

**UTILITIES**

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER UNLESS AUTHORIZED BY THE ENGINEER". THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DIRECTION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

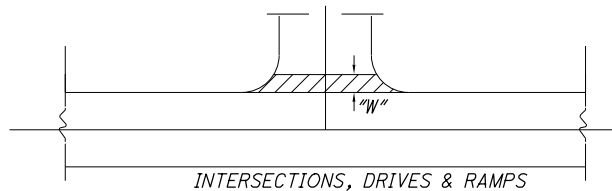
**ITEM 623- CONSTRUCTION LAYOUT STAKES, AS PER PLAN**

PRIOR TO THE START OF ROADWAY OPERATION, THE CONTRACTOR SHALL REFERENCE THE LENGTH OF THE PROJECT ON BOTH SIDES OF THE ROADWAY, IN A MANNER SATISFACTORY TO THE ENGINEER. THE PAVEMENT SHALL BE REFERENCED IN 1000' FEET INCREMENTS, OR IN INCREMENTS ACCEPTABLE TO THE ENGINEER, IN A SEMIPERMANENT CONDITION.

**ITEM 254- PAVEMENT PLANING, ASPHALT CONCRETE**

THE PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE INTERMEDIATE COURSE PRIOR TO REOPENING THE LANE TO TRAFFIC. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE ITEM. A DISINCENTIVE IN THE AMOUNT OF \$6,000 SHALL BE ASSESSED FOR EACH DAY, OR PORTION THEREOF, A PLANED SURFACE IS OPEN TO TRAFFIC.

**INTERSECTIONS, DRIVES & RAMPS**

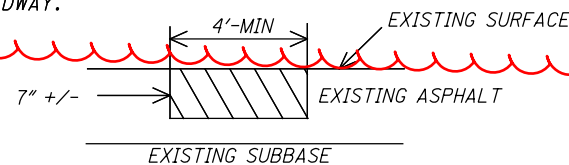


INTERSECTION, DRIVES & RAMP QUANTITIES ARE INCLUDED IN THE ASPHALT CONCRETE QUANTITIES. INTERSECTION & RAMP QUANTITIES HAVE BEEN ESTIMATED AT 15' MEASURED FROM EDGE OF PAVED SHOULDER, DRIVE QUANTITIES HAVE BEEN ESTIMATED AT 3' MEASURED FROM EDGE OF PAVED SHOULDER.

PERFORM WORK PER SPECIFIED OFFSET LIMITS UNLESS THERE IS A JOINT PRESENT CLOSER TO THE EDGE OF PAVED SHOULDER, IN WHICH CASE END WORK AT SAID JOINT. ALSO END WORK AT EXISTING DROP CURB ALONG DRIVEWAYS OR AT EXISTING CONCRETE DRIVEWAYS.

**ITEM 253- PAVEMENT REPAIR**

AN ESTIMATED QUANTITY OF 450 CU YDS OF ITEM 253- PAVEMENT REPAIR HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. THIS OPERATION SHALL BE PERFORMED BEFORE PAVEMENT PLANING OF ROADWAY.



EXISTING DETERIORATED ASPHALT SHALL BE REMOVED TO A MAXIMUM DEPTH OF 7" INCHES OR AS DIRECTED BY THE ENGINEER AND REPLACED WITH ITEM 301, ASPHALT CONCRETE BASE. THE 301 SHALL BE COMPACTED AS PER 401.15 AND IN APPROXIMATELY EQUAL LAYERS. THE LOCATIONS AND SIZE OF THE REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

**PERMANENT PAVEMENT MARKINGS**

THE CONTRACTOR SHALL REFERENCE ALL PAVEMENT MARKINGS INCLUDING AUXILIARY PAVEMENT MARKINGS BEFORE THE START OF THE RESURFACING OPERATION. THIS WILL BE NECESSARY TO ASSURE THE CORRECT PLACEMENT OF MARKINGS IN ORIGINAL LOCATIONS (EXCEPT WHERE NOTED ON SHEET 9).

PAYMENT FOR THIS OPERATION SHALL BE INCLUDED WITH EACH RESPECTIVE PAVEMENT MARKING ITEM.

**MANHOLES AND VALVES ADJUSTED TO GRADE (PRIVATELY OWNED)**

ALL MANHOLE AND VALVES ENCOUNTERED IN AREAS THAT REQUIRE GRADE ADJUSTMENT WILL BE PERFORMED PRIOR TO THE APPLICATION OF THE SURFACE COURSE BY THE UTILITY OWNER. CONTACT THE UTILITY OWNER 2 WEEKS PRIOR TO WHEN THE ADJUSTMENTS ARE TO BE COMPLETED.

**ITEM 611 - MANHOLE ADJUSTED TO GRADE**

THIS WORK SHALL CONSIST OF ADJUSTING MANHOLES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 611 - MANHOLE ADJUSTED TO GRADE..... 45 EA.

**ITEM 611 - CATCH BASIN RECONSTRUCTED TO GRADE**

THIS WORK SHALL CONSIST OF RECONSTRUCTING CATCH BASINS TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 611 - CATCH BASIN RECONSTRUCTED TO GRADE..... 4 EACH

**ITEM 623- MONUMENT BOX ADJUSTED TO GRADE**

THIS WORK SHALL CONSIST OF ADJUSTING MONUMENT BOXES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 623 - MONUMENT BOX ADJUSTED TO GRADE..... 1 EA.

**ITEM 638 - VALVE BOX ADJUSTED TO GRADE**

THIS WORK SHALL CONSIST OF ADJUSTING VALVE BOXES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 638 - VALVE BOX ADJUSTED TO GRADE..... 40 EA.

**ITEM 621- RPM REMOVED/REPLACED**

ITEM 621- RPM, Y/Y.....167 EA  
 ITEM 621- RPM, W/R .....309 EA  
 ITEM 621- RPM, I-WAY (WHITE) .....16 EA

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 621- RPM .....492 EA  
 ITEM 621- RPM REMOVED.....492 EA

**UTILITY CONTACT INFORMATION**

CITY OF CINCINNATI TRANSPORTATION AND ENGINEERING  
 801 PLUM STREET, ROOM 450  
 CINCINNATI, OHIO 45202  
 513-352-3721 (CHRIS KELLY)  
 CHRIS.KELLY@CINCINNATI-OH.GOV

**ITEM 253- PAVEMENT REPAIR, AS PER PLAN**

THIS PAY ITEM IS TO BE USED AT CURB, CURB/GUTTER, AND CURB RAMP INSTALLATION LOCATIONS. SEE SHEET 19 FOR PAVEMENT BUILD-UP AND QUANTITIES.

