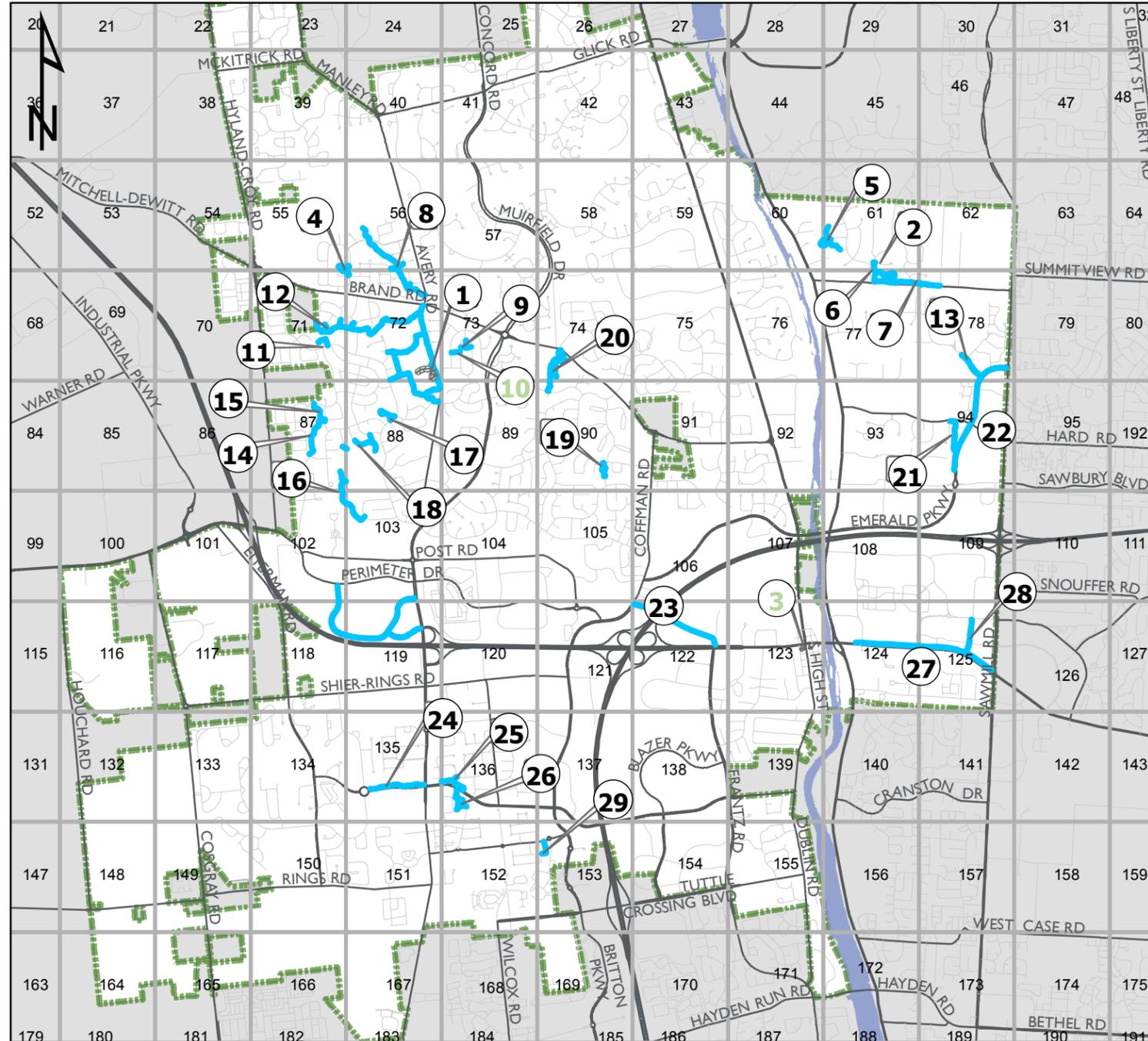


2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM



Date: 6/2/2015

LEGEND

- Parking Lot Work Areas
- Shared Use Path - Seal Coating

Map No.	Location	Sheet Numbers (Map Grid Numbers)				Estimated Quantities and Construction Details
		Pavement and Concrete Work	Storm Work	Curb Ramp Locations	Traffic and Striping	
1	Avery Park - South Lot	2-3,6	1, 7-12	-	5	13
2	Penrith Court Shared Use Path	14	-	14	-	15
3	Franklin Town Center Parking Lots	16-17	-	-	18-19	20
4	Belvedere Park	22, 24, (55,56,71,72)	-	-	-	See General Qty. Sheets
5	Wedgewood Hills Park	23, (61)	-	-	-	See General Qty. Sheets
6	Campden Lakes Park	23, 26, (61,77,78)	-	-	-	See General Qty. Sheets
7	Wedgewood Glen Park	6, (77,78)	-	-	-	See General Qty. Sheets
8	Shannon Glenn	22, 24, (56,72)	-	-	-	See General Qty. Sheets
9	Hawks Nest Park	25, (73)	-	-	-	See General Qty. Sheets
10	Kestral Way and Fulmar	25, (73)	-	-	-	See General Qty. Sheets
11	Bishops Run Park	24, (71)	-	-	-	See General Qty. Sheets
12	Westbury Park	24, (71,72)	-	-	-	See General Qty. Sheets
13	Wyandotte Woods Blvd	26, (78)	-	-	-	See General Qty. Sheets
14	Post Preserve Park	27, (87)	-	-	-	See General Qty. Sheets
15	Park Mill	27, (87)	-	-	-	See General Qty. Sheets
16	Red Trabue	27, 29, (87,102,103)	-	-	-	See General Qty. Sheets
17	Wyndham Park	27, (88)	-	-	-	See General Qty. Sheets
18	Karrer Middle School	27, (88)	-	-	-	See General Qty. Sheets
19	Stonefield Park	28, (90)	-	-	-	See General Qty. Sheets
20	Earlington Park	25, 28, (74,90)	-	-	-	See General Qty. Sheets
21	East of Claddaugh	28, (94)	-	-	-	See General Qty. Sheets
22	Emerald Parkway	26, 28, (78,94)	-	-	-	See General Qty. Sheets
23	Post Rd	30, (122)	-	-	-	See General Qty. Sheets
24	Ballantrae Park	33, (135)	-	-	-	See General Qty. Sheets
25	Sandy Corners Park	32, (136)	-	-	-	See General Qty. Sheets
26	Balgriffin Park Path	32, (136)	-	-	-	See General Qty. Sheets
27	SR 161	31, (124,125)	-	-	-	See General Qty. Sheets
28	Dublin Center Drive	31, (125)	-	-	-	See General Qty. Sheets
29	Woods of Brighton	33, (153)	-	-	-	See General Qty. Sheets

* GENERAL MAINTENANCE OF TRAFFIC REQUIREMENTS ARE SPECIFIED IN THE SUPPLEMENTAL SPECIFICATIONS AND SCD'S

STANDARD CONSTRUCTION DRAWINGS							SUPPLEMENTAL SPECIFICATIONS		
CITY OF DUBLIN		CITY OF DUBLIN		ODOT		CITY OF COLUMBUS			
MD-05	5/1/2014	RD-01	5/1/2014	TC-72.20		AA-S120	7/9/2012	CITY OF DUBLIN	AS PROVIDED
PD-01	5/1/2014	RD-02	5/1/2014			AA-S121	7/9/2012		
PD-02	5/1/2014	RD-03	5/1/2014	MT-99.20	7/19/2013	AA-S123	8/8/2014	ODOT 800	1/21/2015
PD-03	5/1/2014	RD-05	5/1/2014	MT-97.12 **	7/18/2014	AA-S126	12/6/2013		
PD-04	5/1/2014	RD-06	5/1/2014	MT-97.11 *	7/18/2014	AA-S125A	8/8/2014		
PD-05	5/1/2014	RD-07	5/1/2014	MT-97.10	7/18/2014	AA-S133	8/8/2014		
PD-06	5/1/2014	RD-11	5/1/2014	MT-95.61	7/19/2013	AA-S134	8/8/2014		
PD-07	5/1/2014	RD-12	5/1/2014	MT-95.60	7/19/2013	AA-S159	7/9/2012		
PD-08	5/1/2014	RD-14	5/1/2014			AA-S142	12/6/2013		
PD-09	5/1/2014			BP-3.1	7/18/2014				
PD-10	5/1/2014								
PD-11	5/1/2014			CB-2.1	1/8/2013				
PD-12	5/1/2014			CB-2.2	1/17/2014				

* Residential
** Collector / Arterial

GENERAL

THE REQUIREMENTS OF THE CITY OF DUBLIN, TOGETHER WITH THE CITY OF COLUMBUS (2012) AND OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT EDITIONS, AND ANY SUPPLEMENTS THERETO (HEREAFTER REFERRED TO AS STANDARD SPECIFICATIONS), SHALL GOVERN ALL CONSTRUCTION ITEMS UNLESS OTHERWISE NOTED.

IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE AND REQUIRE A COMPLETED PROJECT READY FOR OPERATION. ANY WORK ITEMS OMITTED FROM THE CONTRACT DOCUMENTS WHICH ARE CLEARLY NECESSARY FOR COMPLETION OF THE WORK AND ITS APPURTENANCES SHALL BE CONSIDERED A PART OF SUCH WORK, THOUGH NOT DIRECTLY SPECIFIED OR CALLED FOR IN THE CONTRACT DOCUMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, SUCH INCIDENTAL ITEMS AS RELOCATION OF MAIL BOXES, SAW CUTTING, AND REMOVAL AND/OR RELOCATION OF SIGNS, SPRINKLERS, OR OTHER MISCELLANEOUS ITEMS.

ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR WITH THE COST TO BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS RELATED ITEMS.

THE CONTRACTOR INTENDING TO SUBMIT A BID FOR CITY OF DUBLIN CAPITAL IMPROVEMENT CONTRACTS SHALL BE PREQUALIFIED WITH THE OHIO DEPARTMENT OF TRANSPORTATION IN ACCORDANCE WITH SECTION 102 OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS, AND CHAPTER 5525 OF THE OHIO REVISED CODE CONCERNING CONSTRUCTION CONTRACTS.

THE CONTRACTOR SHALL NOTIFY THE CITY OF DUBLIN DIVISION OF ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.

THE CONTRACTOR SHALL COORDINATE TO FACILITATE WORK BY OTHERS IN THE RIGHT-OF-WAY AND OUTSIDE OF THE CONSTRUCTION LIMITS.

