

STATE OF OHIO DEPARTMENT OF TRANSPORTATION CHESTNUT BOULEVARD RESURFACING

CUYAHOGA FALLS
SUMMIT COUNTY

MARCH 2021

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PROJECT DESCRIPTION

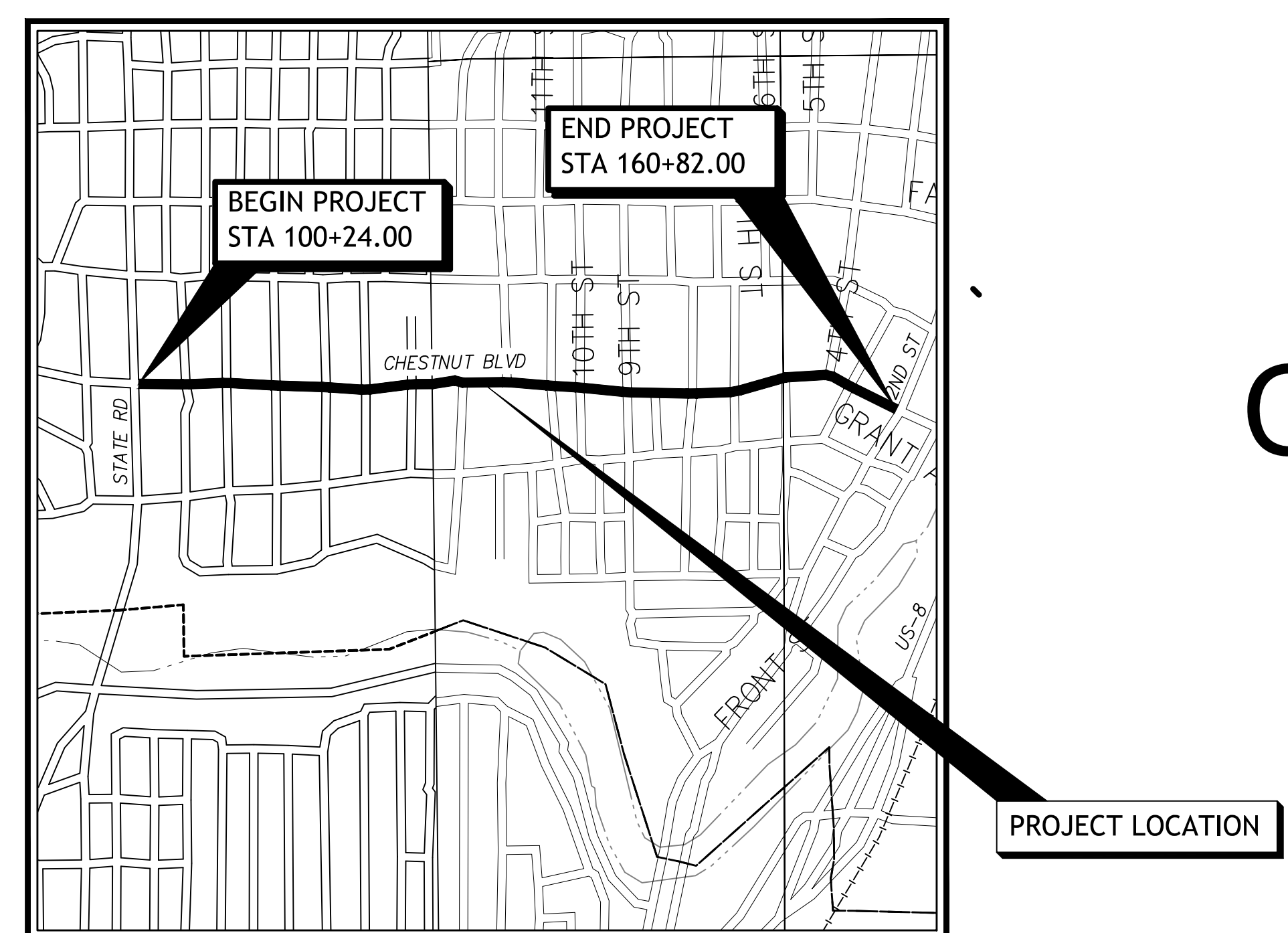
RESURFACING OF CHESTNUT BOULEVARD IN CUYAHOGA FALLS STARTING AT THE EASTERN EDGE OF INTERSECTION WITH STATE ROAD TO THE WESTERN EDGE OF INTERSECTION WITH 2ND STREET. THE LENGTH OF IMPROVEMENTS IS 6058 FEET. PROJECT INCLUDES ASPHALT MILLING, CATCH BASIN RECONSTRUCTION, PAVEMENT INSTALLATION, CURB RAMP REPLACEMENT, CURB REPLACEMENT, AND NEW PAVEMENT MARKINGS.

EARTH DISTURBED AREA

PROJECT EARTH DISTURBED AREA: N/A, MAINTENANCE PROJECT
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A
NOTICE OF INTENT EARTH DISTURBED AREA: N/A, NOI NOT REQ.

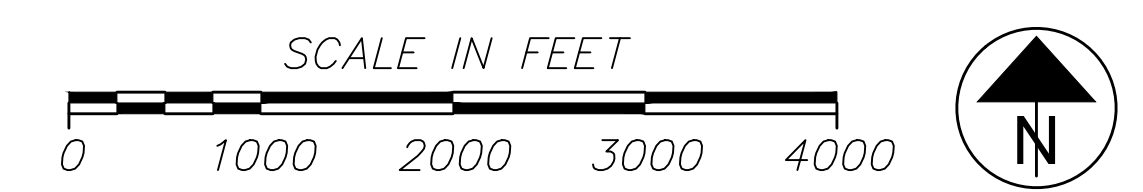
2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



LOCATION MAP

LATITUDE: 41° 07' 44.6" LONGITUDE: 81° 30' 30.0"



PORTION TO BE IMPROVED	_____
INTERSTATE HIGHWAY	_____
FEDERAL ROUTES	_____
STATE ROUTES	_____
COUNTY & TOWNSHIP ROADS	_____
OTHER ROADS	_____

DESIGN DESIGNATION

CURRENT ADT	4,273
DESIGN SPEED	25 MPH
LEGAL SPEED	25 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	MAJOR COLLECTOR
NHS PROJECT	NO

DESIGN EXCEPTIONS

----- NONE

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

PLANS PREPARED BY:

Environmental Design Group

AKRON / CLEVELAND / COLUMBUS

HQ 450 GRANT ST., AKRON, OH 44311
P 330.375.1390 / TF 800.835.1390
W ENVDESIGNGROUP.COM

ENGINEERS SEAL:

SIGNED: _____
DATE: _____

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS
BP-3.1	1/17/2020	MT-95.31	7/19/2019	SS-800
		MT-97.10	4/19/2019	SS-821
BP-5.1	1/18/2019	MT-97.11	1/20/2017	SS-832
BP-7.1	7/17/2020	MT-101.60	1/17/2020	SS-921
		MT-101.90	7/17/2020	
CB-2.2	1/15/2021			
		TC-71.10	1/19/2018	
MH-1.1	1/15/2016			
MH-1.2	1/15/2016			
DM-4.4	1/15/2016			

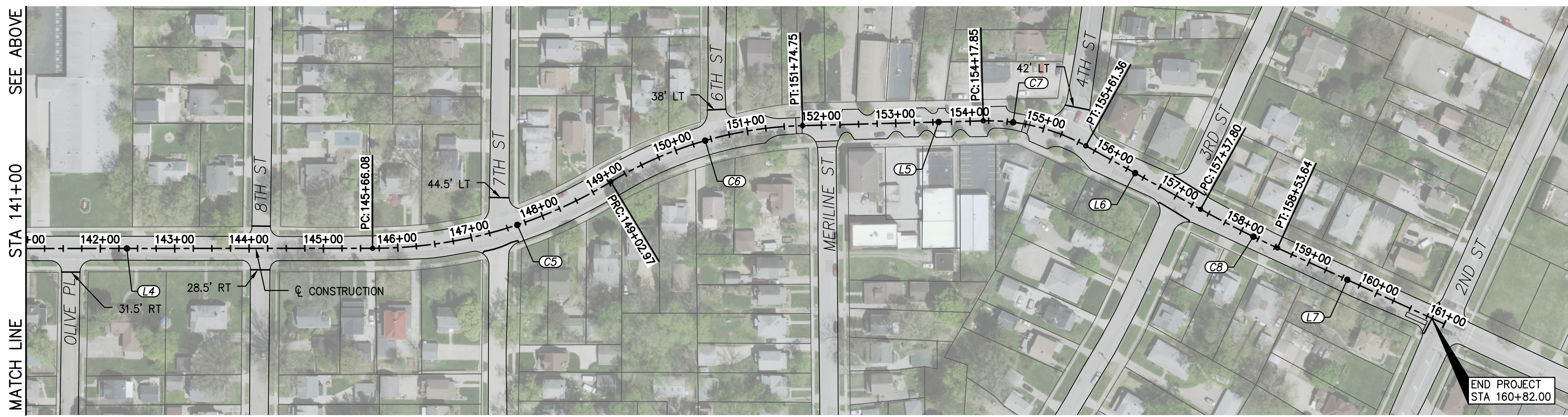
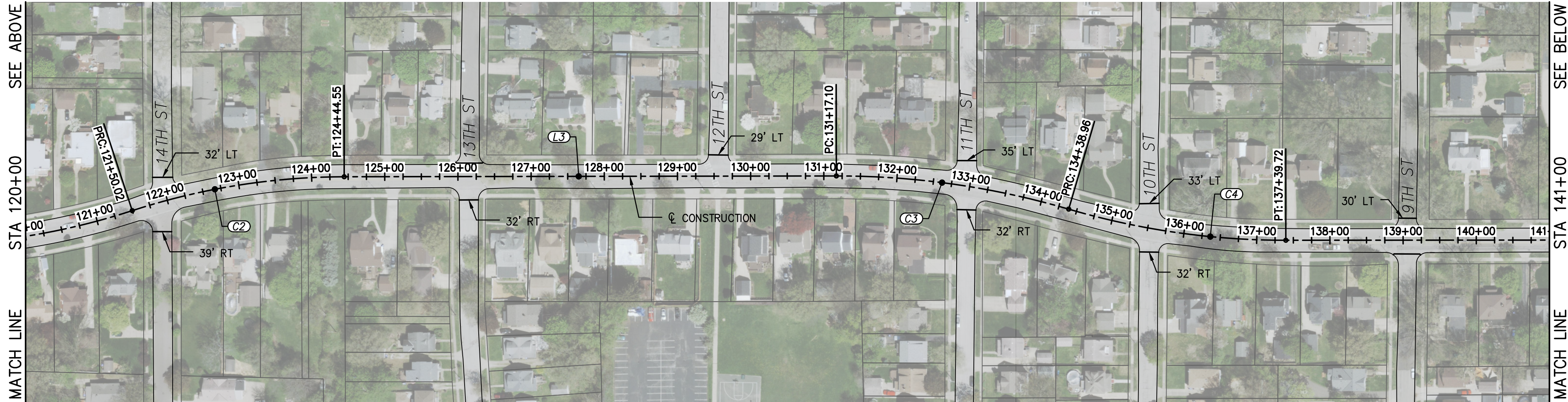
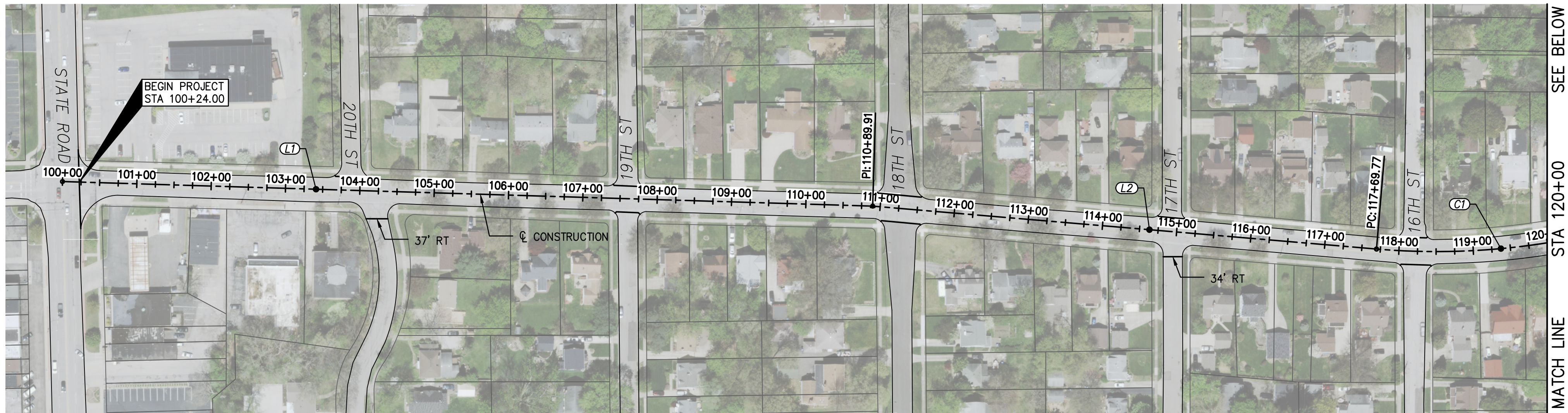
I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING OF TRAFFIC OF THE HIGHWAY AND THAT THE PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED Tony V. Demasi
DATE 3/17/2021 CITY ENGINEER, TONY DEMASI, P.E.

APPROVED Anthony L Zumbo
DATE 3/17/2021 SERVICE DIRECTOR, ANTHONY ZUMBO, P.E., P.S.

FEDERAL PROJECT NO.	E191720
CONSTRUCTION PROJECT NO.	NONE
RAILROAD INVOLVEMENT	NONE
PID NO.	108098
CHESTNUT BOULEVARD RESURFACING	1 22

E:\CUYAHOGA FALLS, CITY OF\20-00322-010 CHESTNUT BLVD RESURFACING\CADD\DELIVERABLES\20-00322-010.DWG - 1 Title Sheet - 3/17/2021 11:04:41 AM



- NOTES**
1. STA 100+00 IS AN ARBITRARY POINT SET AT THE CENTER OF THE INTERSECTION.
 2. CONSTRUCTION \mathcal{C} IS A LINE SET MIDWAY BETWEEN THE FACE OF CURB ON EACH SIDE OF THE STREET.
 3. STA 161+00 IS AN ARBITRARY POINT WITHIN THE INTERSECTION.
 4. BEGIN PROJECT STATION 100+24.00 IS A FIXED POINT (PAVING JOINT) OBSERVED IN THE FIELD.

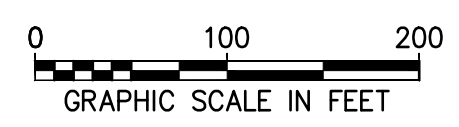
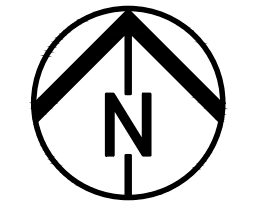
CONSTRUCTION CENTERLINE DATA					
LINE#/CURVE#	LENGTH	DIRECTION/Delta	RADIUS	SEGMENT START	SEGMENT END
L1	1089.91	S88° 15' 51.35"E		N: 534335.50 E: 2241650.17	N: 534302.49 E: 2242739.59
L2	679.85	S85° 08' 17.16"E		N: 534302.49 E: 2242739.59	N: 534244.87 E: 2243416.99
C1	380.26	022.9337	950.00	N: 534244.87 E: 2243416.99	N: 534288.31 E: 2243792.21
C2	294.53	017.9525	940.00	N: 534288.31 E: 2243792.21	N: 534334.68 E: 2244081.85
L3	672.54	N89° 54' 21.50"E		N: 534334.68 E: 2244081.85	N: 534335.79 E: 2244754.39
C3	321.87	016.4657	1120.00	N: 534335.79 E: 2244754.39	N: 534290.38 E: 2245071.92
C4	300.76	016.4116	1050.00	N: 534290.38 E: 2245071.92	N: 534247.80 E: 2245368.61
L4	826.36	N89° 57' 36.14"E		N: 534247.80 E: 2245368.61	N: 534248.38 E: 2246194.97
C5	336.89	031.1330	620.00	N: 534248.38 E: 2246194.97	N: 534337.90 E: 2246515.47
C6	271.78	029.6608	525.00	N: 534337.90 E: 2246515.47	N: 534413.53 E: 2247154.16
L5	243.09	N88° 29' 16.31"E		N: 534413.53 E: 2247154.16	N: 534419.94 E: 2247016.37
C7	143.51	030.4548	270.00	N: 534419.94 E: 2247016.37	N: 534386.31 E: 2247154.16
L6	176.44	S61° 03' 26.42"E		N: 534386.31 E: 2247154.16	N: 534300.93 E: 2247308.56
C8	115.84	004.4248	1500.00	N: 534300.93 E: 2247308.56	N: 534248.84 E: 2247412.00
L7	246.73	S65° 28' 55.58"E		N: 534248.84 E: 2247412.00	N: 534146.45 E: 2247636.48

**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: BJB
 DATE ISSUED: 2020/09/01



SCHEMATIC PLAN

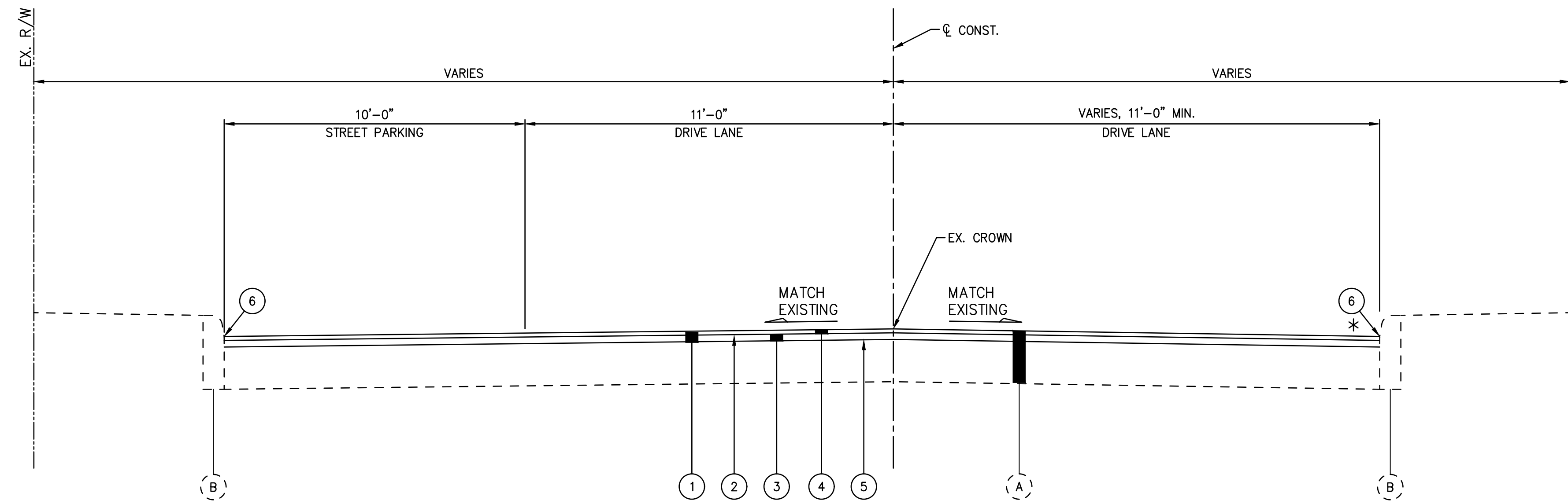
E:\CUYAHOGA FALLS CITY OF 20-00332-010 CHESTNUT BLVD RESURFACING\DRAWING\TRACINGS\20-00332-010 - 3/17/2021 11:58:55 AM

EXISTING TYPICAL SECTION LEGEND

- (A) EXISTING ASPHALT PAVEMENT
- (B) EXISTING CONCRETE CURB

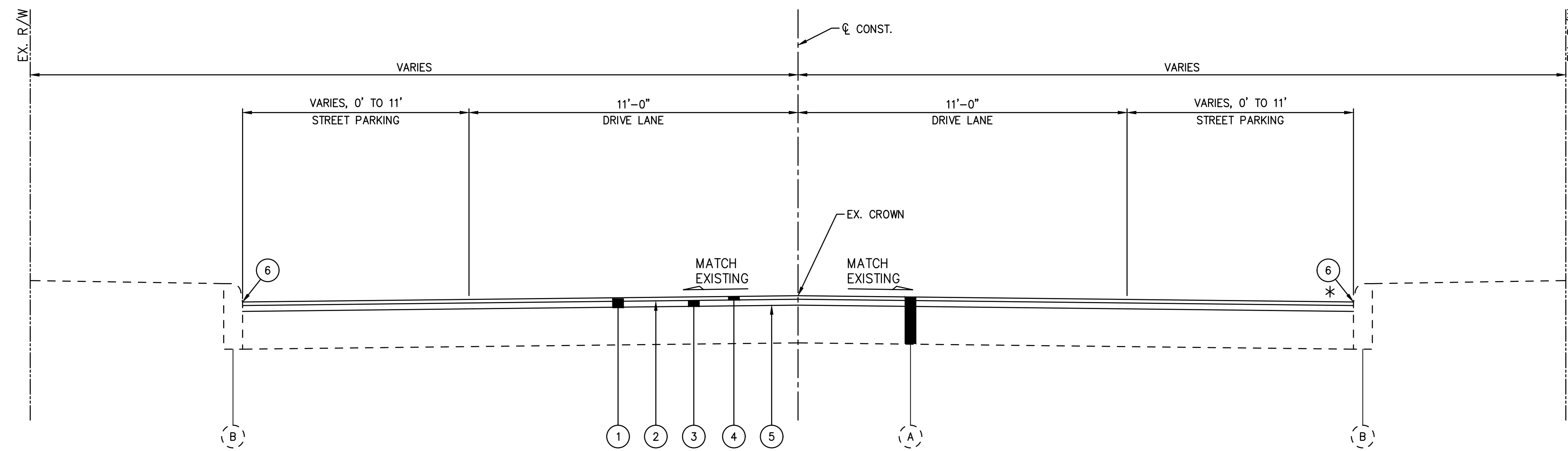
PROPOSED TYPICAL SECTION LEGEND

- ① ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T=3") *
- ② ITEM 407 - NON-TRACKING TACK COAT (APPLIED AT 0.06 GAL/SY)
- ③ ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (T=1-3/4")
- ④ ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) (T=1-1/4") (PG 70-22M)
- ⑤ ITEM 407 - NON-TRACKING TACK COAT (APPLIED AT 0.09 GAL/SY)
- ⑥ 705.04 - HOT APPLIED JOINT SEALANT



*** MILLING OPERATIONS**
 CERTAIN AREAS HAVE EXISTING CONCRETE GUTTER THAT HAS BEEN RESURFACED WITH ASPHALT. MILLING OPERATIONS WILL INCLUDE THE REMOVAL OF CONCRETE TO THE DEPTH INDICATED IN THE TYPICAL SECTION. THERE WILL BE NO ADDITIONAL PAYMENT.

SECTION APPLIES:
 STA 100+24.00 TO STA 151+50.00 = 5126.00 LF
 STA 157+38.00 TO STA 160+82.00 = 344.00 LF
 5470.00 LF



*** MILLING OPERATIONS**
 CERTAIN AREAS HAVE EXISTING CONCRETE GUTTER THAT HAS BEEN RESURFACED WITH ASPHALT. MILLING OPERATIONS WILL INCLUDE THE REMOVAL OF CONCRETE TO THE DEPTH INDICATED IN THE TYPICAL SECTION. THERE WILL BE NO ADDITIONAL PAYMENT.

SECTION APPLIES:
 STA 151+50.00 TO STA 157+38.00 = 588.00 LF
 588.00 LF

**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.:	20-00332-010
DRAWN BY:	SDK & CMR
CHECKED BY:	BJB
DATE ISSUED:	2020/09/01

TYPICAL SECTIONS

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GENERAL

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, AND EXERCISE PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF ALL PERSONS, INCLUDING EMPLOYEES, AND PROPERTY.

CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AT ALL TIMES, PARTICULARLY WHEN WORKING NEAR UNDERGROUND OR OVERHEAD ELECTRICAL LINES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, PAYING ALL FEES, SCHEDULING AND OBTAINING ALL INSPECTIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR SHOP DRAWING SUBMITTALS TO THE NECESSARY AGENCIES FOR PERMITS AND APPROVALS.

THE CONTRACTOR WILL BE REQUIRED TO OBTAIN ROAD OPENING PERMITS FOR ANY WORK.

ANY DEFECTS IN CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP, SHALL BE CORRECTED BY REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY THE OWNER. THE COST SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

ANY MODIFICATIONS TO THE WORK AS SHOWN ON THESE APPROVED PLANS SHALL HAVE PRIOR WRITTEN APPROVAL OF THE OWNER.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

AT&T
50 WEST BOWERY STREET 6TH FLOOR
AKRON, OHIO 44308
ATTN: LUCY HINSHAW
PHONE: 330-384-3048

CHARTER COMMUNICATIONS (SPECTRUM)
530 S. MAIN STREET
AKRON, OHIO 44311
ATTN: ANDREW FETTERMAN
PHONE: 330-633-9203

DOMINION EAST OHIO
ATTN: 2ND FLOOR RELOCATION DESIGN
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OHIO 44333
PHONE: 330-664-2409
FAX: 888-504-0126
EMAIL: RELOCATION@DOMINIONENERGY.COM

FIRST ENERGY
1910 WEST MARKET STREET BLDG 1
AKRON, OHIO 44313
ATTN: ERIC LEONARD
PHONE: 330-436-4153

MCI COMMUNICATIONS
202 MONTROSE WEST AVENUE #310
AKRON, OHIO 44321
PHONE: 330-666-7585

CITY OF CUYAHOGA FALLS STORM AND WATER DEPARTMENTS
2310 SECOND STREET
CUYAHOGA FALLS, OHIO 44221
PHONE: 330-971-8130

CITY OF CUYAHOGA FALLS ELECTRICAL DEPARTMENT
2550 BAILEY ROAD
CUYAHOGA FALLS, OHIO 44221

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO AND GAS PROCEDURES UNDERGROUND PROTECTION SERVICE (OGPUPS), AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS.
OUPS 1-800-362-2764 (CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)
OGPUPS 1-800-925-0988

EXISTING UTILITIES ARE NOT INDICATED ON THE PLANS. CONTRACTOR SHALL HAVE UTILITIES MARKED AT LOCATIONS OF PROPOSED EXCAVATION.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PROFILE AND ALIGNMENT

THE PROPOSED PAVEMENT SHALL FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. THE PROPOSED ASPHALT CONCRETE PLANING AND OVERLAY SHALL BE A UNIFORM THICKNESS OF 3.00 INCH AND 3.00 INCH RESPECTIVELY, AND MATCH EXISTING CROSS SLOPE, AS SHOWN ON THE TYPICAL SECTIONS.

INTERSECTIONS

INTERSECTIONS WILL BE RESURFACED TO THE RETURN ON THE SIDE STREET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR INDICATED IN THE PLAN. INTERSECTIONS SHALL BE PAVED AFTER COMPLETION OF THE SURFACE COURSE OR WITH THE MAINLINE PAVEMENT IF THIS CAN BE ACCOMPLISHED WITHOUT CHANGING THE VELOCITY AND DIRECTION OF THE PAVER. USE THE SAME ASPHALT CONCRETE AS THE MAINLINE PAVEMENT. A BUTT JOINT, AS PER STANDARD CONSTRUCTION DRAWING BP-3.1, SHALL BE USED TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING PAVEMENT. ANY GRADING OR PRIME NECESSARY TO ACCOMPLISH THIS WORK SHALL BE INCLUDED IN THE COST OF THE ASPHALT SURFACE COURSE.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 6 PM AND 7 AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY AN ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

ADVANCED NOTICE TO PAVE

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE PROJECT ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO EXECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

TIME LIMITATION, TRAFFIC ON A MILLED SURFACE

THE MAXIMUM ALLOWABLE TIME FOR TRAFFIC TO BE PLACED ON A MILLED SURFACE SHALL BE SEVEN (7) CONSECUTIVE CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$2000 PER DAY THAT THE TRAFFIC IS PLACED ON A MILLED SURFACE BEYOND THE SPECIFIED LIMIT.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES NEEDED TO INFORM SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO), THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS. INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATIONS, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER IMMEDIATELY.

ITEM 203 – EXCAVATION FOR PAVEMENT REPAIR

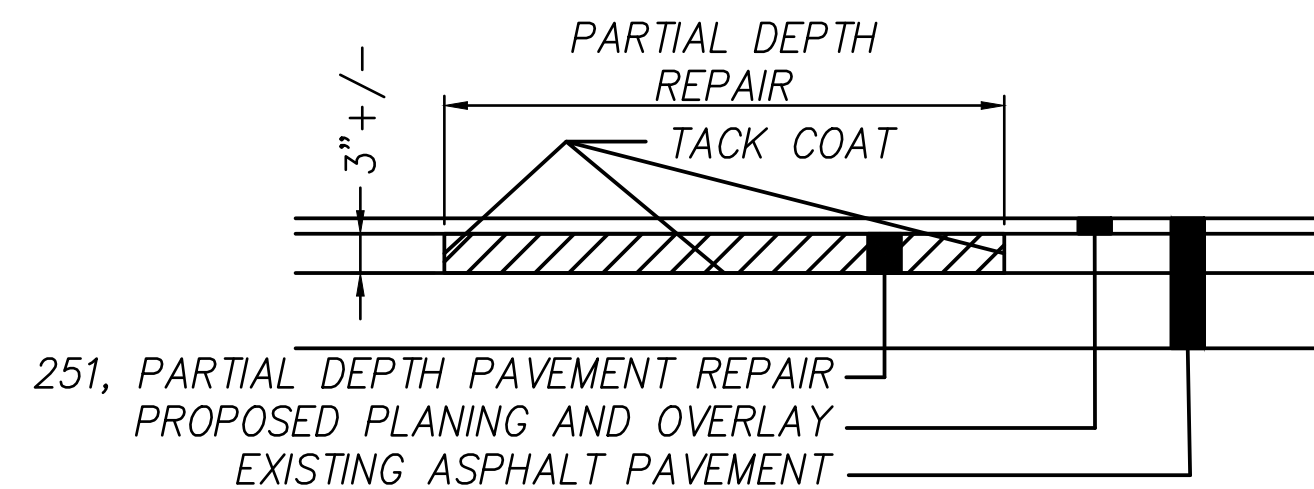
THIS ITEM OF WORK SHALL CONSIST OF REMOVING AND DISPOSING OF ALL UNSUITABLE MATERIAL BY EXCAVATING THE EXISTING SUBGRADE AND SUBBASE TO AN AVERAGE DEPTH OF 6 INCHES BELOW THE LOWEST COURSE OF PAVING MATERIAL, OR AS DIRECTED BY THE ENGINEER. EXACT LIMITS OF REMOVAL SHALL BE DETERMINED BY THE ENGINEER. ALL EQUIPMENT, LABOR, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203 EXCAVATION FOR PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 203, EXCAVATION 167 CU. YD.

ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (441)

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THE ITEM SHALL CONSIST OF REPAIRING EXISTING LOCATIONS EXHIBITING SURFACE DETERIORATION AND PLACING ITEM 441 ASPHALT CONCRETE, TYPE 2. THE ASPHALT CONCRETE SHALL BE COMPACTED WITH A TYPE 1 PNEUMATIC TIRE ROLLER AND A STEEL WHEEL ROLLER AS PER 401.13. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE CITY ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER, THIS ITEM SHALL BE PERFORMED AFTER THE COMPLETION OF MAINLINE PAVEMENT PLANNING. ALSO, THIS ITEM SHALL COMMENCE WITHIN 7 DAYS OF THE COMPLETION OF MAINLINE PAVEMENT PLANNING. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441) 1000 SQ. YD.

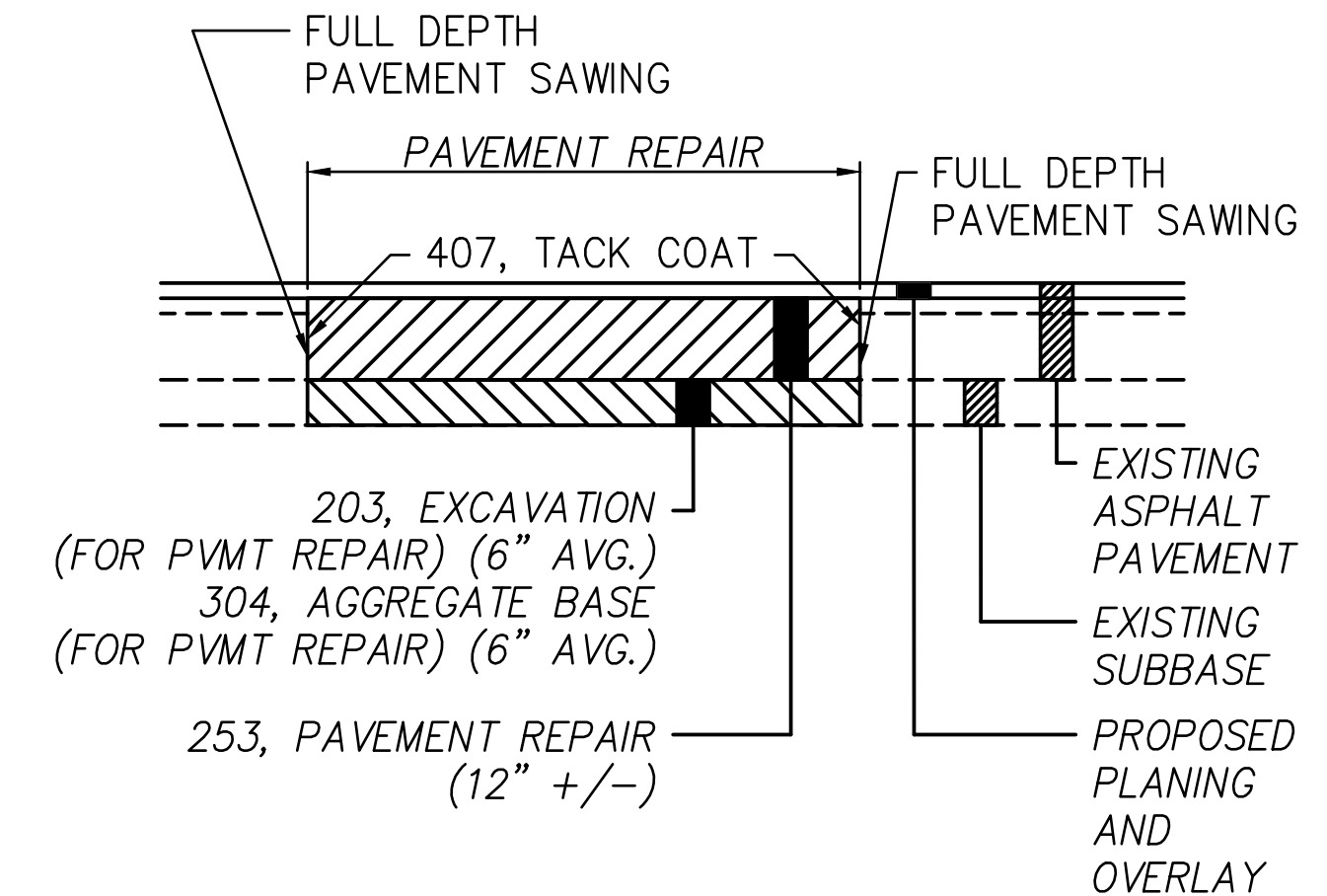


251, PARTIAL DEPTH PAVEMENT REPAIR (441)
PROPOSED PLANING AND OVERLAY
EXISTING ASPHALT PAVEMENT

ITEM 253 – PAVEMENT REPAIR

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THIS ITEM SHALL CONSIST OF CUTTING AND REMOVING DETERIORATED PAVEMENT FULL DEPTH AND PLACING 12" +/- 301 ASPHALT CONCRETE BASE, PG64-22. THE MAXIMUM COMPACTED DEPTH OF ANY ONE LAYER SHALL BE 6 INCHES. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED AFTER THE COMPLETION OF MAINLINE PAVEMENT PLANNING. ALSO, THIS ITEM SHALL COMMENCE WITHIN 7 DAYS OF THE COMPLETION OF MAINLINE PAVEMENT PLANNING. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED AND REPLACED TO THE LIMITS DESIGNATED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 253, PAVEMENT REPAIR 1000 SQ YD



PAVEMENT RESTORATION FOR DRAINAGE STRUCTURE INSTALLATIONS

THE FOLLOWING QUANTITY IS PROVIDED FOR PAVEMENT RESTORATION FOLLOWING INSTALLATION OF ITEM 611, DRAINAGE STRUCTURES.

ITEM 301, ASPHALT CONCRETE BASE, PG64-22. 0.33 CU. YDS.

THE ABOVE QUANTITY IS BASED ON A 301 THICKNESS OF SIX INCHES AND A WIDTH OF TWO FEET AROUND THE PERIMETER OF THE DRAINAGE STRUCTURE. PROVIDE ANY MATERIALS USED OUTSIDE THE LIMITS STATED ABOVE AT NO ADDITIONAL COST.

ITEM 304 – AGGREGATE BASE, AS PER PLAN

GRANULATED SLAG (GS) AND/OR CRUSHED CONCRETE SHALL NOT BE PERMITTED FOR THIS ITEM. ALL OTHER REQUIREMENTS OF SECTIONS 304 AND 703.17 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL STILL BE APPLICABLE.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN PROVIDED AND SHALL BE USED AS DIRECTED BY THE ENGINEER TO BACKFILL AREAS WHICH WERE EXCAVATED UNDER ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 304, AGGREGATE BASE, AS PER PLAN 167 CU. YD.

PAVEMENT SAWCUTTING

ALL PAVEMENT SAWCUTTING SHALL BE CONSIDERED INCIDENTAL TO THE WORK REQUIRING IT. COSTS FOR SAWCUTTING SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM. THERE WILL BE NO SEPARATE PAY ITEM FOR SAWCUTTING.

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.:	20-00332-010
DRAWN BY:	SDK & CMR
CHECKED BY:	BJB
DATE ISSUED:	2020/09/01

GENERAL NOTES

E:\CUYAHOGA FALLS CITY OF 20-00332-010 CHESTNUT BLVD RESURFACING\CAD\DESIGN\TRACINGS\20-00332-010 - 3/17/2021 11:59:38 AM

ITEM 253 – PAVEMENT REPAIR MISC.: BRICK CROSSWALK REPLACEMENT

REPLACEMENT SHALL TAKE PLACE AT EXISTING BRICK CROSS WALK AT APPROXIMATE STATION 154+75. REMOVE EXISTING BROKEN AND UNEVEN PAVING BRICK, APPROXIMATE 3 FOOT BY 3 FOOT AREA. COMPACT EXISTING SAND BED, ADD SAND IF REQUIRED. ENSURE THAT NEW BRICK WILL BE LEVEL AND MATCH EXISTING SURFACE ELEVATION. REPLACE BRICK WITH NEW PAVING BRICK TO MATCH EXISTING SIZE AND COLOR. APPLY FINE SAND TO REPAIR AREA AND BROOM SURFACE TO FORCE SAND INTO JOINTS BETWEEN BRICKS. REMOVE EXCESS SAND. PAYMENT WILL BE MADE AT THE UNIT PRICE BID, AND WILL INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE REMOVAL AND INSTALLATION OF THE PAVING BRICK. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN PROVIDED TO COMPLETE THIS WORK:

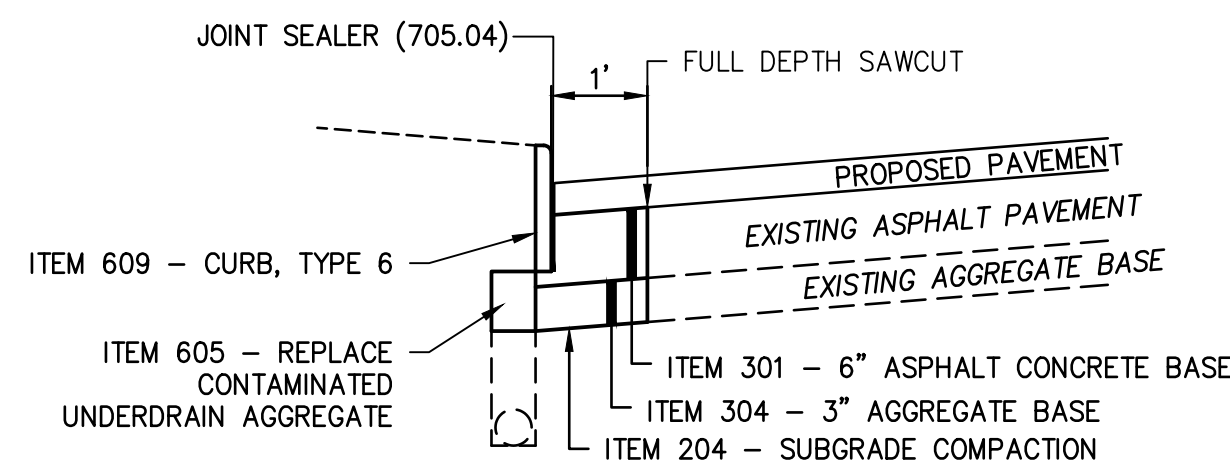
ITEM 253, PAVEMENT REPAIR, MISC.: BRICK CROSSWALK REPLACEMENT 1 SY

ITEM 609 – CURB, MISC.: CURB, TYPE 6 REPLACEMENT

CURB, MISC.: CURB, TYPE 6 REPLACEMENT SHALL CONSIST OF REMOVING AND REPLACING EXISTING CURB THAT IS IN POOR CONDITION AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTALS REQUIRED FOR THE COMPLETE INSTALLATION, INCLUDING SAWCUT, REMOVAL OF THE EXISTING CURB, EXCAVATION, PROPOSED CURB, UNDERDRAIN AGGREGATE, BACKFILLING, AND TOPSOIL/SEED/MULCH OVER THE ENTIRE DISTURBED AREA SHALL BE INCLUDED IN THE UNIT PRICE BID PER FOOT OF ITEM 609 – CURB, MISC.: CURB, TYPE 6 REPLACEMENT. PAVEMENT REMOVAL AND REPLACEMENT QUANTITIES AT CURB REPLACEMENT WITHIN THE LIMITS SHOWN BELOW WILL BE PAID SEPARATELY. ANY WORK BEYOND THESE LIMITS WILL BE AT THE CONTRACTOR'S EXPENSE.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 204, SUBGRADE COMPACTION 12 SY
 ITEM 301, ASPHALT CONCRETE BASE 2 CY
 ITEM 304, AGGREGATE BASE 1 CY
 ITEM 609, CURB, MISC.: CURB, TYPE 6 REPLACEMENT 100 FT



CONCRETE CURB REPAIR DETAIL

ITEM 611 – MANHOLE ADJUSTED TO GRADE

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY AND IS TO BE USED AS DIRECTED BY THE ENGINEER TO ADJUST MANHOLES TO GRADE.

ITEM 611, MANHOLE ADJUSTED TO GRADE 26 EACH

ITEM 625 – PULL BOX MISC.: PULL BOX ADJUSTED TO GRADE

ADJUST EXISTING PULL BOX TO FINISHED GRADE SUCH THAT IT WILL BE FLUSH WITH SURROUNDING CONCRETE WALK. ALL WIRING SHALL REMAIN IN SERVICE THROUGHOUT THE ADJUSTMENT AND IN THE SAME CONDITION AFTER ADJUSTMENT AS EXISTING.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID, AND WILL INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE ADJUSTMENT.

ITEM 632 – DETECTOR LOOP, AS PER PLAN

REPLACE EXISTING DETECTOR LOOPS WITH NEW RECTANGULAR DETECTOR LOOPS (30'L X 6'W) AS SHOWN ON PLAN. ALSO REFER TO ODOT STANDARD DRAWING TC 82.10. INCLUDE ALL WORK WITHIN PAVEMENT AND OUTSIDE THE PAVEMENT (INCLUDING SPLICING NEW LOOP DETECTOR WIRE TO THE EXISTING LEAD-IN CABLE) IN THE PRICE BID FOR EACH DETECTOR LOOP.

ITEM 638 – VALVE BOX ADJUSTED TO GRADE

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY AND IS TO BE USED AS DIRECTED BY THE ENGINEER TO ADJUST VALVE BOXES TO GRADE:

ITEM 638, VALVE BOX ADJUSTED TO GRADE 25 EACH

CURB RAMP IMPROVEMENTS

THE CONTRACTOR SHALL STRICTLY ADHERE TO THE CURRENT CURB RAMP STANDARD DRAWINGS REFERENCED ON THE TITLE SHEET. NOTE THE LIMITS ON THE STANDARD DRAWINGS (GRAY SHADED PORTIONS) SHOWN TO BE PART OF THE CURB RAMP PAY QUANTITY. ALSO NOTE THE DIMENSIONS AND SLOPES OF THE RAMP AND LANDING AREA SHOWN ON THE STANDARD DRAWINGS, PLUS THE NOTES THAT ADDRESS CURB RAMPS IN EXISTING SIDEWALK AREAS ON SHEET 2. THESE DRAWINGS DO NOT PROVIDE ELEVATIONS FOR THE CONTRACTOR TO BUILD TO. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ASBUILT ELEVATION DRAWINGS TO SHOW HE HAS COMPLIED WITH THE SLOPES AND DIMENSIONS SHOWN ON THE STANDARD DRAWINGS. THE MAJORITY OF THE CURB RAMP IMPROVEMENTS IN THESE PLANS REQUIRE A TYPE C2 RAMP. FOR THIS, PORTIONS OF THE SIDEWALK BEYOND THE LANDING PAD ARE INCLUDED IN THE RAMP PAY AREA TO PROVIDE GRADE TRANSITION FROM THE NORMAL SIDEWALK ELEVATION TO THE LANDING PAD ELEVATION. THE CONTRACTOR SHALL CHECK EXISTING CURB AND SIDEWALK ELEVATIONS PRIOR TO DEMOLITION AND ADVISE IF THE EXISTING CONDITIONS DO NOT REQUIRE ANY GRADE TRANSITION FROM THE SIDEWALK TO THE LANDING PAD. IF SO, THEN DO NOT REMOVE THE SIDEWALK SLABS ADJACENT TO THE LANDING PAD.

STORM SEWER AND DRIVEWAY APRON REPLACEMENT, STA 103+12

REMOVE EXISTING STORM SEWER BETWEEN S-3 AND S-3A AND REPLACE IT WITH 12-INCH REINFORCED CONCRETE PIPE. MATCH EXISTING PIPE SLOPE. BEDDING AND BACKFILL SHALL BE ODOT ITEM 304, COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY. ALONG WITH THE STORM SEWER, REMOVE THE CATCH BASIN, CURB, 9' X 7' SECTION OF CONCRETE DRIVEWAY APRON, AND ASPHALT PAVEMENT. REPLACE THE PAVEMENT WITH THE BUILD-UP NOTED IN THE PAVEMENT RESTORATION FOR DRAINAGE STRUCTURE INSTALLATION NOTE. REPLACE THE SECTION OF DRIVEWAY APRON WITH NON-REINFORCED CONCRETE PAVEMENT, 8 INCHES THICK. REPLACE CURB WITH TYPE 6 CURB AS PER THE CURB, MISC.: CURB, TYPE 6 REPLACEMENT NOTE.

ITEM SPECIAL – MISCELLANEOUS METAL

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF THE REQUIRED TYPE, SIZE AND STRENGTH (HEAVY OR LIGHT FOR THE PARTICULAR STRUCTURE IN QUESTION. ALL MATERIAL SHALL MEET ITEM 611 OF THE SPECIFICATIONS AND SHALL HAVE THE PRIOR APPROVAL OF THE ENGINEER.

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

SPECIAL, MISCELLANEOUS METAL 2000 POUNDS

THE CONTRACTOR IS CAUTIONED TO USE EXTREME CARE IN THE REMOVAL, STORAGE AND REPLACEMENT OF ALL EXISTING CASTINGS. CASTINGS DAMAGED BY THE NEGLIGENCE OF THE CONTRACTOR, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED WITH THE PROPER NEW CASTINGS AT THE EXPENSE OF THE CONTRACTOR.

**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION
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PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: BJB
 DATE ISSUED: 2020/09/01

GENERAL NOTES

MAINTENANCE OF TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITIONS, LATEST REVISION, THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE FOLLOWING:

1. A MINIMUM OF ONE TEN FOOT BIDIRECTIONAL LANE SHALL BE MAINTAINED ON THE EXISTING PAVEMENT AND COMPLETED PAVEMENT DURING CONSTRUCTION OF THE WORK.
2. THE CONTRACTOR SHALL INFORM THE CUYAHOGA FALLS ENGINEER'S OFFICE 330-971-8180, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.
3. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.
4. ONLY DURING OFF-PEAK PERIODS (I.E. ANY PERIOD OTHER THAN 6:00AM - 8:00AM AND 3:00PM - 6:00PM SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.
5. IN ADDITION TO THE REQUIREMENTS OF 614.11 WORK ZONE PAVEMENT MARKINGS, AT THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL LANE, CENTER, STOP, OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACEMENT OPERATIONS. QUANTITIES FOR SUCH PLACEMENT ARE CARRIED AS PART OF THE ITEMS LISTED UNDER 614 WORK ZONE PAVEMENT MARKINGS.
6. PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.
7. THE CONTRACTOR SHALL PLACE THE SIGNS: W8-1 (BUMP) PER OMUTCD 2C.28, W8-11 (UNEVEN LANES) PER OMUTCD 6F.45, AND W6-3 (TWO WAY TRAFFIC) PER OMUTCD 6F.32. PAYMENT FOR THESE SIGNS SHALL BE INCIDENTAL TO THE LUMP SUM ITEM 614-MAINTAINING TRAFFIC. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGNS HAS BEEN INCLUDED IN THE PLANS PER CMS 614.04.
8. CONES SHALL NOT BE ACCEPTABLE DEVICES FOR LANE RESTRICTIONS OR LANE REDUCTIONS THAT ARE IN OPERATION ONE-HALF HOUR AFTER SUNSET OR ONE HALF-HOUR BEFORE SUNRISE. ALL NIGHTTIME LANE RESTRICTIONS SHALL REQUIRE DRUMS OR BARRICADES AT A MAXIMUM SPACING OF FIFTY (50) FEET. WEIGHTED CHANNELIZERS MAY BE USED IN ACCORDANCE WITH THE STANDARD CONSTRUCTION DRAWINGS.
9. THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND SUBSEQUENTLY REMOVE ALL FLAGS, BARRICADES, SIGNS, SIGN SUPPORTS, AND FURNISH AND MAINTAIN ALL FLAGGERS, WATCHERS, AND INCIDENTALS RELATED THERETO.
10. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGN HAS BEEN INCLUDED IN THE PLAN. THIS QUANTITY SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING SIGNS: W8-1 (BUMP), W8-H13 (NO EDGE LINES), R4-1 (DO NOT PASS), R4-2 (PASS WITH CARE), W8-11 (UNEVEN LANES). THESE QUANTITIES SHALL BE AS PER 614.04.
11. ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

12. ALL FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SHALL BE COMPLETED THE SAME DAY THE EXCAVATION IS MADE. IF THE CONTRACTOR CANNOT COMPLETE THE WORK, THE EXCAVATION SHALL BE BACKFILLED.

13. TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

14. EMERGENCY VEHICLES SHALL BE ABLE TO PASS AT ALL TIMES.

15. AT THE END OF EACH NORMAL BUSINESS DAY ALL LANES OF TRAFFIC SHALL BE FULLY OPEN TO TRAFFIC.

16. THE CONTRACTOR SHALL FURNISH A LOCATION OUTSIDE THE CITY RIGHT-OF-WAY FOR ALL PERSONAL VEHICLES BELONGING TO THE CONTRACTOR'S PERSONNEL AND SUPPLIERS AS PART OF THEIR COST FOR THIS BID ITEM. CONSTRUCTION VEHICLES NOT BEING USED DURING DAILY REGULAR OPERATIONS SHALL BE PARKED AT THIS SITE OR A CONSTRUCTION VEHICLE SITE OUTSIDE THE CITY RIGHT-OF-WAY.

THE FOLLOWING QUANTITIES SHALL BE USED FOR THE MAINTENANCE OF TRAFFIC ON THIS PROJECT AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF CMS 614.04 AND 614.11:

- 614, WORK ZONE CENTER LINE, CLASS II, 1.92 MI
- 614, WORK ZONE STOP LINE, CLASS I, 102 FT
- 614, WORK ZONE CHANNELIZING LINE, CLASS I, 174 FT

17. THE LUMP SUMP PRICE BID FOR MAINTAINING TRAFFIC SHALL INCLUDE THE COST OF THE ITEMS NOTED HEREIN, UNLESS SPECIFICALLY CALLED OUT SEPARATELY.

CONTRACTOR'S EQUIPMENT - OPERATION AND STORAGE
A QUALIFIED FLAGGER SHALL BE EMPLOYED WHERE THE CONTRACTOR'S EQUIPMENT MUST MERGE WITH THE TRAFFIC STREAM. THE CONTRACTOR'S EQUIPMENT SHALL BE EQUIPPED WITH AT LEAST ONE AMBER FLASHING LIGHT. PAVERS, ROLLERS AND OTHER EQUIPMENT MAY BE PARKED IN AREAS ALONG THE HIGHWAY WHEN PAVING OPERATIONS ARE SCHEDULED TO CONTINUE WITHIN THE NEXT WORKDAY. OTHERWISE THE EQUIPMENT SHALL BE STORED AT A STORAGE AREA OUTSIDE THE RIGHT-OF-WAY: THE LOCATION OF WHICH SHALL HAVE PRIOR APPROVAL OF THE ENGINEER. WHEN PARKING ALONG THE HIGHWAY THE EQUIPMENT SHALL BE PLACED AND DELINEATED AS PER 614.03. NO EQUIPMENT SHALL BE PARKED IN THE MEDIAN OF THE HIGHWAY. ADEQUATE BARRICADES AND LIGHTS SHALL BE PLACED ON THE PAVEMENT SIDE OF THE EQUIPMENT TO IDENTIFY THE LIMITS OF THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT THE APPROVED CONTRACTOR'S STORAGE AREA. NO EQUIPMENT SHALL BE PARKED ON PRIVATE PROPERTY UNLESS PRIOR APPROVAL OF THE OWNER AND THE PROJECT ENGINEER/SUPERVISOR HAS BEEN GRANTED.

SURFACE CONDITION SIGNS

ERECT A GROOVED PAVEMENT (W8-H15) SIGN 250 FEET IN ADVANCE OF ANY SECTION OF ROADWAY WHERE TRAFFIC MUST TRAVEL ON A PLANED SURFACE. ENSURE THESE SIGNS ARE IN PLACE BEFORE OPENING THE ROADWAY TO TRAFFIC. ERECT THESE SIGNS ON EACH ENTRANCE RAMP AND AT INTERSECTIONS OF THROUGH ROUTES TO WARN TRAFFIC OF THIS SURFACE CONDITION. PAYMENT WILL BE MADE UNDER THE LUMP SUM PAID FOR ITEM 614 - MAINTAINING TRAFFIC.

TRAFFIC CONTROL INSPECTOR

THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL SHALL HAVE NO OTHER CONSTRUCTION RELATED DUTIES. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

FAILURE TO COMPLY

FOR ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS AND NOTES OR WITH THE PROVISIONS OF THE ODOT 2019 CMS AND/OR OMUTCD MANUALS, THE ROADWAY IN THE VICINITY OF THE WORK AREA SHALL BE CONSIDERED IN A CONDITION UNACCEPTABLE FOR THE SAFETY AND CONVENIENT USE BY THE TRAVELING PUBLIC. ANY FAILURE TO KEEP THE ROADWAY IN THE VICINITY OF THE WORKING AREA IN A CONDITION ACCEPTABLE FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC SHALL BE CONSIDERED A BREACH OF CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF THE AFOREMENTIONED ITEMS.

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

- CHRISTMAS DAY
- NEW YEARS DAY
- MEMORIAL DAY
- FOURTH OF JULY
- LABOR DAY
- THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

<u>DAY OF HOLIDAY OR EVENT</u>	<u>TIME ALL LANES MUST BE OPEN TO TRAFFIC</u>
SUNDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00 NOON FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00 NOON MONDAY THROUGH 6:00 WEDNESDAY
WEDNESDAY	12:00 NOON TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00 NOON WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY	12:00 NOON WEDNESDAY THROUGH (THANKSGIVING DAY) 6:00 AM MONDAY
FRIDAY	12:00 NOON THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DIS-INCENTIVE IN THE AMOUNT OF \$5000 FOR EACH DAY THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC TO THE CITY OF CUYAHOGA FALLS FOR APPROVAL, PROVIDED THE INTENT OF THE ABOVE PROVISIONS ARE FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATIVE PLAN SHALL BE PLACED INTO EFFECT UNTIL APPROVAL HAS BEEN GRANTED IN WRITING BY THE PROJECT ENGINEER.

PAVEMENT DROP-OFF

ANY PAVEMENT, INCLUDING DRIVEWAY APRONS, HAVING A VERTICAL ELEVATION DIFFERENTIAL GREATER THAN 1-1/4" WITH THE ABUTTING EXISTING PAVEMENT, THAT IS TO BE USED FOR TRAFFIC SHALL HAVE A WEDGE TREATMENT OF EITHER ITEM 614-ASPHALT CONCRETE FOR MAINTAINING TRAFFIC OR ITEM 254-A TAPERED PLANING OF EXISTING PAVEMENT. ALL WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614-MAINTAINING TRAFFIC.



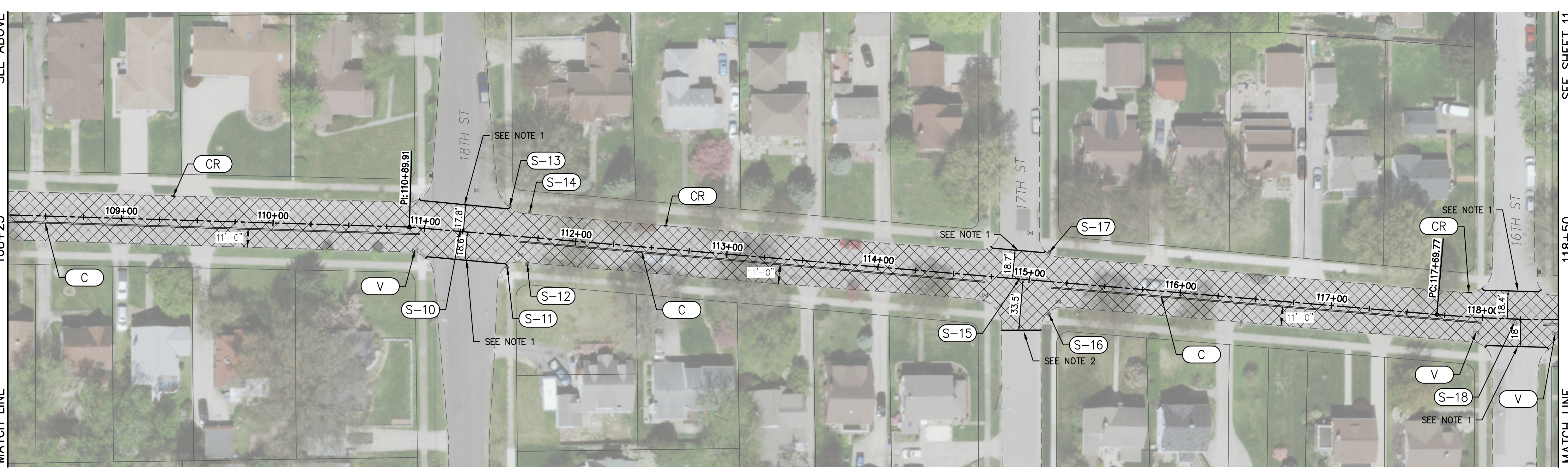
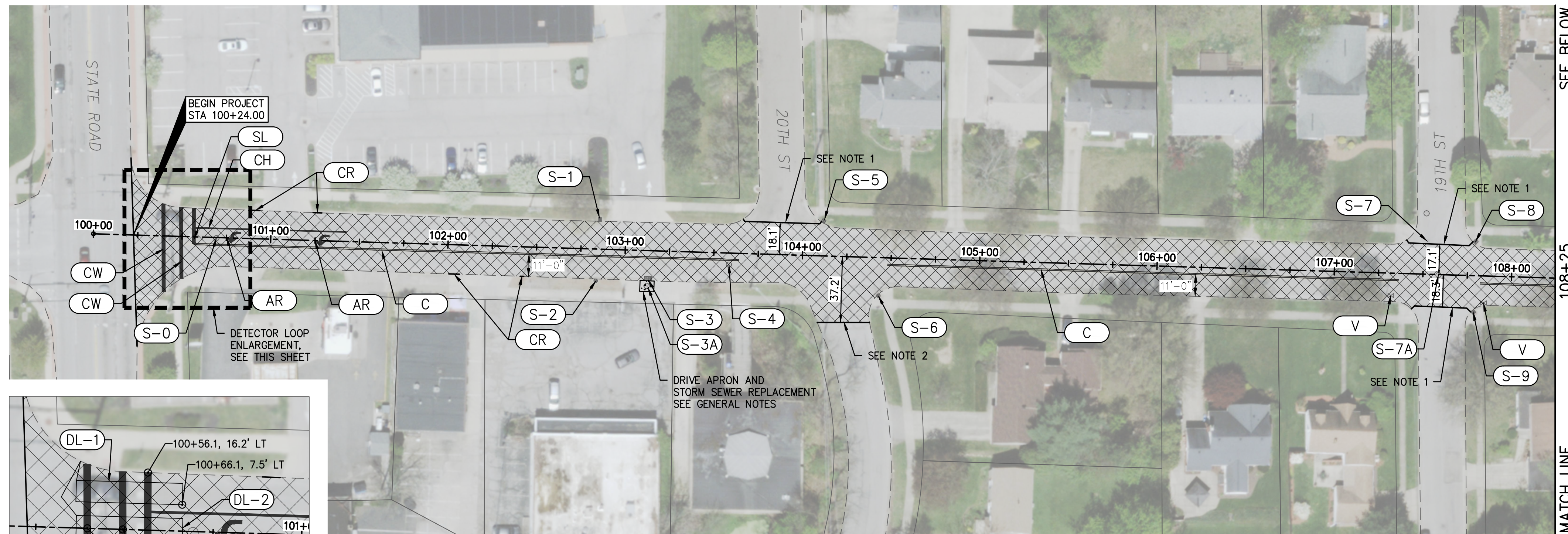
CHESTNUT BOULEVARD
RESURFACING
CITY OF CUYAHOGA FALLS

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MAINTENANCE OF TRAFFIC NOTES



NOTES

1. THE DISTANCE INDICATED IS APPROXIMATE. MEET EXISTING SEE SIDE STREET PAVING JOINT.
2. THE DISTANCE INDICATED IS SHOWN TO THE END OF THE INTERSECTION RETURN.
3. FOR SUBSUMMARIES, GENERAL SUMMARY AND CALCULATIONS, SEE SHEETS 9 THROUGH 9.