DUKE ENERGY ELECTRIC (DISTRIBUTION)  
 2010 DANA AVENUE  
 CINCINNATI, OHIO 45207  
 513-458-3856 (AARON WRIGHT)  
 AARON.WRIGHT@DUKE-ENERGY.COM

DUKE ENERGY ELECTRIC (TRANSMISSION)  
 139 EAST 4TH STREET, ROOM 552A  
 CINCINNATI, OHIO 45202  
 513-287-1266 (TIM MEYER)  
 TIM.MEYER@DUKE-ENERGY.COM

DUKE ENERGY GAS  
 139 EAST 4" STREET, ROOM 460A  
 CINCINNATI, OHIO 45202  
 513-287-2532 (DENISE GROSS)  
 513-287-2517 (MARK BRANSCUM)  
 DENISE.GROSS@DUKE-ENERGY.COM  
 MARK.BRANSCUM@DUKE-ENERGY.COM  
 (REQUIRE TWO HARD COPY SETS OF PLANS MAILED TO THEIR ADDRESS)

CINCINNATI BELL TELEPHONE (UNDERGROUND)  
 221 EAST 4TH STREET, BLDG. 121-900  
 CINCINNATI, OHIO 45201  
 513-566-3154 (DERRICK BROWN)  
 (PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:  
 ROADPROJECTS@CINBELL.COM)

CINCINNATI BELL TELEPHONE (AERIAL)  
 209 WEST 7TH STREET, BLDG. 121-900  
 CINCINNATI, OHIO 45202  
 513-565-6014 (ROBERT STROCHINSKY)  
 (PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:  
 ROADPROJECTS@CINBELL.COM)

CHARTER COMMUNICATIONS/SPECTRUM  
 10920 KENWOOD ROAD  
 BLUE ASH, OHIO 45242  
 (SEND ALL PLANS/CORRESPONDENCE TO EMAIL BOX FOR DISTRIBUTION:  
 DL-SOUTHERN-OHIO-OUTSIDE-PLANT@CHARTER.COM)

GREATER CINCINNATI WATER WORKS  
 4747 SPRING GROVE AVENUE  
 CINCINNATI, OHIO 45232  
 513-591-5056 (JON HUNSEDER)  
 JON.HUNSEDER@GCWW.CINCINNATI-OH.GOV

METROPOLITAN SEWER DISTRICT  
 1600 GEST STREET  
 CINCINNATI, OHIO 45204  
 513-557-7188 (ROB FRANKLIN)  
 (PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:  
 MSDUTILITYREVIEW@CINCINNATI-OH.GOV)

CINCINNATI STORMWATER MANAGEMENT UTILITY  
 4747 SPRING GROVE AVENUE  
 CINCINNATI, OHIO 45232  
 513-591-7746 (ROBERT GOODPASTER)  
 (PLEASE SEND ALL UTILITY PLAN REVIEWS TO THIS ADDRESS:  
 SMUPLANREVIEW@CINCINNATI-OH.GOV)

CITY OF CINCINNATI TRAFFIC ENGINEERING  
 801 PLUM STREET, ROOM 320  
 CINCINNATI, OHIO 45202  
 513-352-3730 (LINDA KISER)  
 LINDA.KISER@CINCINNATI-OH.GOV

MCI/VERIZON  
 120 RAVINE STREET  
 AKRON, OHIO 44303  
 330-253-8267 (AL GUEST)  
 ALLAN.GUEST@VERIZONBUSINESS.COM  
 ALLAN.GUEST@VERIZON.COM

ITEM - 609 CURB, TYPE 6, AS PER PLAN  
 ALL REQUIREMENTS OF BP-5.1 SHALL APPLY. THIS ITEM OF WORK SHALL INCLUDE ALL FORMS AND ADDITIONAL EXCAVATION NECESSARY TO COMPLETE THIS ITEM OF WORK.

EXISTING CURB REMOVAL AND PAVEMENT REMOVAL AND RESTORATION SHALL BE INCIDENTAL TO THIS ITEM OF WORK. PAVEMENT DEPTH SHALL MATCH EXISTING RESTORATION. PAYMENT SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 609-CURB, TYPE 6, AS PER PLAN, FT.

50 FT. HAS BEEN CARRIED TO THE GENERAL SUMMARY AS A CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

**ITEM - 609 COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN**

ALL REQUIREMENTS OF BP-5.1 SHALL APPLY. THIS ITEM OF WORK SHALL INCLUDE ALL FORMS AND ADDITIONAL EXCAVATION NECESSARY TO COMPLETE THIS ITEM OF WORK.

EXISTING CURB REMOVAL AND PAVEMENT REMOVAL AND RESTORATION SHALL BE INCIDENTAL TO THIS ITEM OF WORK. PAVEMENT DEPTH SHALL MATCH EXISTING RESTORATION. PAYMENT SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 609-CURB, TYPE 2 CURB/GUTTER, AS PER PLAN, FT.

50 FT. HAS BEEN CARRIED TO THE GENERAL SUMMARY AS A CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

**ADA WAIVER**

AN APPROVED ADA DESIGN WAIVER IS REQUIRED ON THIS PROJECT. THE FOLLOWING FEATURES LISTED BELOW CANNOT FEASIBLY BE CONSTRUCTED TO MEET ADA GUIDELINES.

ADA DESIGN WAIVER		
ADA FEATURE	APPROVAL DATE	SHEET NUMBERS
RMP0006481	10/30/2020	L-2, 18
RMP0006482	10/30/2020	NO PROPOSED WORK WITH PROJECT
RMP0006483	10/30/2020	H-2, 15
RMP0006484	10/30/2020	H-3, 15
RMP0006485	10/30/2020	A-1, 11

**CURB RAMP PAY ITEM CLARIFICATION**

AT NEW OR REPLACED CURB RAMPS, NEW CURB OR CURB/GUTTER HAS BEEN QUANTIFIED AND INCLUDED WITH THE CURB RAMP PAY ITEM. CURB OR CURB/GUTTER IS ONLY PAID SEPARATELY WHERE WALK IS PROPOSED.

THE SURFACE COURSE OF THE 2 FOOT PAVEMENT REPLACEMENT AT THE CURB RAMP LOCATIONS SHALL BE PERFORMED CONTIGUOUSLY WITH THE ROADWAY SURFACE COURSE.