THE CITY ENGINEER IS NOT RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION THAT ARE NOT SPECIFIED HEREIN. THE CITY ENGINEER IS NOT RESPONSIBLE FOR SAFETY ON THE WORK SITE, OR FOR FAILURE BY THE CONTRACTOR TO PERFORM WORK ACCORDING TO THE CONTRACT DOCUMENTS.

THE CITY IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE CONTRACTOR SHALL EXERCISE CAUTION ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER 29 CFR 1910.146.

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

THE CONTRACTOR SHALL RESTRICT CONSTRUCTION ACTIVITY TO PUBLIC RIGHT-OF-WAY, AREAS DEFINED AS PERMANENT AND/OR TEMPORARY CONSTRUCTION EASEMENTS, AND/OR THE LIMITS OF DISTURBANCE SHOWN.

PROPERTY BOUNDARIES, INCLUDING PROPERTY LINES AND ROAD RIGHTS-OF-WAY, ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND ARE NOT NECESSARILY COMPLETE OR CORRECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE FINISHED WORK CONFORM TO THE LINES, GRADES, ELEVATIONS, AND DIMENSIONS CALLED FOR ON THE DRAWINGS AND TYPICAL SECTIONS. PAYMENT FOR CONSTRUCTION LAYOUT SHALL BE MADE AT THE LUMP SUM PRICE BID FOR ITEM 623, CONSTRUCTION LAYOUT STAKES, IF SPECIFIED.

NON-RUBBER Tired VEHICLES SHALL NOT BE MOVED ON OR ACROSS PUBLIC STREETS OR HIGHWAYS WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER.

THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED BEFORE CONSTRUCTION. DRAINAGE DITCHES OR WATER COURSES THAT ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE GRADES AND CROSS-SECTIONS THAT EXISTED BEFORE CONSTRUCTION.

ALL NON-PAVEMENT AREAS DISTURBED WITHIN THE DESIGNATED EASEMENTS, RIGHTS-OF-WAY, AND LIMITS OF DISTURBANCE AS SHOWN, SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH ITEM 659, VEGETATION (SEED/MULCH), ALL AREAS DISTURBED OUTSIDE THESE LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.

TRACKING OR SPILLING MUD, DIRT, OR DEBRIS UPON STREETS, RESIDENTIAL OR COMMERCIAL DRIVES, SIDEWALKS, OR BIKE PATHS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE CONTRACTOR FAILS TO REMOVE THE MUD, DIRT, DEBRIS, OR SPILLAGE, THE CITY OF DUBLIN RESERVES THE RIGHT TO REMOVE THESE MATERIALS AND CLEAN AFFECTED AREAS, THE COST OF WHICH (MULTIPLIED BY 2.5) SHALL BE WITHHELD FROM MONIES THAT ARE DUE OR MAY BECOME DUE THE CONTRACTOR.

EXCESS EXCAVATED MATERIAL FROM THIS PROJECT SHALL BE HAULED OFF-SITE BY THE CONTRACTOR AND COMPENSATION FOR HAULING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.

ALL SIGNS, LANDSCAPING, STRUCTURES, OR OTHER APPURTENANCES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE PAID FOR BY THE CONTRACTOR.

EXISTING CONCRETE CURB AND CONCRETE CURB AND GUTTER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR WHERE INDICATED ON THE PLANS IN ACCORDANCE WITH ITEM 202. SEPARATE PAY ITEMS MAY BE PROVIDED FOR EACH CURB TYPE.

THE COST OF ALL ASPHALT PAVEMENT REMOVAL AND DISPOSAL SHALL BE INCLUDED IN THE PRICE BID PER CUBIC YARD FOR ITEM 203, EXCAVATION. THE COST OF CONCRETE PAVEMENT REMOVAL AND DISPOSAL WILL BE PAID AT THE UNIT PRICE BID PER SQUARE YARD FOR ITEM 202, PAVEMENT REMOVED AND DISPOSED OF.

THE CONTRACTOR'S CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED SO AS TO ELIMINATE ALL UNNECESSARY NOISE, DUST, AND ODORS. THE USE OF OIL OR OTHER MATERIAL FOR DUST CONTROL, WHICH MAY CAUSE TRACKING, IS NOT PERMITTED.

TRENCH EXCAVATION SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF TRENCH OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.

DUST CONTROL OPERATIONS SHALL BE PERFORMED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER.

IN THE EVENT THAT IT BECOMES NECESSARY FOR THE CITY TO PERFORM WORK OF AN IMMEDIATE NATURE (SUCH AS THE PLACEMENT OF BARRICADES OR REPLACEMENT OF SIGNS AND OTHER WARNING OR PROTECTIVE DEVICES) BECAUSE OF FAILURE OR REFUSAL OF THE CONTRACTOR TO PERFORM SUCH WORK AS REQUIRED BY THE CONTRACT, THE CONTRACTOR SHALL REIMBURSE THE CITY AT THE RATE OF 2.5 TIMES THE ACTUAL COST OF LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO PERFORM SUCH WORK. THE CITY SHALL BE REQUIRED TO NOTIFY OR ATTEMPT TO NOTIFY THE DESIGNATED REPRESENTATIVE OF THE CONTRACTOR OF THE NECESSITY TO PERFORM SUCH WORK. IF THE CONTRACTOR REFUSES OR FAILS WITHIN A REASONABLE TIME TO PERFORM OR CAUSE THE PERFORMANCE OF SUCH WORK, THE CITY SHALL BE REIMBURSED BY THE CONTRACTOR IN THE AMOUNT PROVIDED HEREIN BY WAY OF A DEDUCTION FROM THE CONTRACTOR'S NEXT PAYMENT UNDER THE CONTRACT. REASONABLE TIME FOR ALL STREETS INVOLVED ON THIS CONTRACT IS 1 HOUR FROM THE TIME OF NOTIFICATION BY THE CITY.

WORKING HOURS

THE CONTRACTOR IS PERMITTED TO WORK BETWEEN 7:00 AM AND 7:00 PM MONDAY THROUGH FRIDAY. PERMISSION TO WORK ON SATURDAY, SUNDAY AND HOLIDAYS MUST BE REQUESTED IN WRITING AND APPROVED BY THE CITY ENGINEER.

STAGING AREA

THE CONTRACTOR SHALL MAKE HIS OWN PROVISIONS TO PROVIDE A STAGING AREA.

DRAINAGE

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES STORM SEWER, DRAIN, AND DITCH FLOWS THROUGH EXISTING FACILITIES UNTIL NEW FACILITIES ARE COMPLETED AND PUT INTO SERVICE. THE FLOW OF ALL STORM SEWERS, DRAINS, AND OTHER WATER COURSES ENCOUNTERED AND DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK SHALL BE RESTORED BY THE CONTRACTOR TO A CONDITION SATISFACTORY TO THE CITY ENGINEER. PAYMENT FOR THIS SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

ALL FIELD TILE BROKEN OR ENCOUNTERED DURING EXCAVATION SHALL BE REPLACED OR REPAIRED IN LIKE KIND AND CONNECTED TO THE NEAREST STORM SEWER OR OPEN CHANNEL OUTLET, RESTORING NORMAL FUNCTION TO THE TILE, AS DIRECTED BY THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

WHERE THE WORK CALLS FOR RELOCATION OF EXISTING DITCHES OR STORM SEWER, THE CONTRACTOR SHALL REESTABLISH THE OUTLETS OF ALL PRIVATE DRAINS ENCOUNTERED; SUCH AS DOWNSPOTS, FOUNDATION DRAINS, CATCH BASINS, YARD DRAINS, ETC., INTO THE NEAREST NEW DITCH OR STORM SEWER. THE COST FOR REESTABLISHING PRIVATE DRAIN OUTLETS SHALL BE INCLUDED IN THE VARIOUS STORM SEWER ITEMS.

ITEM 601 ROCK CHANNEL PROTECTION (BY TYPE) WITH FILTER FABRIC SHALL BE PROVIDED AT THE OUTLET END OF ALL STORM SEWERS AS ON ODOT STANDARD DRAWING HW-2.2M, AND THE LOCATIONS AND DIMENSIONS SHOWN ON THE PLANS. ITEM 601 MATERIALS SHALL CONSIST OF NATURAL, BROKEN, OR CRUSHED ROCK. BROKEN CONCRETE MATERIALS ARE UNACCEPTABLE. THE FILTER UNDERLYING ROCK CHANNEL PROTECTION SHALL BE FILTER FABRIC AS PER SECTION 601.08.

REVIEW OF DRINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT, AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY, REPRESENTATIVES OF THE CITY AND THE CONTRACTOR SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS AND CATCH BASINS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE CITY. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING AND REMOVAL OF DEBRIS DUE TO CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHOULD DOCUMENT THE PRESENCE OF ANY DEBRIS PRESENT PRIOR TO CONSTRUCTION. ANY DEBRIS PRESENT THAT IS, IN THE ENGINEERS OPINION, RELATED TO THE CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY ENGINEER.

PAYMENT FOR ALL INSPECTIONS, CLEANING, AND MAINTENANCE OF EXISTING AND NEW STORM SEWER SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RELATED ITEMS.

BACKFILL

BACKFILL WITHIN A 1:1 INFLUENCE LINE OF EXISTING STRUCTURES (PAVEMENTS, SIDEWALKS, CURBS, ETC.) SHALL BE ITEM 912, COMPACTED GRANULAR MATERIAL, OR ITEM 636, TYPE 2.

TRENCHES WITHIN 2 FEET OF PROPOSED PAVEMENT, CURB AND GUTTER, BERM, SHOULDERS, SIDEWALK, OR BIKE PATH, OR WHERE SPECIFICALLY CALLED FOR ON THE PLANS, SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS.

GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR CONTROLLED DENSITY BACKFILL ACCORDING TO ITEM 636, TYPE 3, OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE CITY ENGINEER. ITEM 912 MATERIAL SHALL CONSIST OF NATURAL, BROKEN, OR CRUSHED ROCK. SYNTHETIC OR MANMADE MATERIALS ARE UNACCEPTABLE.

ALL TRENCHES WITHIN PAVEMENT, BERM, AND SHOULDER LIMITS SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS. TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED OR SHALL BE PROTECTED BY APPROVED TEMPORARY FENCING OR BARRICADES DURING NONWORKING HOURS. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE TRENCHING OPERATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF THE TRENCHES FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE OF THE WORK, AND SHALL MAKE ANY NECESSARY REPAIRS AT NO COST TO THE CITY.

