PROPOSED LEGEND

(1) ITEM 254 - PAVEMENT PLANING ASPHALT CONCRETE, AS PER PLAN (T=VARIABLE, 1" MIN., 3" MAX., SEE NOTE SHEET NO. P.11)

(2) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG70-22M, AS PER PLAN

(3) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)

(4) ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449) (VARIABLE DEPTH, 0" MIN., 3" MAX.)

(5) ITEM 407 - TACK COAT

(6) ITEM 305 - 9" (MIN.) CONCRETE BASE, CLASS QC 1P, AS PER PLAN

(7) ITEM 304 - 6" AGGREGATE BASE, AS PER PLAN

(8) ITEM 204 - SUBGRADE COMPACTION

(9) ITEM 609 - CURB, TYPE 6, AS PER PLAN

(10) ITEM 605 - 4" UNCLASSIFIED PIPE UNDERDRAINS, AS PER PLAN

(11) ITEM 608 - 4" CONCRETE WALK, AS PER PLAN

(12) ITEM 659 - SEEDING AND MULCHING. CLASS 1

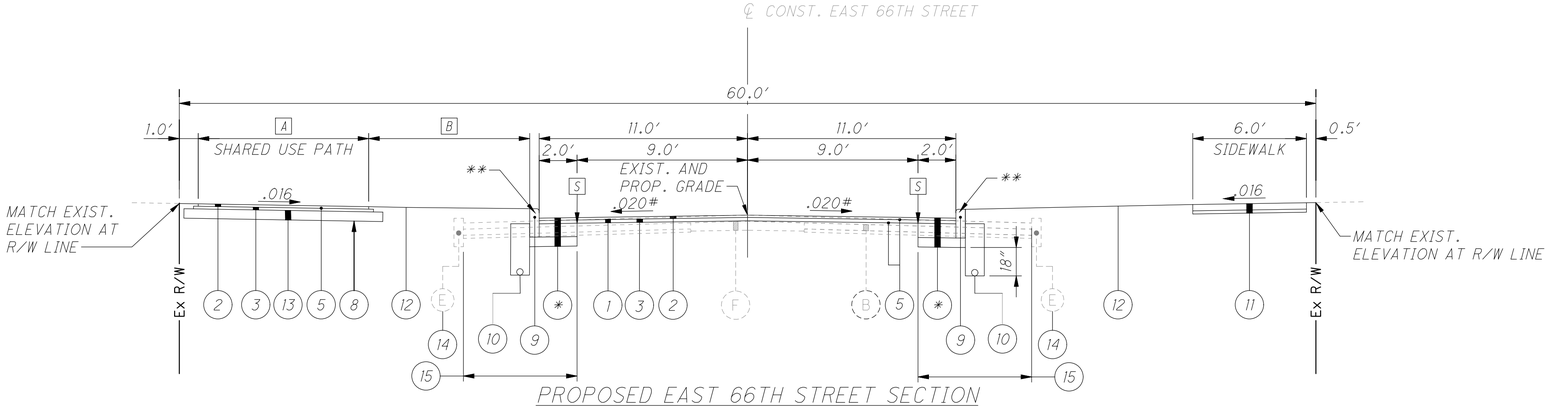
(13) ITEM 304 - 8" AGGREGATE BASE, AS PER PLAN

(14) ITEM 202 - CURB REMOVED

(15) ITEM 202 - PAVEMENT REMOVED

(16) ITEM 451 - REINFORCED CONCRETE PAVEMENT, MISC.: DECORATIVE CONCRETE INTERSECTION

[S] SAW CUT



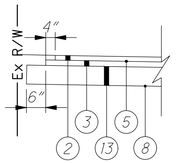
PROPOSED EAST 66TH STREET SECTION

CHESTER AVENUE TO HOUGH AVENUE
STA. 17+92.93 TO STA. 18+03.61
STA. 18+13.77 TO STA. 20+00.00
STA. 23+50.00 TO STA. 25+03.87

* SEE PARKING LANE DETAIL FOR FULL DEPTH REMOVAL AND REPLACEMENT

** 6" CURB REVEAL UNLESS OTHERWISE INDICATED ON CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER

STATION TO STATION	A	B
18+23.15 TO 19+95.00	9.0'	8.5'
19+95.00 TO 20+10.00	9.0' TO 6.0'	8.5' TO 11.5'
20+10.00 TO 21+04.69	6.0'	11.5'
21+04.69 TO 21+19.69	6.0' TO 9.0'	11.5' TO 8.5'
21+19.69 TO 24+63.91	9.0'	8.5'
55+25.00 TO 55+76.00	6.0'	11.5'
55+76.00 TO 55+91.00	6.0' TO 9.0'	11.5' TO 8.5'
55+91.00 TO 56+75.00	9.0'	8.5'