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GENERAL NOTES

HM - US 22-10.21

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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	WVH	CHECKED	JDO									
3	4	7	8	19							01/S>2/PV	EXT	TOTAL																	
<b>ROADWAY</b>																														
				3							3	202	23000	3	SY	PAVEMENT REMOVED														
				402							402	202	32000	402	FT	CURB REMOVED														
				212							212	202	32500	212	FT	CURB AND GUTTER REMOVED														
				3,056							3,056	202	30000	3,056	SF	WALK REMOVED														
				564							564	608	10000	564	SF	4" CONCRETE WALK														
				3,381							3,381	608	52000	3,381	SF	CURB RAMP														
				20							20	608	53020	20	SF	DETECTABLE WARNING														
<b>DRAINAGE</b>																														
4											4	611	98634	4	EACH	CATCH BASIN RECONSTRUCTED TO GRADE														
45											45	611	99654	45	EACH	MANHOLE ADJUSTED TO GRADE														
<b>PAVEMENT</b>																														
450				92							450	253	02000	450	CY	PAVEMENT REPAIR				3										
											92	253	02001	92	CY	PAVEMENT REPAIR, AS PER PLAN														
		65,556									65,556	254	01000	65,556	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"														
		657									657	254	01600	657	SY	PATCHING PLANED SURFACE														
		9,834									9,834	407	20000	9,834	GAL	NON-TRACKING TACK COAT														
		2,732									2,732	442	20000	2,732	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448)														
		3,187									3,187	442	20200	3,187	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448)														
		5,919									5,919	442	00100	5,919	CY	ANTI-SEGREGATION EQUIPMENT														
				3							3	452	12050	3	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS														
				16							16	609	12000	16	FT	COMBINATION CURB AND GUTTER, TYPE 2														
50											50	609	12001	50	FT	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN				3										
				137							137	609	26000	137	FT	CURB, TYPE 6														
50											50	609	26001	50	FT	CURB, TYPE 6, AS PER PLAN				3										
1											1	623	39500	1	EACH	MONUMENT BOX ADJUSTED TO GRADE														
40											40	638	10800	40	EACH	VALVE BOX ADJUSTED TO GRADE														
<b>TRAFFIC CONTROL</b>																														
492											492	621	00100	492	EACH	RPM														
492											492	621	54000	492	EACH	RAISED PAVEMENT MARKER REMOVED														
			0.03								0.03	642	00104	0.03	MILE	EDGE LINE, 6", TYPE 1														
			3.87								3.87	642	00204	3.87	MILE	LANE LINE, 6", TYPE 1														
			2.08								2.08	642	00300	2.08	MILE	CENTER LINE, TYPE 1														
			3,719								3,719	642	00404	3,719	FT	CHANNELIZING LINE, 12", TYPE 1														
			160								160	642	01560	160	FT	DOTTED LINE, 12", TYPE 1														
			1,068								1,068	644	00500	1,068	FT	STOP LINE														
			2,278								2,278	644	00600	2,278	FT	CROSSWALK LINE														
			604								604	644	00700	604	FT	TRANSVERSE/DIAGONAL LINE														
			4								4	644	01110	4	EACH	SCHOOL SYMBOL MARKING, 96"														
			66								66	644	01300	66	EACH	LANE ARROW														
			4								4	644	01410	4	EACH	WORD ON PAVEMENT, 96"														
			938								938	644	01510	938	FT	DOTTED LINE, 6"														
			40								40	646	20504	40	FT	DOTTED LINE, 6"														
<b>MAINTENANCE OF TRAFFIC</b>																														
	300										300	614	11110	300	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE														
	3.87										3.87	614	20110	3.87	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT														
	2.08										2.08	614	21100	2.08	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT														
	0.03										0.03	614	22110	0.03	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT														
	3,719										3,719	614	23210	3,719	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT														
	938										938	614	24202	938	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT														
	1,068										1,068	614	26200	1,068	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT														
	2,278										2,278	614	27200	2,278	FT	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT														
	66										66	614	30200	66	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT														
	3.87										3.87	614	20560	3.87	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT														

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**GENERAL SUMMARY**

**HAM-US · 22-10.21**

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	2.08									2.08	614	21550	2.08	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
	0.03									0.03	614	22360	0.03	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
	3,719									3,719	614	23690	3,719	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	
	938									938	614	24612	938	FT	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT	
	1,068									1,068	614	26610	1,068	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
	2,278									2,278	614	27620	2,278	FT	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT	
	66									66	614	30650	66	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT	
<b>INCIDENTALS</b>																
										LS	614	11000	LS		MAINTAINING TRAFFIC	
										LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	3
										LS	624	10000	LS		MOBILIZATION	

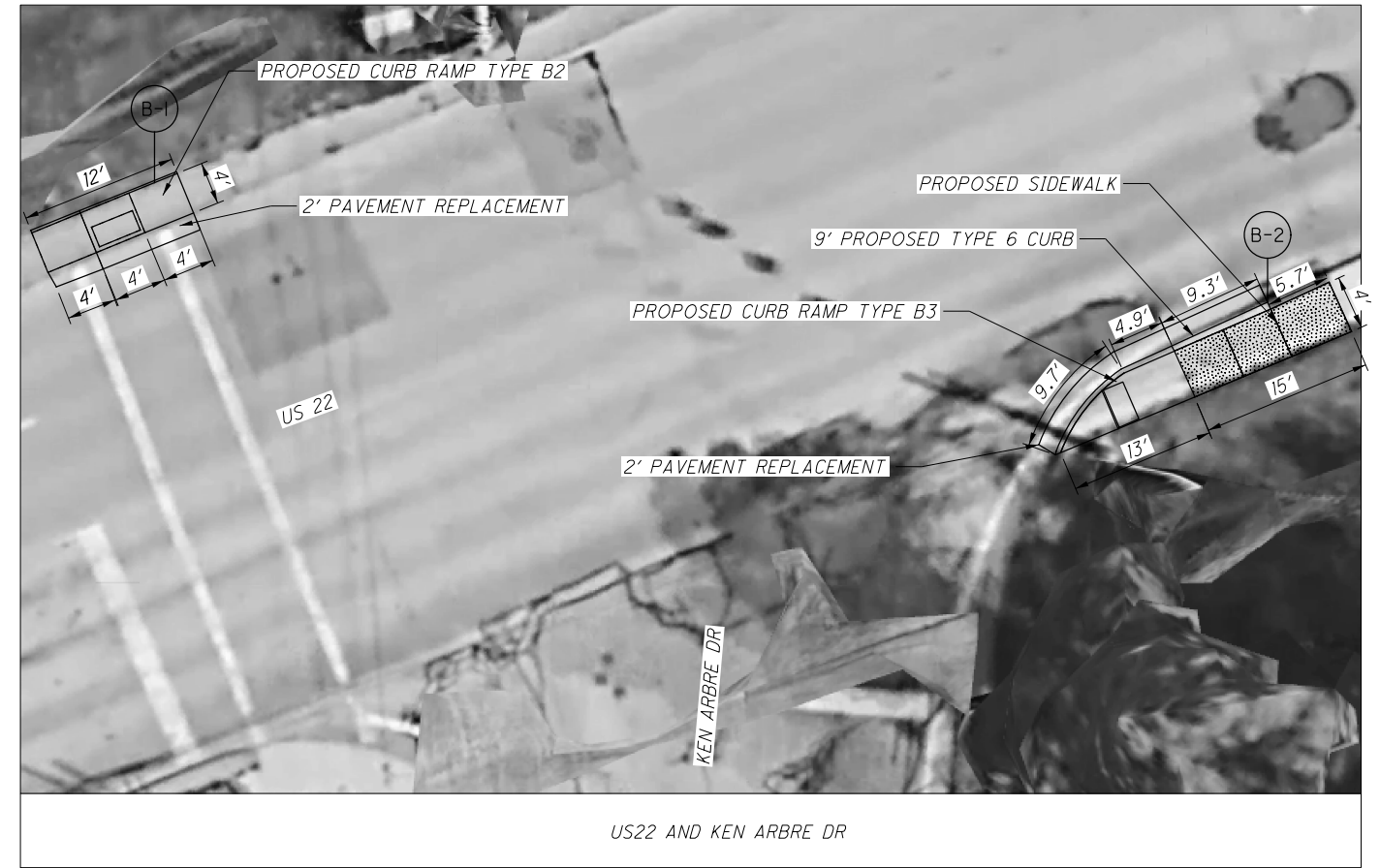
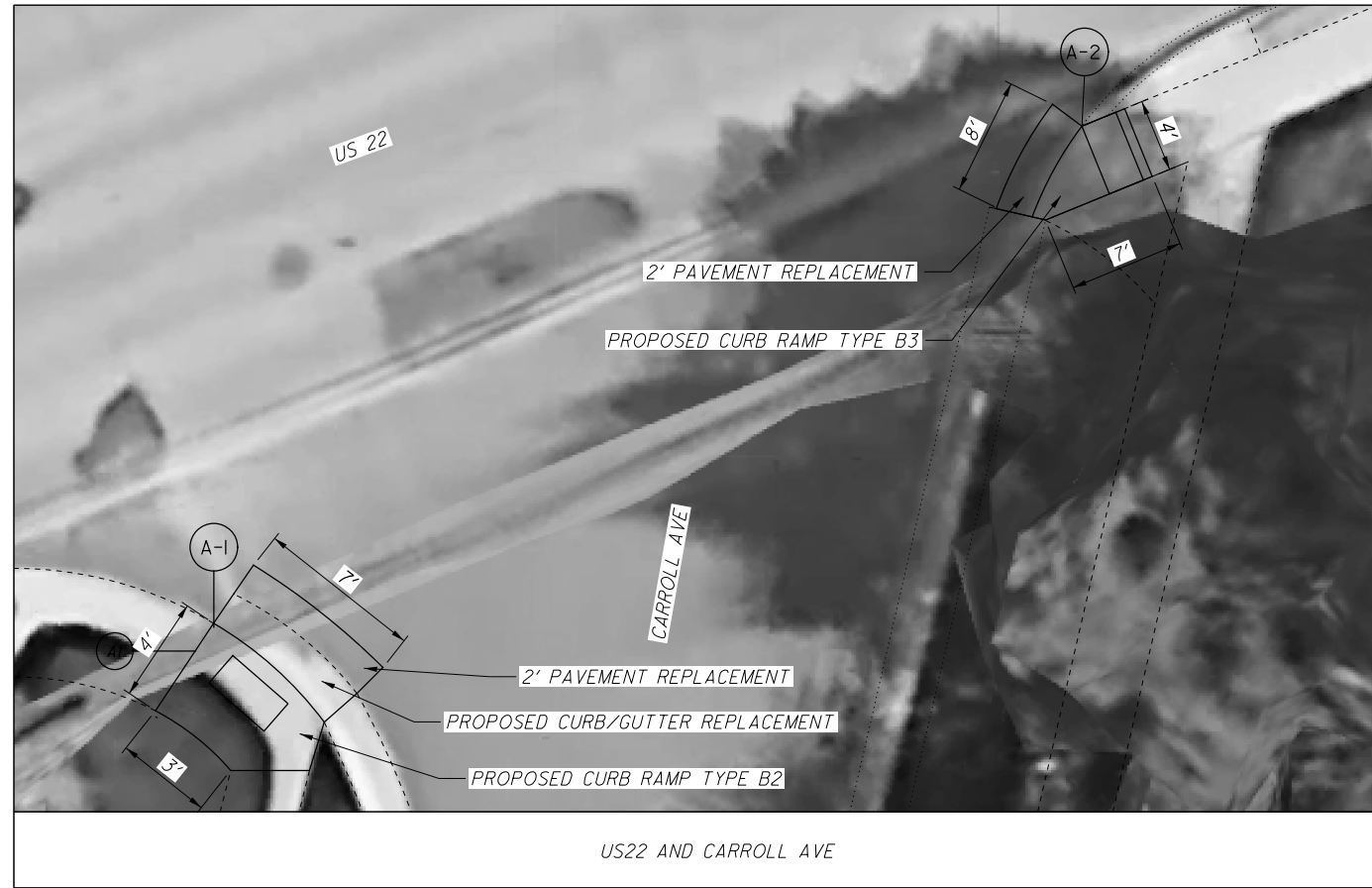
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**GENERAL SUMMARY**