EROSION AND SEDIMENTATION CONTROL

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENTATION RUNOFF FROM THE SITE.

PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONSP AND DIMENSIONS MAY BE MADE BY THE ENGINEER AS REQUIRED.

TEMPORARY EROSION CONTROL FEATURES SHALL BE ADEQUATELY MAINTAINED AND SHALL BE REMOVED OR REPLACED WHEN DIRECTED BY THE CITY ENGINEER AT NO EXTRA COST TO THE CITY.

IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, ROCK CHANNEL PROTECTION, SEEDING, ETC.

STORAGE OF MATERIALS

NO MATERIALS, INCLUDING PIPE, SHALL BE STORED WITHIN TWENTY (20) FEET OF ANY INTERSECTING STREET OR DRIVEWAY. DURING NON-WORKING HOURS, STORAGE OR EQUIPMENT SHALL COMPLY WITH THESE SAME REQUIREMENTS AND SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THEIR LEGAL RESPONSIBILITIES OR LIABILITIES FOR THE SAFETY OF THE PUBLIC. NO MATERIALS ARE TO BE STOCKED, STORED OR DUMPED UPON ANY ROADWAY WITH OUT THE PERMISSION OF THE ENGINEER.

DRAWN BY: DAL

REVISION: R/02/2015

PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM
GENERAL NOTES

15-017-CIP

PAVEMENT

PAVEMENTS SHALL BE CUT IN NEAT, STRAIGHT LINES TO THE FULL DEPTH OF THE PAVEMENT, OR AS REQUIRED BY THE CITY ENGINEER.

BUTT JOINTS BETWEEN EXISTING AND NEW PAVEMENT SHALL BE MADE WHERE INDICATED ON THE PLANS IN ACCORDANCE WITH ODOT STD. CONSTRUCTION DWG. BP-3.1.

THE CONTRACTOR SHALL SUBMIT TO THE CITY ENGINEER AT THE PRE-CONSTRUCTION MEETING HIS PROPOSED DESIGN MIX FORMULA FOR ALL BITUMINOUS MIXTURES TO BE PLACED ON THE PROJECT FOR REVIEW AND APPROVAL. A DESIGN MIX FORMULA SHALL BE SUBMITTED FOR EACH MIXTURE AND EACH PRODUCER AND SHALL PROVIDE GRADATION OF ALL COMPONENT AGGREGATES, PERCENTAGE OF BLENDING OF AGGREGATES, PERCENTAGE OF BITUMEN, ANY ADDITIVES AND APPLICATION RATE, NAMES AND ADDRESSES OF AGGREGATE SUPPLIERS, MARSHALL MIX DESIGN DATA, AND THE THEORETICAL LABORATORY DENSITY.

THE CONTRACTOR SHALL NOT USE ANY RECLAIMED MATERIALS IN ITEM 304.

RECLAIMED MATERIAL (AGGREGATE) IS PERMITTED TO BE INCORPORATED IN THE FOLLOWING, AND SUBJECT TO THE LISTED MAXIMUMS LIMITS. THE JMF MUST ACCOUNT FOR THE USE OF THE RECLAIMED MATERIAL IN THE MIX DESIGN PROCESS.

ITEM 441 (Bikepath) / (Parking Lot) ASPHALTIC CONCRETE SURFACE COURSE, TYPE-1, (448), PG64-22
MAXIMUM 20% RECLAIMED MATERIAL

ITEM 441 (Bikepath) / (Parking Lot) ASPHALTIC CONCRETE INTERMEDIATE COURSE, TYPE-2, (448), PG64-22
MAXIMUM 35% RECLAIMED MATERIAL

AGGREGATE SHALL CONSIST OF NATURAL, BROKEN OR CRUSHED ROCK. SYNTHETIC OR MAN-MADE MATERIALS ARE NOT PERMITTED.

STORM SEWER

ALL STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES AND CLASS III FOR 18 INCHES AND LARGER, UNLESS OTHERWISE SHOWN ON THE PLANS.

ALL INLETS, CATCH BASINS, AND MANHOLES SHALL BE CHANNELIZED.

ALL CATCH BASINS AND CURB INLETS MUST BE FURNISHED WITH BIKE SAFE GRATES.

ROADWAY UNDERDRAINS SHALL BE DISCHARGED INTO THE NEAREST STORM WATER STRUCTURE AVAILABLE ALONG THE LINE OF FLOW UNLESS SHOWN OTHERWISE ON THE PLANS.

HDPE FLARED ENDS CALLED FOR ON THE PLANS SHALL BE ADVANCED DRAINAGE SYSTEMS (ADS) "FLARED END SECTIONS", OR APPROVED EQUAL, WITH THREADED RODS AND WING NUTS. N-12 ADAPTER FITTINGS FOR CONNECTION TO CONCRETE PIPE SHALL BE INCLUDED IN THE PER EACH PRICE BID FOR THE FLARED END SECTIONS.

ALL EXISTING CONDUITS, INLETS, CATCH BASINS AND MANHOLES WITHIN THE CONSTRUCTION LIMITS SHALL BE INSPECTED PRIOR TO ANY CONSTRUCTION ACTIVITIES. ANY DEBRIS PRESENT PRIOR TO CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ALL DEBRIS DISCOVERED DURING AND FOLLOWING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE. ALL EXISTING CONDUITS, INLETS, CATCH BASINS AND MANHOLES WITHIN THE CONSTRUCTION LIMITS SHALL BE INSPECTED FOLLOWING ALL CONSTRUCTION ACTIVITIES AS AND SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEANED CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL NEW CONDUITS, INLETS, CATCH BASINS AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEANED CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

PAYMENT FOR ALL INSPECTIONS, CLEANING, AND MAINTENANCE OF EXISTING AND NEW STORM SEWER SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RELATED ITEMS.

WHERE PLANS CALL FOR CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES FOR BOTH LINE AND GRADE PRIOR TO THE START OF PIPE LAYING. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT OR EXISTING APPURTENANCE TO BE CONNECTED DIFFERS FROM THE PLAN ELEVATION, THE CITY ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF IT IS CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION ON ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

ALL PRECAST CONCRETE PRODUCTS SHALL BE INSPECTED AT THE LOCATION OF MANUFACTURE. APPROVED PRECAST CONCRETE PRODUCTS WILL BE STAMPED AS HAVE SUCH IDENTIFICATION NOTING THAT INSPECTION HAS BEEN PERFORMED BY THE CITY OF COLUMBUS. PRECAST CONCRETE PRODUCTS WITHOUT PROOF OF INSPECTION SHALL NOT BE APPROVED FOR INSTALLATION.

PAYMENT FOR THE DETERMINATION OF LINE AND GRADE OF EXISTING UTILITIES AS REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT CONTRACT ITEMS.

ALL EXISTING AND PROPOSED CASTINGS SHALL BE ADJUSTED TO MATCH THE SURROUNDING FINISH GRADE BY THE CONTRACTOR. TOP OF CASTING ELEVATIONS PROVIDED IN THE PLANS ARE APPROXIMATE. THE COST OF ALL CASTING ADJUSTMENTS SHALL BE INCLUDED IN THE VARIOUS SEWER ITEMS.

UTILITIES

UTILITIES KNOWN TO BE LOCATED WITHIN THE LIMITS OF THIS PROJECT ARE LISTED BELOW WITH CONTACT INFORMATION.

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MATT MEYERS
FIELD ENGINEER
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COLUMBUS, OHIO 43215
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CELL: 614-315-3770

AMERICAN ELECTRIC POWER
PAUL PAXTON
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850 TECH CENTER DRIVE
GAHANNA, OHIO 43230-6605
OFFICE: 614-883-6831
CELL: 614-949-8883

CITY OF COLUMBUS
DIVISION OF WATER.
910 DUBLIN ROAD
2ND FLOOR
COLUMBUS, OH 43215
OFFICE: 614-645-7677

CITY OF DUBLIN
DIVISION OF ENGINEERING
DARREN LEE, P.E.
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DUBLINK DEVELOPMENTS
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OFFICE: 614-274-8100

AT&T (CABLE)
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111 NORTH FOURTH STREET
ROOM 802
COLUMBUS, OH 43215
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AT&T (CONDUIT)
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TIME WARNER CABLE
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OFFICE: 614-921-4616
CELL: 614-323-8079

THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO OHIO UTILITIES PROTECTION SERVICE (TELEPHONE NUMBER 800-362-2764) AND TO OWNERS OF UNDERGROUND UTILITIES THAT ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 2 WORKING DAYS BEFORE START OF CONSTRUCTION.

THE CITY OF DUBLIN AND THE CITY ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTHS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.

LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, SHOWN OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY OWNER AND THE CITY ENGINEER.

SURVEY MONUMENTATION

THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS, PROPERTY CORNERS, REFERENCE POINTS, STAKES, AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. IN CASES OF DESTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATIONS. RESETTLEMENT OF MARKERS SHALL BE PERFORMED BY AN OHIO PROFESSIONAL SURVEYOR AS APPROVED BY THE CITY ENGINEER AT THE CONTRACTOR'S EXPENSE.

CONSTRUCTION NOISE

ANY DEVICE SHALL NOT BE OPERATED AT ANY TIME IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARY AND NECESSARY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

SUBMITTALS

CONTRACTOR TO FURNISH ENGINEER WITH SUBMITTALS DETAILING TYPE OF PIPE, FITTINGS, JOINTS, STRUCTURES, HYDRANTS, CULVERTS, ETC. FOR THEIR APPROVAL PRIOR TO BEGINNING FABRICATION.

PROPOSED CURB ELEVATION(S): THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE EXISTING AND PROPOSED CURB ELEVATIONS FOR WORK AREAS PRIOR TO COMMENCEMENT OF CURB REMOVAL AND REPLACEMENT. THE CONTRACTOR SHALL BRING TO THE ENGINEERS ATTENTION ANY PROBLEM AREAS THAT MAY NEED ADJUSTMENT THAT IMPACT ADJACENT AREAS NOT INCLUDED WITHIN THE PLANNED LIMITS.

CONSTRUCTION LAYOUT

ALL CONSTRUCTION LAYOUT STAKES FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.

SCHEDULE

THE CONTRACTOR SHALL SUBMIT A WORK SCHEDULE TO THE CITY ENGINEER AT THE TIME OF THE PRE-CONSTRUCTION MEETING. THIS SCHEDULE WILL DETAIL THE TIMING OF THE WORK ACTIVITIES FOR THE VARIOUS SECTIONS OF THE PROJECT.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE CITY ENGINEER.

THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR USE AS NEEDED AND AS DIRECTED BY THE ENGINEER:

ITEM	DESCRIPTION	QTY	UNIT
ITEM 202	CURB/CURB AND GUTTER REMOVED / DISPOSED OF, A.P.P.	100	LF
ITEM 202	CONCRETE REMOVED AND DISPOSED OF, A.P.P.	50	SY
ITEM 202	ASPHALT PAVEMENT REMOVED AND DISPOSED OF A.P.P.	100	SY
ITEM 202	EXCAVATE AND DISPOSE OF EXTRUDED ASPHALT CURB, A.P.P.	100	LF
ITEM 204	EXCAVATION, A.P.P.	100	CY
ITEM 204	NO 2 STONE (703)	100	CY
ITEM 251	ASPHALT SURFACE PATCH - MISCELLANEOUS, 2"	100	SY
ITEM 253	PAVEMENT REPAIR - BIKEPATH, 2.5", A.P.P.	50	SY
ITEM 304	AGGREGATE BASE - Parking Lot / Bike Path	100	CY
ITEM 614	FLAGGER - [DEDICATED FLAGGER]	20	HR
ITEM 608	6" CONCRETE WALK w/ AGG. BASE, A.P.P.	450	SF
ITEM 609	COMBINATION CURB/GUTTER, A.P.P.	100	LF
ITEM 609	CURB, ODOT TYPE 6, A.P.P.	100	LF
ITEM 618	DRAIN LEADER PIPE	200	LF
ITEM 653	PULVERIZED TOPSOIL, A.P.P.	90	CY
ITEM 659	VEGETATION (SEED/MULCH), A.P.P.	300	SY
ITEM 802	VALVE BOX - ADJUST TO GRADE	1	EA
ITEM 802	WATER SERVICE BOX - ADJUST TO GRADE	3	EA
SPECIAL	SEAL COATING OF ASPHALT PATH	300	SY

DRAWN BY:
DAL
REVISED
6/02/2015

PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM
GENERAL NOTES

15-017-CIP

ITEM 201 – TREES AND STUMPS REMOVED

ALL TREES AND STUMPS MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER ITEM 201 – TREES OR STUMPS REMOVED. TREES WITH TRUNK DIAMETERS 12 INCHES AND LESS SHALL BE CONSIDERED BRUSH AND THEIR REMOVAL PAID UNDER ITEM 201 – CLEARING AND GRUBBING UNLESS DESIGNATED IN THE PLAN TO SAVE.

THE CITY OF DUBLIN RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES AND/OR STUMPS OUTSIDE THE CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND/OR EASEMENT LINES.

ITEM 204 – SUBGRADE COMPACTION

THE CITY SHALL PROVIDE AND PAY FOR ALL SOIL INSPECTION AND TESTING SERVICES BY A SOILS INSPECTOR DURING EARTHWORK OPERATIONS FOR PREPERATION OF THE SUBGRADE TO VERIFY THE COMPACTION REQUIREMENTS SET FORTH IN ITEM 203.07.

ALL EXCAVATION SHALL BE CONSIDERED AS UNCLASSIFIED, INCLUDING ROCK.

ALL SOIL SUBGRADES SHALL BE PREPARED AND COMPACTED IN ACCORDANCE WITH ITEM 204 TO A DEPTH OF 12-INCHES BELOW THE SUBGRADE SURFACE. SUBGRADE SHALL BE SCARIFIED AND CONTAIN SUFFICIENT MOISTURE TO MEET ITEM 203 COMPACTION REQUIREMENTS.

SUBGRADE COMPACTION SHALL BE REQUIRED UNDER SIDEWALKS AND BIKE PATHS, AND SHALL FOLLOW THE REQUIREMENTS FOR COMPACTION UNDER DRIVEWAYS AS DESCRIBED IN SECTION 204.03. THE CONTRACTOR SHALL DEFINE THE LIMITS OF ANY WEAK SOILS ENCOUNTERED BY PROOF ROLLING. WHERE SOFT SUBGRADE IS ENCOUNTERED IN CUTS, DUE TO NO FAULT OF THE CONTRACTOR, AND SATISFACTORY COMPACTION CANNOT BE OBTAINED, THE UNSTABLE MATERIAL SHALL BE REMOVED AND REPLACED PER SECTION 204.04.

ITEM 254 – PAVEMENT PLANING (VARIOUS DEPTHS), A.P.P.

SEE SUPPLEMENTAL SPECIFICATIONS.

MAINTENANCE OF TRAFFIC

ACCESS TO ALL ADJOINING PROPERTIES AS WELL AS ACCESS FOR MAIL, WATER, SANITARY SERVICE AND EMERGENCY VEHICLES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR MAY SUBMIT ALTERNATIVE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE PROVISIONS CONTAINED HEREIN IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. THE MAINTENANCE OF TRAFFIC PLAN MUST INCORPORATE ANY TRAFFIC CONTROL DETAILS CONTAINED WITHIN THESE CONSTRUCTION DRAWINGS. THE MAINTENANCE OF TRAFFIC PLAN PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.

TRAFFIC CONTROL SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR ACCORDING TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) CURRENT EDITION.

ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AND SET UP FOR USE AND MAINTAINED AS NEEDED PRIOR TO BEGINNING OR RESUMING ANY CONSTRUCTION ACTIVITIES. IF THE TRAFFIC CONTROL DEVICES ARE NOT SET UP OR MAINTAINED AS DETAILED, PROPOSED AND ACCEPTED, OR REQUESTED THE CONTRACTOR WILL STOP CONSTRUCTION ACTIVITIES UNTIL SUCH TIME THE TRAFFIC CONTROL DEVICES ARE IN PLACE OR CORRECTED AS REQUESTED.

PAYMENT FOR THIS AND ALL TRAFFIC MAINTENANCE ITEMS (UNLESS OTHERWISE SPECIFIED) SHALL BE INCLUDED IN THE INDIVIDUAL BID ITEMS.

THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE-LANE, TWO-WAY TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION PLANS.

IF THE CITY ENGINEER DETERMINES PROPER PROVISIONS FOR THE TRAFFIC CONTROL ARE NOT BEING PROVIDED BY THE CONTRACTOR, THE CITY ENGINEER SHALL ASSIGN OFF-DUTY POLICE OFFICERS TO THE PROJECT AT THE CONTRACTORS EXPENSE.

STEADY-BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL DRUMS, BARRICADES AND SIMILAR TRAFFIC CONTROL DEVICES.

CONES ARE NOT APPROVED FOR NIGHT TIME LANE CLOSURES.

SEE SUPPLEMENTAL SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

ITEM 614 – LAW ENFORCEMENT OFFICE WITH PATROL CAR

IN ADDITION TO THE REQUIREMENTS OF 614 AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. A UNIFORMED, OFF-DUTY LAW ENFORCEMENT OFFICE WITH PATROL CAR WITH WORKING, TOP MOUNTED EMERGENCY FLASHING LIGHTS SHALL BE PROVIDED WHENEVER ONE-LANE, TWO-WAY TRAFFIC CONTROL IS IN EFFECT, OR AS APPROVED BY THE CITY ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ARRANGEMENTS FOR THESE SERVICES.

LAW ENFORCEMENT OFFICERS WITH PATROL CAR REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER

ITEM 614 – LAW ENFORCEMENT OFFICER WITH PATROL CAR

THE HOURS PAID BY THE CONTRACTOR SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED. THE CITY SHALL NOT PAY FOR SHOW-UP TIME DUE TO THE CONTRACTOR NOT CANCELING THE LEO DUE TO A CHANGE IN SCHEDULE OR INCLEMENT WEATHER.

LAW ENFORCEMENT OFFICERS (LEO'S) SHALL BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED. THE LEO'S ARE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH THEY ARE EMPLOYED BY THE CONTRACTOR, THE CITY ENGINEER SHALL HAVE CONTROL OVER THEIR PLACEMENT. THE OFFICIAL PATROL CAR SHALL BE A PUBLIC SAFETY VEHICLE AS REQUIRED BY THE OHIO REVISED CODE.

DRAWN BY: DAL
REVISED: 6/02/2015

PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM
GENERAL NOTES

15-017-CIP

III / III

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	1-7, 12-13	14-15	16-20	22,24	23	23,26	6	22,24
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Avery Park- Parking Lots	Penrith Court - Shared Use Path	Franklin Town Center- Parking Lots	Belvedere Park - Shared Use Path	Wedgewood Hills Park - Shared Use Path	Campden Lakes Park - Shared Use Path	Wedgewood Glen Park - Shared Use Path	Shannon Glenn - Shared Use Path	
		Excavation and Removal										
1	202	Asphalt Pavement Removed and Disposed of, A.P.P. (SY)	7,167.0	7067.0								
2	202	Bike Path Removed and Disposed of (SY)	1,087.0	263.0	824.0							
3	202	Bollards - Removed/Disposed of	5.0	5.0								
4	202	Concrete Removed & Disposed of, A.P.P. (SY)	174.9	4.9	120.0							
5	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	262.0		162.0							
6	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	2,994.0	2894.0								
7	202	Parking Blocks Removed & Disposed of (LF)	45.0	45.0								
8	203*	Excavation, A.P.P. (CY)	403.5	173.5	130.0							
		Pavement and Related										
9	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	100.0									
10	209*	Linear Grading (SY)	1,000.0	1000.0								
11	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	130.0		30.0							
12	253*	Pavement Repair - Bikepath, 2.5" A.P.P.	50.0									
13	301*	(Bikepath) Asphalt Concrete Base (TN)	56.0		56.0							
14	301*	(Parking Lot) Asphalt Concrete Base (TN)	1,226.0	1226.0								
15	304*	Aggregate Base - Parking Lot / Bike Path (CY)	203.0	63.0	40.0							
16	407*	NTSS-1HM TracklessTack Coat (GAL)	2,018.0	2018.0								
17	407*	Tack Coat (GAL)	26.0		26.0							
18	441*	(Bikepath) Asphaltic Concrete Surface Course, Type-1, (448), PG64-22 (TN)	40.0		40.0							
19	441*	(Parking Lot) Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 (TN)	677.0	677.0								
20	441*	(Parking Lot) Asphalt Concrete Surface Course, Type-1, (448), PG64-22 (TN)	1,255.0	1255.0								
21	802	Valve Box - Adjust to Grade	1.0									
22	Special	New Concrete Parking Blocks, A.P.P.	23.0	23.0								
23	Special	Asphalt Rejuvenating Agent (SY)	14,732.0	14732.0								
24	Special	Remove and Reset Parking Block (EA)	63.0	63.0								
25	Special	Seal Coating and Crack Sealing of Asphalt Lot (SY)	4,149.0			4149.0						
26	Special	Seal Coating of Asphalt Path (SY)	46,051.0				810.0	1806.0	1834.0	2206.0	3870.0	
		Concrete and Concrete Structures										
27	452	12" Plain PCC Pavement, (SY)	115.0	115.0								
28	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	3,544.0		3544.0							
29	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,336.0	146.0	740.0							
30	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	400.0		400.0							
31	802	Water Service Box, Adjust to Grade	7.0		4.0							
32	609	Combination Curb and Gutter, A.P.P. (LF)	262.0		162.0							
33	609*	Curb, ODOT Type 6, AP.P.(LF)	3,427.0	3327.0								
34	618	Drain Leader Pipe (LF)	300.0		100.0							