SHARED USE PATH EDGE STEP DETAIL

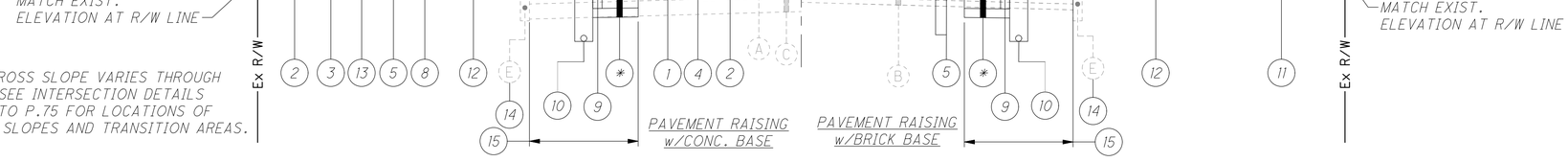
(BOTH SIDES OF PATH)

PARKING LANE BEGIN/END STATIONS (SEE DETAIL SHEET NO. P.124)

BEGIN	END
27+90.59	29+16.13
35+00.76	36+31.05
38+00.64	38+58.92
39+76.20	41+63.54
42+81.97	45+02.25
46+26.03	48+92.31
50+13.03	50+89.31
52+09.18	53+76.14
53+32.25	56+69.00
56+89.00	58+83.07

NOTES

1. VARIOUS WIDTH PAVEMENT REPLACEMENT FOR COMBINATION SEWER TRENCH.
2. SEE SHEET P.03 FOR EXISTING LEGEND.



\# THE PAVEMENT CROSS SLOPE VARIES THROUGH INTERSECTIONS. SEE INTERSECTION DETAILS SHEET NO. P.62 TO P.75 FOR LOCATIONS OF VARIABLE CROSS SLOPES AND TRANSITION AREAS.

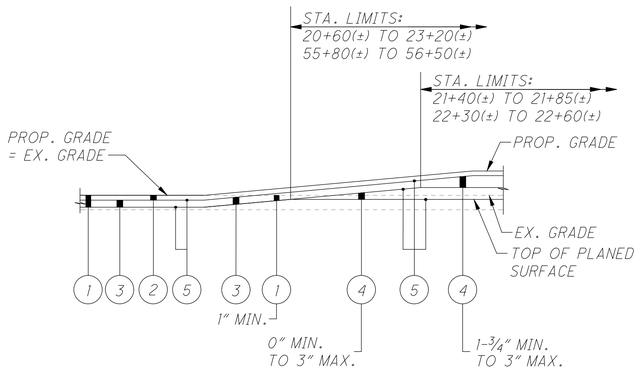
PROPOSED EAST 66TH STREET SECTION-PAVEMENT RAISING

STA. 20+00.00 TO STA. 23+50.00
STA. 55+25.00 TO STA. 56+75.00

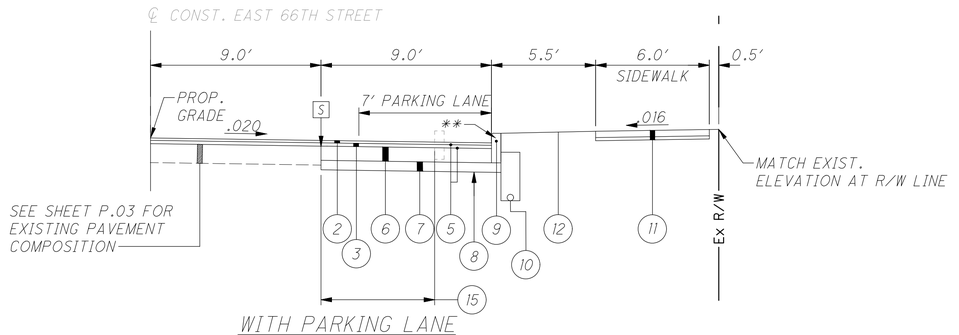
* SEE PARKING LANE DETAIL FOR FULL DEPTH REMOVAL AND REPLACEMENT

** 6" CURB REVEAL UNLESS OTHERWISE INDICATED ON CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER

DECORATIVE CONCRETE CROSSWALK LIMITS
(SE DETAIL SHEET P.124):
STA. 18+03.61 TO STA. 18+13.77



PAVEMENT RAISING ASPHALT TRANSITION DETAIL



WITH PARKING LANE

CHESTER AVENUE TO HOUGH AVENUE
LEXINGTON AVENUE TO SUPERIOR AVENUE

PROPOSED TYPICAL SECTIONS
EAST 66TH STREET

CUY-EAST 66TH STREET TLCI

P:\City of Cleveland\20201116.100_East_66th_St_Final_Engineering\Drawings\Trans\Roadway\Sheets\122389_GY002.dwg

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DESIGNER MVN
REVIEWER CEL 12/16/24
PROJECT ID 122389
SHEET P.04 TOTAL 195

PAVEMENT (CONTNUED)

ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: SURCHARGE FOR CLASS MS CONCRETE

AT VARIOUS LOCATIONS ALONG THE CORRIDOR AND TIMES DURING CONSTRUCTION CIRCUMSTANCES MAY REQUIRE THE USE OF CLASS MS CONCRETE. THE USE OF THIS TYPE OF CONCRETE SHALL BE AT THE DISCRETION AND DIRECTION OF THE ENGINEER AND THE SPECIFICATIONS OUTLINED IN THESE NOTES. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, MISC.: SURCHARGE FOR CLASS MS CONCRETE	500 SQ YD

PAVEMENT RESTORATION FOR PIPE INSTALLATIONS, REMOVALS, AND/OR DRAINAGE STRUCTURE INSTALLATIONS

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED FOR PAVEMENT RESTORATION FOLLOWING INSTALLATION AND/OR REMOVAL OF PIPES, AND INSTALLATION OF ITEM 611 DRAINAGE ITEMS.