**HAM-US · 22-10.21**



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PLAN SHEET  
CURB RAMPS

HAM-US-22-10.21



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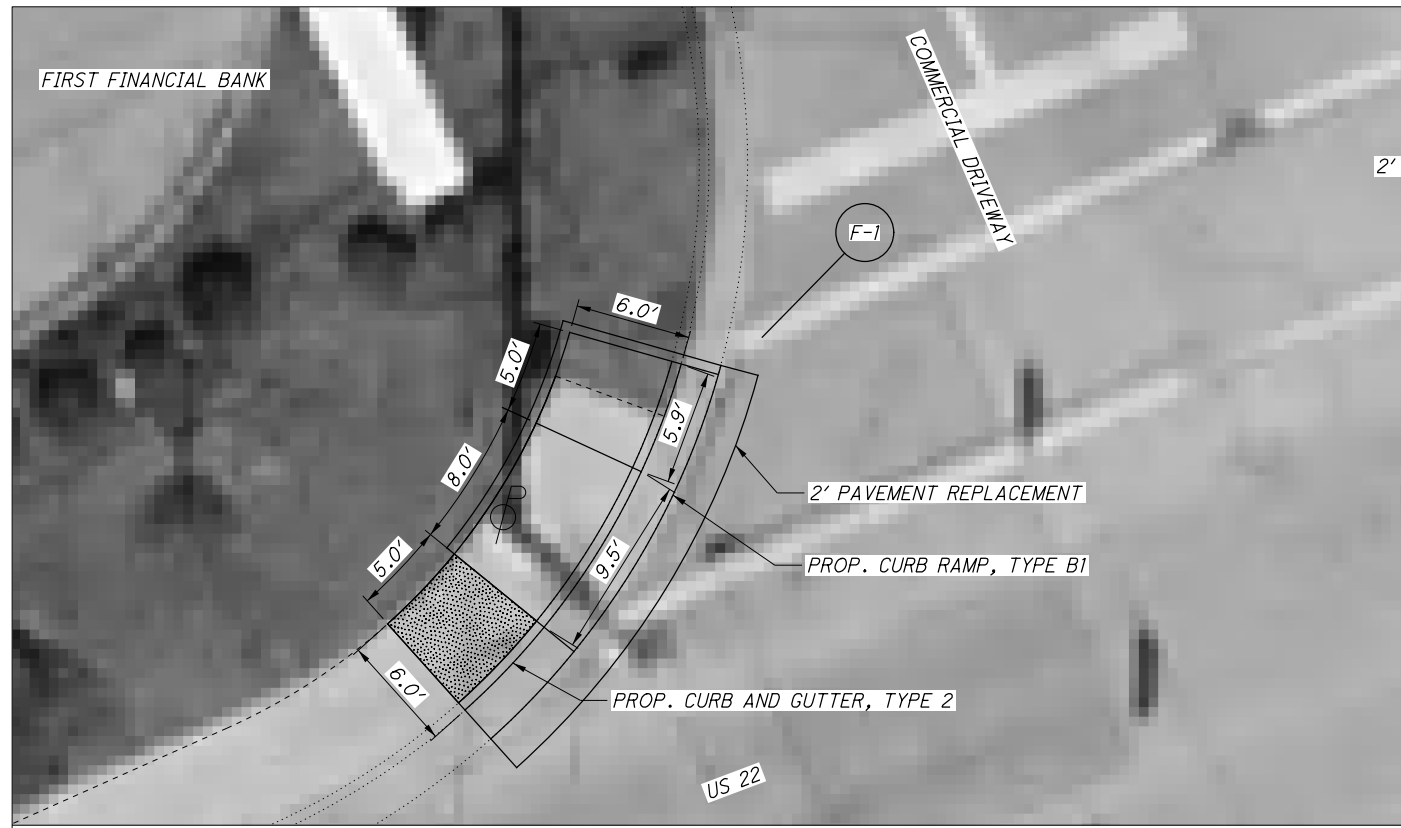
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PLAN SHEET  
CURB RAMPS