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	1-7, 12-13	14-15	16-20	22,24	23	23,26	6	22,24
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Avery Park- Parking Lots	Penrith Court - Shared Use Path	Franklin Town Center- Parking Lots	Belvedere Park - Shared Use Path	Wedgewood Hills Park - Shared Use Path	Campden Lakes Park - Shared Use Path	Wedgewood Glen Park - Shared Use Path	Shannon Glenn - Shared Use Path	
35	Special	Detectable Warning Panel (SF)	80.0		80.0							
		Pavement Marking*										
36	642	Handicap Symbol (EA)	12.0	8.0		4.0						
37	642	Parking Lot Striping, 4", (LF)	6,662.0	5832.0		830.0						
		Storm Sewer and Structures										
38	604	Structure, C/G Inlet, Type AA-S125 w/ Bikesafe Grate (EA)	1.0	1.0								
39	604	Structure, Catch Basin, Type AA-S133A w/ AA-S 141 Grate (EA)	9.0	9.0								
40	605	Fingerdrain, 4" Pipe, A.P.P. (LF)	190.0	190.0								
41	901	12" HDPP (720.13), Type 1 Bedding	675.0	675.0								
42	901	15" HDPP (720.13), Type 1 Bedding	205.0	205.0								
43	912	Compacted Aggregate Backfill (CY)	91.0	91.0								
		Landscaping and Restoration										
44	653	Pulverized Topsoil, A.P.P. (CY)	435.0	261.0	84.0							
45	659	Vegetation (Seed/Mulch), A.P.P., (SY)	4,729.0	3959.0	470.0							
46	660	Sodding (SY)	650.0		650.0							
		Maintenance of Traffic / Miscellaneous Items										
47	623	Construction Layout Staking - Avery Park Parking Lot	1.0	1.0								
48	623	Construction Layout Staking- Penrith Court	1.0		1.0							
49	614	Flagger- [Dedicated Flagger] (HR)	20.0									

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	25	25	24	24	26	27	27	27,29
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Hawks Nest Park - Shared Use Path	Kestral Way and Fulmar - Shared Use Path	Bishops Run Park - Shared Use Path	Westbury Park - Shared Use Path	Wyandotte Woods Blvd - Shared Use Path	Post Preserve Park - Shared Use Path	Park Mill - Shared Use Path	Red Trabue - Shared Use Path	
		Excavation and Removal										
1	202	Asphalt Pavement Removed and Disposed of, A.P.P. (SY)	7,167.0									
2	202	Bike Path Removed and Disposed of (SY)	1,087.0									
3	202	Bollards - Removed/Disposed of	5.0									
4	202	Concrete Removed & Disposed of, A.P.P. (SY)	174.9									
5	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	262.0									
6	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	2,994.0									
7	202	Parking Blocks Removed & Disposed of (LF)	45.0									
8	203*	Excavation, A.P.P. (CY)	403.5									
		Pavement and Related										
9	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	100.0									
10	209*	Linear Grading (SY)	1,000.0									
11	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	130.0									
12	253*	Pavement Repair - Bikepath, 2.5" A.P.P.	50.0									
13	301*	(Bikepath) Asphalt Concrete Base (TN)	56.0									
14	301*	(Parking Lot) Asphalt Concrete Base (TN)	1,226.0									
15	304*	Aggregate Base - Parking Lot / Bike Path (CY)	203.0									
16	407*	NTSS-1HM TracklessTack Coat (GAL)	2,018.0									
17	407*	Tack Coat (GAL)	26.0									
18	441*	(Bikepath) Asphaltic Concrete Surface Course, Type-1, (448), PG64-22 (TN)	40.0									
19	441*	(Parking Lot) Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 (TN)	677.0									
20	441*	(Parking Lot) Asphalt Concrete Surface Course, Type-1, (448), PG64-22 (TN)	1,255.0									
21	802	Valve Box - Adjust to Grade	1.0									
22	Special	New Concrete Parking Blocks, A.P.P.	23.0									
23	Special	Asphalt Rejuvenating Agent (SY)	14,732.0									
24	Special	Remove and Reset Parking Block (EA)	63.0									
25	Special	Seal Coating and Crack Sealing of Asphalt Lot (SY)	4,149.0									
26	Special	Seal Coating of Asphalt Path (SY)	46,051.0	661.0	273.0	491.0	3238.0	984.0	1471.0	802.0	2194.0	
		Concrete and Concrete Structures										
27	452	12" Plain PCC Pavement, (SY)	115.0									
28	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	3,544.0									
29	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,336.0									
30	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	400.0									
31	802	Water Service Box, Adjust to Grade	7.0									
32	609	Combination Curb and Gutter, A.P.P. (LF)	262.0									
33	609*	Curb, ODOT Type 6, AP.P.(LF)	3,427.0									
34	618	Drain Leader Pipe (LF)	300.0									

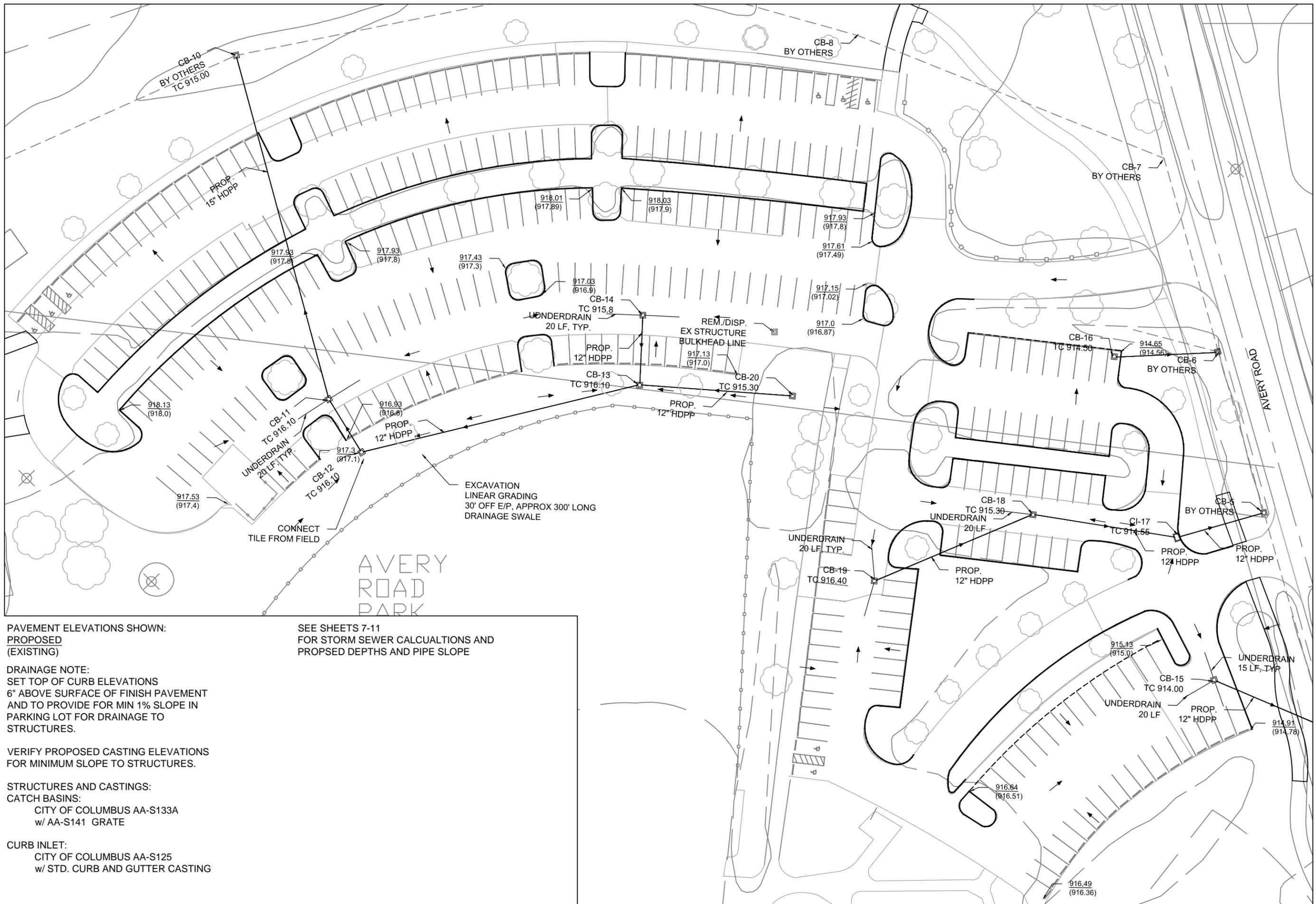
15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	25	25	24	24	26	27	27	27,29
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Hawks Nest Park - Shared Use Path	Kestral Way and Fulmar - Shared Use Path	Bishops Run Park - Shared Use Path	Westbury Park - Shared Use Path	Wyandotte Woods Blvd - Shared Use Path	Post Preserve Park - Shared Use Path	Park Mill - Shared Use Path	Red Trabue - Shared Use Path	
35	Special	Detectable Warning Panel (SF)	80.0									
		Pavement Marking*										
36	642	Handicap Symbol (EA)	12.0									
37	642	Parking Lot Striping, 4", (LF)	6,662.0									
		Storm Sewer and Structures										
38	604	Structure, C/G Inlet, Type AA-S125 w/ Bikesafe Grate (EA)	1.0									
39	604	Structure, Catch Basin, Type AA-S133A w/ AA-S 141 Grate (EA)	9.0									
40	605	Fingerdrain, 4" Pipe, A.P.P. (LF)	190.0									
41	901	12" HDPP (720.13), Type 1 Bedding	675.0									
42	901	15" HDPP (720.13), Type 1 Bedding	205.0									
43	912	Compacted Aggregate Backfill (CY)	91.0									
		Landscaping and Restoration										
44	653	Pulverized Topsoil, A.P.P. (CY)	435.0									
45	659	Vegetation (Seed/Mulch), A.P.P., (SY)	4,729.0									
46	660	Sodding (SY)	650.0									
		Maintenance of Traffic / Miscellaneous Items										
47	623	Construction Layout Staking - Avery Park Parking Lot	1.0									
48	623	Construction Layout Staking- Penrith Court	1.0									
49	614	Flagger- [Dedicated Flagger] (HR)	20.0									