LEGEND

- LIMITS OF PAVEMENT RESURFACING
- CURB REPLACEMENT
- DETECTOR LOOP (SEE GENERAL NOTES)
- CENTER LINE, DOUBLE SOLID
- STORM STRUCTURE
- VALVE BOX ADJUST TO GRADE
- CROSS WALK LINE, MATCH EXISTING STYLE
- CHANNELIZING LINE, 8"
- PARKING SPACE LINE, 6" (WHITE)
- STOP LINE
- LANE ARROW

**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

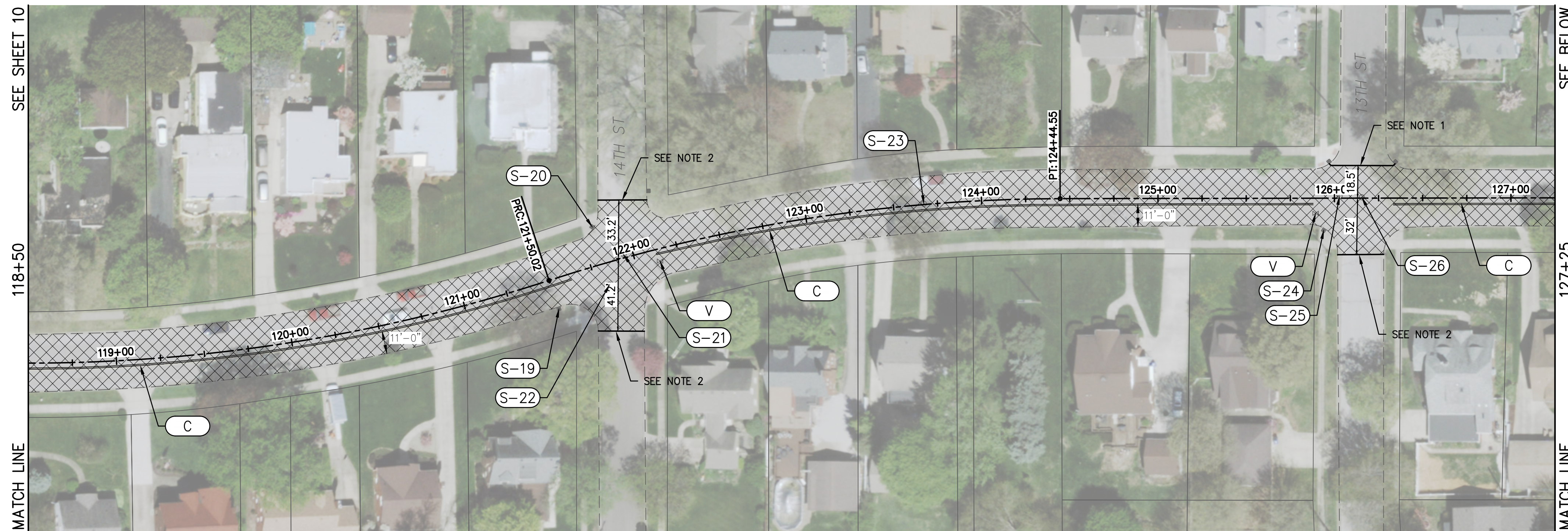
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RESURFACING PLAN

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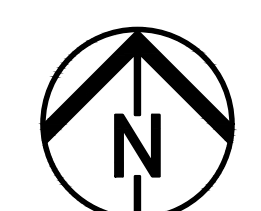
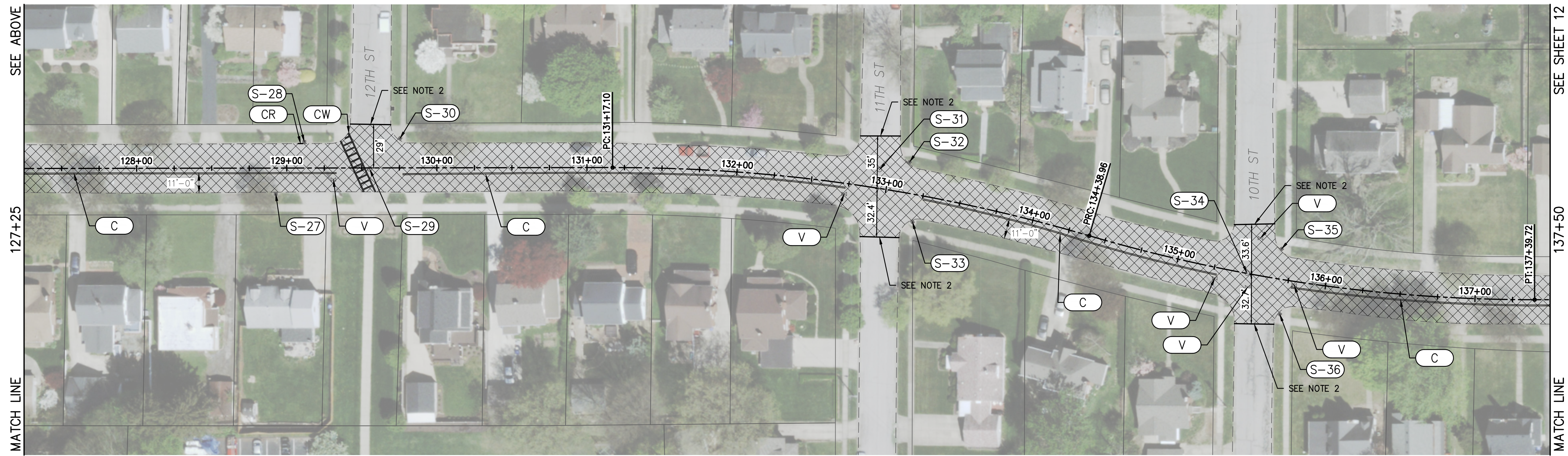


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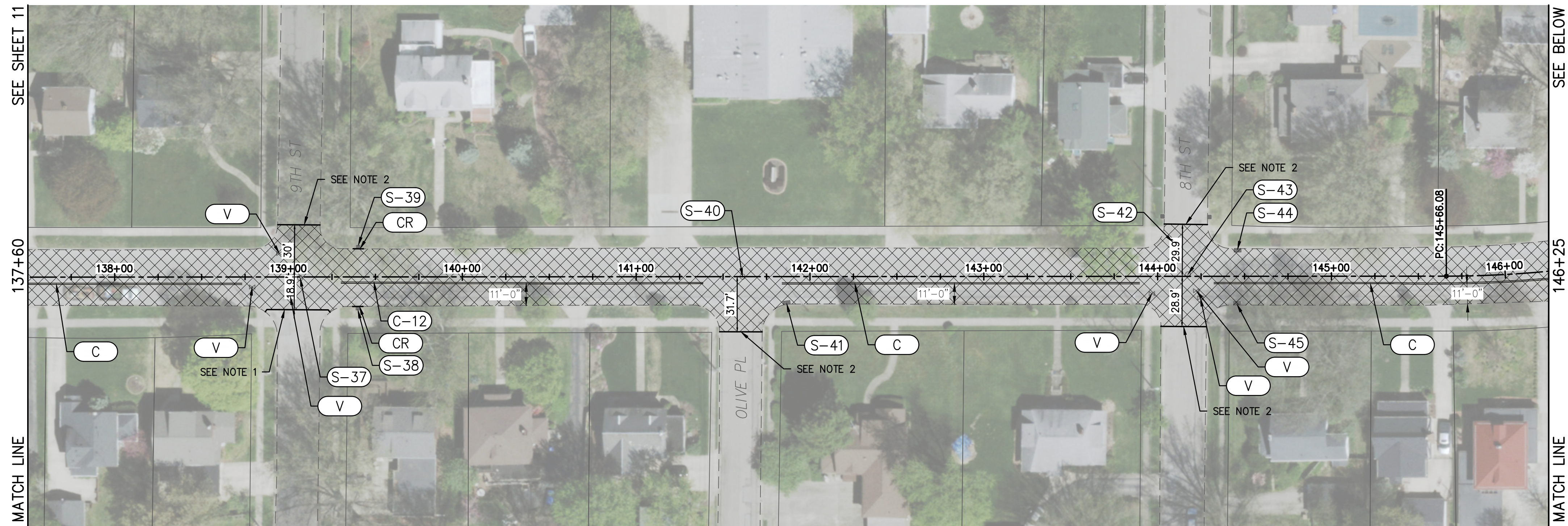
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RESURFACING PLAN

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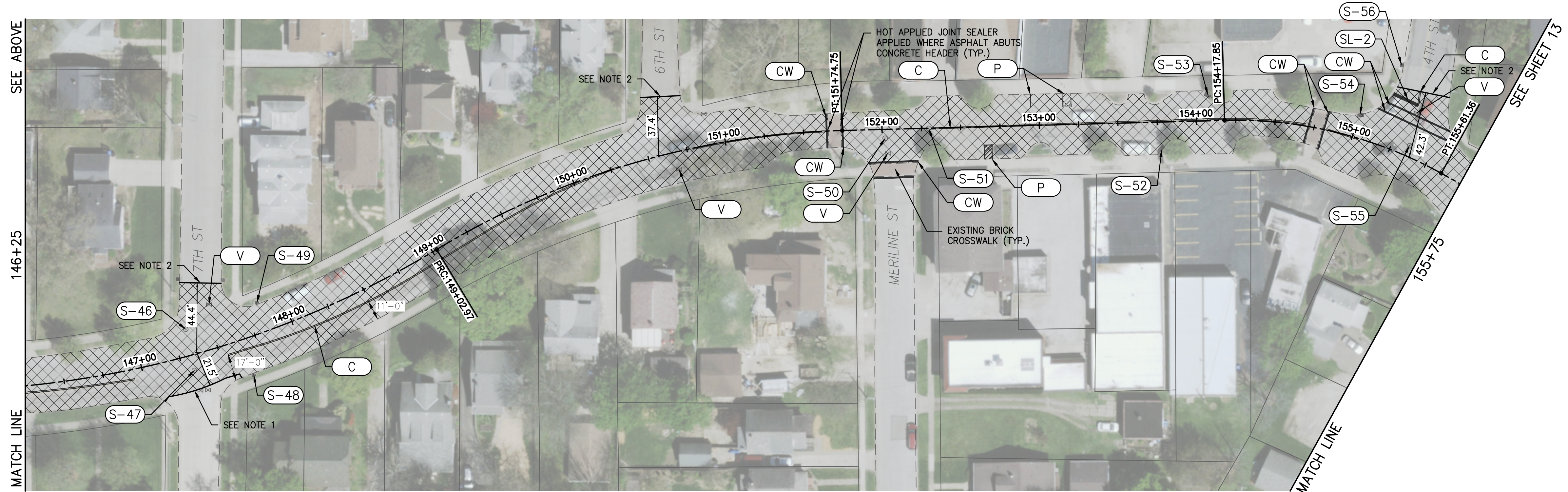


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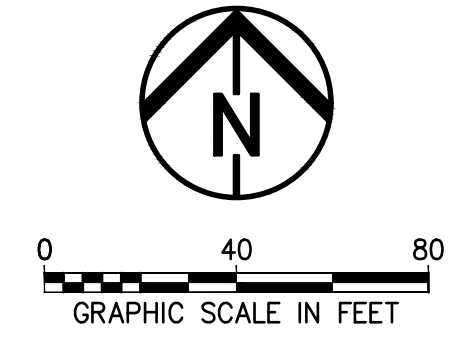
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 CITY OF CUYAHOGA FALLS**

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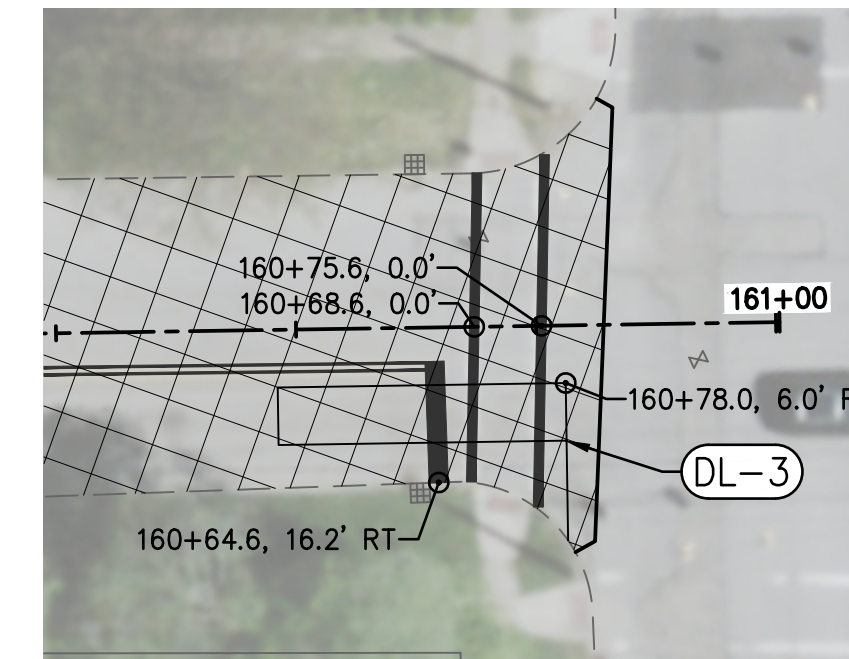
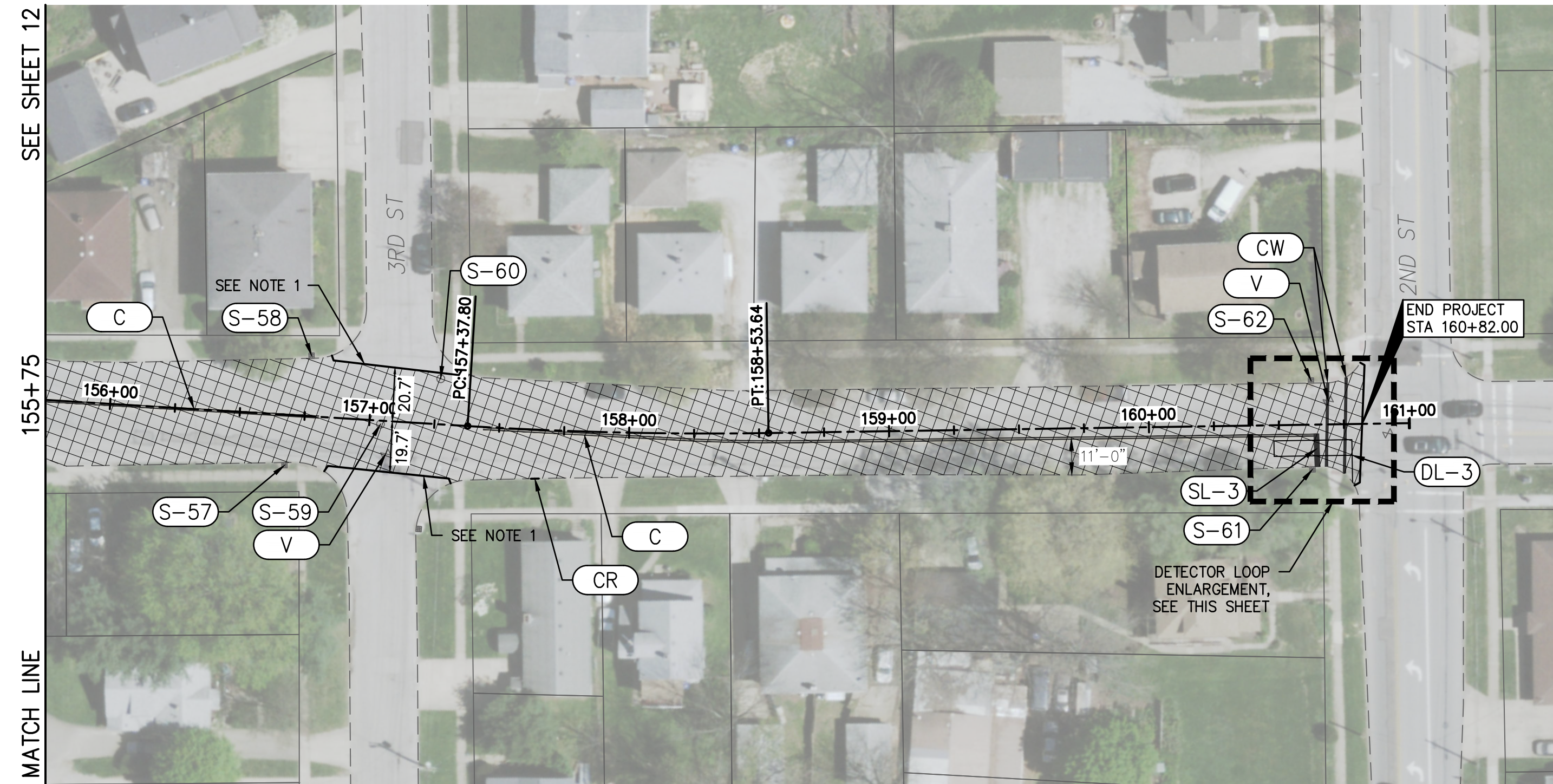
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RESURFACING PLAN



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DETECTOR LOOP ENLARGEMENT

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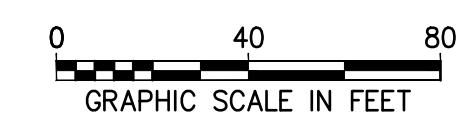
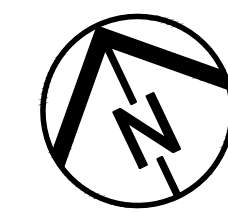
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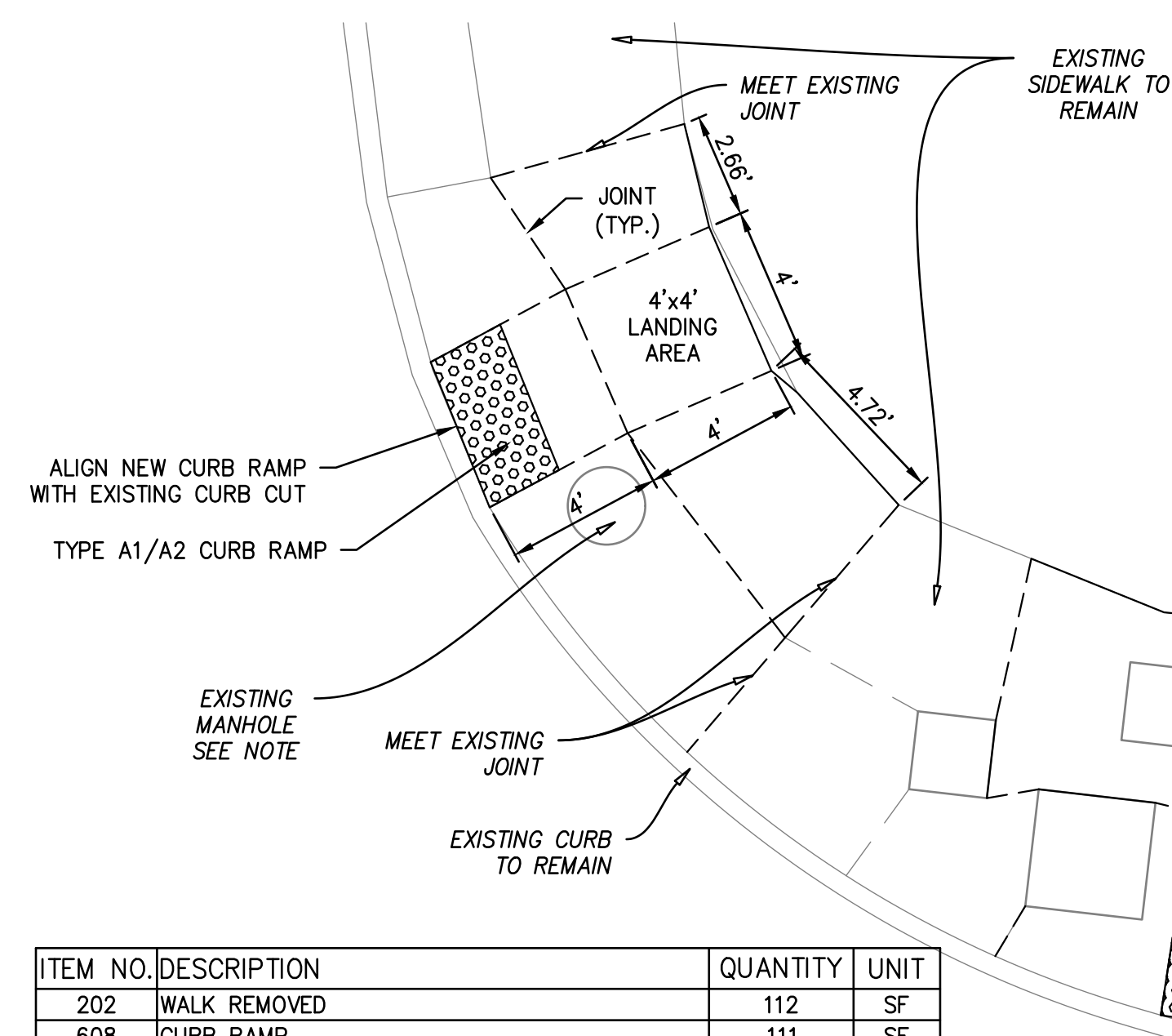
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 DATE ISSUED: 2020/09/01

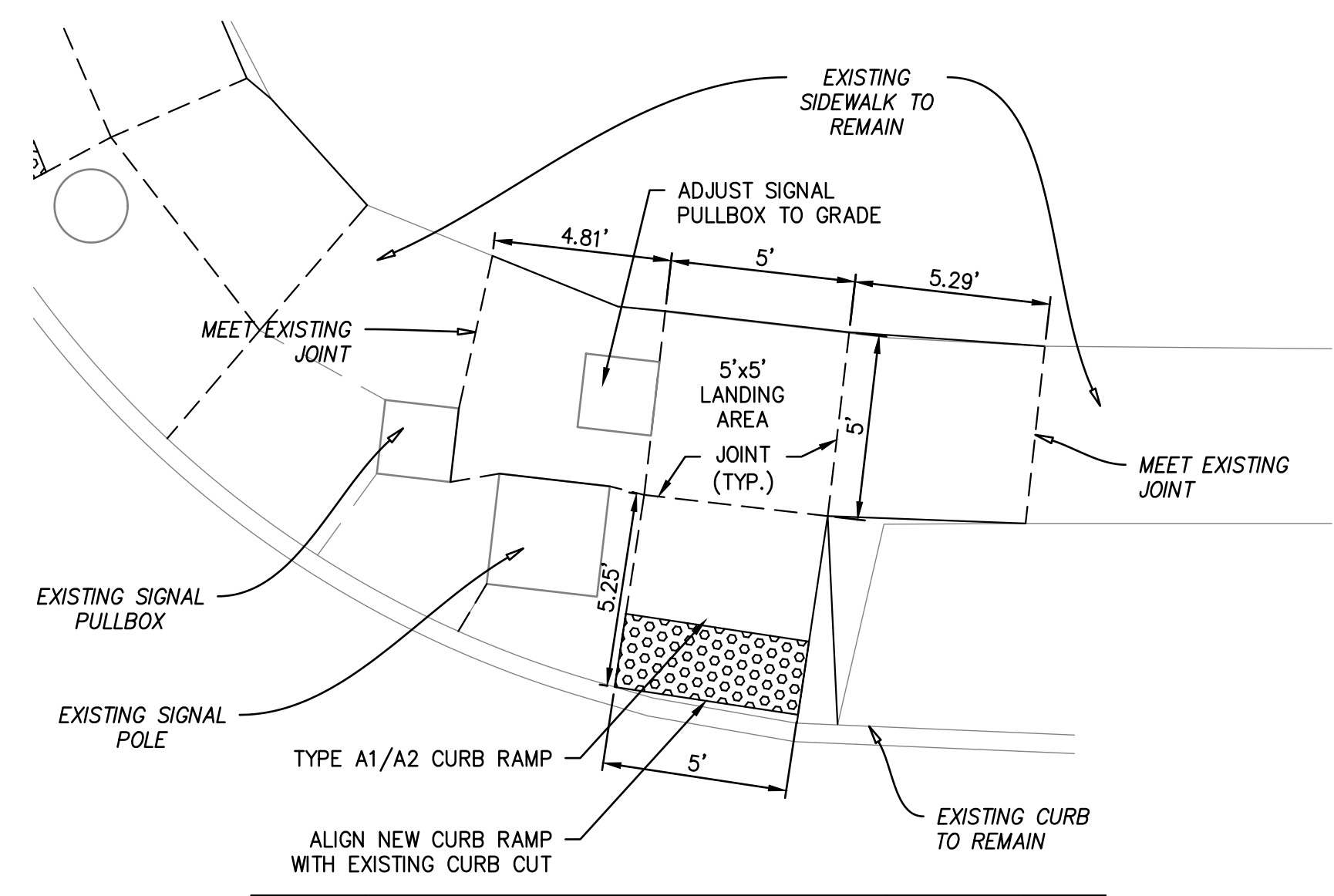
RESURFACING PLAN



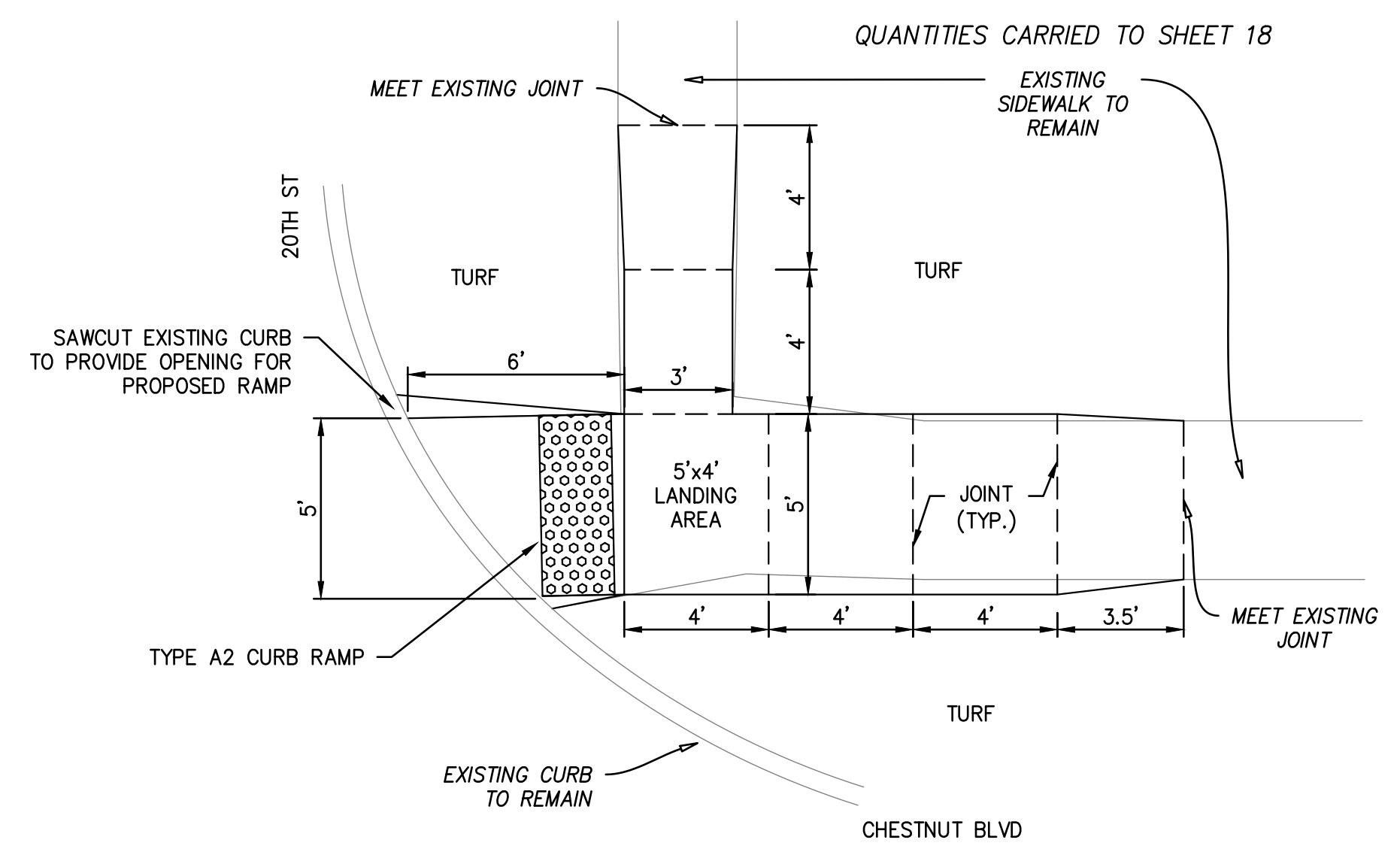


ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	112	SF
608	CURB RAMP	111	SF
651	TOPSOIL FURNISHED AND PLACED	0.4	CY
659	SEEDING AND MULCHING	3.8	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	3.8	SY

NOTE:
 ADJUST SLOPE OF CONCRETE AROUND MANHOLE LID AS REQUIRED.