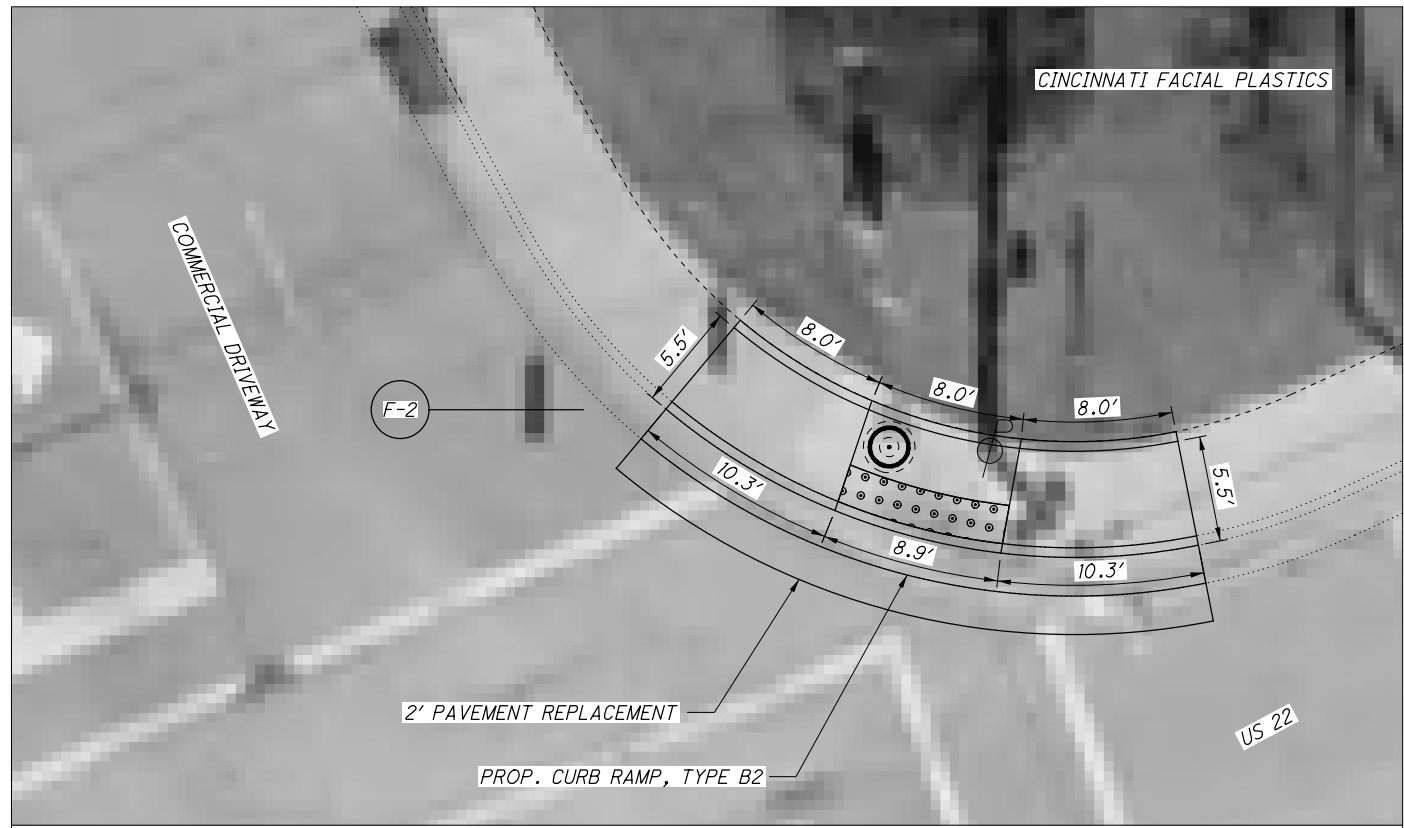
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US 22 AND COMMERCIAL DRIVE (NW CORNER) (SLM 10.87)



US 22 AND COMMERCIAL DRIVE (NE CORNER) (SLM 10.87)



US 22 AND COMMERCIAL DRIVE (SE CORNER) (SLM 10.87)

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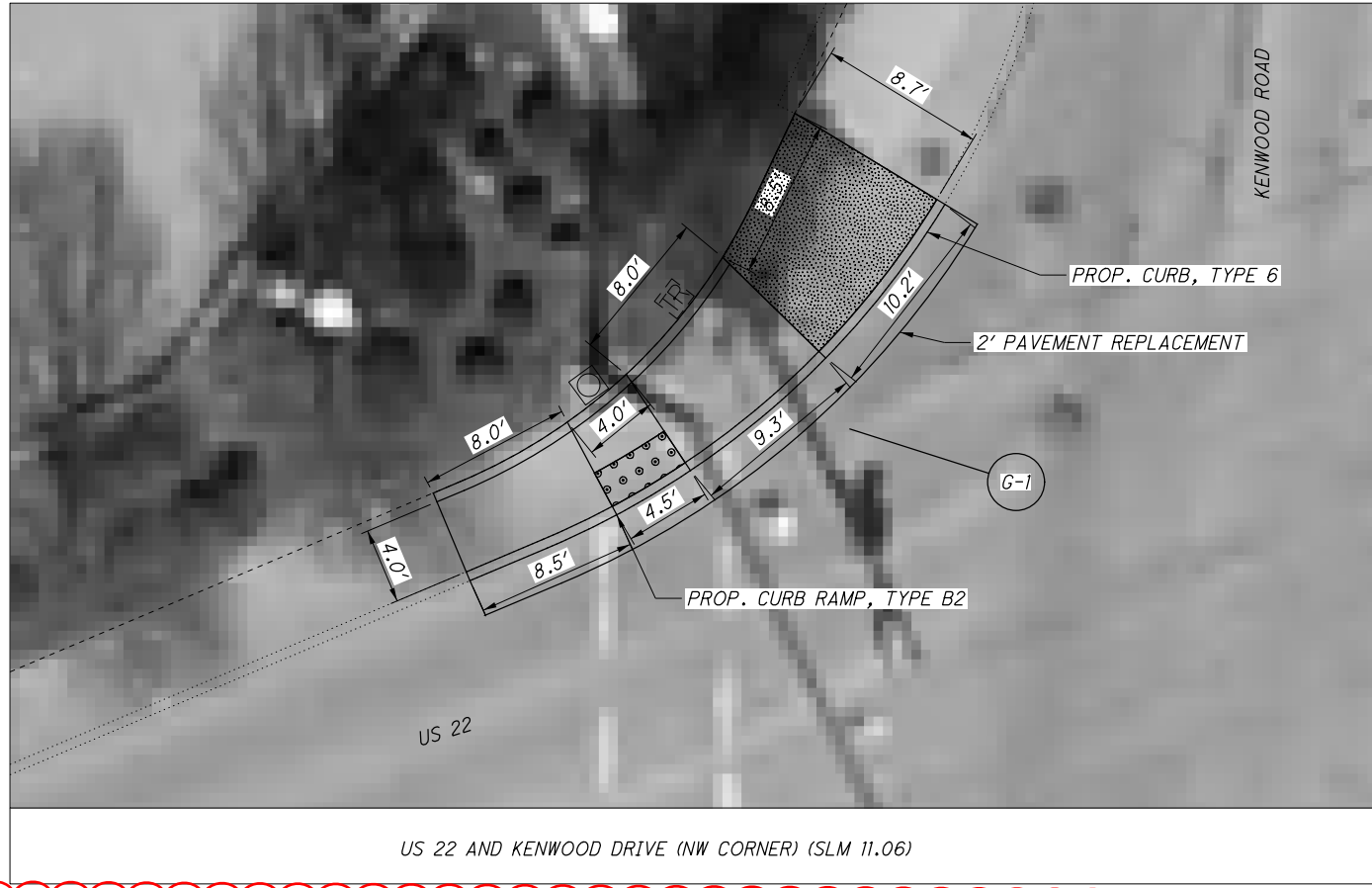
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PLAN SHEET  
CURB RAMPS