ITEM 202 - PAVEMENT REMOVED	200 SQ YD
ITEM 304 - AGGREGATE BASE, AS PER PLAN	25 CU YD
ITEM 305 - 9" CONCRETE BASE, CLASS QC 1P, AS PER PLAN	200 SQ YD
ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449) (T=1-3/4")	10 CU YD

1

THE ABOVE QUANTITIES ARE BASED ON THE TRENCH WIDTHS INDICATED ON CLEVELAND SCD 146-ME (SHEET NO. 92) AND CLEVELAND WATER DEPARTMENT DRAWING STD-001 (SHEET NO. 115), AND THE PAVEMENT REPLACEMENT WIDTHS AND SECTION INDICATED ON THE DETAIL ON SHEET NO. 124.

PROVIDE ANY MATERIALS USED OUTSIDE THE LIMITS STATED ABOVE AT NO ADDITIONAL COST.

PAVEMENT REPAIR AND BASE REPLACEMENT OPERATIONS

AREAS OF PAVEMENT BASE ALONG THE EAST 66TH STREET CORRIDOR WILL BE REPAIRED OR REPLACED TO REHABILITATE DETERIORATING PAVEMENT BASE CONDITIONS. THE FOLLOWING METHODOLOGY WILL BE USED TO IDENTIFY AREA OF BASE REPAIR.

UPON COMPLETION OF ALL PAVEMENT PLANING OPERATIONS AND CONFIRMATION BY THE ENGINEER THAT THE PROPOSED DESIGN HAS BEEN ESTABLISHED, THE ENGINEER WILL DESIGNATE LOCATIONS AND LIMITS OF PAVEMENT BASE REPAIR AND/OR REPLACEMENT. THE DESCRIPTION OF WORK, DETAILS, AND ESTIMATED QUANTITIES HAVE BEEN INCLUDED ON THIS SHEET.

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN

THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE FINAL GRADES OF THE PLANED SURFACE ACCORDING TO THE REQUIREMENTS OF THE PLANS, PROFILE, AND TYPICAL SECTIONS. THE REQUIRED DEPTH OF PLANING WILL VARY THROUGH THE PROJECT AND ACROSS THE PAVEMENT SURFACE. WHEREVER THE EXISTING ASPHALT SURFACE IS REMAINING IT SHALL BE PLANED TO A MINIMUM DEPTH OF ONE INCH (1") FROM EXISTING SURFACE. ANY EXCESS ASPHALT MATERIAL REQUIRED DUE TO OVER-PLANING WILL BE AT THE EXPENSE OF THE CONTRACTOR.

WHERE CONCRETE PAVEMENT IS ENCOUNTERED IN AREAS OF UTILITY TRENCHES, PREVIOUS REPAIR AREAS, ETC., THE CONTRACTOR SHALL PLANE THE PORTLAND CEMENT CONCRETE ACCORDING TO ODOT ITEM 254, TO MATCH THE EXISTING SURFACE OF THE SURROUNDING ASPHALT CONCRETE PLANED SURFACE. LOCATIONS FOR THIS WORK ARE NOT SPECIFICALLY IDENTIFIED IN THE PLANS. PLANING OF ANY EXISTING CONCRETE PAVEMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN

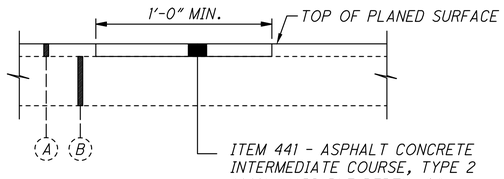
THE ENGINEER SHALL IDENTIFY AREAS REQUIRING PARTIAL DEPTH REPAIR AFTER INITIAL PAVEMENT PLANING IS COMPLETE, ALL APPLICABLE PROVISIONS OF ITEM 251, AS SET FORTH IN THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, SHALL APPLY EXCEPT AS MODIFIED HEREIN.

251.02 - REMOVAL OF EXISTING PAVEMENT:
APPROVED REMOVAL METHODS SHALL SATISFACTORILY ESTABLISH A NEAT VERTICAL FACE ALONG THE ENTIRE PERIMETER OF THE REPAIR AREA IN ORDER TO SUBSEQUENTLY PERMIT THE PROPER PLACEMENT AND COMPACTION OF THE ASPHALT CONCRETE PATCHING MATERIAL. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, REMOVAL DEPTHS SHALL VARY FROM A ONE AND A HALF (1-½) INCH MINIMUM TO A THREE *(3) INCH MAXIMUM. THESE DEPTHS ARE IN ADDITION TO THE THICKNESS OF THE EXISTING BRICK REMOVAL.