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	126	SF
608	CURB RAMP	117	SF
625	PULL BOX ADJUSTED TO GRADE	1	EA
651	TOPSOIL FURNISHED AND PLACED	1.0	CY
659	SEEDING AND MULCHING	8.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	8.7	SY



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	118	SF
608	CURB RAMP	124	SF
651	TOPSOIL FURNISHED AND PLACED	1.9	CY
659	SEEDING AND MULCHING	17.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	17.3	SY

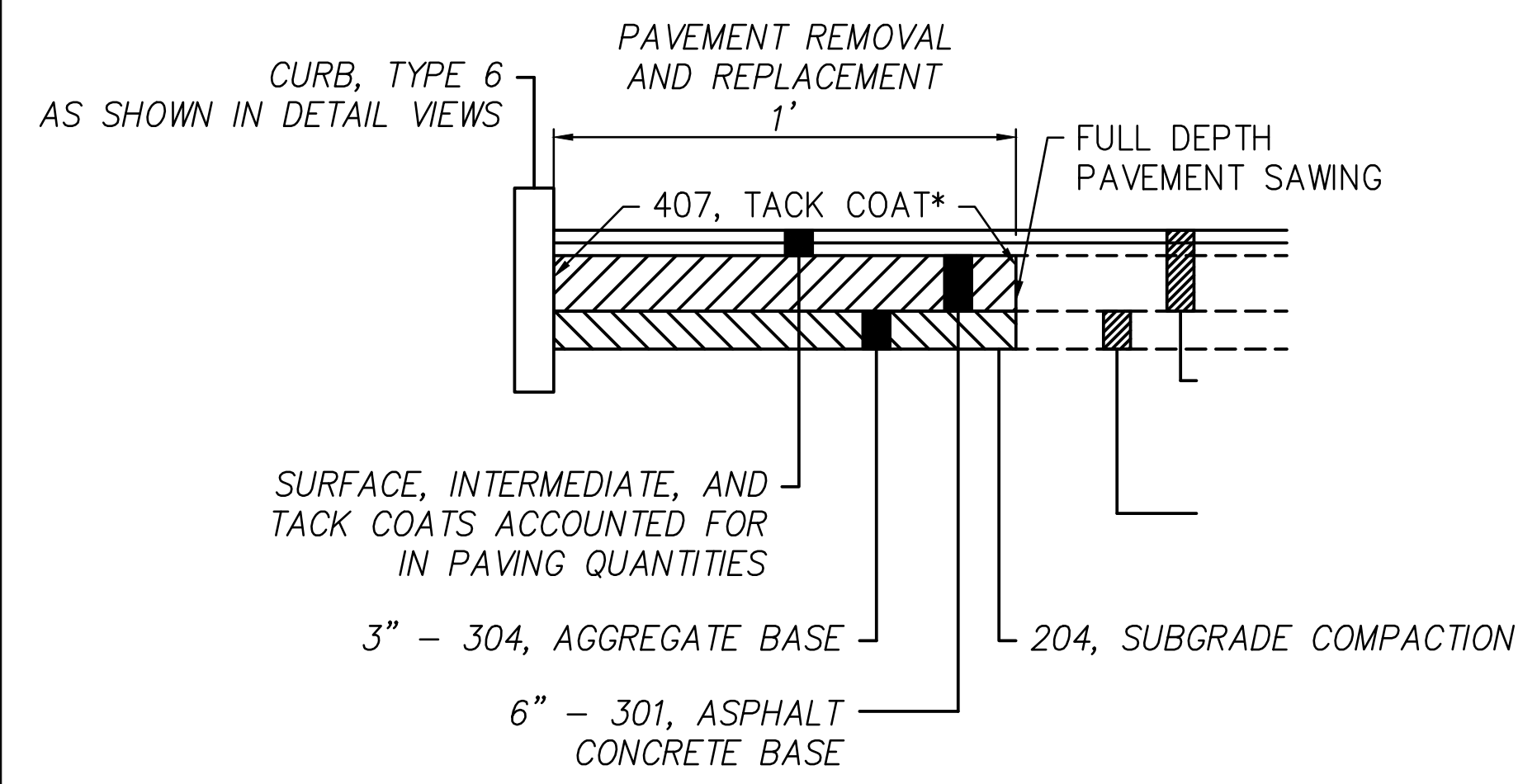
**STATE ROAD - NORTHEAST CORNER
 WEST CROSSING**

**STATE ROAD - NORTHEAST CORNER
 SOUTH CROSSING**

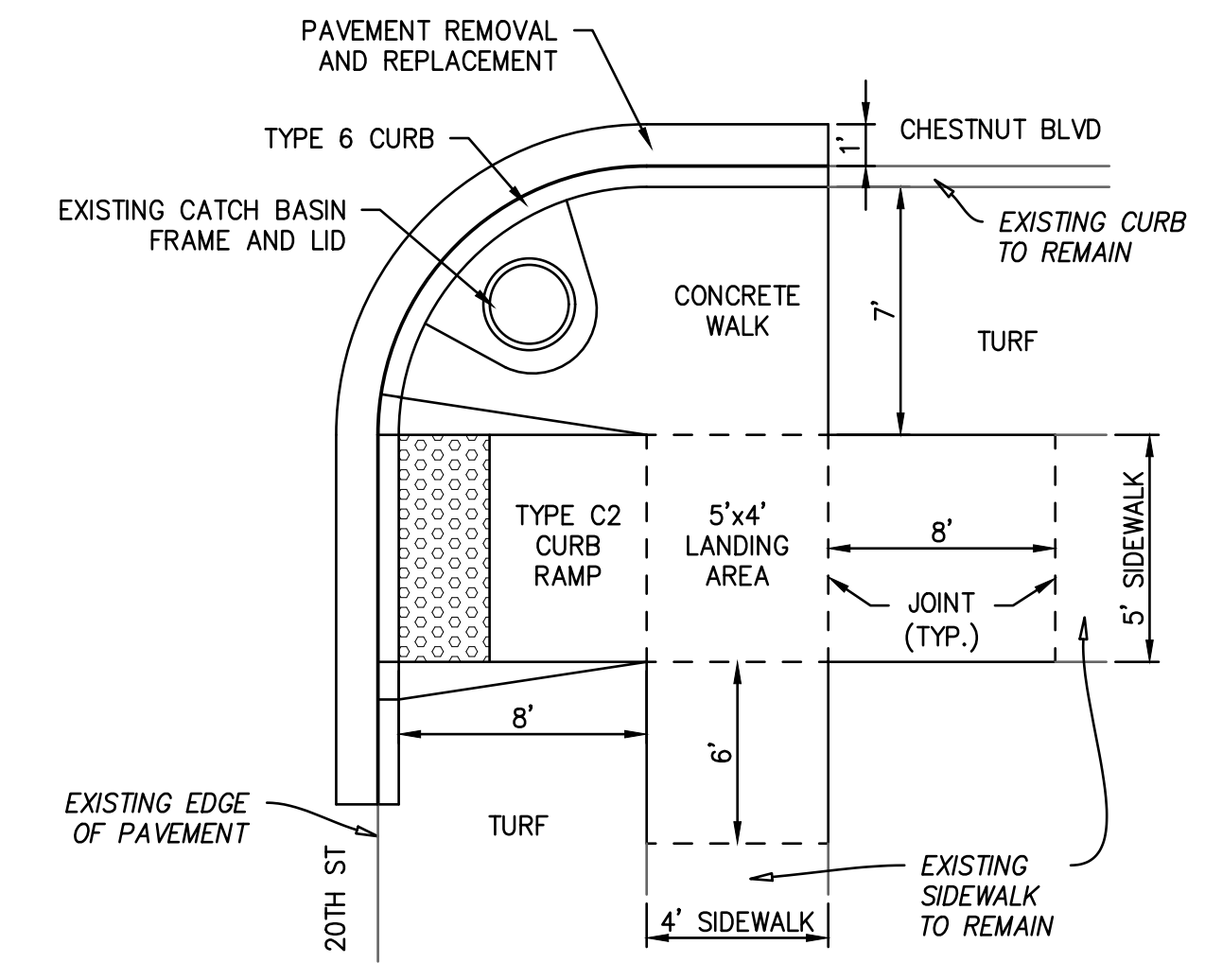
20TH STREET - NORTHEAST CORNER

* TACK COAT ON VERTICAL FACES IS CONSIDERED INCIDENTAL TO INSTALLATION OF ITEM 301, ASPHALT CONCRETE BASE

- CURB RAMP NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR STRICT COMPLIANCE WITH THE ODOT STANDARD DRAWING BP-7.1 THAT IS INCLUDED WITH THESE PLANS.
 - THE REPLACEMENT OF THE CURB RAMP, LANDING AREA, AND ADJACENT SIDEWALK SHALL BE BASED ON FIRST CONSTRUCTING THE RAMP AT THE PRESCRIBED SLOPE FROM THE EXISTING CURB CUT. NOTE THAT THE FRONT OF THE CURB CUT MUST BE FLUSH WITH THE EDGE OF PAVEMENT AS SHOWN IN DETAIL 'A' ON SHEET 3 OF STANDARD DRAWING BP-7.1. REMOVE AND REPLACE CURB AS REQUIRED OR SAW CUT THE CURB TO MAKE FLUSH. WITH THE RAMP INSTALLED AT THE PRESCRIBED SLOPE (13:1 MAX), INSTALL THE LANDING AREA AT THE PRESCRIBED SLOPE (64:1 MAX) AND TO THE DIMENSIONS INDICATED ON THE PLAN DETAIL. FROM THE EDGE OF THE LANDING AREA, INSTALL SIDEWALK AT A MAXIMUM LONGITUDINAL SLOPE OF 13:1 (WITH 64:1 CROSS SLOPE) TO THE EDGE OF THE EXISTING SIDEWALK LEFT IN PLACE. THE PLAN DETAIL INDICATES HOW MANY SIDEWALK SLABS TO REPLACE. HOWEVER IF THE LONGITUDINAL SLOPE OVER THIS DISTANCE WILL EXCEED 13:1, THEN REMOVE AND REPLACE ADDITIONAL SLABS (FOR A MAX DISTANCE OF 15 FT FROM THE LANDING AREA) TO TRY TO MEET 13:1 SLOPE. ONCE FORMS ARE REQUIRED, INSTALL TOPSOIL AND TRANSITION FROM EXISTING GROUND ELEVATION TO THE EDGE OF THE NEW CONCRETE. COMPLETE ALL TURF RESTORATION.
 - WHERE DETAIL INDICATES TO "SAW CUT EXISTING CURB TO PROVIDE OPENING FOR NEW RAMP" FOLLOW STANDARD DRAWING BP-7.1 REGARDING DIMENSIONS OF SAW CUT. INCLUDE COSTS IN PRICE BID FOR THE RAMP.
 - THE PROPOSED BACK OF SIDEWALK SHOWN IN THE CURB RAMP DETAILS SHALL BE IN THE SAME LOCATION/ALIGNMENT AS THE EXISTING BACK OF SIDEWALK. IN ALL CASES THE PROPOSED BACK OF SIDEWALK SHALL MATCH THE HORIZONTAL ALIGNMENT/LOCATION OF THE EXISTING, TO AVOID ANY ENCROACHMENT BEYOND THE EXISTING RIGHT OF WAY LINE ONTO PRIVATE PROPERTY. FURTHERMORE, THE CONTRACTOR SHALL AVOID ANY DISTURBANCE OF OR MOVEMENT ONTO ANY LAND BEHIND THE SIDEWALK THAT IS MORE THAN ONE FOOT OFF THE BACK OF THE SIDEWALK.
 - THE EXISTING BACK OF SIDEWALK AND THE CURB CUT SHALL BE USED AS REFERENCES FOR LAYING OUT THE CURB RAMP REPLACEMENTS. NO STATION/OFFSET INFORMATION IS PROVIDED. NO EXISTING OR PROPOSED ELEVATIONS ARE PROVIDED.



PAVEMENT REMOVAL AND REPLACEMENT DETAIL



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	177	SF
202	PAVEMENT REMOVED	2.1	SY
202	CURB REMOVED	19	FT
204	SUBGRADE COMPACTION	3.2	SY
301	6" ASPHALT CONCRETE BASE	0.35	CY
304	3" AGGREGATE BASE	0.18	CY
608	4" CONCRETE WALK	53	SF
608	CURB RAMP	124	SF
609	CURB, TYPE 6	19	FT
651	TOPSOIL FURNISHED AND PLACED	1.6	CY
659	SEEDING AND MULCHING	14.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	14.3	SY

20TH STREET - SOUTHEAST CORNER

**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: BJB
 DATE ISSUED: 2020/09/01

CURB RAMP DETAILS

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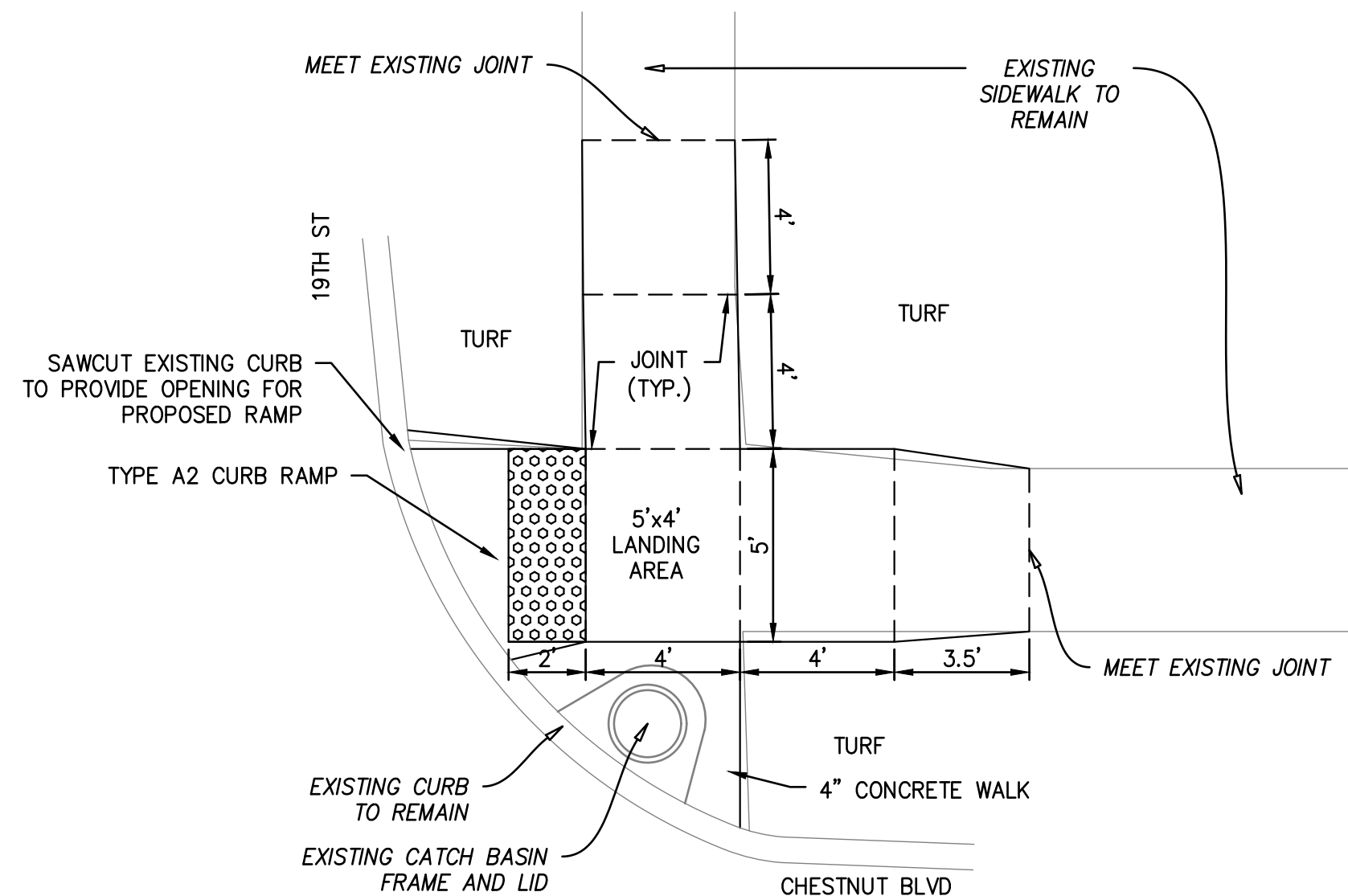
**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

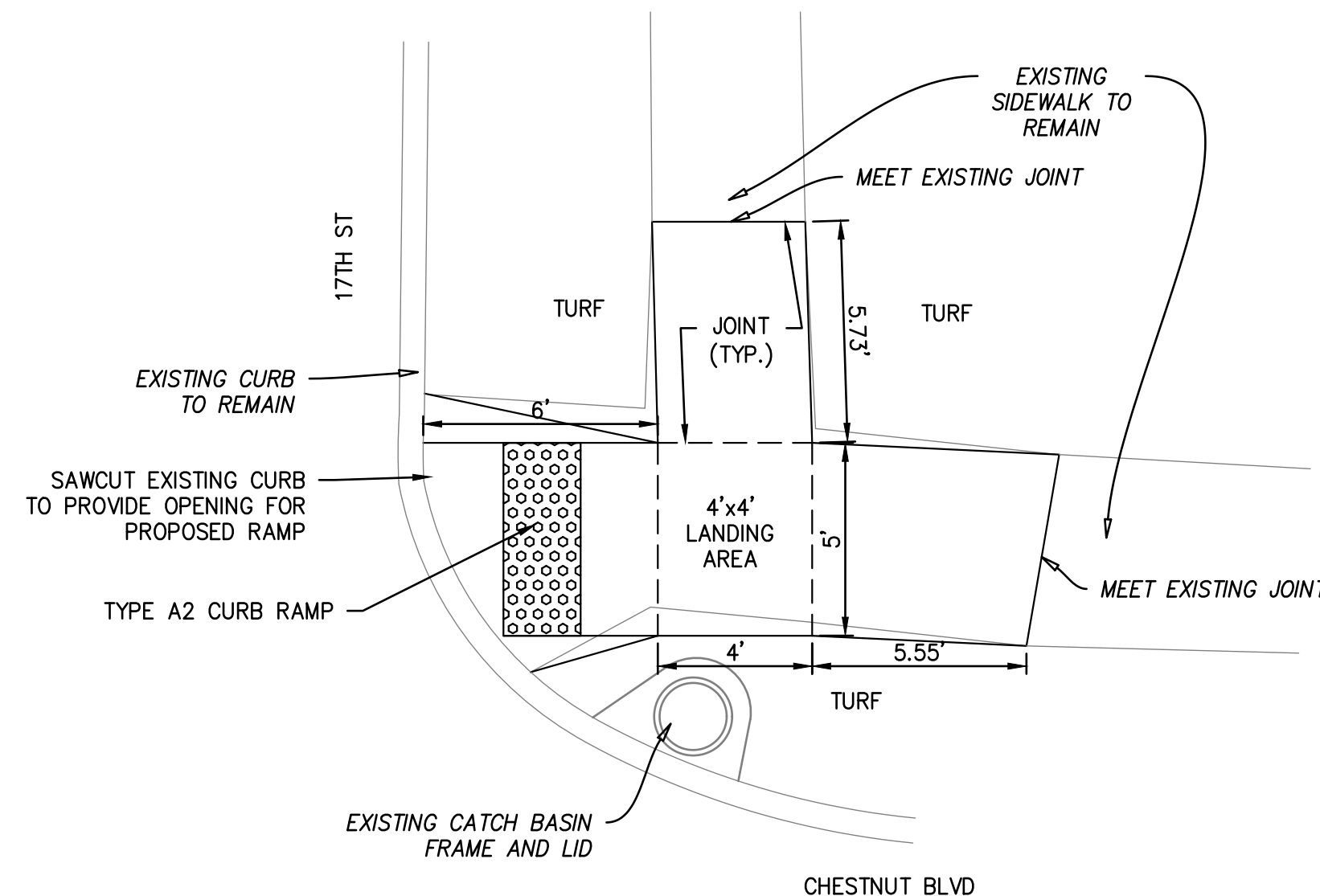
PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: JJB
 DATE ISSUED: 2020/09/01

CURB RAMP DETAILS



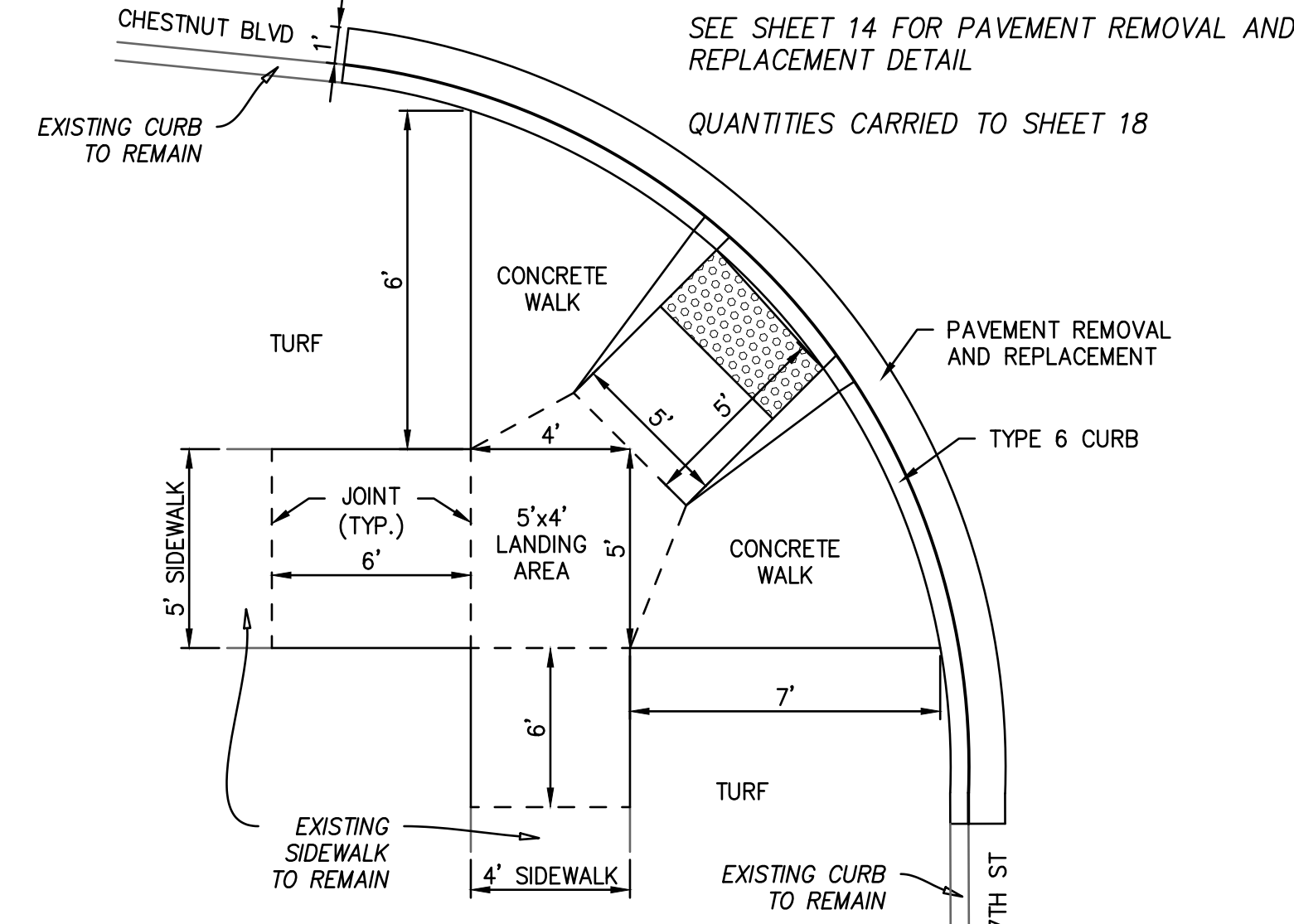
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	115	SF
608	CURB RAMP	108	SF
651	TOPSOIL FURNISHED AND PLACED	1.5	CY
659	SEEDING AND MULCHING	13.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	13.7	SY
608	4" CONCRETE WALK	11	SF

19TH STREET - NORTHEAST CORNER



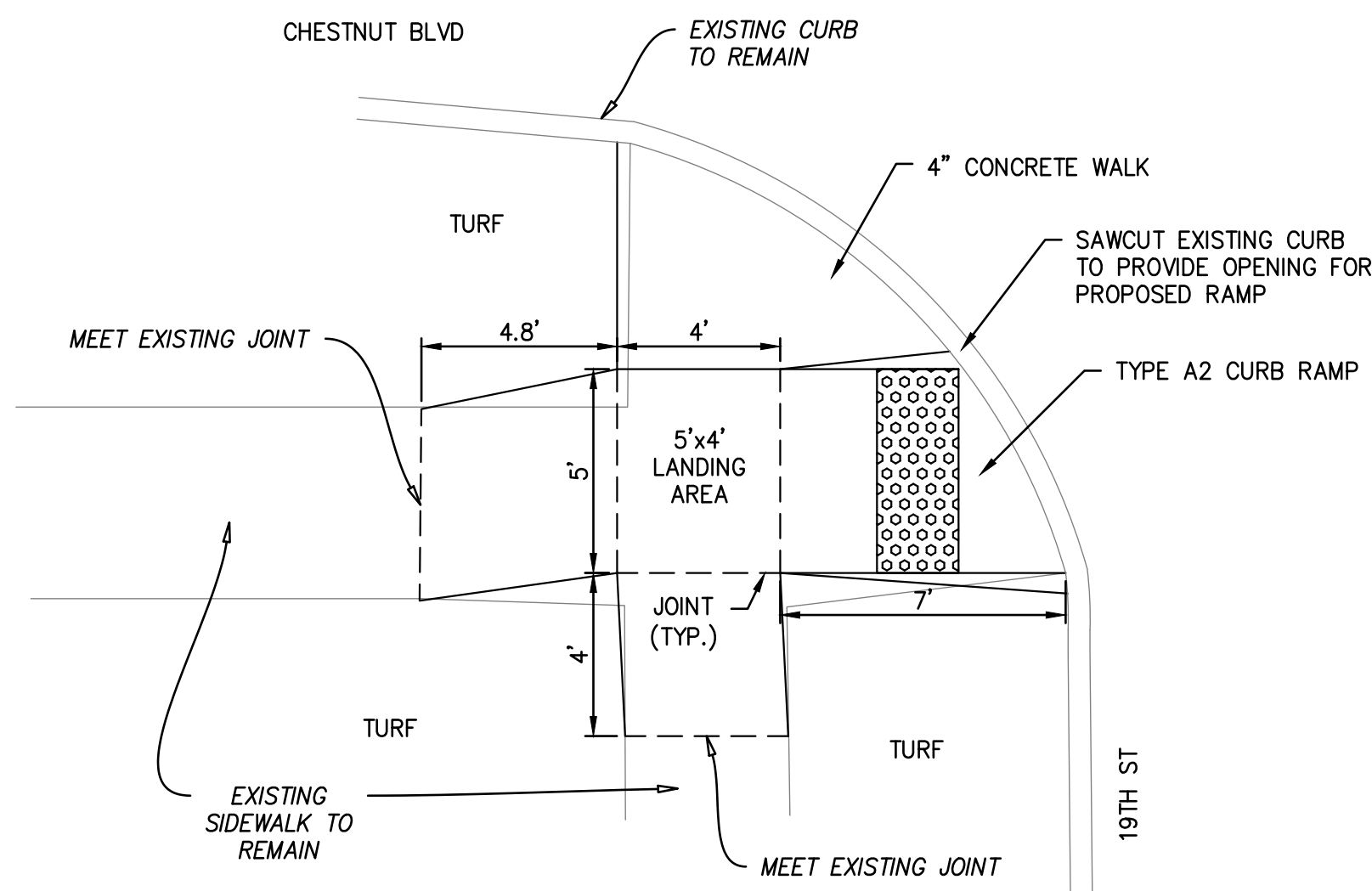
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	106	SF
608	CURB RAMP	102	SF
651	TOPSOIL FURNISHED AND PLACED	1.37	CY
659	SEEDING AND MULCHING	12.4	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	12.4	SY

17TH STREET - NORTHEAST CORNER



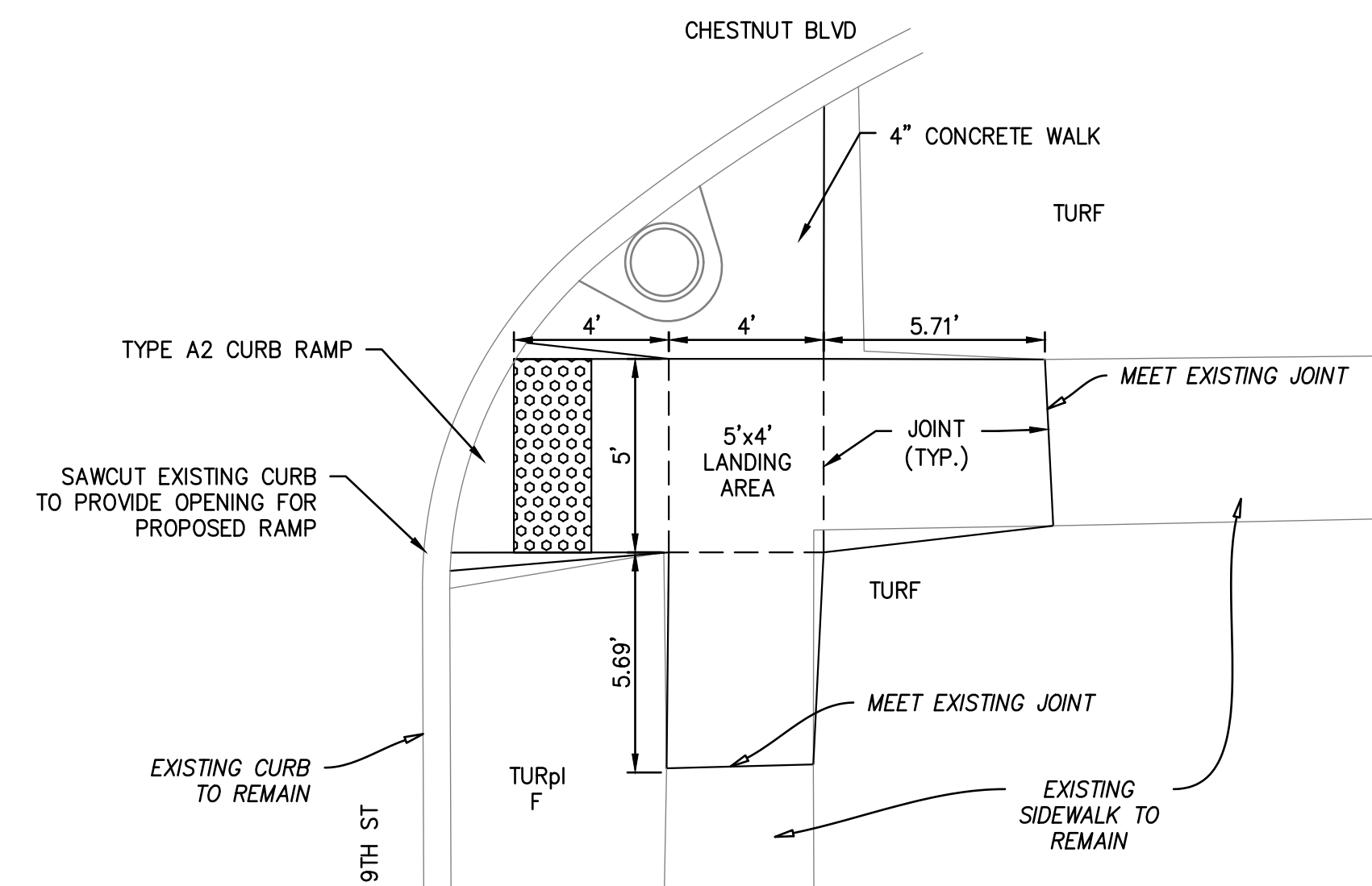
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	149	SF
202	PAVEMENT REMOVED	1.8	SY
202	CURB REMOVED	16	FT
204	SUBGRADE COMPACTION	2.7	SY
301	6" ASPHALT CONCRETE BASE	0.30	CY
304	3" AGGREGATE BASE	0.15	CY
608	4" CONCRETE WALK	45	SF
608	CURB RAMP	104	SF
609	CURB, TYPE 6	16	FT
651	TOPSOIL FURNISHED AND PLACED	1.4	CY
659	SEEDING AND MULCHING	12.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	12.3	SY