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	27	27	28	25,28	28	26,28	30	33
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY		Wyndham Park - Shared Use Path	Karrer Middle School - Shared Use Path	Stonefield Park - Shared Use Path	Earlington Park - Shared Use Path	East of Cladgaugh - Shared Use Path	Emerald Parkway - Shared Use Path	Post Rd - Shared Use Path	Ballantrae Park - Shared Use Path
		Excavation and Removal										
1	202	Asphalt Pavement Removed and Disposed of, A.P.P. (SY)	7,167.0									
2	202	Bike Path Removed and Disposed of (SY)	1,087.0									
3	202	Bollards - Removed/Disposed of	5.0									
4	202	Concrete Removed & Disposed of, A.P.P. (SY)	174.9									
5	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	262.0									
6	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	2,994.0									
7	202	Parking Blocks Removed & Disposed of (LF)	45.0									
8	203*	Excavation, A.P.P. (CY)	403.5									
		Pavement and Related										
9	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	100.0									
10	209*	Linear Grading (SY)	1,000.0									
11	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	130.0									
12	253*	Pavement Repair - Bikepath, 2.5" A.P.P.	50.0									
13	301*	(Bikepath) Asphalt Concrete Base (TN)	56.0									
14	301*	(Parking Lot) Asphalt Concrete Base (TN)	1,226.0									
15	304*	Aggregate Base - Parking Lot / Bike Path (CY)	203.0									
16	407*	NTSS-1HM TracklessTack Coat (GAL)	2,018.0									
17	407*	Tack Coat (GAL)	26.0									
18	441*	(Bikepath) Asphaltic Concrete Surface Course, Type-1, (448), PG64-22 (TN)	40.0									
19	441*	(Parking Lot) Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 (TN)	677.0									
20	441*	(Parking Lot) Asphalt Concrete Surface Course, Type-1, (448), PG64-22 (TN)	1,255.0									
21	802	Valve Box - Adjust to Grade	1.0									
22	Special	New Concrete Parking Blocks, A.P.P.	23.0									
23	Special	Asphalt Rejuvenating Agent (SY)	14,732.0									
24	Special	Remove and Reset Parking Block (EA)	63.0									
25	Special	Seal Coating and Crack Sealing of Asphalt Lot (SY)	4,149.0									
26	Special	Seal Coating of Asphalt Path (SY)	46,051.0	805.0	1419.0	1043.0	3107.0	1134.0	4129.0	3013.0	1836.0	
		Concrete and Concrete Structures										
27	452	12" Plain PCC Pavement, (SY)	115.0									
28	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	3,544.0									
29	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,336.0									
30	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	400.0									
31	802	Water Service Box, Adjust to Grade	7.0									
32	609	Combination Curb and Gutter, A.P.P. (LF)	262.0									
33	609*	Curb, ODOT Type 6, AP.P.(LF)	3,427.0									
34	618	Drain Leader Pipe (LF)	300.0									

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	27	27	28	25,28	28	26,28	30	33
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Wyndham Park - Shared Use Path	Karrer Middle School - Shared Use Path	Stonefield Park - Shared Use Path	Earlington Park - Shared Use Path	East of Claddaugh - Shared Use Path	Emerald Parkway - Shared Use Path	Post Rd - Shared Use Path	Ballantrae Park - Shared Use Path	
35	Special	Detectable Warning Panel (SF)	80.0									
		Pavement Marking*										
36	642	Handicap Symbol (EA)	12.0									
37	642	Parking Lot Striping, 4", (LF)	6,662.0									
		Storm Sewer and Structures										
38	604	Structure, C/G Inlet, Type AA-S125 w/ Bikesafe Grate (EA)	1.0									
39	604	Structure, Catch Basin, Type AA-S133A w/ AA-S 141 Grate (EA)	9.0									
40	605	Fingerdrain, 4" Pipe, A.P.P. (LF)	190.0									
41	901	12" HDPP (720.13), Type 1 Bedding	675.0									
42	901	15" HDPP (720.13), Type 1 Bedding	205.0									
43	912	Compacted Aggregate Backfill (CY)	91.0									
		Landscaping and Restoration										
44	653	Pulverized Topsoil, A.P.P. (CY)	435.0									
45	659	Vegetation (Seed/Mulch), A.P.P., (SY)	4,729.0									
46	660	Sodding (SY)	650.0									
		Maintenance of Traffic / Miscellaneous Items										
47	623	Construction Layout Staking - Avery Park Parking Lot	1.0									
48	623	Construction Layout Staking- Penrith Court	1.0									
49	614	Flagger- [Dedicated Flagger] (HR)	20.0									

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	32	32	31	31	33	-
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Sandy Corners Park - Shared Use Path	Balgriffin Park Path - Shared Use Path	SR 161 - Shared Use Path	Dublin Center Drive - Shared Use Path	Woods of Brighton - Shared Use Path	CONTINGENCY AND MISCELLANEOUS PROVISIONS	
		Excavation and Removal								
1	202	Asphalt Pavement Removed and Disposed of, A.P.P. (SY)	7,167.0						100.0	
2	202	Bike Path Removed and Disposed of (SY)	1,087.0							
3	202	Bollards - Removed/Disposed of	5.0							
4	202	Concrete Removed & Disposed of, A.P.P. (SY)	174.9						50.0	
5	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	262.0						100.0	
6	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	2,994.0						100.0	
7	202	Parking Blocks Removed & Disposed of (LF)	45.0							
8	203*	Excavation, A.P.P. (CY)	403.5						100.0	
		Pavement and Related								
9	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	100.0						100.0	
10	209*	Linear Grading (SY)	1,000.0							
11	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	130.0						100.0	
12	253*	Pavement Repair - Bikepath, 2.5" A.P.P.	50.0						50.0	
13	301*	(Bikepath) Asphalt Concrete Base (TN)	56.0							
14	301*	(Parking Lot) Asphalt Concrete Base (TN)	1,226.0							
15	304*	Aggregate Base - Parking Lot / Bike Path (CY)	203.0						100.0	
16	407*	NTSS-1HM TracklessTack Coat (GAL)	2,018.0							
17	407*	Tack Coat (GAL)	26.0							
18	441*	(Bikepath) Asphaltic Concrete Surface Course, Type-1, (448), PG64-22 (TN)	40.0							
19	441*	(Parking Lot) Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 (TN)	677.0							
20	441*	(Parking Lot) Asphalt Concrete Surface Course, Type-1, (448), PG64-22 (TN)	1,255.0							
21	802	Valve Box - Adjust to Grade	1.0						1.0	
22	Special	New Concrete Parking Blocks, A.P.P.	23.0							
23	Special	Asphalt Rejuvenating Agent (SY)	14,732.0							
24	Special	Remove and Reset Parking Block (EA)	63.0							
25	Special	Seal Coating and Crack Sealing of Asphalt Lot (SY)	4,149.0							
26	Special	Seal Coating of Asphalt Path (SY)	46,051.0	1119.0	1381.0	4471.0	1111.0	543.0	300.0	
		Concrete and Concrete Structures								
27	452	12" Plain PCC Pavement, (SY)	115.0							
28	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	3,544.0							
29	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,336.0						450.0	
30	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	400.0							
31	802	Water Service Box, Adjust to Grade	7.0						3.0	
32	609	Combination Curb and Gutter, A.P.P. (LF)	262.0						100.0	
33	609*	Curb, ODOT Type 6, AP.P.(LF)	3,427.0						100.0	
34	618	Drain Leader Pipe (LF)	300.0						200.0	

15-017-CIP 2015 PARKING LOT AND SHARED USE PATH MAINTENANCE PROGRAM				SHEETS:	32	32	31	31	33	-
REFERENCE NUMBER	ITEM	DESCRIPTION	ESTIMATED TOTAL QUANTITY	Sandy Corners Park - Shared Use Path	Balgriffin Park Path - Shared Use Path	SR 161 - Shared Use Path	Dublin Center Drive - Shared Use Path	Woods of Brighton - Shared Use Path	CONTINGENCY AND MISCELLANEOUS PROVISIONS	
35	Special	Detectable Warning Panel (SF)	80.0							
		Pavement Marking*								
36	642	Handicap Symbol (EA)	12.0							
37	642	Parking Lot Striping, 4", (LF)	6,662.0							
		Storm Sewer and Structures								
38	604	Structure, C/G Inlet, Type AA-S125 w/ Bikesafe Grate (EA)	1.0							
39	604	Structure, Catch Basin, Type AA-S133A w/ AA-S 141 Grate (EA)	9.0							
40	605	Fingerdrain, 4" Pipe, A.P.P. (LF)	190.0							
41	901	12" HDPP (720.13), Type 1 Bedding	675.0							
42	901	15" HDPP (720.13), Type 1 Bedding	205.0							
43	912	Compacted Aggregate Backfill (CY)	91.0							
		Landscaping and Restoration								
44	653	Pulverized Topsoil, A.P.P. (CY)	435.0						90.0	
45	659	Vegetation (Seed/Mulch), A.P.P., (SY)	4,729.0						300.0	
46	660	Sodding (SY)	650.0							
		Maintenance of Traffic / Miscellaneous Items								
47	623	Construction Layout Staking - Avery Park Parking Lot	1.0							
48	623	Construction Layout Staking- Penrith Court	1.0							
49	614	Flagger- [Dedicated Flagger] (HR)	20.0						20.0	



DRAWN BY: DAL
 REVISED: NONE
 SCALE IN FEET: 0, 25, 50

AVERY PARK - SOUTH PARKING LOT
 STORM SEWER WORK

PAVEMENT ELEVATIONS SHOWN:
 PROPOSED
 (EXISTING)