PARTIALLY EMBEDDED STEEL MESH EXPOSED SHALL BE WIRE-BRUSHED OR OTHERWISE CLEANED TO REMOVE ALL LOOSE RUST. LOOSENED OR TOTALLY EXPOSED WIRE MESH REINFORCING SHALL BE CUT AND REMOVED AS REQUIRED WITHOUT DISPLACEMENT OR DISRUPTION TO THE REINFORCEMENT AND/OR PAVEMENT TO REMAIN. RECORD DRAWINGS AND SOME OF THE PAVEMENT CORES INDICATE A BRICK BASE IS LOCATED UNDER SOME OF THE ASPHALT WEARING COURSE. CONTRACTOR SHALL REFER TO THE PARTIAL-DEPTH PAVEMENT REPAIR DETAIL INCLUDED ON THIS SHEET.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	500 SQ YD



ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN

ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 2, CLASS QC1, AS PER PLAN

AFTER THE EXISTING ASPHALT PAVEMENT HAS BEEN REMOVED BY THE PLANING OPERATION, THE ENGINEER WILL INSPECT THE CONDITION OF THE EXISTING BASE. ANY DEFECTIVE AREAS SHALL BE REMOVED AND REPLACED PER THE DETAILS ON THIS SHEET, AT THE DIRECTION OF THE ENGINEER, AFTER THEIR APPROVAL. ALL APPLICABLE PROVISIONS OF ITEM 255 AS SET FORTH IN THE CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL APPLY EXCEPT WHERE MODIFIED IN THESE GENERAL NOTES:

255.02 - MATERIALS:
THE CONCRETE USED FOR RIGID REPLACEMENT (255) SHALL BE AS PER THE CMS. AGGREGATE BASE PAID FOR ITEM 255 SHALL MEET THE REQUIREMENTS SET FORTH IN CMS 203 AND 304, AND THE NOTES AND DETAILS FOUND IN THESE PLANS.

255.04 - CORRECTION OF DISTURBED SUBBASE AND SUBGRADE:
SUITABLE SUBBASE DISTURBED IN AREAS WHERE CONCRETE PAVEMENT IS REMOVED SHALL BE SHAPED AND RECOMPACTED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST. UNSUITABLE SUBBASE, AS DETERMINED BY THE ENGINEER, SHALL BE REMOVED AND REPLACED WITH ITEM 304 AGGREGATE BASE, AS PER PLAN TO THE DEPTH OF ADJACENT SUBBASE, FOUR (4) INCHES MINIMUM. WHERE UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED, IT SHALL BE REMOVED TO THE DEPTH DETERMINED BY THE ENGINEER, AND REPLACED IN FOUR (4) INCH LIFTS (LOOSE DEPTH). NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.

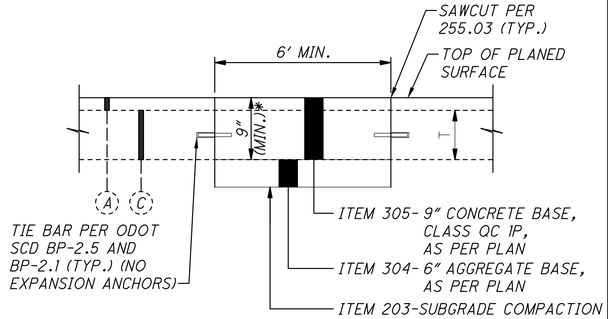
MECHANICALLY COMPACTED LAYERS
SUITABLE EMBANKMENT MATERIAL (204.02) REQUIRED TO REPLACE THE UNDERCUT SUBGRADE SHALL, TO THE EXTENT POSSIBLE, EXHIBIT THE SAME PHYSICAL PROPERTIES AS THE ADJACENT SOUND SUBGRADE MATERIALS. HOWEVER, USE OF GRANULATED SLAG, IN ANY FORM, IS NOT PERMITTED. GRANULAR EMBANKMENT MATERIAL SHALL BE LIMITED TO CRUSHED CARBONATE STONE. ALL EXPOSED OR RECONSTRUCTED SUBGRADE SOILS SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER. REMOVAL AND DISPOSAL OF THE UNSUITABLE SUBBASE OR SUBGRADE MATERIAL SHALL BE CONSIDERED INCIDENTAL TO ITEM 255, AND NO SEPARATE PAYMENT WILL BE MADE.

255.09 - METHOD OR MEASUREMENT:
UNSUITABLE SUBGRADE SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH CMS 204. THE REPLACEMENT MATERIAL FOR UNSUITABLE SUBBASE SHALL BE FURNISHED, IN ACCORDANCE WITH ITEM 304-AGGREGATE BASE, AS PER PLAN. NO ADDITIONAL PAYMENT WILL BE MADE FOR ITEM 304 OR ITEM 204. AND WILL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR ITEM 255.