17TH STREET - SOUTHWEST CORNER



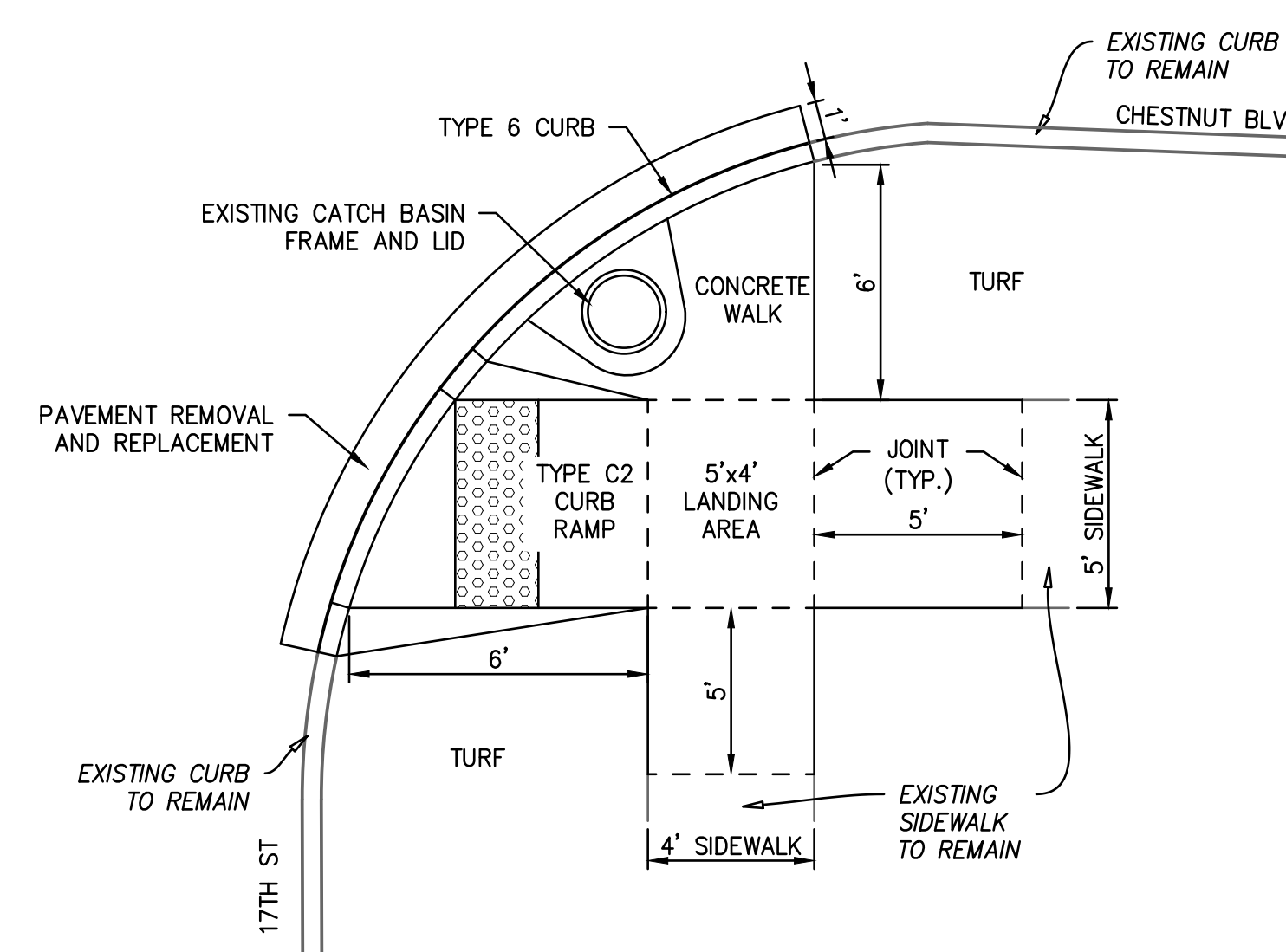
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	121	SF
608	CURB RAMP	92	SF
651	TOPSOIL FURNISHED AND PLACED	1.2	CY
659	SEEDING AND MULCHING	11	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	11	SY
608	4" CONCRETE WALK	31	SF

19TH STREET - SOUTHWEST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	126	SF
608	CURB RAMP	97	SF
651	TOPSOIL FURNISHED AND PLACED	1.7	CY
659	SEEDING AND MULCHING	15.0	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	15.0	SY
608	4" CONCRETE WALK	23	SF

19TH STREET - SOUTHEAST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	140	SF
202	PAVEMENT REMOVED	1.8	SY
202	CURB REMOVED	16	FT
204	SUBGRADE COMPACTION	2.7	SY
301	6" ASPHALT CONCRETE BASE	0.30	CY
304	3" AGGREGATE BASE	0.15	CY
608	4" CONCRETE WALK	45	SF
608	CURB RAMP	95	SF
609	CURB, TYPE 6	16	FT
651	TOPSOIL FURNISHED AND PLACED	1.2	CY
659	SEEDING AND MULCHING	10.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	10.7	SY

17TH STREET - SOUTHEAST CORNER

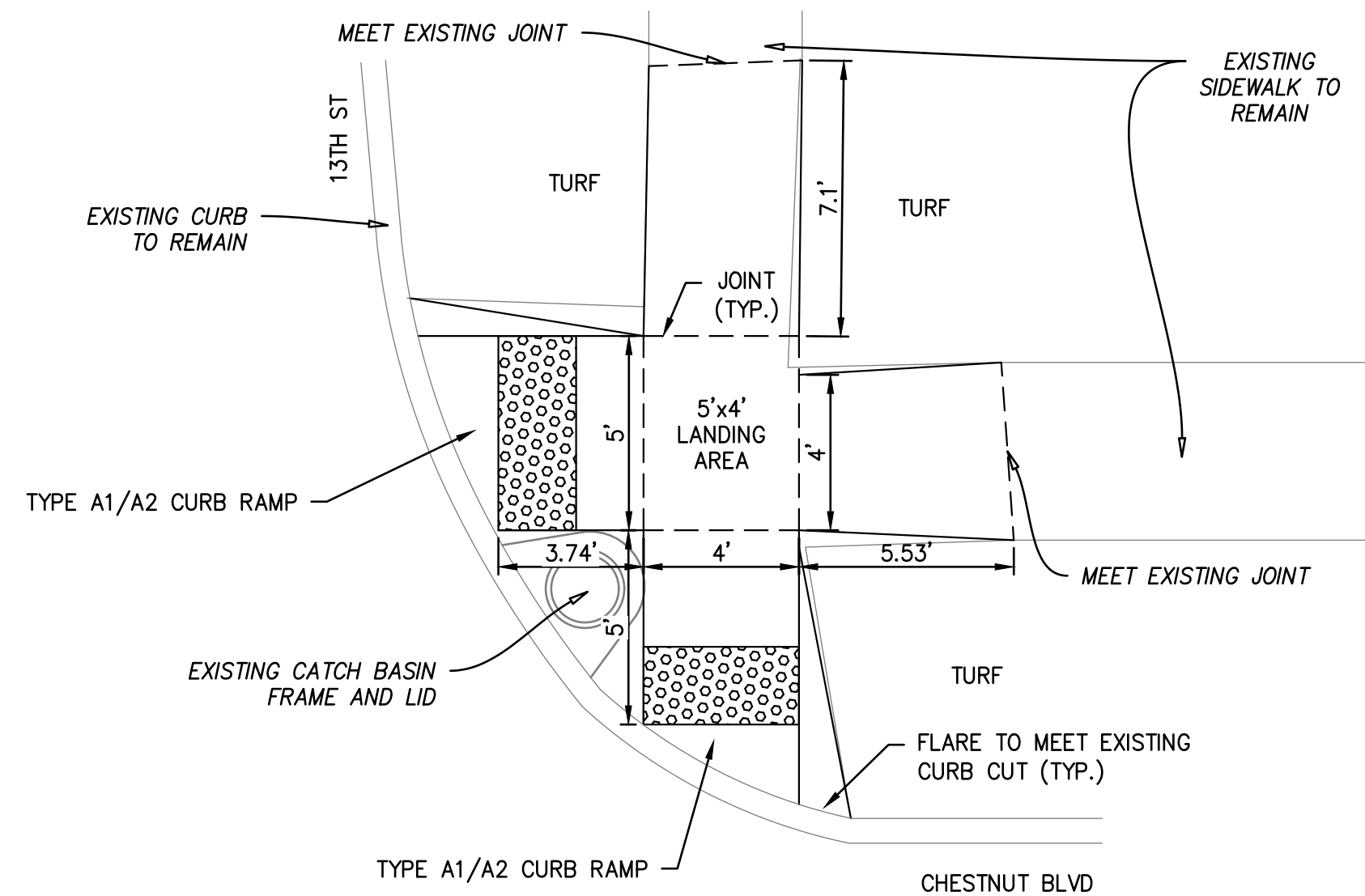
**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

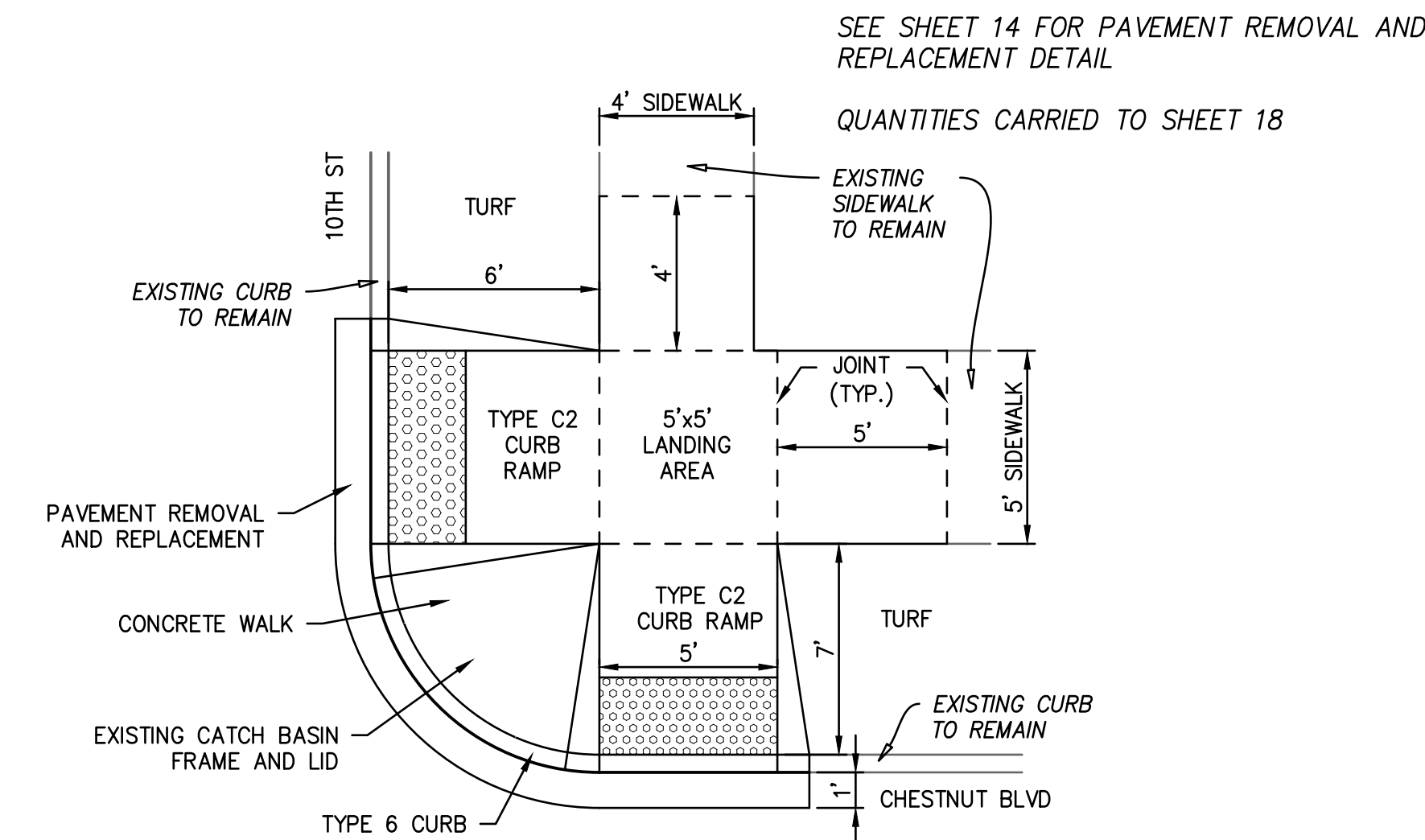
PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: BJB
 DATE ISSUED: 2020/09/01

CURB RAMP DETAILS



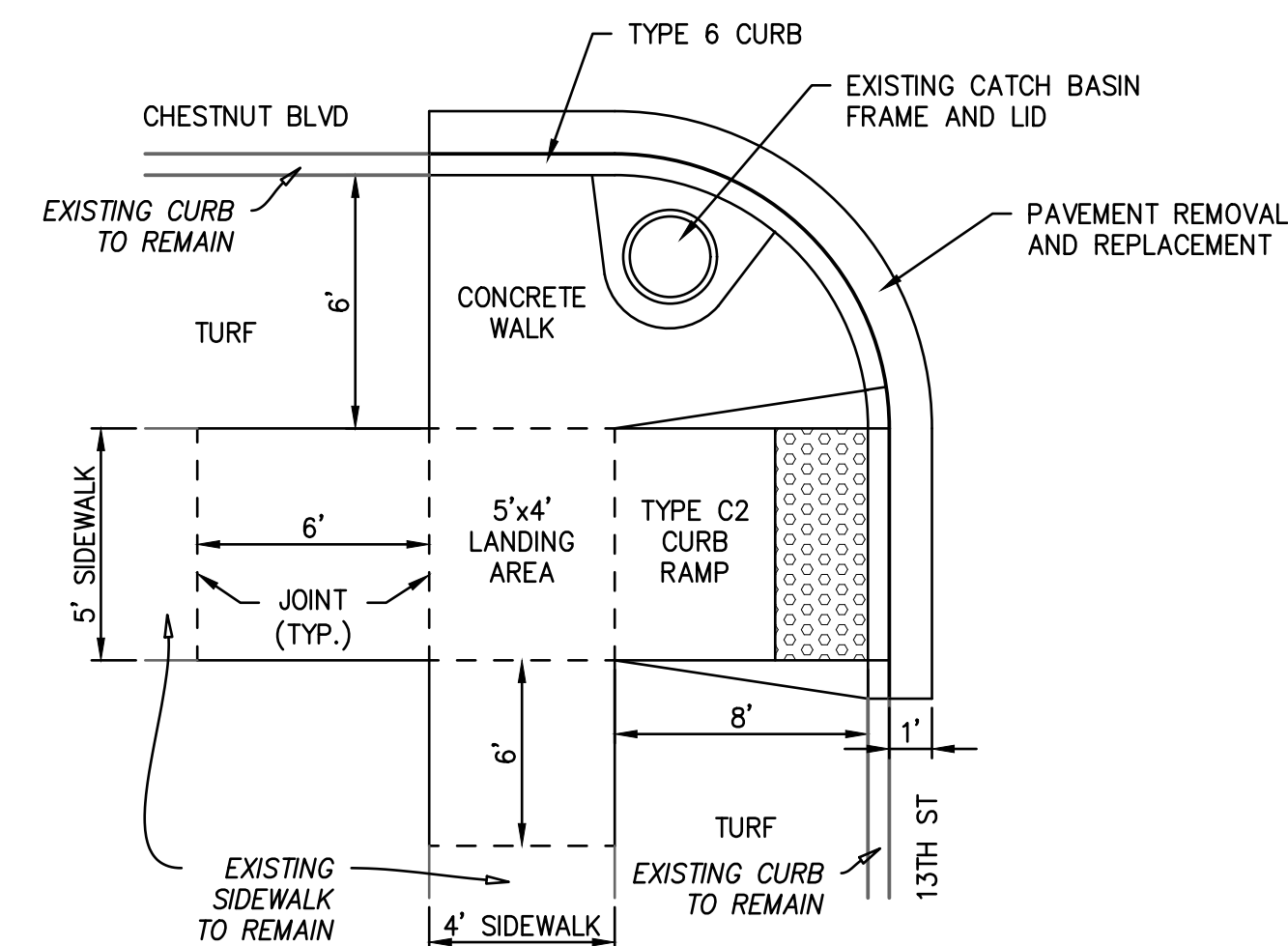
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	133	SF
608	CURB RAMP	130	SF
651	TOPSOIL FURNISHED AND PLACED	1.4	CY
659	SEEDING AND MULCHING	12.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	12.7	SY

13TH STREET - NORTHEAST CORNER



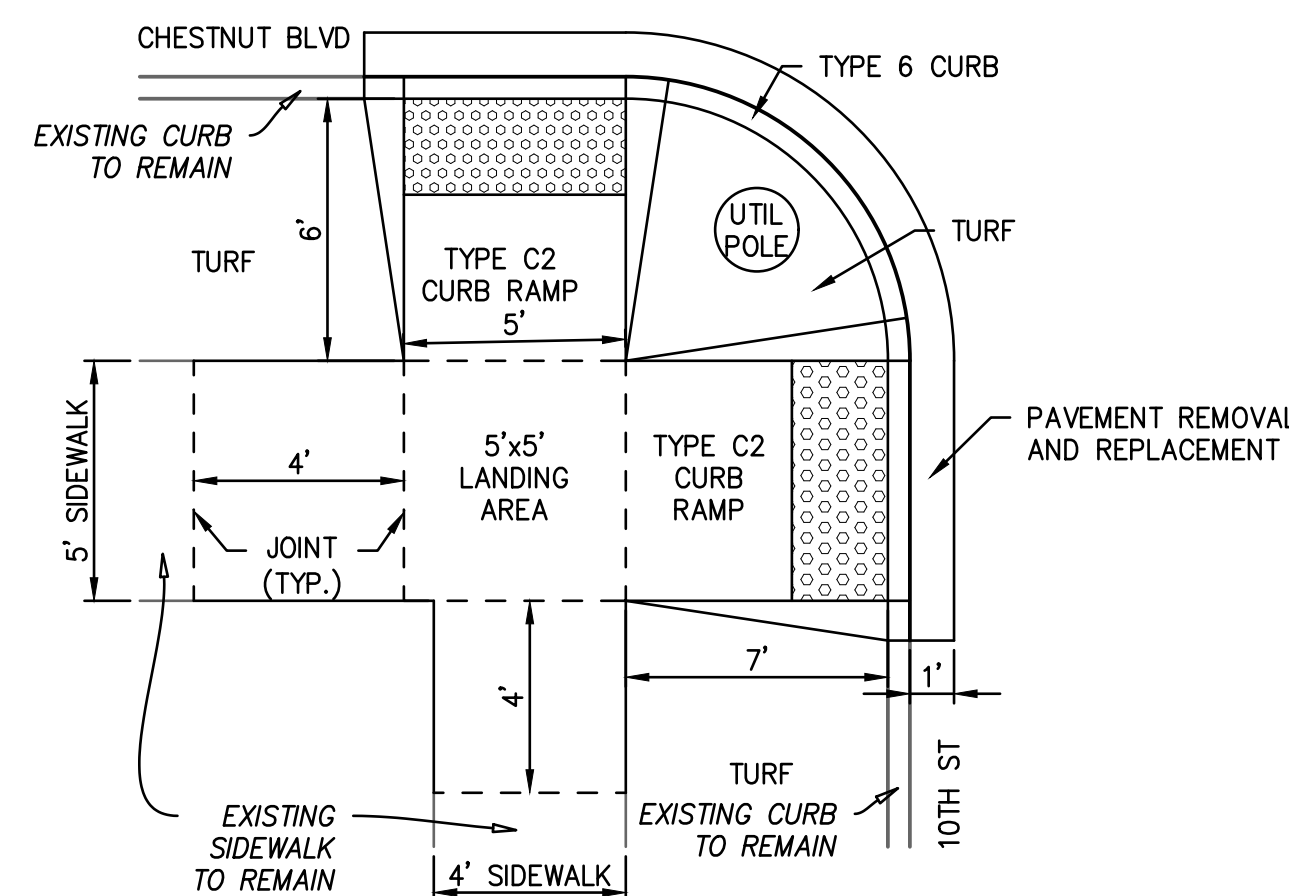
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	141	SF
202	PAVEMENT REMOVED	2.1	SY
202	CURB REMOVED	19	FT
204	SUBGRADE COMPACTION	3.2	SY
301	6" ASPHALT CONCRETE BASE	0.35	CY
304	3" AGGREGATE BASE	0.18	CY
608	4" CONCRETE WALK	17	SF
608	CURB RAMP	131	SF
609	CURB, TYPE 6	19	FT
651	TOPSOIL FURNISHED AND PLACED	1.2	CY
659	SEEDING AND MULCHING	11	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	11	SY

10TH STREET - NORTHEAST CORNER



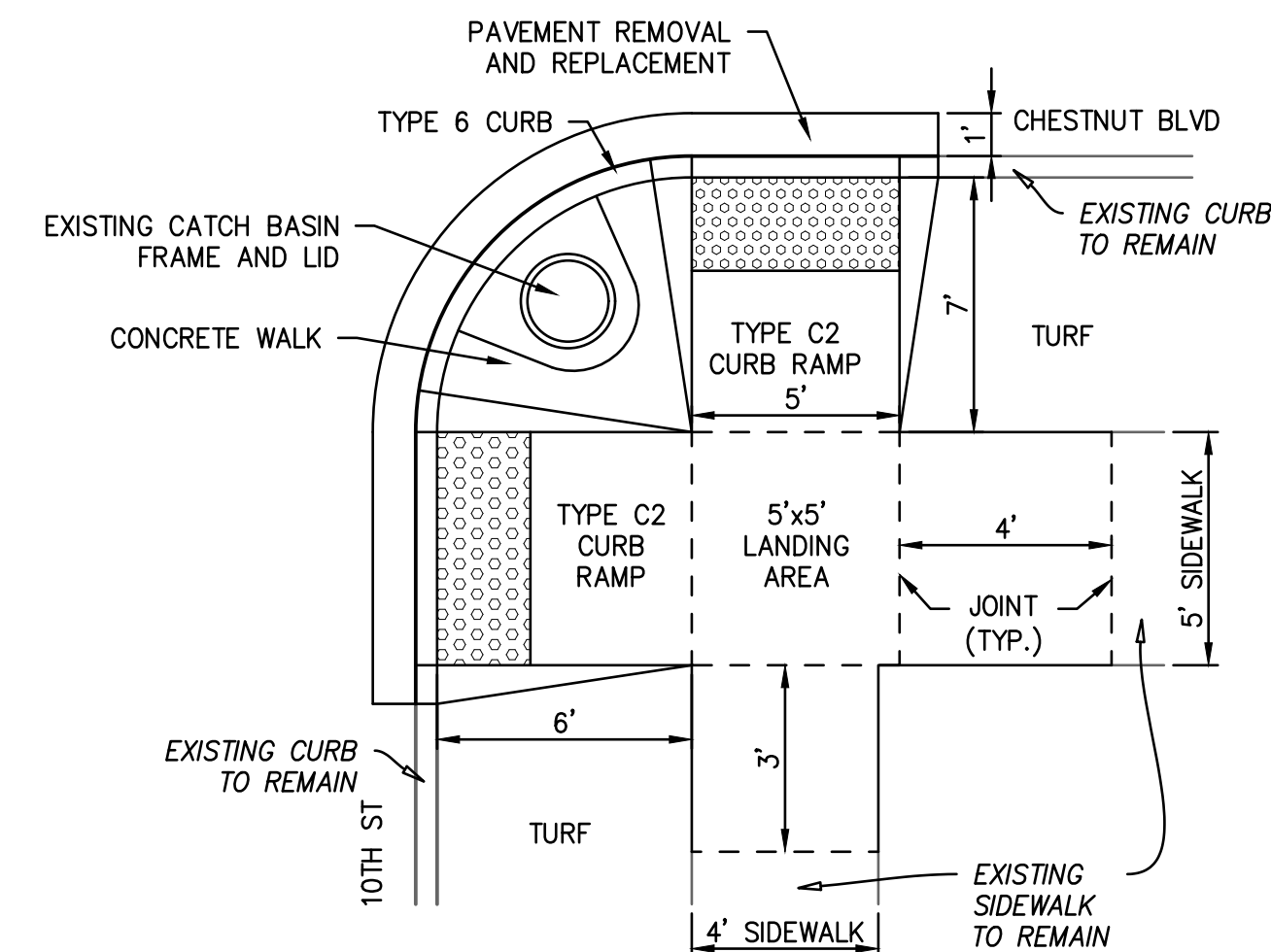
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	167	SF
202	PAVEMENT REMOVED	1.8	SY
202	CURB REMOVED	16	FT
204	SUBGRADE COMPACTION	2.7	SY
301	6" ASPHALT CONCRETE BASE	0.30	CY
304	3" AGGREGATE BASE	0.15	CY
608	4" CONCRETE WALK	53	SF
608	CURB RAMP	114	SF
609	CURB, TYPE 6	16	FT
651	TOPSOIL FURNISHED AND PLACED	1.4	CY
659	SEEDING AND MULCHING	12.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	12.7	SY

13TH STREET - SOUTHWEST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	126	SF
202	PAVEMENT REMOVED	2.1	SY
202	CURB REMOVED	19	FT
204	SUBGRADE COMPACTION	3.2	SY
301	6" ASPHALT CONCRETE BASE	0.35	CY
304	3" AGGREGATE BASE	0.18	CY
608	CURB RAMP	126	SF
609	CURB, TYPE 6	19	FT
651	TOPSOIL FURNISHED AND PLACED	1.7	CY
659	SEEDING AND MULCHING	14.6	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	14.6	SY

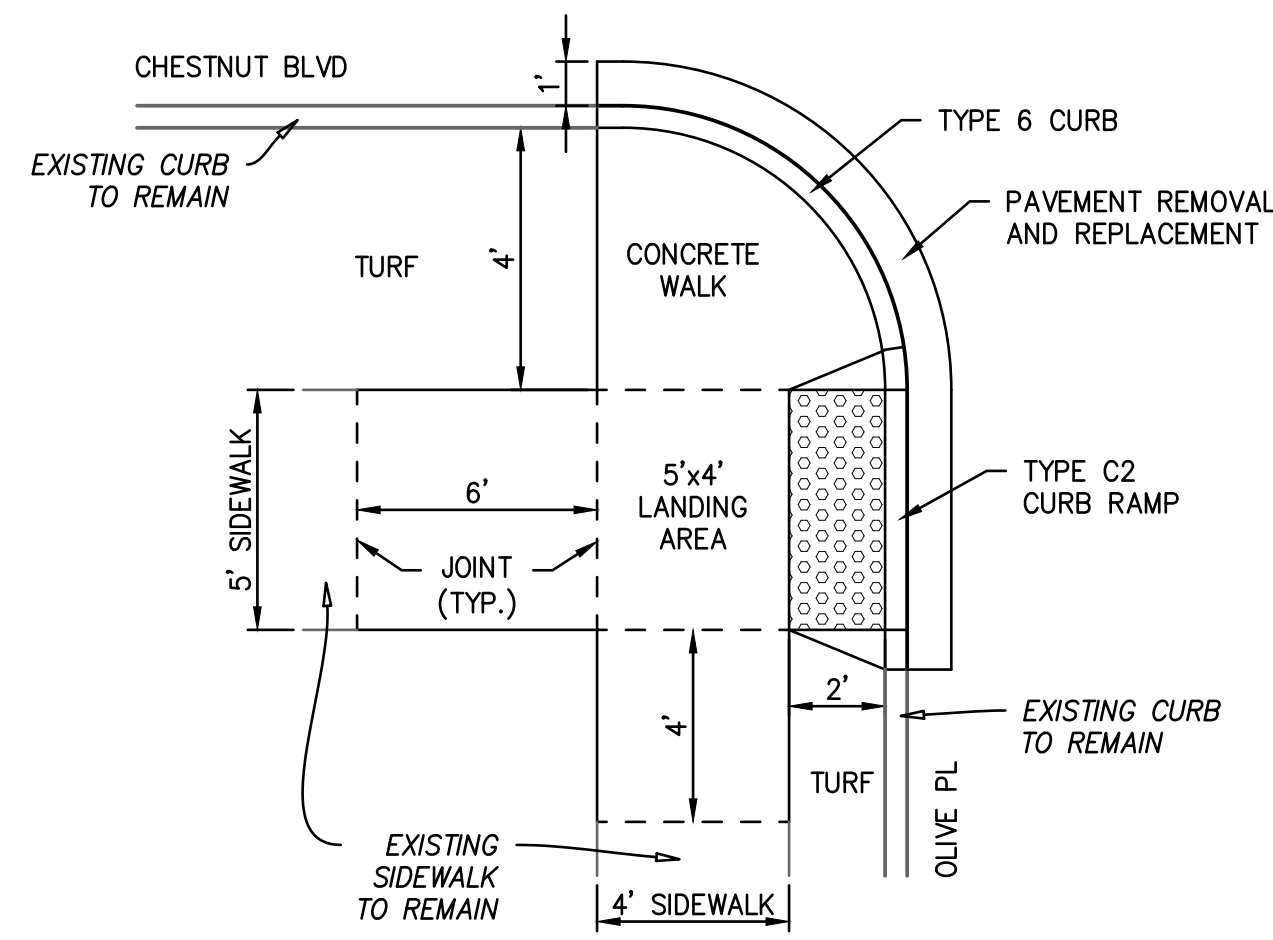
10TH STREET - SOUTHWEST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	132	SF
202	PAVEMENT REMOVED	2	SY
202	CURB REMOVED	18	FT
204	SUBGRADE COMPACTION	3	SY
301	6" ASPHALT CONCRETE BASE	0.33	CY
304	3" AGGREGATE BASE	0.17	CY
608	4" CONCRETE WALK	10	SF
608	CURB RAMP	122	SF
609	CURB, TYPE 6	18	FT
651	TOPSOIL FURNISHED AND PLACED	1.1	CY
659	SEEDING AND MULCHING	10	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	10	SY