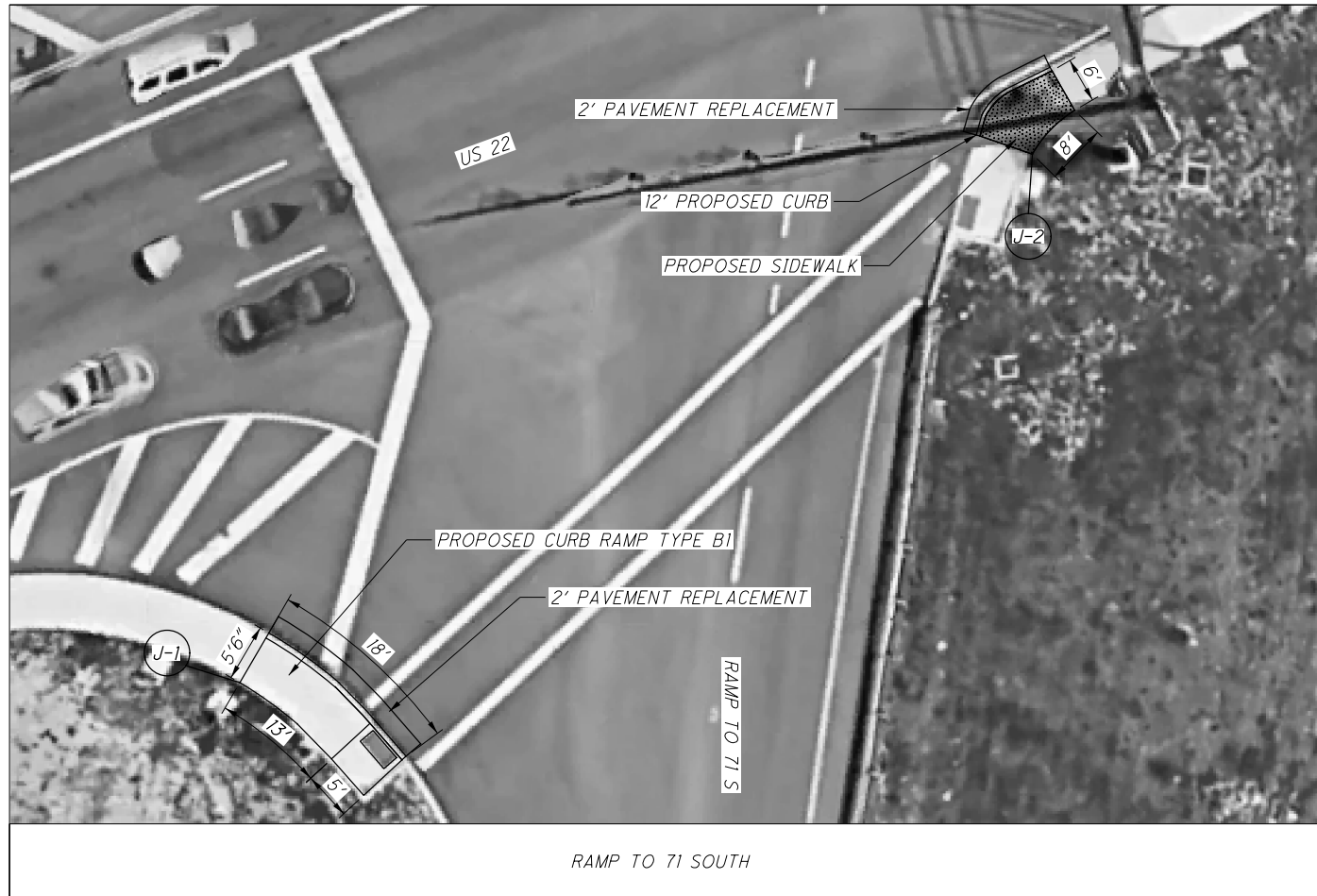
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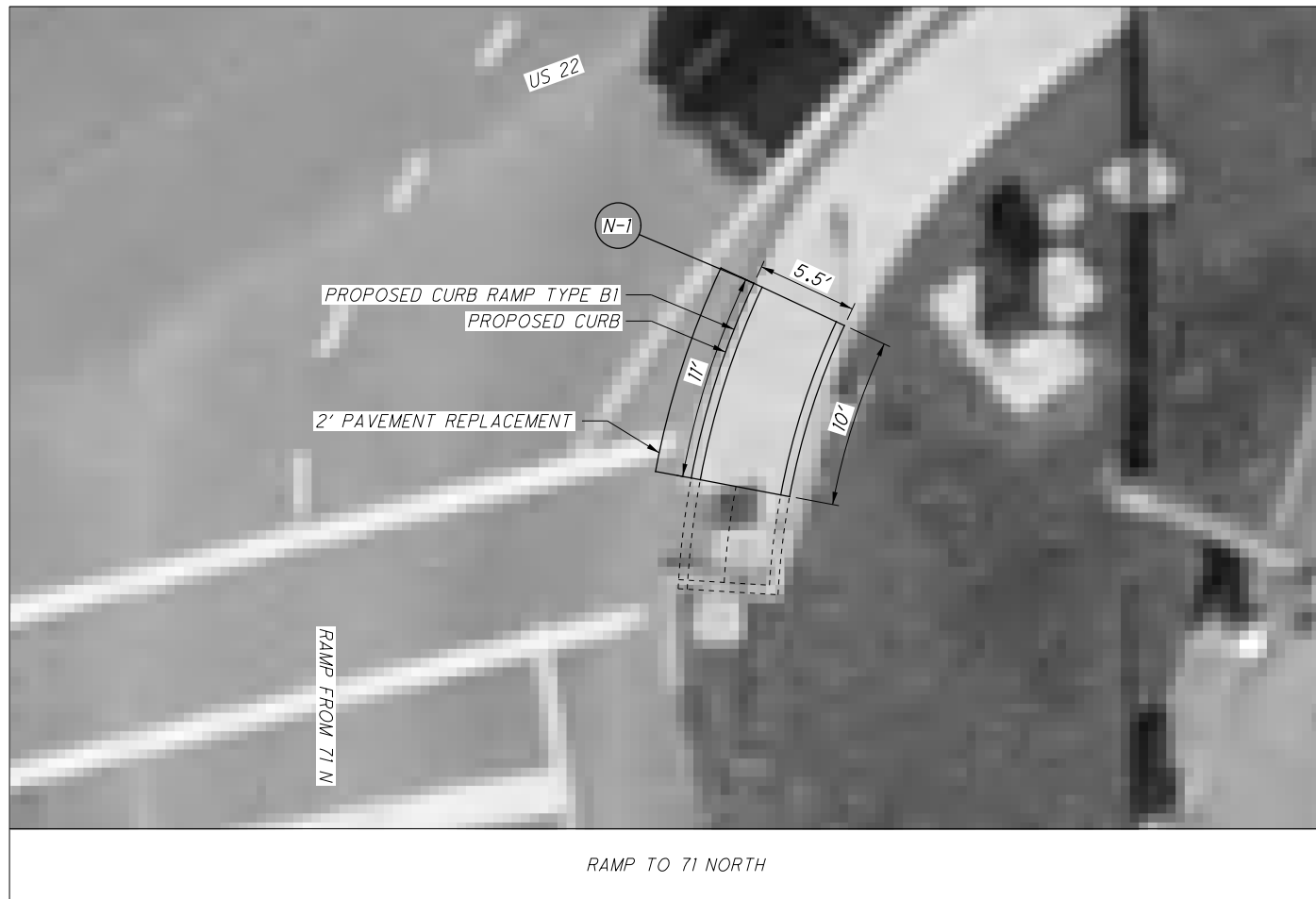
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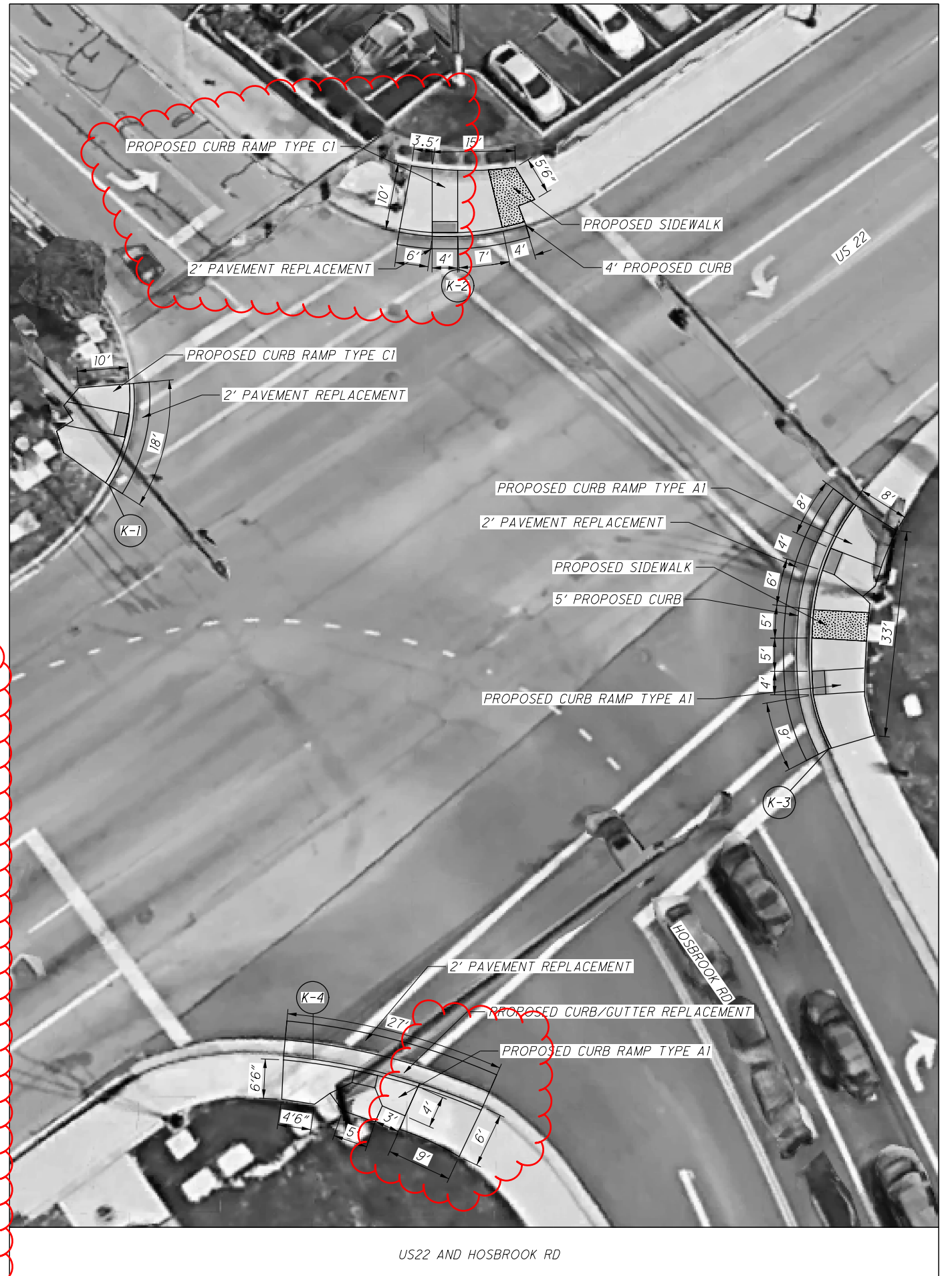
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RAMP TO 71 SOUTH