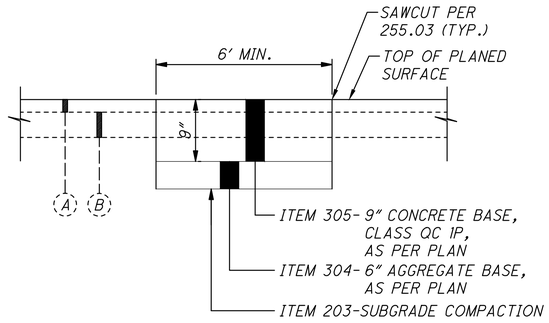
255.10 - BASIS OF PAYMENT:
PAYMENT FOR ITEM 255-FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN IS FULL COMPENSATION FOR FURNISHING ALL MATERIALS AND LABOR PER 255.10 AND SPECIFIED HEREIN, INCLUDING BUT NOT LIMITED TO, FULL DEPTH PAVEMENT SAWING, PAVEMENT REMOVAL INCLUDING CONCRETE AND BRICK BASE, SUBBASE/SUBGRADE CORRECTION AND/OR REMOVAL, AS NECESSARY, PLACEMENT OF NEW 304 AGGREGATE BASE, AS NECESSARY, FURNISHING AND PLACING DOWELS, TIE BARS, MESH, AND CONCRETE FOR BOTH ITEM 255 AND ITEM 306 CONCRETE BASE AS REQUIRED.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 255 - FULL DEPTH RIGID PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 2, CLASS QC1, AS PER PLAN	500 SQ YD



CONCRETE BASE



BRICK BASE

ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 2, CLASS QC1, AS PER PLAN

ITEM 304 - AGGREGATE BASE, AS PER PLAN

GRANULATED SLAG (GS) SHALL NOT BE PERMITTED FOR THIS ITEM. CRUSHED CARBONATE STONE, CRUSHED AIR COOLED BLAST FURNACE SLAG, OR GRAVEL SHALL BE USED FOR THIS ITEM INCLUDING UNDERCUTTING. ALL OTHER REQUIREMENTS OF SECTIONS 304 AND 703.17 OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL STILL BE APPLICABLE. AGGREGATE BASE SHALL BE A MINIMUM OF 6" IN DEPTH, UNLESS OTHERWISE INDICATED ON THE PLANS.

IN ADDITION TO THE FURNISHING, INSTALLATION, AND COMPACTION OF THE ITEM 304 AGGREGATE BASE, THE UNIT PRICE FOR THIS ITEM SHALL INCLUDE ALL EXCAVATION AND DISPOSAL OF THE EXCAVATED MATERIAL FROM THE BOTTOM OF THE EXISTING PAVEMENT TO THE PROPOSED SUBGRADE ELEVATION AT THE BOTTOM OF THE AGGREGATE BASE.

GENERAL NOTES

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DESIGNER IRK
REVIEWER CEL 8/11/26
PROJECT ID 122389
SHEET P.11 TOTAL 195

PAVEMENT (CONT.)

ITEM 305 - 9" CONCRETE, CLASS QC 1P, AS PER PLAN

CONSTRUCT 9" CONCRETE BASE IN ACCORDANCE WITH THE ODOT CMS, EXCEPT AS MODIFIED BY GENERAL NOTE "CONCRETE DESIGN MIX (CLEVELAND 650) AND OTHER GENERAL NOTES WITHIN THE PLAN SET. CONCRETE BASE SHALL BE INSTALLED AT THE SAME THICKNESS AS EXISTING BASE MATERIAL, WITH A MINIMUM DEPTH OF NINE (9) INCHES. JOINTS SHALL BE SAWED TO MATCH THOSE IN ADJACENT PAVEMENT.

ITEM 441 - ASPHALT CONCRETE

RECYCLED MATERIAL SHALL BE LIMITED TO WEARING COURSE MAXIMUM OF 10%, INTERMEDIATE COURSE MAXIMUM OF 20% AND BITUMINOUS BASE COURSE MAXIMUM OF 30%.

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG-70-22M, AS PER PLAN

THE COARSE AGGREGATE FOR THIS ITEM SHALL BE A BLEND OF 60% MIN. AIR COOLED BLAST FURNACE SLAG (ACBFS) OR TRAP ROCK FROM ONTARIO WITH LIMESTONE COMPRISING THE REMAINING PERCENTAGE. THE USE OF GRAVEL IS PROHIBITED. FOR THIS ITEM, A THIRD ROLLER IS REQUIRED FOR MAINLINE PAVING OPERATIONS. THE ROLLER SHALL CONFORM TO THE REQUIREMENTS OF 401.13.

ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, AS PER PLAN (BY THICKNESS)

IN ADDITION TO THE REQUIREMENTS OF ODOT 452, THE COST OF EXCAVATING, FURNISHING, AND COMPACTING THE TWO (2) INCH LIMESTONE SCREENING BED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR ITEMS. ALL CONCRETE FOR APRONS AND DRIVES SHALL HAVE RETRACED FRAME TOOLED EDGE JOINTS.

ITEM 609 - CURB, TYPE 6, AS PER PLAN

CONSTRUCT THIS ITEM TO THE REQUIREMENTS OF ODOT 609 AND ANY OTHER GENERAL NOTES WITHIN THE PLAN SET.