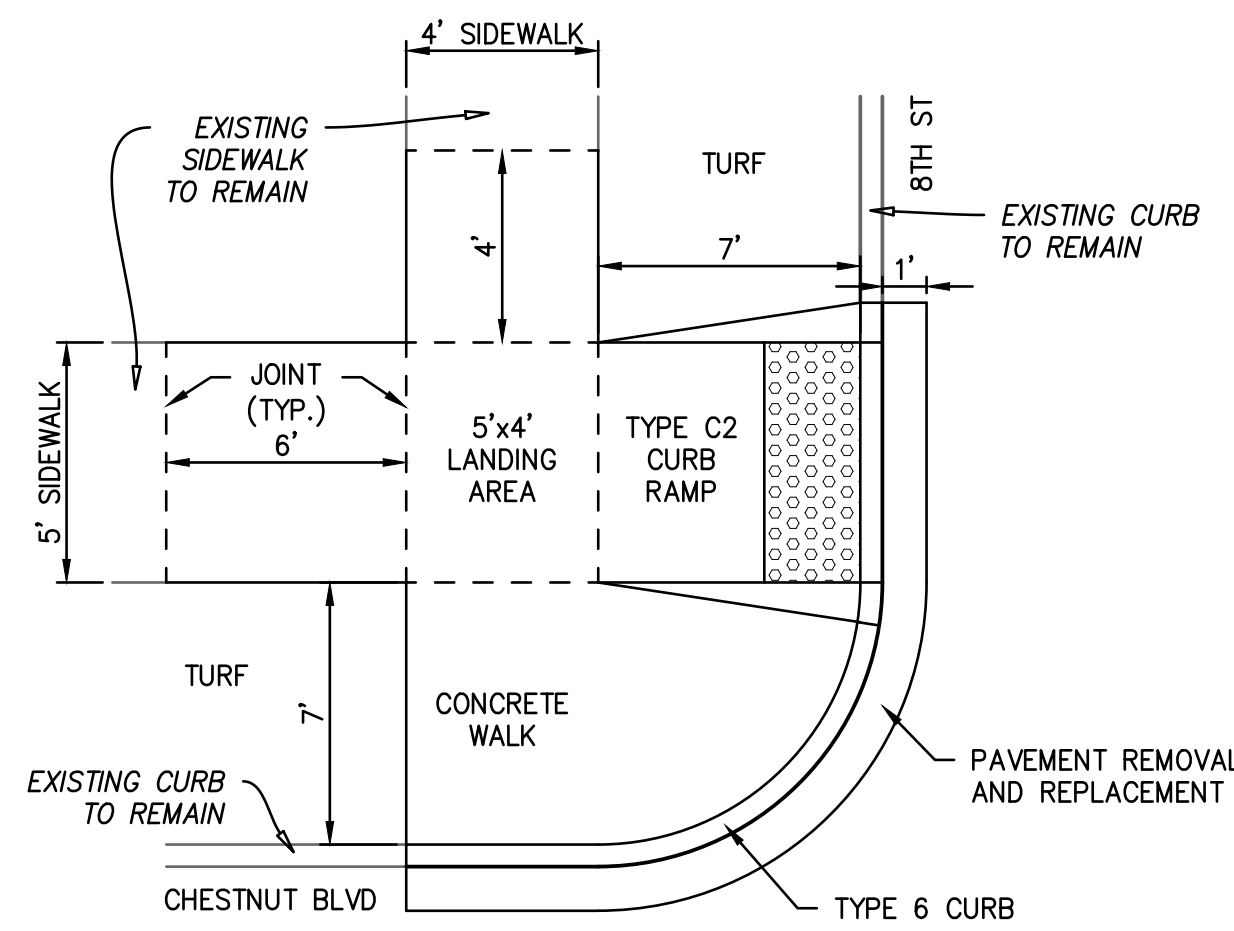
10TH STREET - SOUTHWEST CORNER

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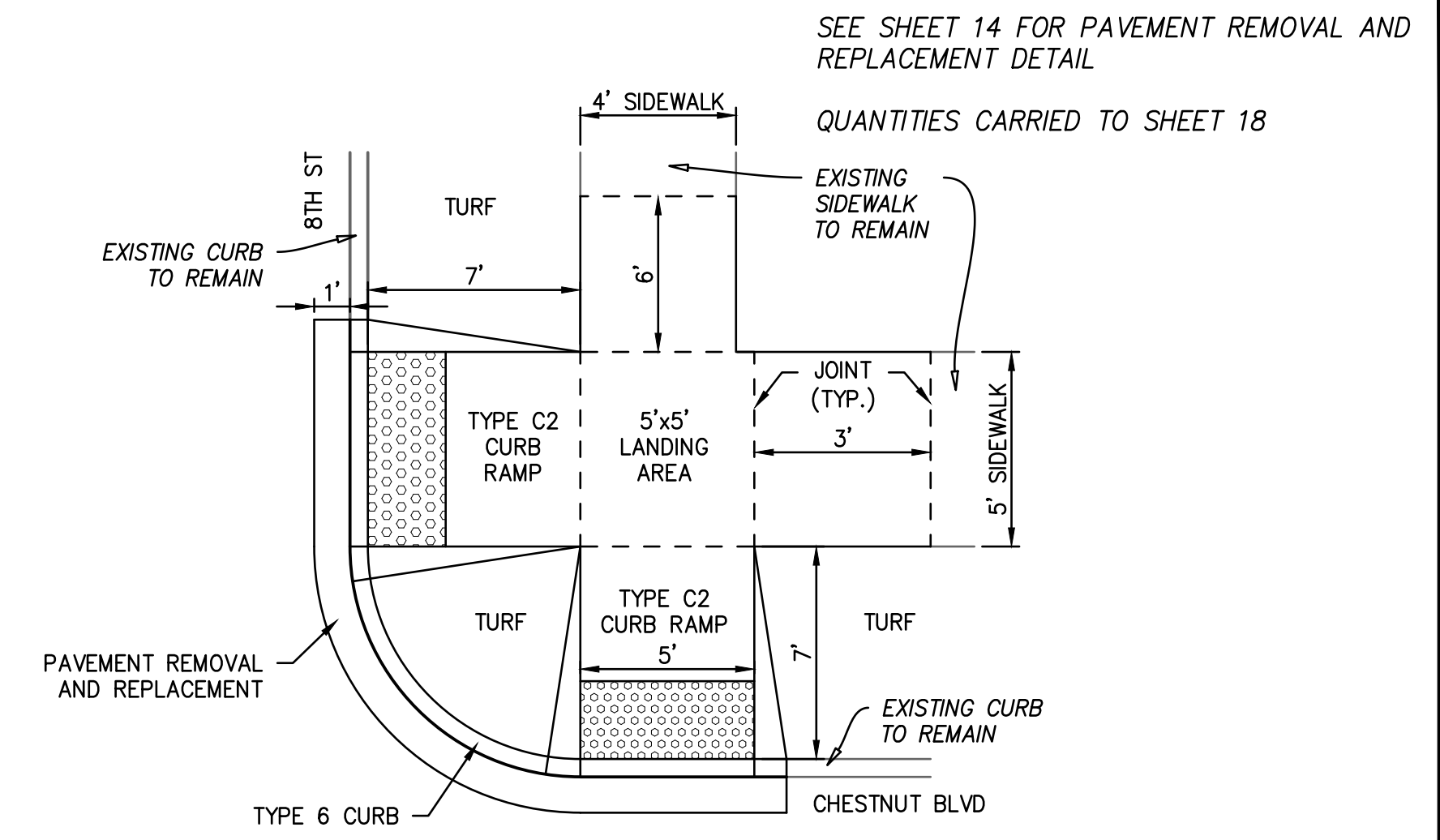
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	96	SF
202	PAVEMENT REMOVED	1.2	SY
202	CURB REMOVED	11	FT
204	SUBGRADE COMPACTION	1.8	SY
301	6" ASPHALT CONCRETE BASE	0.2	CY
304	3" AGGREGATE BASE	0.1	CY
608	4" CONCRETE WALK	20	SF
608	CURB RAMP	76	SF
609	CURB, TYPE 6	11	FT
651	TOPSOIL FURNISHED AND PLACED	1	CY
659	SEEDING AND MULCHING	8.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	8.7	SY

OLIVE PLACE - SOUTHWEST CORNER



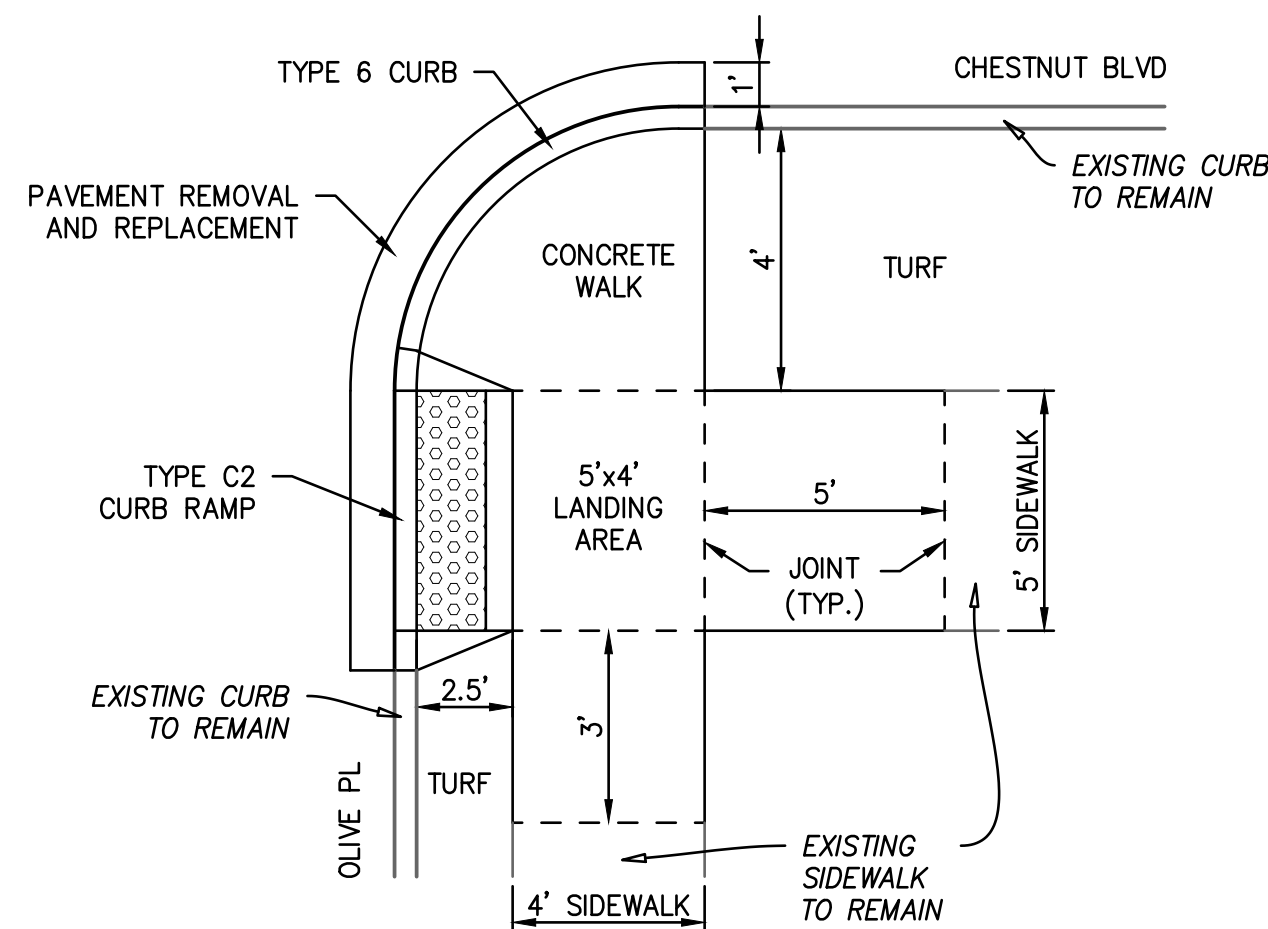
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	159	SF
202	PAVEMENT REMOVED	2	SY
202	CURB REMOVED	18	FT
204	SUBGRADE COMPACTION	3	SY
301	6" ASPHALT CONCRETE BASE	0.33	CY
304	3" AGGREGATE BASE	0.17	CY
608	4" CONCRETE WALK	58	SF
608	CURB RAMP	101	SF
609	CURB, TYPE 6	18	FT
651	TOPSOIL FURNISHED AND PLACED	1.3	CY
659	SEEDING AND MULCHING	11.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	11.3	SY

8TH STREET - NORTHWEST CORNER



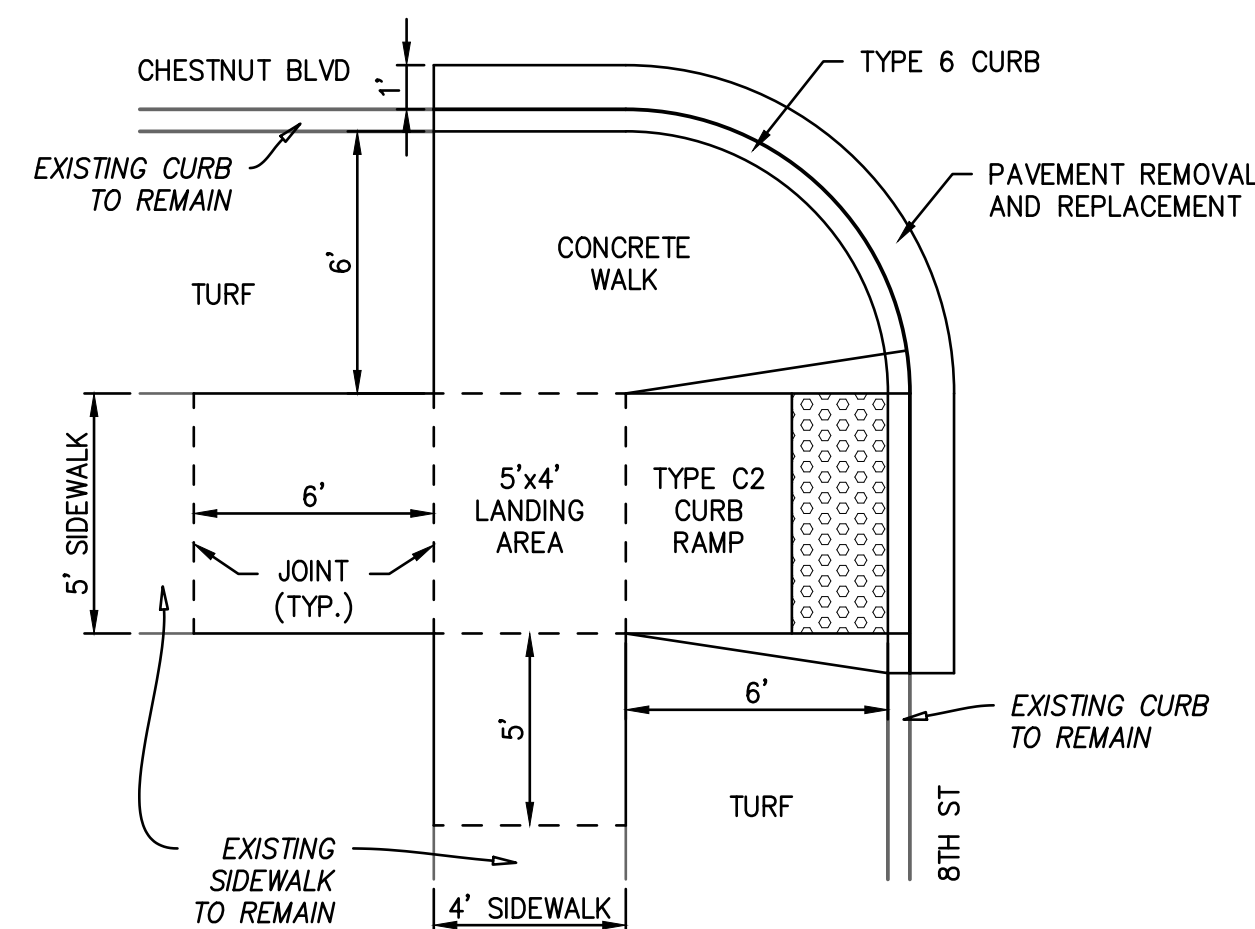
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	127	SF
202	PAVEMENT REMOVED	2	SY
202	CURB REMOVED	18	FT
204	SUBGRADE COMPACTION	3	SY
301	6" ASPHALT CONCRETE BASE	0.33	CY
304	3" AGGREGATE BASE	0.17	CY
608	CURB RAMP	134	SF
609	CURB, TYPE 6	18	FT
651	TOPSOIL FURNISHED AND PLACED	1.8	CY
659	SEEDING AND MULCHING	15.6	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	15.6	SY

8TH STREET - NORTHEAST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	83	SF
202	PAVEMENT REMOVED	1.2	SY
202	CURB REMOVED	11	FT
204	SUBGRADE COMPACTION	1.8	SY
301	6" ASPHALT CONCRETE BASE	0.2	CY
304	3" AGGREGATE BASE	0.1	CY
608	4" CONCRETE WALK	13	SF
608	CURB RAMP	70	SF
609	CURB, TYPE 6	11	FT
651	TOPSOIL FURNISHED AND PLACED	0.9	CY
659	SEEDING AND MULCHING	7.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	7.7	SY

OLIVE PLACE - SOUTHEAST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	145	SF
202	PAVEMENT REMOVED	2	SY
202	CURB REMOVED	18	FT
204	SUBGRADE COMPACTION	3	SY
301	6" ASPHALT CONCRETE BASE	0.33	CY
304	3" AGGREGATE BASE	0.17	CY
608	4" CONCRETE WALK	45	SF
608	CURB RAMP	100	SF
609	CURB, TYPE 6	18	FT
651	TOPSOIL FURNISHED AND PLACED	1.3	CY
659	SEEDING AND MULCHING	11.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	11.7	SY

8TH STREET - SOUTHWEST CORNER

**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
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CURB RAMP DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 20-00332-010
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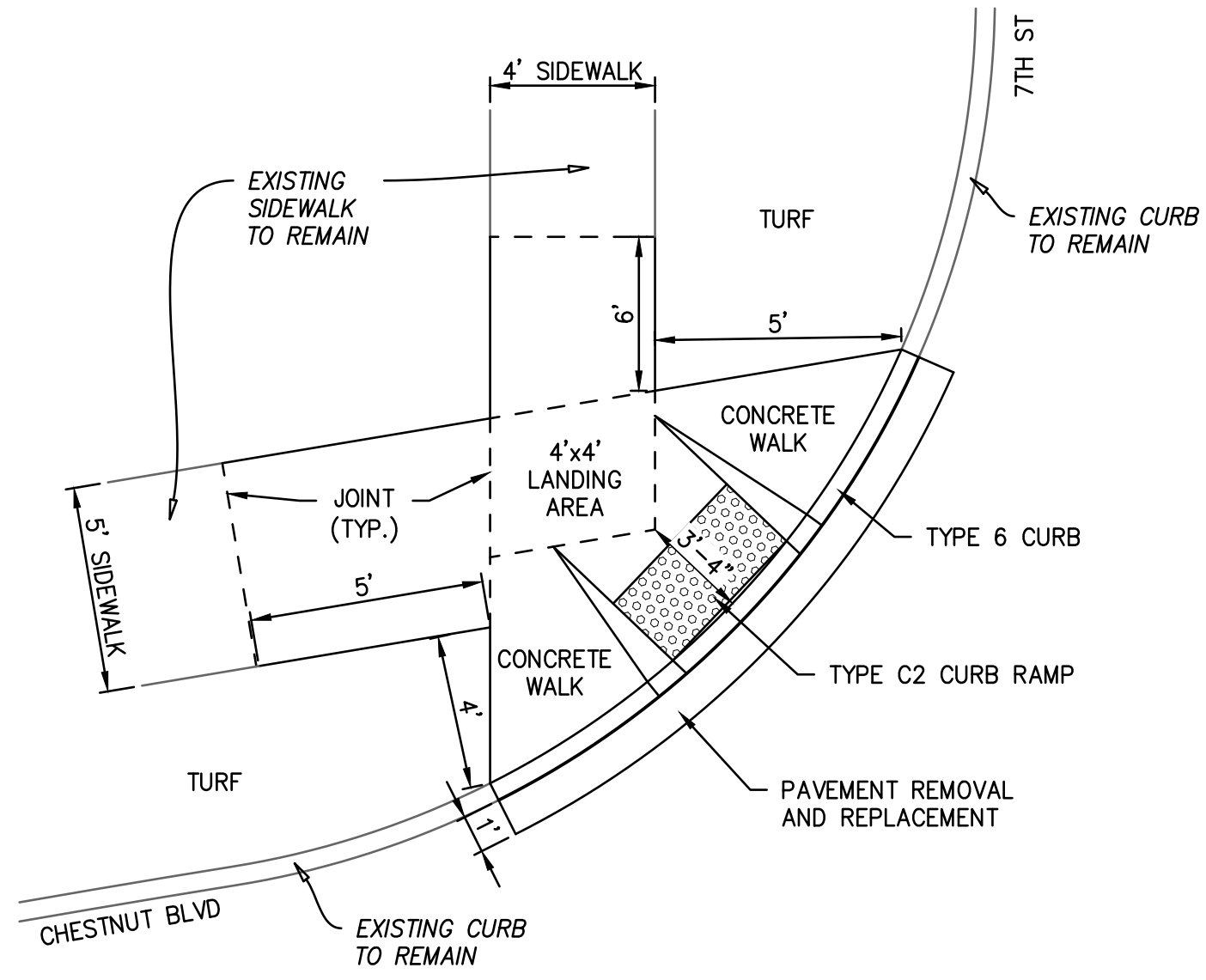
CURB RAMP REPLACEMENT SUBSUMMARY

SHEET	INTERSECTION	CORNER	202	202	202	204	301	304	608	608	609	625	651	659	670
			WALK REMOVED	PAVEMENT REMOVED	CURB REMOVED	SUBGRADE COMPACTION	ASPHALT CONCRETE BASE	AGGREGATE BASE, AS PER PLAN	4" CONCRETE WALK	CURB RAMP	CURB, TYPE 6	PULL BOX MISC.; PULL BOX ADJUSTED TO GRADE	TOPSOIL FURNISHED AND PLACED	SEEDING AND MULCHING	SLOPE EROSION PROTECTION MAT, TYPE G
			SF	SY	SY	SY	CY	CY	FT	FT	FT	EACH	FT	FT	FT
14	STATE	NE-W	112							111			0.4	3.8	3.8
14	STATE	NE-S	126							117		1	1.0	8.7	8.7
14	20TH	NE	118							124			1.9	17.3	17.3
14	20TH	SE	177	2.10	19	3.20	0.35	0.18	53	124	19		1.6	14.3	14.3
SUBTOTAL			533	2.10	19	3.20	0.35	0.18	53.00	476.00	19.00	1.00	4.86	44.10	44.10
TOTAL			533	3	19	4	1	1	53	476	19	1	5	45	45
15	19TH	NE	115						11	108			1.5	13.7	13.7
15	19TH	SW	121						31	92			1.2	11.0	11.0
15	19TH	SE	126						23	97			1.7	15.0	15.0
15	17TH	SW	149	1.80	16	2.70	0.30	0.15	45	104	16		1.4	12.3	12.3
15	17TH	SE	140	1.80	16	2.70	0.30	0.15	45	95	16		1.2	10.7	10.7
SUBTOTAL			651	3.60	32	5.40	0.60	0.30	155	496	32		7.00	62.70	62.70
TOTAL			651	4	32	6	1	1	155	496	32		7	63	63
16	13TH	SW	167	1.80	16	2.70	0.30	0.15	53	114	16		1.4	12.7	12.7
16	13TH	NE	133							130			1.4	12.4	12.7
16	10TH	NE	141	2.10	19	3.20	0.35	0.18	17	131	19		1.2	11.0	11.0
16	10TH	SW	126	2.10	19	3.20	0.35	0.18		126	19		1.7	14.6	14.6
16	10TH	SE	132	2.00	18	3.00	0.33	0.17	10	122	18		1.1	10.0	10.0
SUBTOTAL			699	8.00	72	12.10	1.33	0.68	80	623	72		6.80	60.70	61.00
TOTAL			699	8	72	13	2	1	80	623	72		7	61	61
17	OLIVE PL	SW	96	1.20	11	1.80	0.20	0.10	20	76	11		1.0	8.7	8.7
17	OLIVE PL	SE	83	1.20	11	1.80	0.20	0.10	13	70	11		0.9	7.7	7.7
17	8TH	NW	159	2.00	18	3.00	0.33	0.17	58	101	18		1.3	11.3	11.3
17	8TH	NE	127	2.00	18	3.00	0.33	0.17		134	18		1.8	15.6	15.6
17	8TH	SW	145	2.00	18	3.00	0.33	0.17	45	100	18		1.3	11.7	11.7
SUBTOTAL			610	8.40	76	12.60	1.39	0.71	136	481	76		6.30	55.00	55.00
TOTAL			610	9	76	13	2	1	136	481	76		7	55	55
18	7TH	NW	113	1.70	15	2.60	0.28	0.14	31	82	15		1.2	10.3	10.3
18	7TH	NE	139	1.30	12	2.00	0.22	0.11		139	12		1.3	12.0	12.0
18	MERILINE	SW	130							115			1.8	16.3	16.3
SUBTOTAL			382	3.00	27	4.60	0.50	0.25	31	336	27		4.30	38.60	38.60
TOTAL			382	3	27	5	1	1	31	336	27		5	39	39
19	3RD	NW	142							121			1.9	17.0	17.0
19	3RD	NE	101	1.60	14	2.30	0.26	0.13		71	14		1.0	9.3	9.3
19	3RD	SE-N	43							55			0.8	7.3	7.3
19	3RD	SW	174	1.80	16	2.70	0.30	0.15		155	16		2.5	22.1	22.1
19	2ND	NW	75							76			0.8	7.6	7.6
19	2ND	NE	52							52			0.3	2.7	2.7
SUBTOTAL			587	3.40	30	5.00	0.56	0.28		530	30		7.31	66.00	66.00
TOTAL			587	4	30	5	1	1		530	30		8	66	66
TOTALS CARRIED TO GENERAL SUMMARY			3462	31	256	46	8	6	455	2942	256	1	39	329	329

DETECTABLE WARNING ADDITION SUBSUMMARY

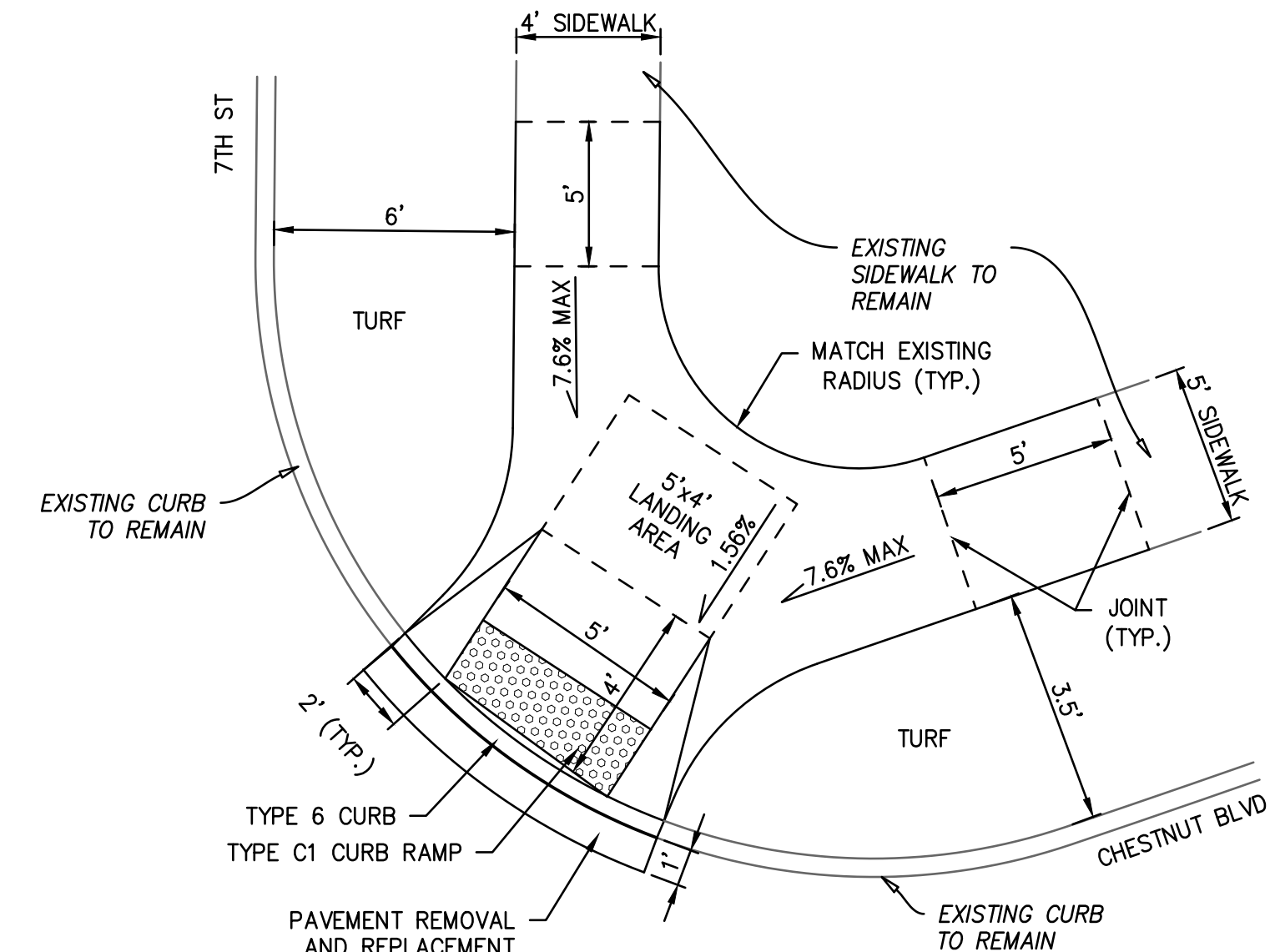
INTERSECTION	CORNER	202	608
		WALK REMOVED	DETECTABLE WARNINGS
		SF	SF
20TH	SW	25.00	25.0
19TH	NW	28.00	28.0
14TH	NE	22.00	22.0
14TH	NW	28.00	28.0
13TH	SE	23.00	23.0
12TH	NE	26.00	26.0
12TH	NW	55.00	55.0
12TH	S	36.00	36.0
10TH	NW	42.00	42.0
8TH	SE	33.00	33.0
7TH	SE	42.00	42.0
7TH	SW	41.00	41.0
3RD	SE - WE	18.00	18.0
TOTALS CARRIED TO GENERAL SUMMARY		419	419

DETECTABLE WARNINGS ADDITION
 THIS TABLE PROVIDES QUANTITIES FOR LOCATIONS WHERE THE EXISTING CURB RAMP MEETS ALL ADA REQUIREMENTS EXCEPT THAT DETECTABLE WARNINGS ARE NOT PRESENT. REMOVE EXISTING WALK TO NEAREST JOINT AND INSTALL DETECTABLE WARNINGS AS PER ODOT STD DWG BP-7.1. QUANTITY FOR DETECTABLE WARNINGS PROVIDED INCLUDES REINSTALLATION OF AREA OF CURB RAMP REMOVED TO INSTALL DETECTABLE WARNINGS..