RAMP TO 71 NORTH



US22 AND HOSBROOK RD



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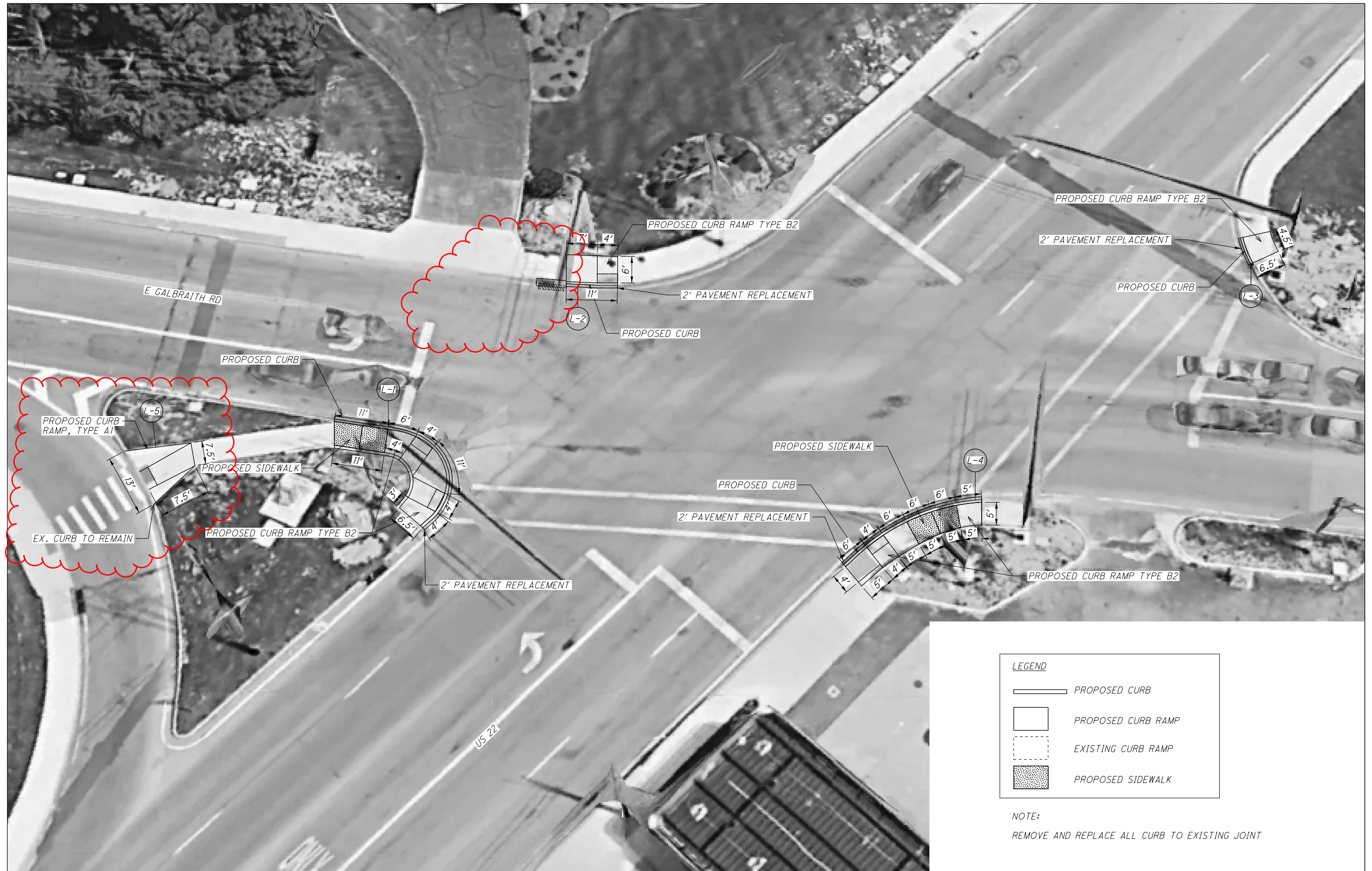
PLAN SHEET  
CURB RAMPS