ITEM 451 - REINFORCED CONCRETE PAVEMENT, MISC.: DECORATIVE CONCRETE CROSSWALK
ITEM 451 - REINFORCED CONCRETE PAVEMENT, MISC.: DECORATIVE CONCRETE INTERSECTION

IN ADDITION TO THE REQUIREMENTS OF ODOT 451, THIS ITEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:

THE DECORATIVE CONCRETE CROSSWALK SHALL BE AS PER THE DETAIL ON SHEET NO. 124.

SEE SHEET NO. 178 FOR SPECIFICATIONS REGARDING THE INTEGRALLY COLORED CONCRETE, INCLUDING SUBMITTALS, MATERIALS, INSTALLATION, ETC.

THE SAW CUTTING, REMOVAL, AND DISPOSAL OF THE EXISTING PAVEMENT IN ORDER TO INSTALL THESE ITEMS SHALL BE PAID FOR UNDER ITEM 202, PAVEMENT REMOVED.

ALL LABOR, EQUIPMENT, AND MATERIALS ASSOCIATED WITH THE CONSTRUCTION OF THE DECORATIVE CONCRETE, INCLUDING THE CONSTRUCTION OF THE MOCK-UP(S) AND REMOVAL AND DISPOSAL OF ALL ADDITIONAL MATERIAL BELOW THE EXISTING PAVEMENT, AS REQUIRED IN THIS NOTE AND SHOWN IN THE PLAN DETAILS, SHALL BE PAID FOR UNDER THE UNIT PRICE BID FOR ITEM 451, REINFORCED CONCRETE PAVEMENT, MISC.: DECORATIVE CONCRETE (CROSSWALK OR INTERSECTION).

LANDSCAPING

ITEM 661 - MULCH, AS PER PLAN

THIS ITEM IS TO BE USED TO FURNISH AND INSTALL MULCH WITHIN THE TREE PITS AS INDICATED IN SECTION 9 OF THE "TREE PLANTING, WATERING, STAKING, ESTABLISHMENT" NOTE ON SHEET NO. 180. THE MULCH SHALL BE IN CONFORMANCE WITH CMS ITEM 661 EXCEPT AS MODIFIED IN THAT GENERAL NOTE.

THE FOLLOWING QUANTITY HAS BEEN PROVIDED FOR THIS ITEM, INSTALLED AS INDICATED IN THE GENERAL NOTE.

ITEM 661 - MULCH, AS PER PLAN	40	CU YD

ENVIRONMENTAL

CLEVELAND'S HISTORIC LEAGUE PARK AND BASEBALL HERITAGE MUSEUM

ACCESS TO CLEVELAND'S HISTORIC LEAGUE PARK AND BASEBALL HERITAGE MUSEUM SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR THE TIME NEEDED TO TEMPORARILY OCCUPY THE PROPERTY, WHICH SHALL BE LESS THAN THE TIME NEEDED FOR CONSTRUCTION OF THE PROJECT. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE SECTION 4(F) PROPERTY AND THE PUBLIC. APPROPRIATE SIGNAGE SHALL BE INSTALLED TO ALERT USERS OF CLEVELAND'S HISTORIC LEAGUE PARK AND BASEBALL HERITAGE MUSEUM OF CONSTRUCTION ACTIVITIES, ACCESS RESTRICTIONS OR CLOSURES, AND TO DIRECT USERS TO SECONDARY ACCESS POINTS. THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT, THE CITY OF CLEVELAND, AND THE BASEBALL HERITAGE MUSEUM DIRECTOR PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

PLAN NOTE FOR PETROLEUM CONTAMINATED SOILS

THE REGULATED MATERIALS REVIEW IDENTIFIED PETROLEUM CONTAMINATED SOILS (PCS) ADJACENT TO RMR SITES 001, 012, 022, 024 AND 039. THE REGULATED MATERIALS REVIEW IS AVAILABLE FOR REFERENCE IN THE PROJECT CONSTRUCTION FILE. SEE 122389 REGULATED MATERIAL REVIEW.

THE CONTRACTOR MAY REUSE EXCAVATED PCS ON THE PROJECT IF A SAMPLING ANALYSIS INDICATES THAT THE MATERIAL DOES NOT EXCEED THE RE-USE ACTION LEVELS IDENTIFIED IN OAC 1301: 7-9-16 TABLE 1. HIRE A PREQUALIFIED CONSULTANT TO PERFORM SAMPLING AND TESTING FOR ACCURATE CHARACTERIZATION AS STATED IN 203.03J. DO NOT BID THE WORK ASSUMING EXCAVATED PCS CAN BE REUSED ON THE PROJECT. DISPOSE ALL EXCAVATED PCS THAT CANNOT BE REUSED ON THE PROJECT AT A LICENSED RECYCLE OR DISPOSAL FACILITY. PERFORM ALL SAMPLING AND TESTING REQUIRED BY THE RECYCLING/ DISPOSAL FACILITY. DIRECT LOAD ALL EXCAVATED PCS FOR TRANSPORT AND DISPOSAL WHEN PRACTICAL. THE CONTRACTOR MAY TEMPORARILY STORE THE PCS PURSUANT TO OAC 1301: 7-9-16 IN AN AREA PROVIDED BY THE CONTRACTOR AND ACCEPTED BY THE ENGINEER. PROVIDE TEMPORARY STORAGE IN ONE OF THE FOLLOWING MANNERS CONFORMING TO OAC 1301: 7-9-16 (E) (1):

A. IN PORTABLE CONTAINERS THAT ARE FREE OF HOLES OR OTHER DAMAGES THAT MAY ALLOW A RELEASE OF MATERIAL, ARE SECURED WITH LIDS OR COVERS TO PREVENT INFILTRATION OF RAINWATER AND ARE INDIVIDUALLY LABELED WITH THE DATE OF EXCAVATION AND THE WORDS: "NON-HAZARDOUS SOIL OR BACKFILL. MAY CONTAIN SOIL CONTAMINATED BY PETROLEUM PRODUCTS."