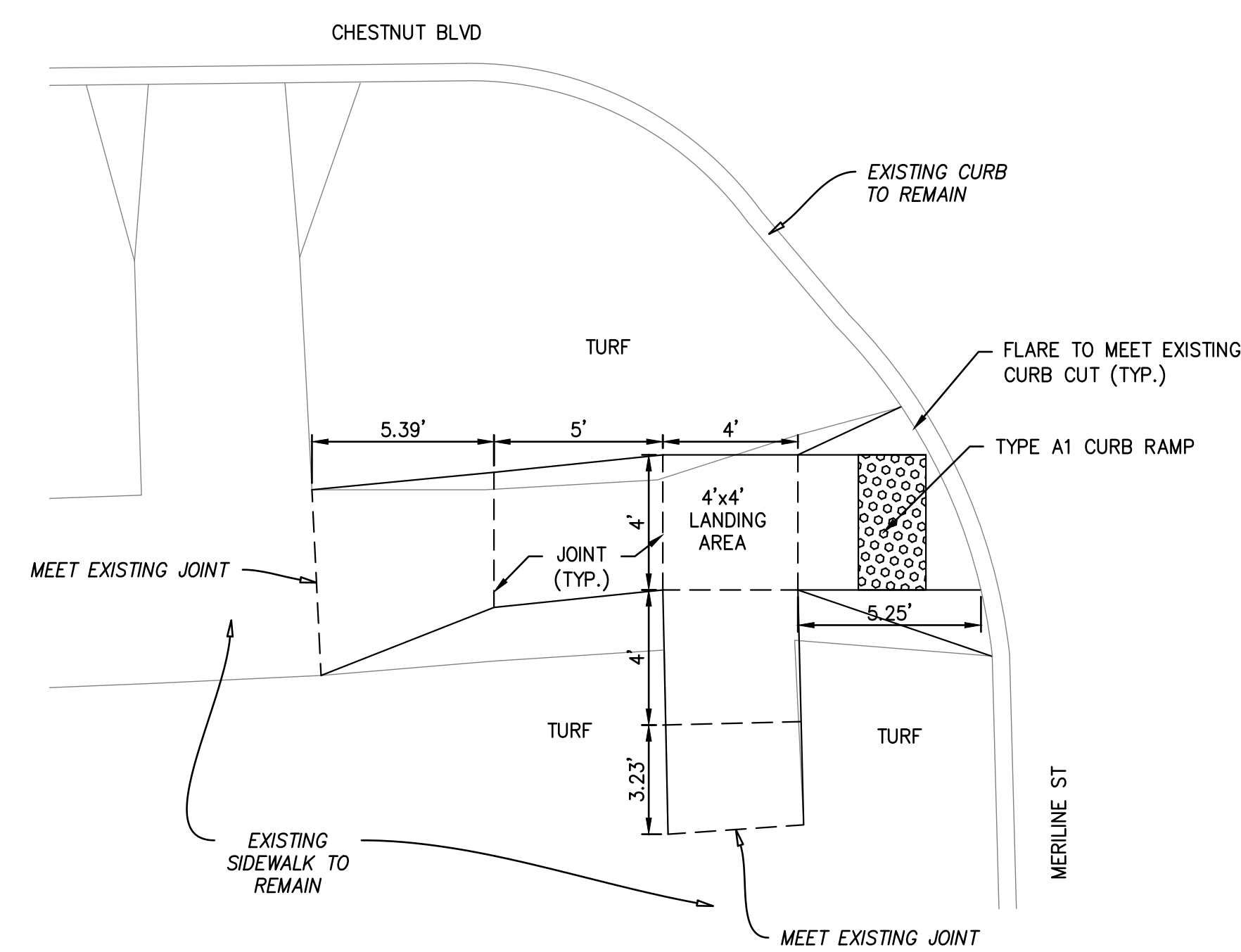
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	113	SF
202	PAVEMENT REMOVED	1.7	SY
202	CURB REMOVED	15	FT
204	SUBGRADE COMPACTION	2.6	SY
301	6" ASPHALT CONCRETE BASE	0.28	CY
304	3" AGGREGATE BASE	0.14	CY
608	4" CONCRETE WALK	31	SF
608	CURB RAMP	82	SF
609	CURB, TYPE 6	15	FT
651	TOPSOIL FURNISHED AND PLACED	1.2	CY
659	SEEDING AND MULCHING	10.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	10.3	SY

7TH STREET - NORTHWEST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	139	SF
202	PAVEMENT REMOVED	1.3	SY
202	CURB REMOVED	12	FT
204	SUBGRADE COMPACTION	2	SY
301	6" ASPHALT CONCRETE BASE	0.22	CY
304	3" AGGREGATE BASE	0.11	CY
608	CURB RAMP	139	SF
609	CURB, TYPE 6	12	FT
651	TOPSOIL FURNISHED AND PLACED	1.3	CY
659	SEEDING AND MULCHING	12	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	12	SY

7TH STREET - NORTHEAST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	130	SF
608	CURB RAMP	115	SF
651	TOPSOIL FURNISHED AND PLACED	1.8	CY
659	SEEDING AND MULCHING	16.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	16.3	SY

**MERLINE STREET - SOUTHWEST CORNER
 EAST CROSSING**

SEE SHEET 14 FOR PAVEMENT
 REMOVAL AND REPLACEMENT DETAIL

E:\CUYAHOGA FALLS CITY OF 20-00332-010 CHESTNUT BLVD RESURFACING\CAD\DWG\RESURFACING\20-00332-010 - 3/17/2021 11:05:59 AM

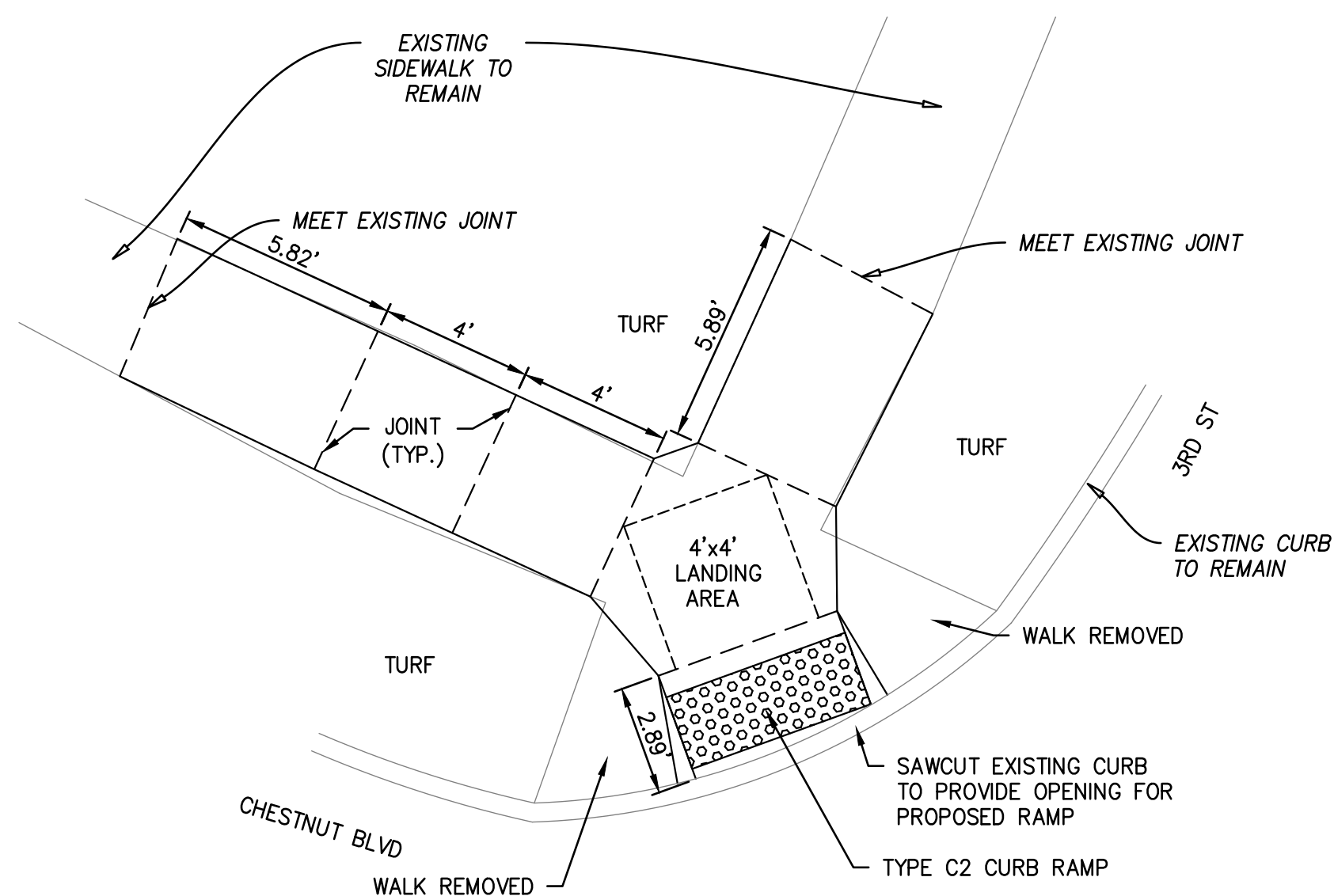
**CHESTNUT BOULEVARD
 RESURFACING
 CITY OF CUYAHOGA FALLS**

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

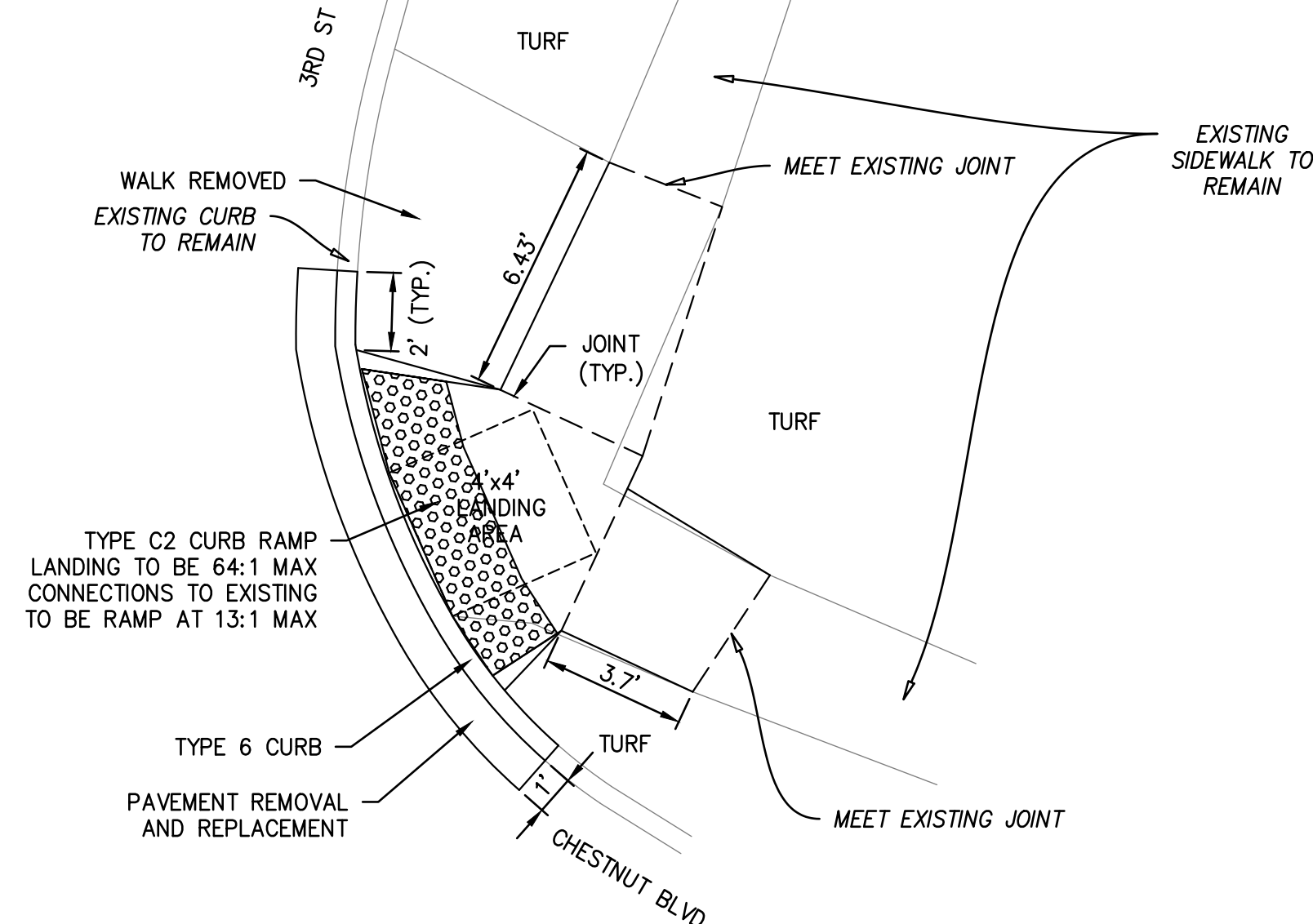
PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: BJB
 DATE ISSUED: 2020/09/01

CURB RAMP DETAILS



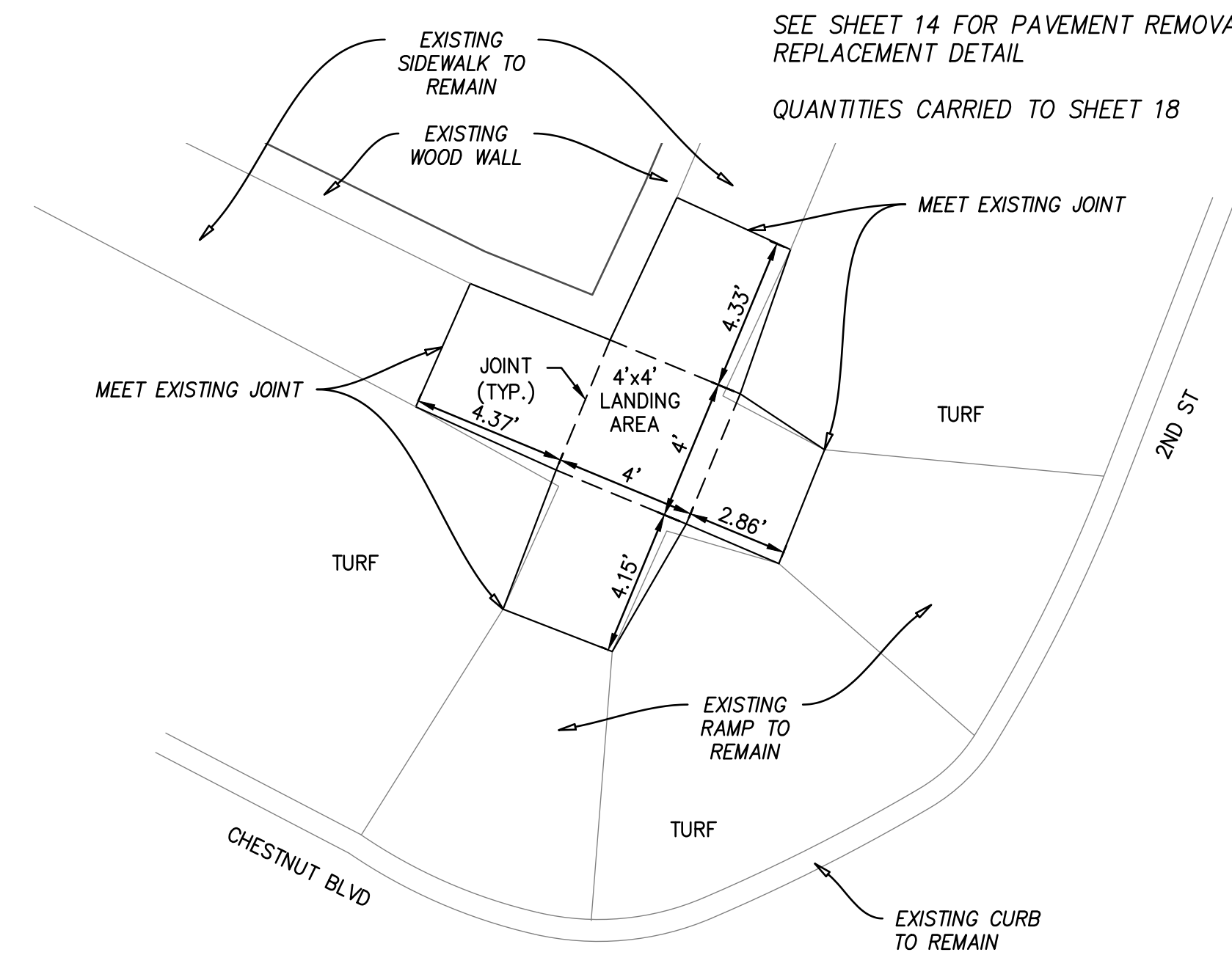
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	142	SF
608	CURB RAMP	121	SF
651	TOPSOIL FURNISHED AND PLACED	1.9	CY
659	SEEDING AND MULCHING	17	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	17	SY

3RD STREET - NORTHWEST CORNER



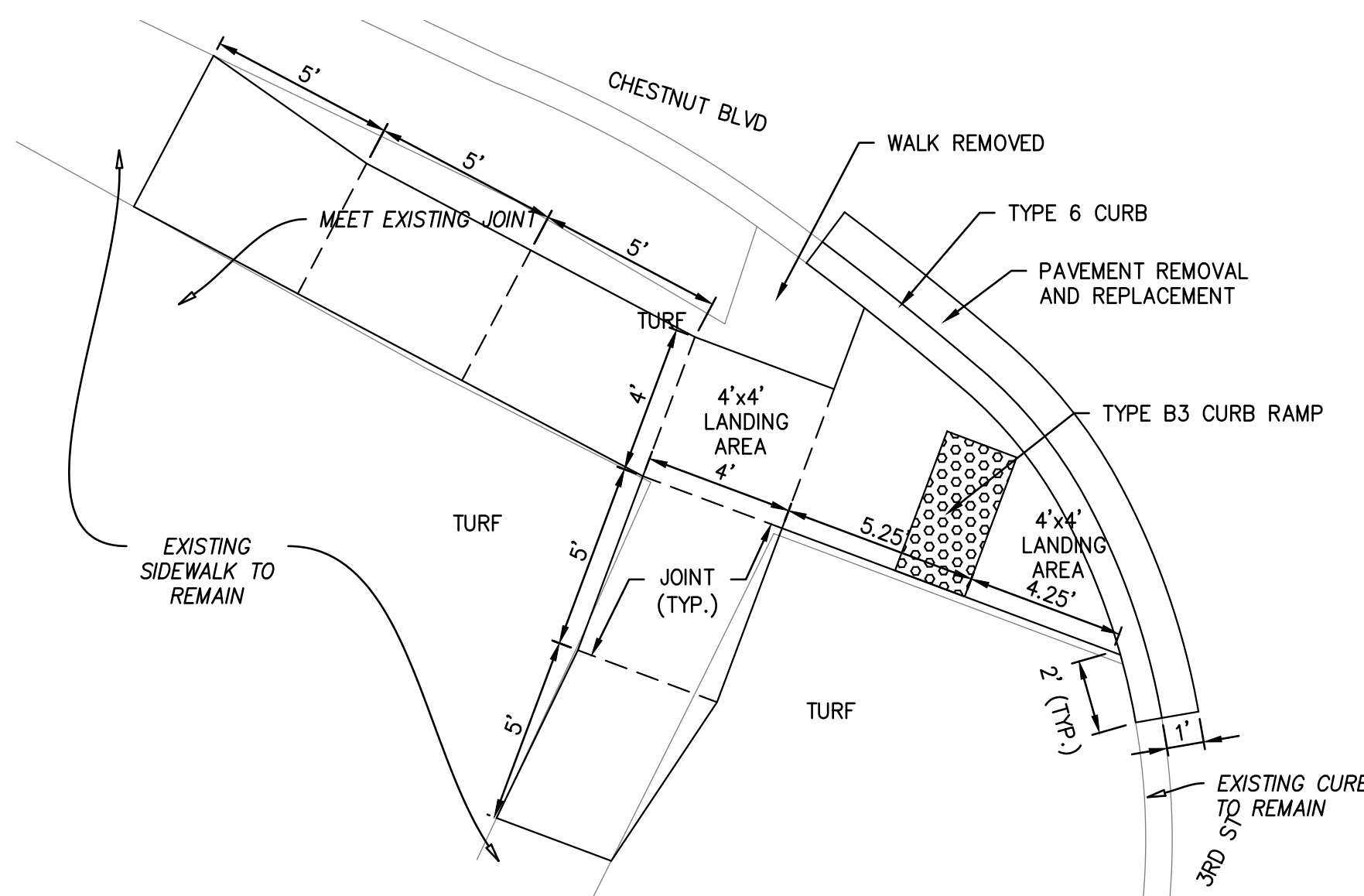
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	101	SF
202	PAVEMENT REMOVED	1.6	SY
202	CURB REMOVED	14	FT
204	SUBGRADE COMPACTION	2.3	SY
301	6" ASPHALT CONCRETE BASE	0.26	CY
304	3" AGGREGATE BASE	0.13	CY
608	CURB RAMP	71	SF
609	CURB, TYPE 6	14	FT
651	TOPSOIL FURNISHED AND PLACED	1.0	CY
659	SEEDING AND MULCHING	9.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	9.3	SY

3RD STREET - NORTHEAST CORNER



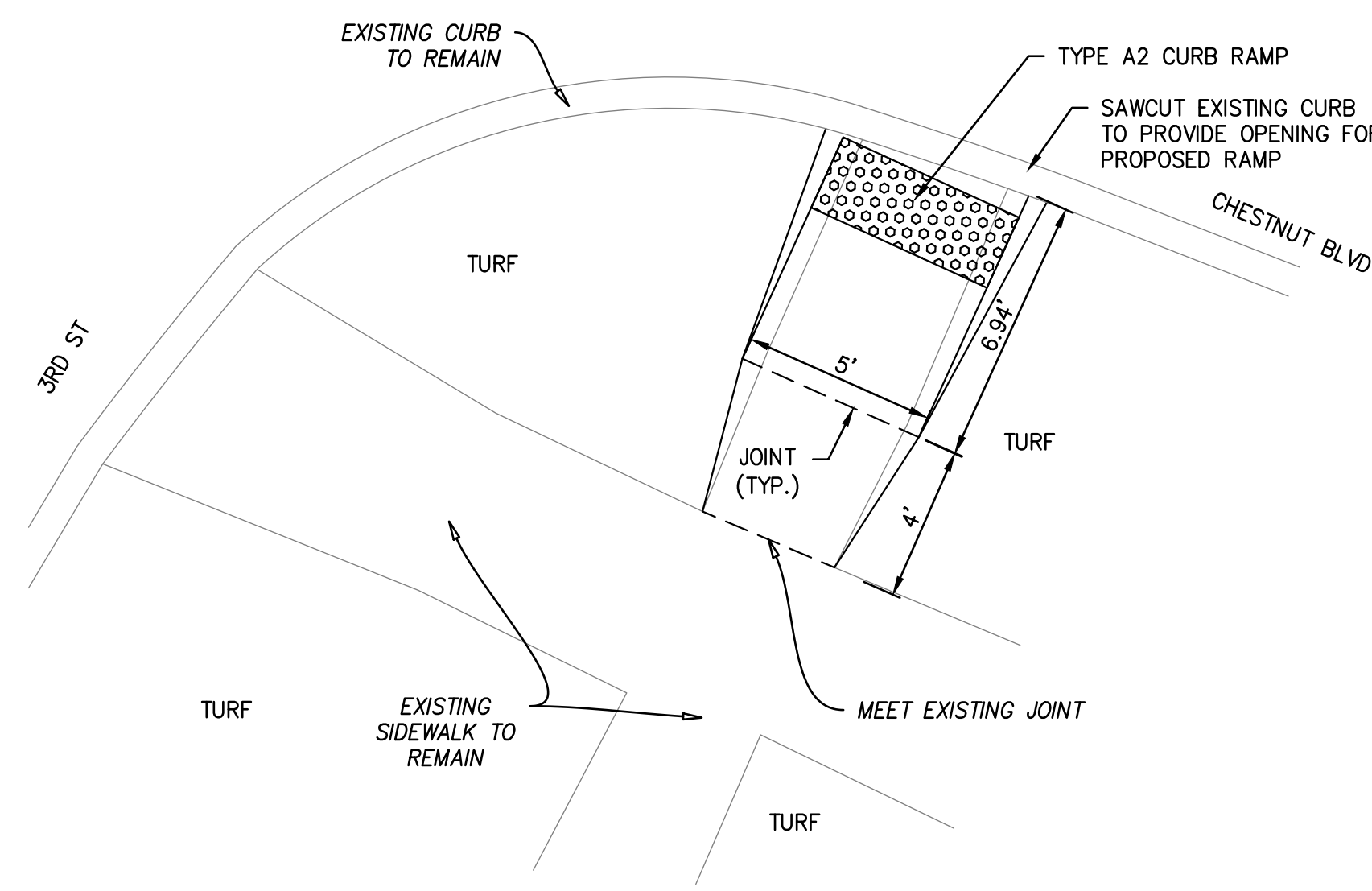
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	75	SF
608	CURB RAMP	76	SF
651	TOPSOIL FURNISHED AND PLACED	0.8	CY
659	SEEDING AND MULCHING	7.6	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	7.6	SY

2ND STREET - NORTHWEST CORNER



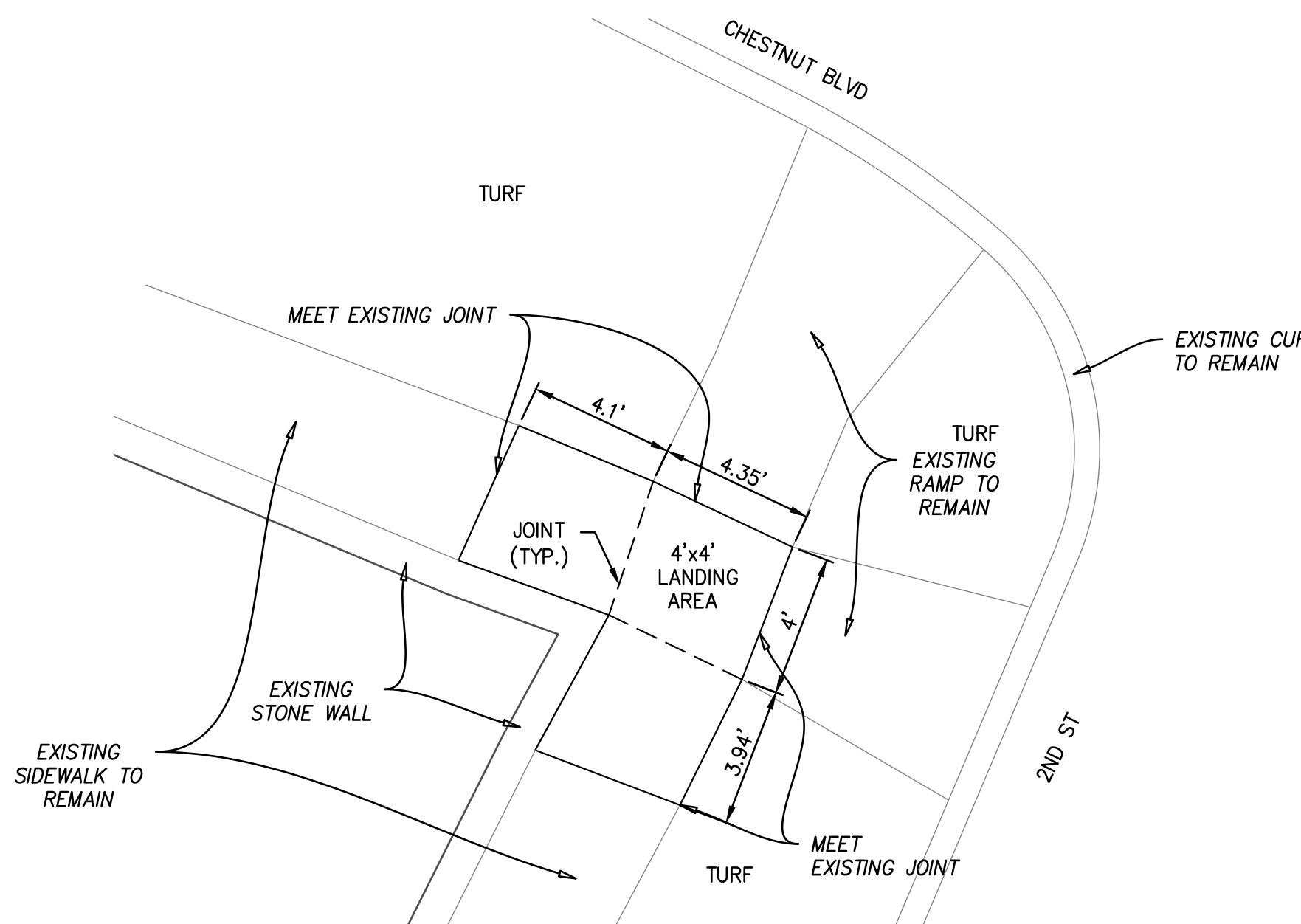
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	174	SF
202	PAVEMENT REMOVED	1.8	SY
202	CURB REMOVED	16	FT
204	SUBGRADE COMPACTION	2.7	SY
301	6" ASPHALT CONCRETE BASE	0.30	CY
304	3" AGGREGATE BASE	0.15	CY
608	CURB RAMP	155	SF
609	CURB, TYPE 6	16	FT
651	TOPSOIL FURNISHED AND PLACED	2.5	CY
659	SEEDING AND MULCHING	22.1	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	22.1	SY

3RD STREET - SOUTHWEST CORNER



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	43	SF
608	CURB RAMP	55	SF
651	TOPSOIL FURNISHED AND PLACED	0.8	CY
659	SEEDING AND MULCHING	7.3	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	7.3	SY

**3RD STREET - SOUTHEAST CORNER
 NORTH CROSSING**



ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202	WALK REMOVED	52	SF
608	CURB RAMP	52	SF
651	TOPSOIL FURNISHED AND PLACED	0.30	CY
659	SEEDING AND MULCHING	2.7	SY
670	SLOPE EROSION PROTECTION MAT, TYPE G	2.7	SY

2ND STREET - SOUTHWEST CORNER

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 \\c:\fs007.dot.state.oh.us\Roadway\Standards\Publications\LDMA\Publications\LDMA\Standards\2020-07-17\working\STANDARD DWG BP-7.1 Updates\3-18-20 BP-7.1-2018-07-20.dgn Sheet 2 7/13/2020 10:35:19 AM mquadr



REVISION DATE
 7-17-2020

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR
 Brenton Bogard

STATE ENGINEER
 D. Fisher

OFFICE OF ROADWAY ENGINEERING

STANDARD ROADWAY CONSTRUCTION DRAWING
NEW CURB RAMPS (with Detectable Warnings)

SC# NUMBER
BP-7.1

2 / 3

CHESTNUT BOULEVARD RESURFACING
 CITY OF CUYAHOGA FALLS

TRACINGS SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 20-00332-010
 DRAWN BY: SDK & CMR
 CHECKED BY: BJB
 DATE ISSUED: 2020/09/01

CURB RAMP STANDARD DRAWINGS

NOTES CONTINUED

The running slope of the curb ramp shall be a 13:1 maximum or flatter. In existing sidewalks, where the maximum ramp slope is not feasible due to site constraints (e.g. utility poles or vaults, right-of-way limits) it may be reduced as follows:

- A) 10:1 for a max. rise of 6",
- B) 8:1 for a max. rise of 3",
- C) 6:1 over a max. run of 2'-0" for historic areas where a flatter slope is not feasible.