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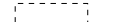

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**LEGEND**

-  PROPOSED CURB
-  PROPOSED CURB RAMP
-  EXISTING CURB RAMP
-  PROPOSED SIDEWALK

**NOTE:**  
REMOVE AND REPLACE ALL CURB TO EXISTING JOINT



NOT TO SCALE

CALCULATED	SEC	CHECKED	JDO
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**PLAN SHEET  
CURB RAMPS**

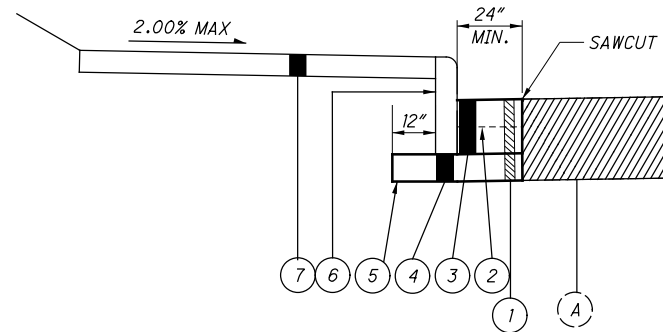
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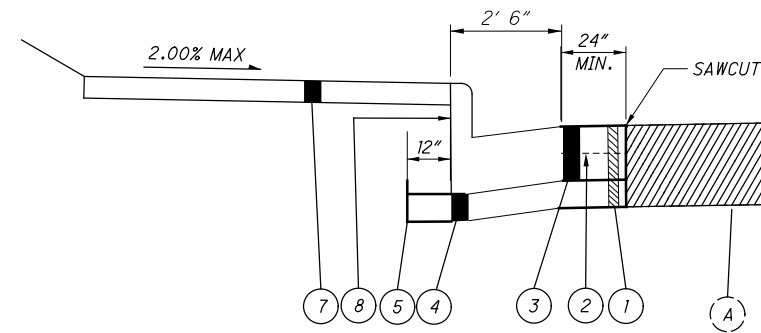
US22 AND E GALBRAITH RD

- ① ITEM 253 - PAVEMENT REPAIR, AS PER PLAN
- ② ITEM 407 - NON-TRACKING TACK COAT
- ③ ITEM 301 - 12" ASPHALT CONCRETE BASE, PG 64-22, 2 - 6" LIFTS
- ④ ITEM 304 - 6" AGGREGATE BASE
- ⑤ ITEM 204- SUBGRADE COMPACTION
- ⑥ ITEM 609 - CURB, TYPE 6
- ⑦ ITEM 608 - 4" CONCRETE WALK
- ⑧ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
- ⑨ EXISTING ASPHALT SECTION

TYPICAL SECTION 1



TYPICAL SECTION 2



NOTE: SAME PAVEMENT REPAIR BUILD-UP AT CURB RAMP LOCATIONS.

I:\PROJECTS\HAM\101887-HAM-22-9.88-Design\Roadway\Sheets\102887-ADA02.dgn Sheet 11/25/2020 10:12:22 AM whenson

COUNTY	ROUTE	LOGPOINT OR INTERSECTING STREETNAME	FOR INFORMATION ONLY					202				253	452	608		609			
			CURB RAMP TYPE PER BP-7.1					PAVEMENT REMOVED	WALK REMOVED	CURB REMOVED	CURB AND GUTTER REMOVED	PAVEMENT REPAIR, AS PER PLAN	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC MS	DETECTABLE WARNING	4" CONCRETE WALK	CURB RAMP	CURB, TYPE 6	CURB AND GUTTER TYPE 2	
			TYPE A1	TYPE B1	TYPE B2	TYPE B3	TYPE C1												DETECTABLE WARNING
HAM	22	A-1 - CARROLL AVE			1			1		33		7	1			51			
HAM	22	A-2 - CARROLL AVE				1		1		20			1		20				
HAM	22	B-1 - KEN ARBRE DR			1			1		36	12		2		48				
HAM	22	B-2 - KEN ARBRE DR				1		1		105	18		4		60	40	10		
HAM	22	C-1 - SILVERTON DR			1			1		114		21			114				
HAM	22	D-1 - GARDEN DR			1			1		84		15	2		122				
HAM	22	E-1 - CHETBERT DR			1					120		18	3		40	112	5		
HAM	22	E-2 - CHETBERT DR			1					50		10	2		75				
HAM	22	F-1 - COMMERCIAL DRIVEWAY		1				1		94		23	3		30	128	6		
HAM	22	F-2 - COMMERCIAL DRIVEWAY			1			1		47		30	4		22				
HAM	22	F-3 - COMMERCIAL DRIVEWAY				1		2		127		21	3		180				
HAM	22	G-1 - KENWOOD RD			1					188	33		5		74	125	33		
HAM	22	H-1 - COMMERCIAL DRIVEWAY #1 AT MALL			1			1			40		6		74	180	13		
HAM	22	H-2 - COMMERCIAL DRIVEWAY #1 AT MALL						1		10	19		3	10		19			
HAM	22	H-3 - COMMERCIAL DRIVEWAY #1 AT MALL						1		10	18		3	10		18			
HAM	22	I-1 - COMMERCIAL DRIVEWAY #2 AT MALL			1			1		120	28		4		144				
HAM	22	I-2 - COMMERCIAL DRIVEWAY #2 AT MALL				1		1	3	103	24		3	3	28	69	5		
HAM	22	J-1 - RAMP TO 71 SOUTH		1				1		90	18		3		100				
HAM	22	J-2 - RAMP TO 71 SOUTH									12		2		72		12		
HAM	22	K-1 - HOSBROOK RD						1		180	18		3		180				
HAM	22	K-2 - HOSBROOK RD					1	1		194	21		3		52	161	4		
HAM	22	K-3 - HOSBROOK RD						2		320		40	6		40	378	5		
HAM	22	K-4 - HOSBROOK RD			1			1		154		27	5		202				
HAM	22	L-1 - GALBRAITH RD			2			1		240	40		6		66	200	11		
HAM	22	L-2 - GALBRAITH RD			1			1		67	11		2		72				
HAM	22	L-3 - GALBRAITH RD			1					30	5		1		33				
HAM	22	L-4 - GALBRAITH RD			2			2		155	36		5		28	110	18		
HAM	22	L-5 - GALBRAITH RD		1				1		77					77				
HAM	22	M-1 - GLEN ELLYN DR				1		1		140	31		5		171				
HAM	22	N-1 - NORTHBOUND 71 EXIT RAMP			1					48	21		2		58				
TOTALS CARRIED TO GENERAL SUMMARY									3	3056	402	212	92	3	20	564	3381	137	16

CURB RAMP SUBSUMMARY

HAM-US · 22-10.21

CALCULATED  
SEC  
CHECKED  
JDO