B. IN STOCKPILES PROTECTED BY A SYNTHETIC COVER THAT PREVENTS INFILTRATION FROM RAINWATER OR RUN-OFF OF SOIL AND BY BERMS OR OTHER DEVICES THAT DIVERTS RUN-ON OF STORM WATER. A TWENTY-FOUR HOUR ONCE IN TEN-YEAR RAIN EVENT SHALL BE USED TO DESIGN SUCH CONTROLS.

C. DURING STORAGE, STOCKPILES SHALL BE PLACED ON AN ASPHALT PAD, CONCRETE PAD, COMPATIBLE SYNTHETIC LINER HAVING A MINIMUM THICKNESS OF TEN MIL, OR ANOTHER MATERIAL SPECIFICALLY APPROVED BY THE STATE FIRE MARSHAL THAT PREVENTS THE LEACHING OF CHEMICALS OF CONCERN. SYNTHETIC LINERS SHALL BE INSTALLED WITH OVERLAPS OF NOT LESS THAN TWELVE INCHES AND SHALL BE FREE OF RIPS, TEARS, OR OTHER DAMAGE. EXCAVATED SOIL SHALL BE PLACED ON THE LINER IN A MANNER THAT INSURES LINER INTEGRITY. A TEMPORARY FENCE, BARRIER, OR OTHER DEVICE SHALL BE USED TO PREVENT UNAUTHORIZED ENTRY TO STORAGE AREAS.

D. ALL STORAGE TECHNIQUES SHALL BE CONSTRUCTED AND MAINTAINED TO MINIMIZE THE RELEASE OF PETROLEUM VAPORS AND ODORS.

PROVIDE COMPLETED LOG FORMS AND BILL OF LADING/ MANIFESTS FOR TRANSPORT AND DISPOSAL TO THE ENGINEER.

REMOVE AND DISPOSE OF USTS PER CMS 202.08.

IF THE EXCAVATIONS WITHIN THE AFOREMENTIONED LIMITS REQUIRE DEWATERING FOR CONSTRUCTION PURPOSES, DEWATER, CONTAINERIZE AND DISPOSE OF THE LIQUID WASTE IN A LICENSED DISPOSAL FACILITY. OBTAIN ALL NECESSARY PERMITS AND CONDUCT ALL TESTING NEEDED TO STORE, TRANSPORT, AND DISPOSE OF THE LIQUID WASTE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. PROVIDE COMPLETED LOG FORMS AND BILL OF LADING/MANIFESTS FOR TRANSPORT AND DISPOSAL TO THE ENGINEER.

THE CONTRACTOR IS RESPONSIBLE FOR ALL FEES, LIENS, OR BOTH ASSESSED BY REGULATORY AGENCIES THAT HAVE JURISDICTION OVER THE TRANSPORT AND DISPOSAL OF THE PCS. FILL OUT AND SIGN ALL WASTE DISPOSAL FACILITY FORMS REQUIRED BY THE DISPOSAL FACILITY INCLUDING, BUT NOT LIMITED TO, MATERIAL PROFILES, DATA SHEETS, AND MATERIAL CERTIFICATIONS. PROVIDE A COPY OF ALL COMPLETED DISPOSAL FACILITY FORMS TO THE ENGINEER.

BACKFILL ALL EXCAVATED AREAS WITH SUITABLE MATERIAL IN ACCORDANCE WITH PROJECT PLANS AND APPLICABLE ODOT SPECIFICATIONS. PROVIDE ALL THE LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PROPERLY HANDLE, TEMPORARILY STORE, TEST FOR CHARACTERIZATION, TRANSPORT, AND DISPOSE OF THE REGULATED MATERIALS, INCLUDING ANY REQUIRED PERMITS OR FEES. THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICES AS FOLLOWS. THE BASIS FOR CONVERSION FROM TONS TO CUBIC YARDS IS 1.5 TON/CUBIC YARD. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY.