To prevent chasing the grade indefinitely, the transition from existing sidewalk to the shaded curb ramp area is not required to exceed 15 feet in length.

While ramps may be skewed to the crosswalk, the entire lower landing area must fall within the cross walk that the ramp serves and cannot be located in the traveled lane of opposing traffic.

The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transitions shall be 20:1 or flatter.

The bottom edge of the ramp shall change planes perpendicular to the landing.

The edge of the curb shall be flush with the edge of the adjacent pavement and gutter and surface slopes that meet grade breaks shall also be flush.

Ramp landings shall be 4' min. x 4' min. with a 64:1 or flatter cross slope and running slope.

DETECTABLE WARNINGS: Install Detectable Warnings on each curb ramp with approved materials, as shown on Sheet 3. Install these proprietary products as per manufacturer's written instructions.

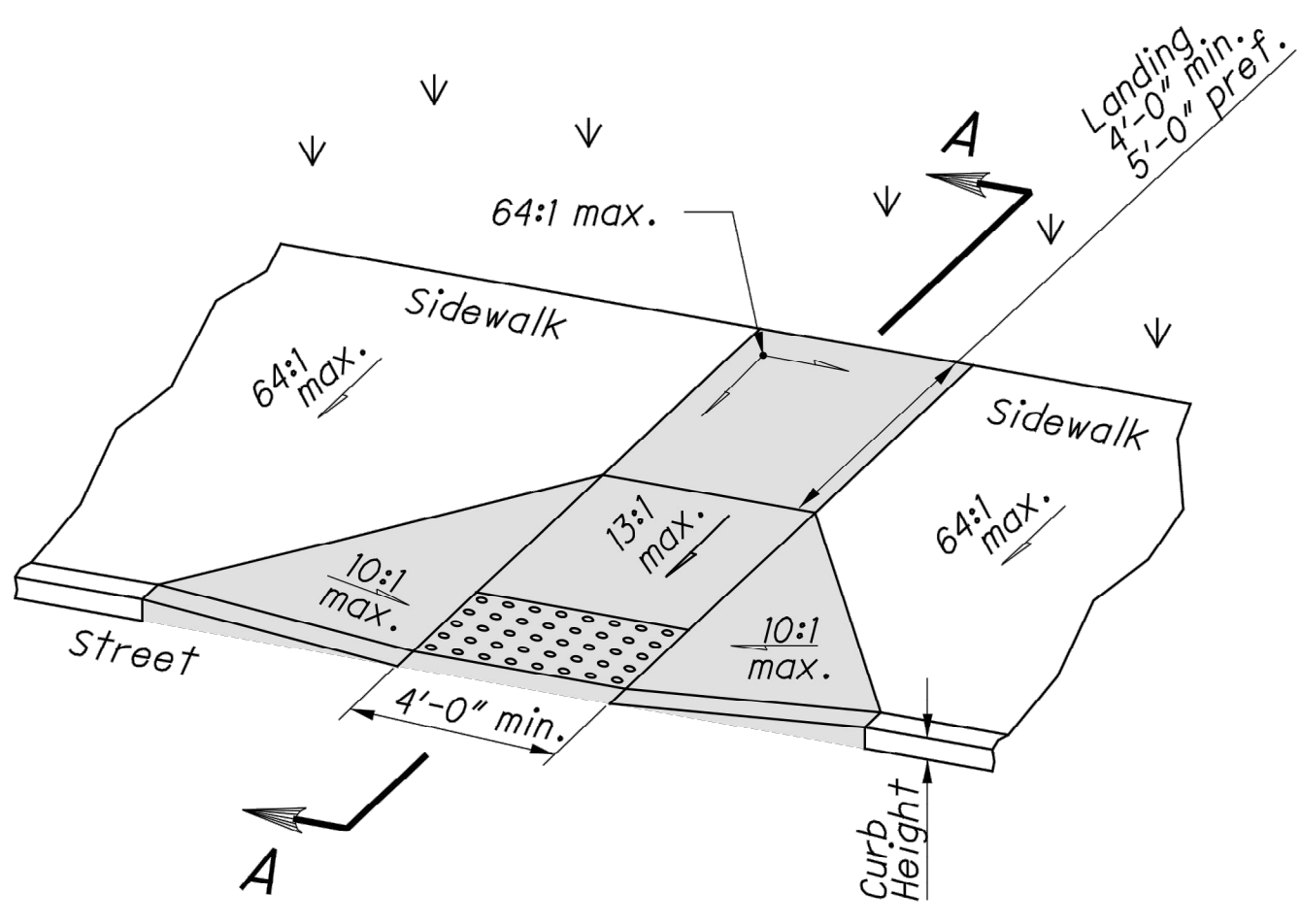
DRAINAGE: Contractor is to ensure the base of each constructed curb ramp allows for proper drainage, without exceeding allowable cross slope or ramp slopes. Vertical change in level exceeding 1/8" between the 1) pavement and gutter, and 2) gutter and ramp, are not allowed.

SURFACE TEXTURE: Texture concrete surfaces by coarse brooming transverse to the ramp slopes to be rougher than the adjacent walk.

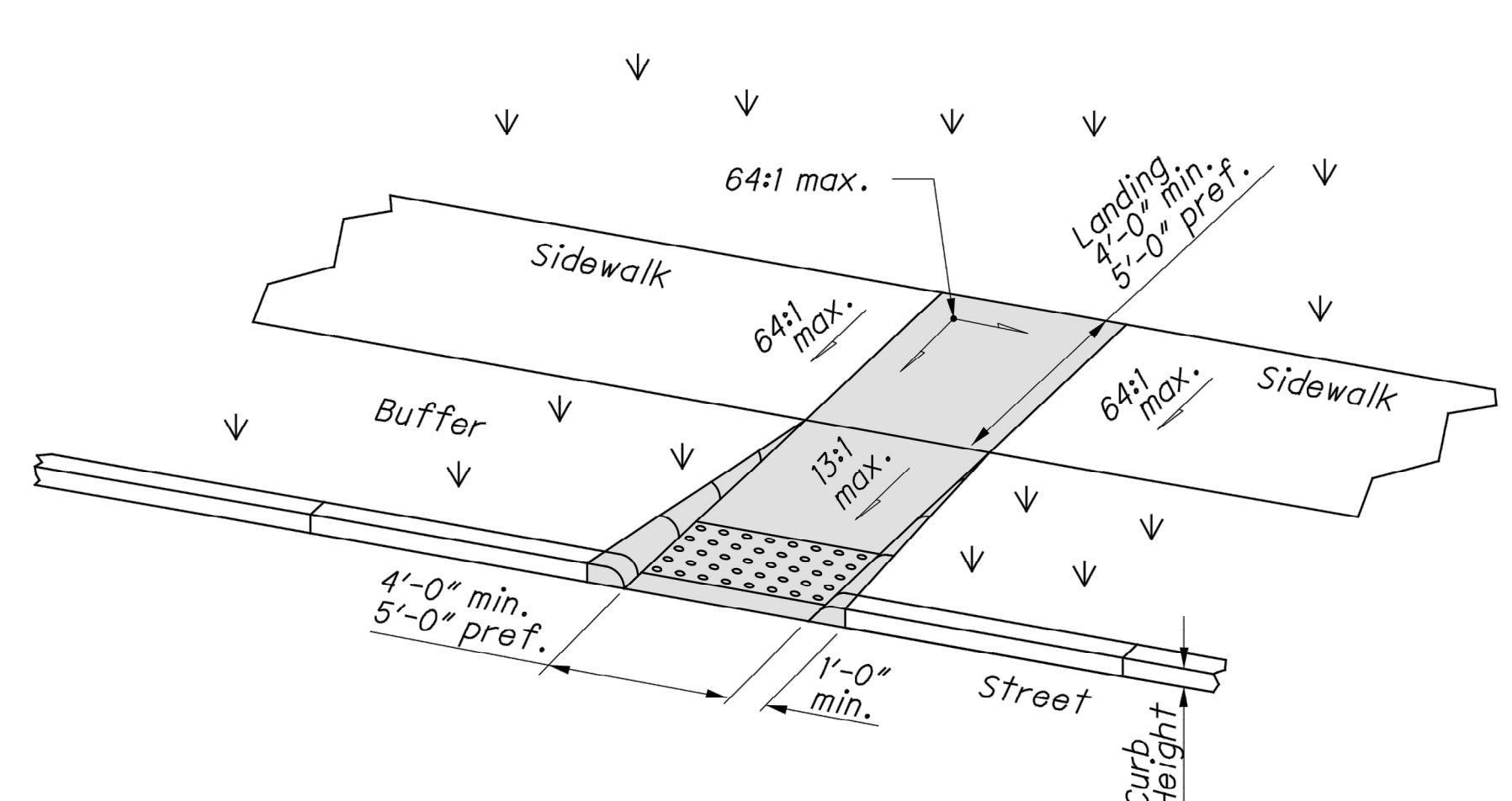
JOINTS: Provide expansion joints in the curb ramp as extensions of walk joints and consistent with Item 608.03 requirements for a new concrete walk. Provide a 1/2" Item 705.03 expansion joint filler around the edge of ramps built in existing concrete walks. Lines shown on this drawing indicate the ramp edges and slope changes, and do not necessarily indicate joint lines.

See Sheet 3 for Sections.

THIS DRAWING REPLACES BP-7.1 DATED 7-20-2018.

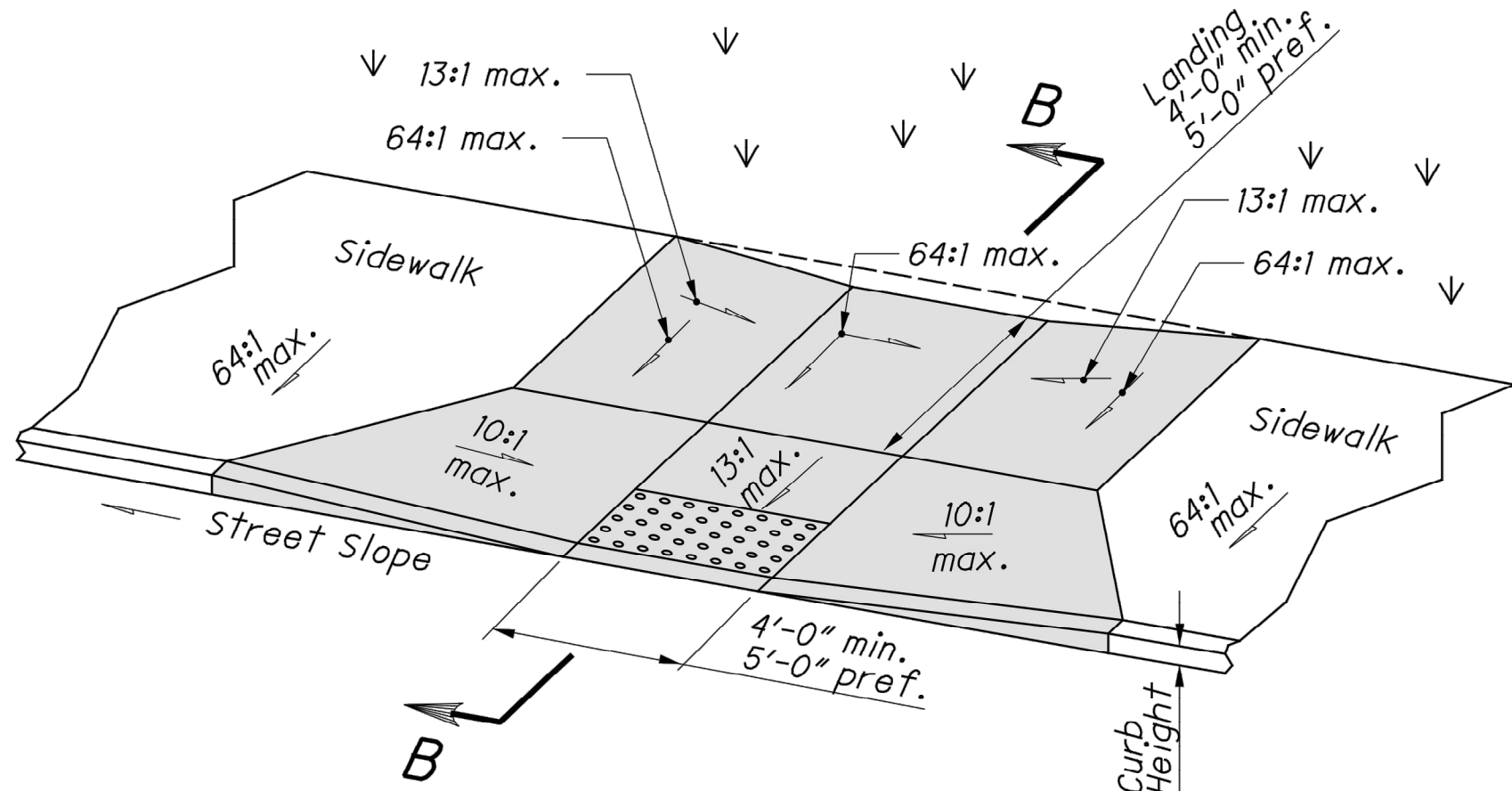


Type A1 (Perpendicular with flared sides)

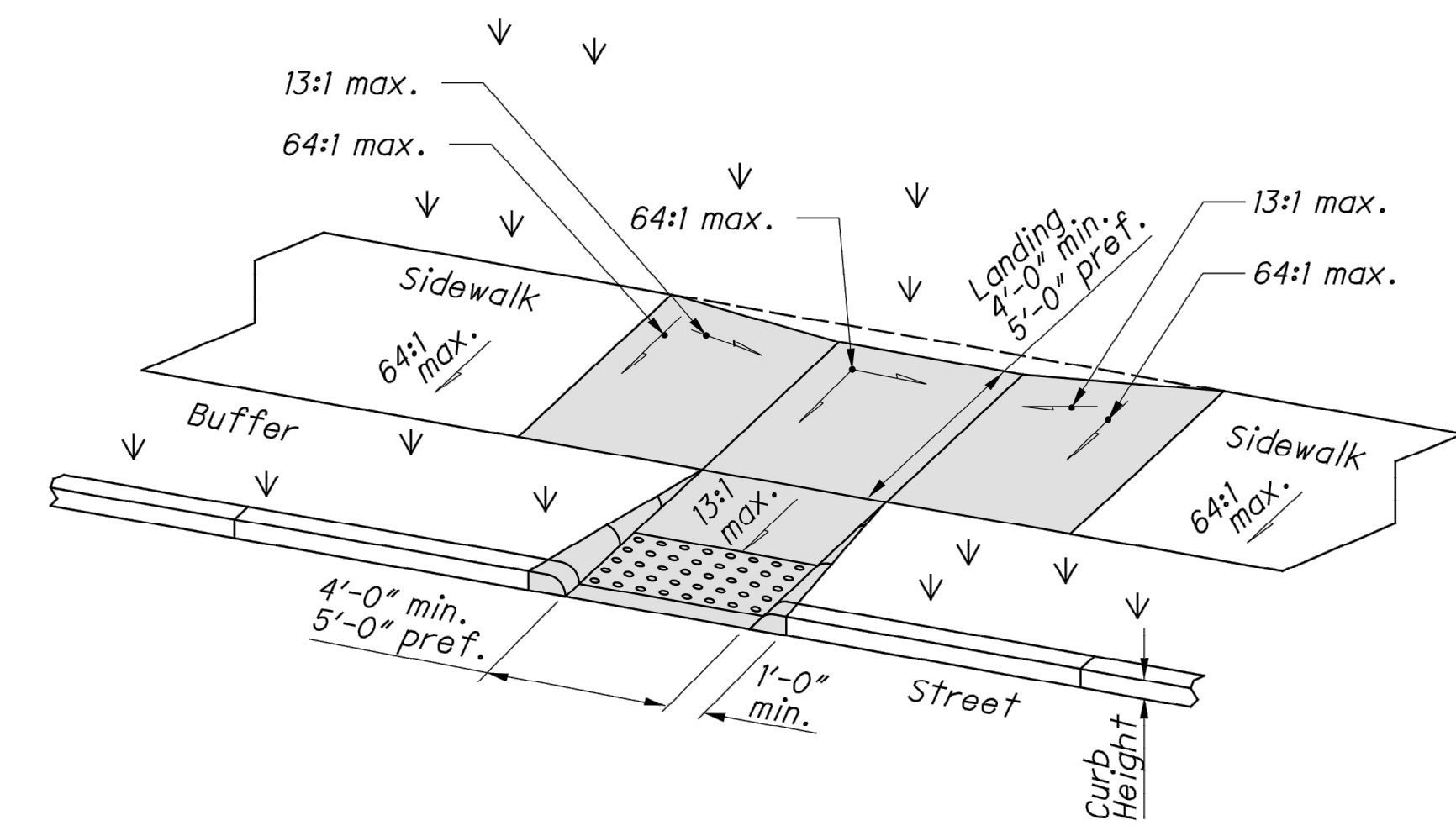


Type A2 (Perpendicular with returned curb)

PERPENDICULAR CURB RAMP DETAILS

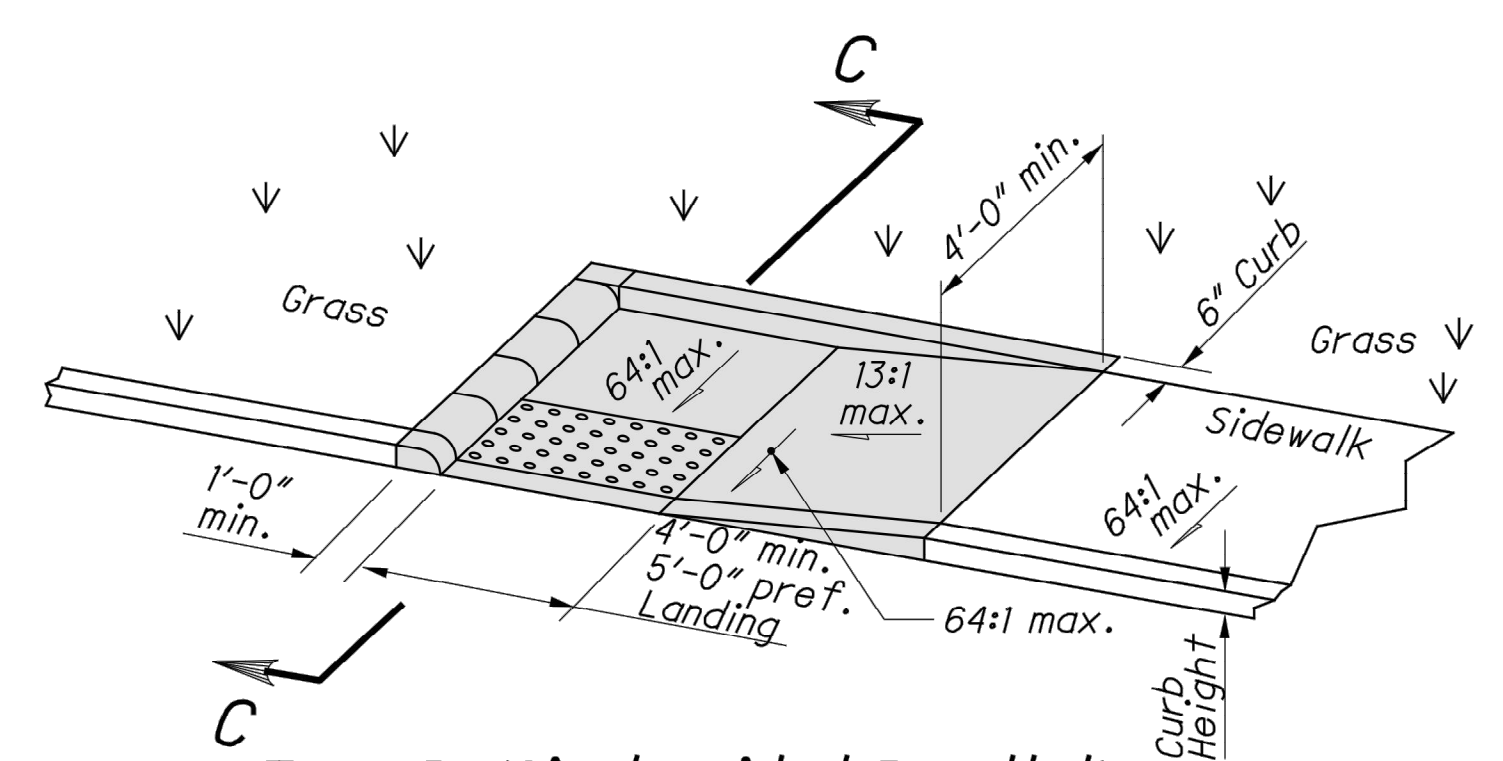


Type C1 (Combined with flared sides)

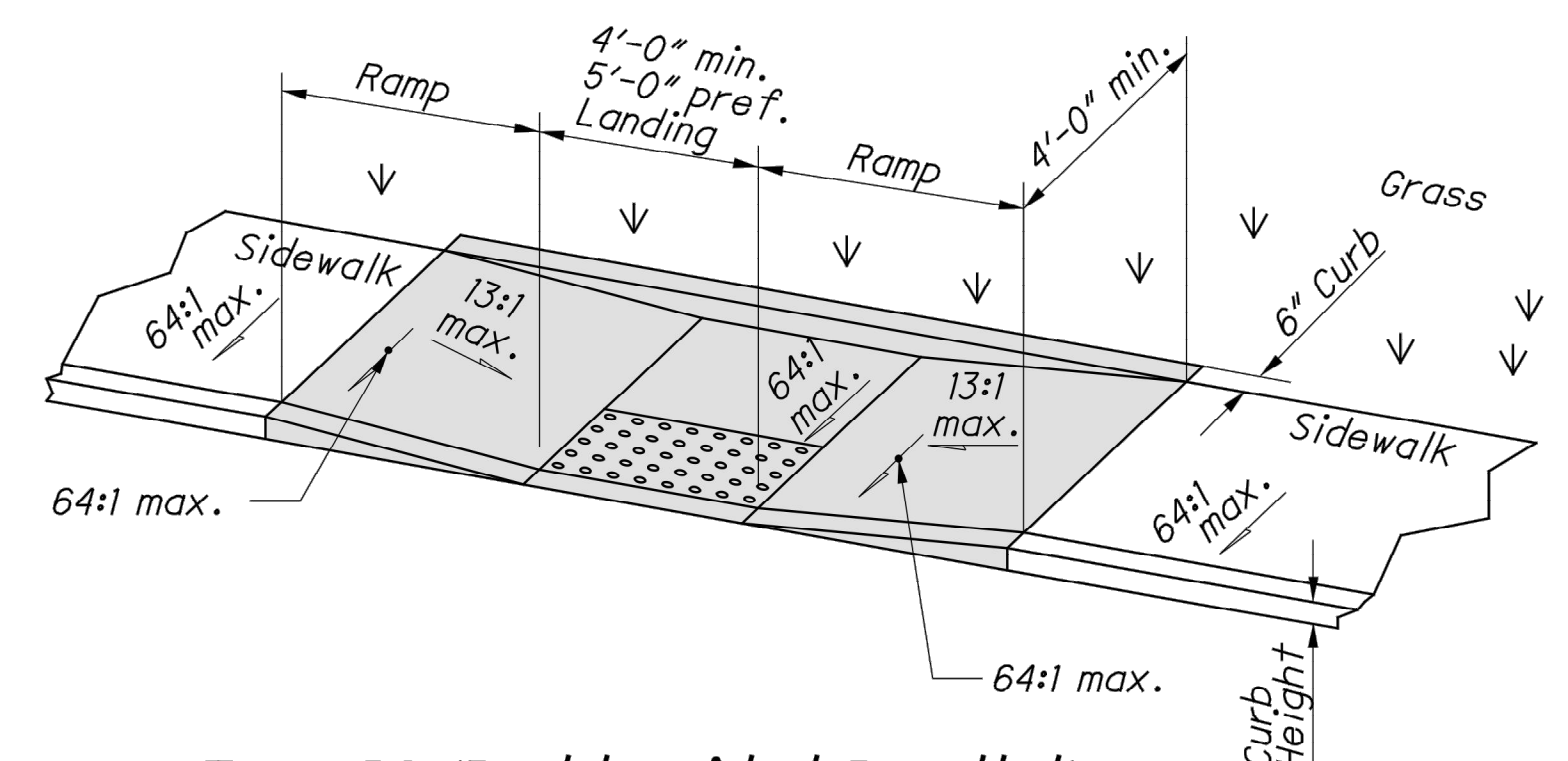


Type C2 (Combined with returned curb)

COMBINED CURB RAMP DETAILS

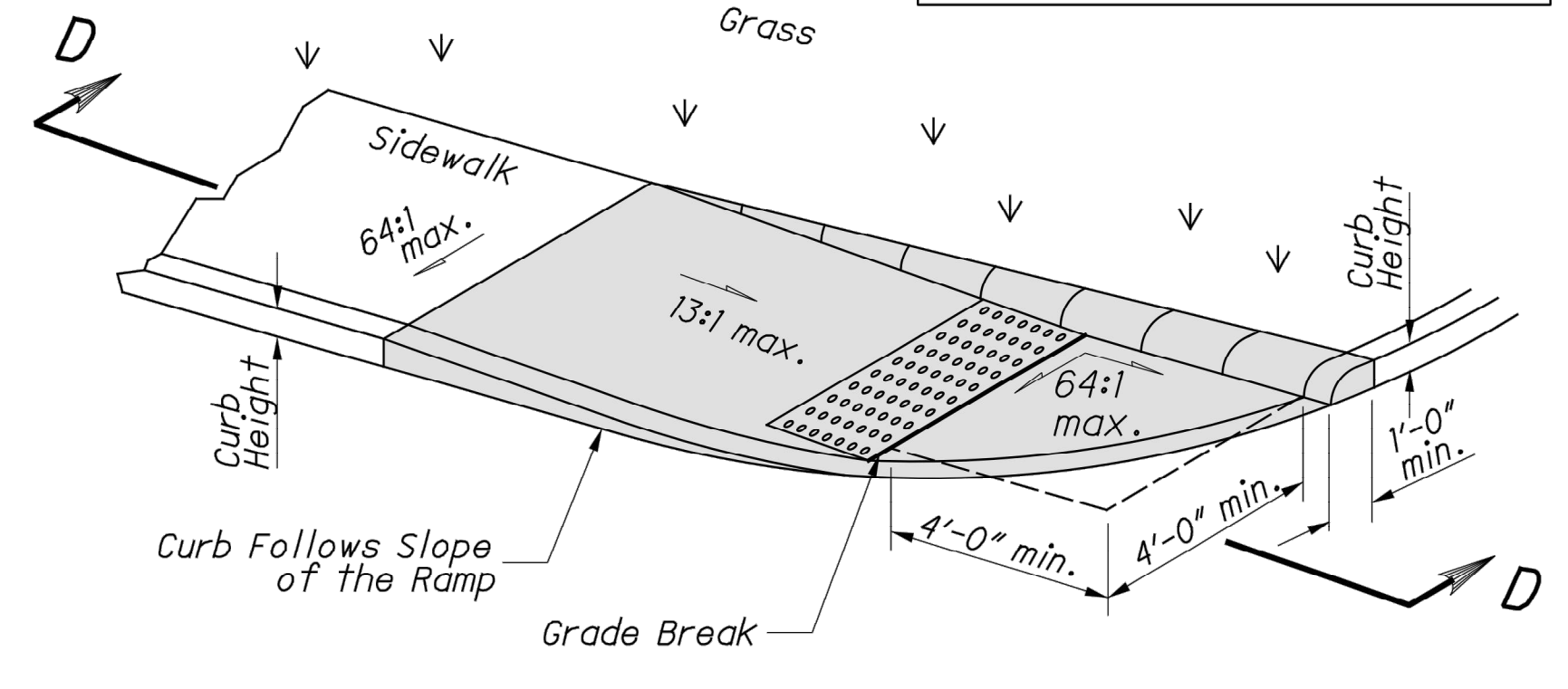


Type B1 (Single sided Parallel)



Type B2 (Double sided Parallel)

PARALLEL CURB RAMP DETAILS



Type B3 (Single sided Parallel)