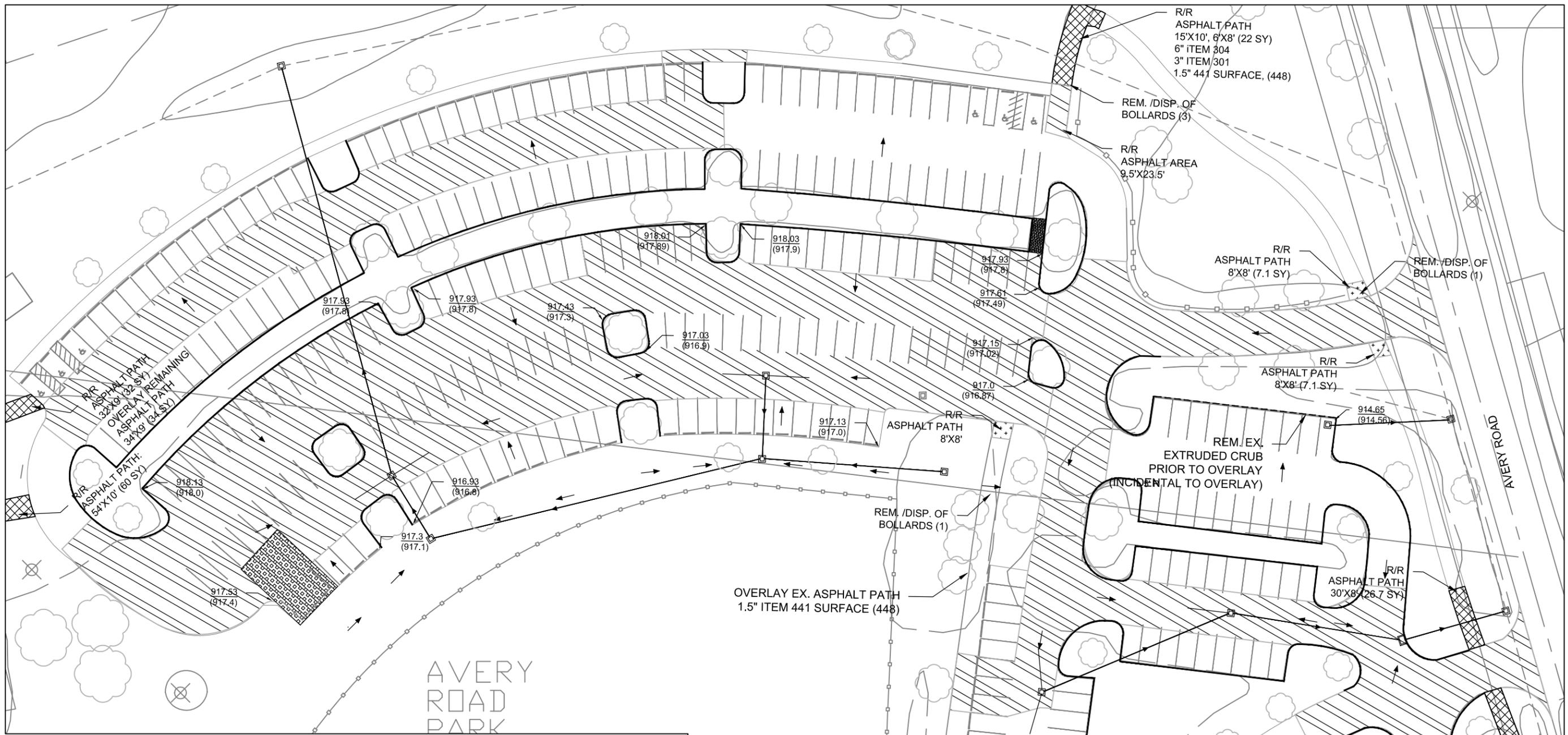
DRAINAGE NOTE:
 SET TOP OF CURB ELEVATIONS
 6" ABOVE SURFACE OF FINISH PAVEMENT
 AND TO PROVIDE FOR MIN 1% SLOPE IN
 PARKING LOT FOR DRAINAGE TO
 STRUCTURES.

VERIFY PROPOSED CASTING ELEVATIONS
 FOR MINIMUM SLOPE TO STRUCTURES.

STRUCTURES AND CASTINGS:
 CATCH BASINS:
 CITY OF COLUMBUS AA-S133A
 w/ AA-S141 GRATE

CURB INLET:
 CITY OF COLUMBUS AA-S125
 w/ STD. CURB AND GUTTER CASTING

SEE SHEETS 7-11
 FOR STORM SEWER CALCUALTIONS AND
 PROPSD DEPTHS AND PIPE SLOPE



- 
FULL DEPTH PAVEMENT REPLACEMENT (PRIOR TO OVERLAY): 7067 SY
 3" 301 BITUMINOUS CONCRETE BASE
 TACK COAT (.075 GAL/SY)
 1.5" 441 ASPHALTIC CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22
- 
PAVEMENT OVERLAY: 10,465 SY, (SEE SHEET 4)
 TACK COAT, .075 GAL/SY
 1.5" 441-1, ASPHALTIC CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, MT
- 
ASPHALT PATH, 2.5"
 1.5" 441-1, ASPHALTIC CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, MT
- 
ASPHALT PATH, 4.5"
 3" 301 BITUMINOUS CONCRETE BASE
 TACK COAT (.075 GAL/SY)
 1.5" 441 ASPHALTIC CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22