ITEM SPECIAL - WORK INVOLVING NON-REGULATED MATERIALS	15	TON
ITEM SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOILS	150	TON
ITEM SPECIAL - WORK INVOLVING NON-REGULATED WATER	15000	GALLON
ITEM SPECIAL - WORK INVOLVING REGULATED WATER	5000	GALLON

GENERAL NOTES

CUY-EAST 66TH STREET TLCI

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DESIGN AGENCY
OSBORN ENGINEERING
1111 SUPERIOR AVE. STE. 2100
CLEVELAND, OH 44114
(216)861-2020 www.osbornengr.com

DESIGNER IRK
REVIEWER CEL 8/10/26
PROJECT ID 122389
SHEET P.12 TOTAL 195

SHEET NUMBER															PARTICIPATION		ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	06-12	13-16	28	30	43-58	77	100-104	117	118	128	132	144	177	193	01/MPO	02/NFP							
																						DRAINAGE (CONTINUED)	
			32												32			611	99654	32	EACH	MANHOLE ADJUSTED TO GRADE	
	5000														5000			SPECIAL	61199820	5000	LB	SPECIAL - MISCELLANEOUS METAL (WPC)	10
	10														10			611	99900	10	EACH	DRAINAGE STRUCTURE, MISC.: UTILITY TEST HOLE	09
																						DRAINAGE ALTERNATIVES	
	200		1053												1253		X	611	04401	1253	FT	12" CONDUIT, TYPE B, AS PER PLAN (OPEN PIPE POLICY) (ALTERNATE 1)	10
	200		1053												1253		X	611	04401	1253	FT	12" CONDUIT, TYPE B, AS PER PLAN (706.08 ES) (ALTERNATE 2)	10
																						PAVEMENT	
	500															500		251	01001	500	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	11
10488																10488		254	01001	10488	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (T=VARIES, 1" TO 3")	11
	500															500		255	12001	500	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 2, CLASS QC1, AS PER PLAN	11
1679	75					2									1706	50		304	20001	1756	CY	AGGREGATE BASE, AS PER PLAN	11
3763	450														3963	250		305	13011	4213	SY	9" CONCRETE BASE, CLASS QC 1P, AS PER PLAN	12
2277						2									666	1613		407	10000	2279	GAL	TACK COAT	
620						2									257	365		441	70101	622	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), AS PER PLAN, PG70-22M (T-1-1/4")	12
870	10					1									378	503		441	70300	881	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449) (T=1-3/4")	
					29											29		441	70300	29	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449) (T=VARIES 0" TO 3")	
				526											526			451	20000	526	SY	REINFORCED CONCRETE PAVEMENT, MISC.: DECORATIVE CONCRETE CROSSWALK	12
261															261			451	20000	261	SY	REINFORCED CONCRETE PAVEMENT, MISC.: DECORATIVE CONCRETE INTERSECTION	12
						488									488			452	10051	488	SY	6" NON-REINFORCED CONCRETE, CLASS QC MS, AS PER PLAN	12
						424									424			452	12051	424	SY	8" NON-REINFORCED CONCRETE, CLASS QC MS, AS PER PLAN	12
	500														500			452	19200	500	SY	NON-REINFORCED CONCRETE, MISC.: SURCHARGE FOR CLASS MS CONCRETE	11
9539															9539			609	26001	9539	FT	CURB, TYPE 6, AS PER PLAN	12
				189											189			609	71000	189	SF	CONCRETE MEDIAN	
																						WATER WORK	
							1000									1000		SPECIAL	61199820	1000	LB	SPECIAL-MISCELLANEOUS METAL (WATER)	103
								7							7			638	10700	7	EACH	FIRE HYDRANT REMOVED AND DISPOSED OF	
								42							42			SPECIAL	63820500	42	EACH	SPECIAL-VALVE BOX ADJUSTED TO GRADE (CLEVELAND)	103
								32							32			SPECIAL	63820792	32	FT	SPECIAL-SHORTEN WATER SERVICE CONNECTION (CLEVELAND)	104
								72							72			SPECIAL	63820802	72	FT	SPECIAL-EXTEND 3/4" COPPER WATER SERVICE CONNECTION (CLEVELAND)	104
								35							35			SPECIAL	63820902	35	EACH	SPECIAL-SERVICE BOX ADJUSTED TO GRADE (CLEVELAND)	103
								6							6			SPECIAL	63821400	6	EACH	SPECIAL-FIRE HYDRANT ADJUSTED TO GRADE (CLEVELAND)	104
								8							8			638	98000	8	EACH	WATER WORK, MISC.: FURNISHING AND SETTING 6" HYDRANT, COMPLETE	104
								12							12			638	98000	12	EACH	WATER WORK, MISC.: WATER METER VAULT ADJUSTED TO GRADE	103
								8							8			638	98000	8	EACH	WATER WORK, MISC.: METER AND METER VAULT REMOVED AND RESET	104
							2	14								16		638	98000	16	EACH	WATER WORK, MISC.: RETAP AND RECONNECT WATER SERVICE CONNECTION (LONG SIDE)	104
							2	7								9		638	98000	9	EACH	WATER WORK, MISC.: RETAP AND RECONNECT WATER SERVICE CONNECTION (SHORT SIDE)	104
							3									3		638	98000	3	EACH	WATER WORK, MISC.: REPLACEMENT OF OWNER SIDE LEAD WATER CONNECTION	104

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GENERAL SUMMARY

CUY-EAST 66TH STREET TLCI

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DESIGNER IRK
REVIEWER DRP 6/19/25
PROJECT ID 122389
SHEET P.21 TOTAL 195