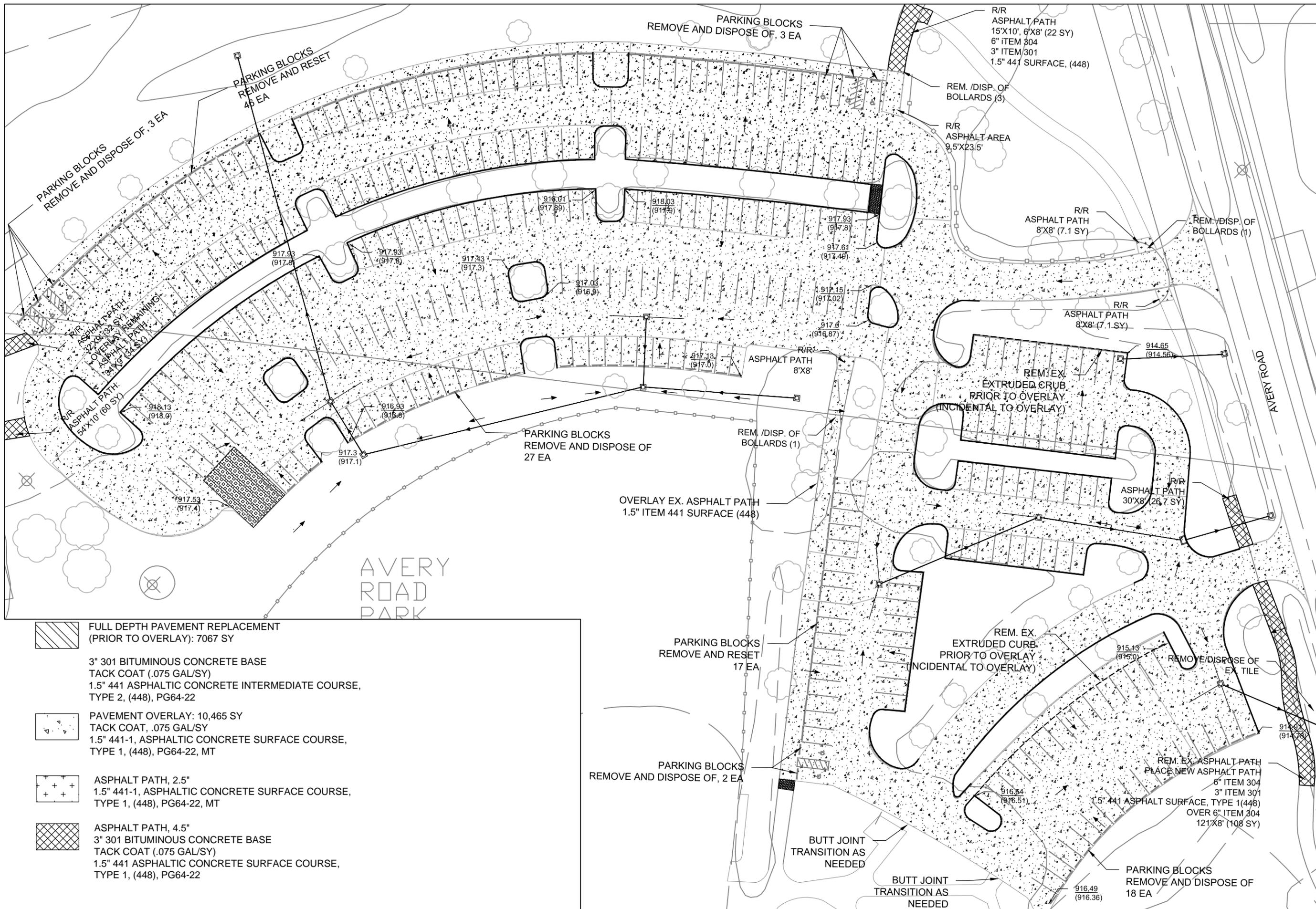




 SCALE IN FEET

DRAWN BY: DAL
 REVISED: NONE

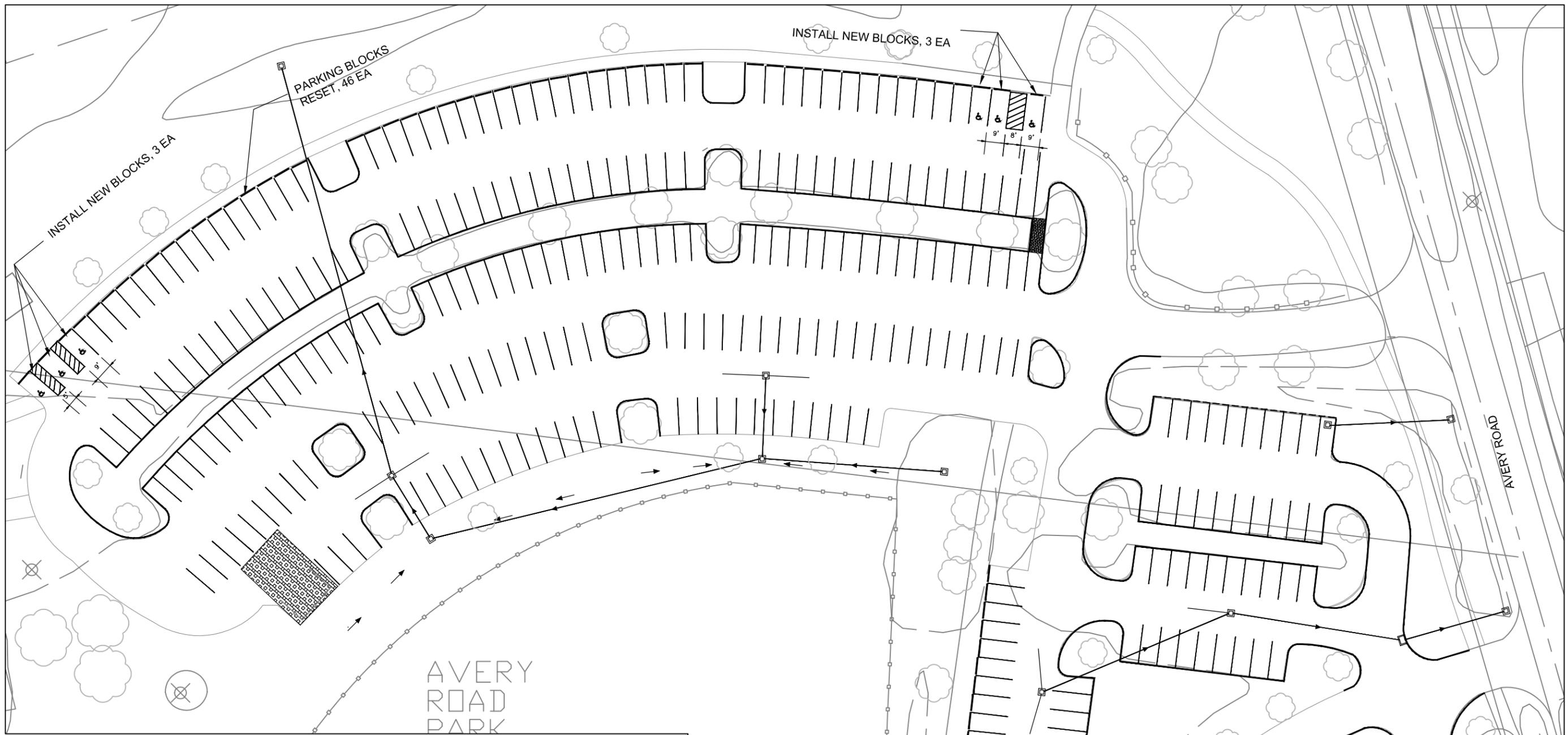
15-017-CIP
EVERY PARK - SOUTH PARKING LOT
PAVING: FULL DEPTH PAVEMENT REPLACEMENT



DRAWN BY: DAL

 REVISED: NONE

AVERY PARK - SOUTH PARKING LOT
 PAVING: OVERLAY



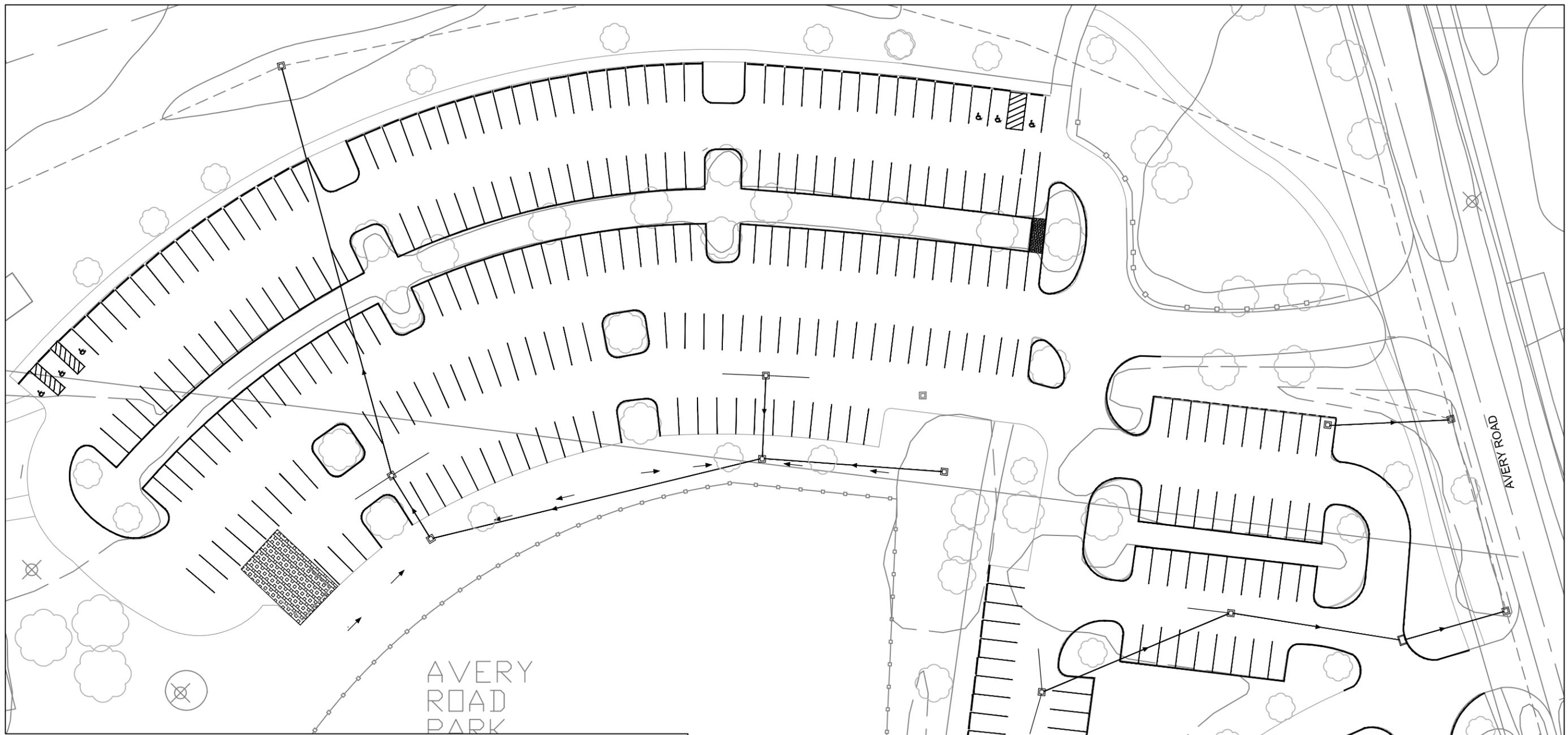
STRIPING WORK:

TYPICAL PARKING SPACE: 9'X18'
 ADJUST SPACING TO MEET CURBS
 MINIMUM WIDTH OF SPACE IS 9'

DRAWN BY: DAL
 REVISED: NONE
 SCALE IN FEET: 0, 25, 50

AVERY PARK - SOUTH PARKING LOT
 STRIPING PLAN

15-017-CIP
 5 / 13
 5



RESTORATION WORK:

MEDIAN ISLANDS:
 TOPSOIL, SEED AND MULCH TO
 ADJUST FOR INCREASED CURB
 HEIGHT AS DIRECTED

GRADED AREAS AND DRAINAGE SWALES:
 SEED AND MULCH

PERIMETER OF LOT:
 TOPSOIL, SEED AND MULCH
 1.5' +/- AROUND EDGE OF
 PAVEMENT AS DIRECTED

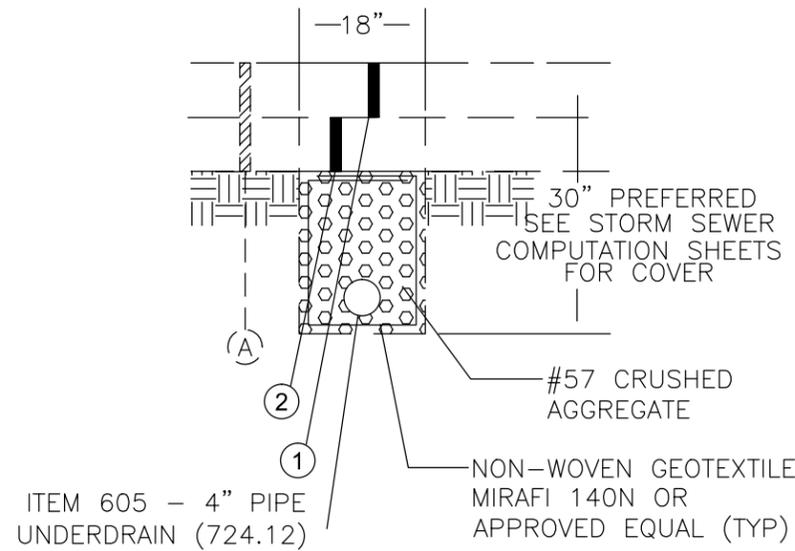
ASPHALT PATHS:
 TOPSOIL, SEED AND MULCH
 1.5' +/- ALONG EDGE OF PAVEMENT
 AS DIRECTED

DRAWN BY: DAL
 REVISED: NONE
 SCALE IN FEET: 0, 25, 50

**AVERY PARK - SOUTH PARKING LOT
 RESTORATION**

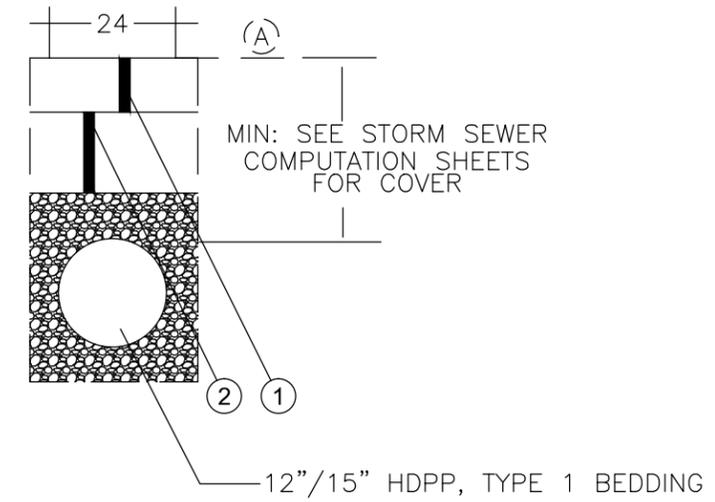
15-017-CIP

ITEM 605
FINGERDRAIN 4", APP
(IN PAVED AREAS)



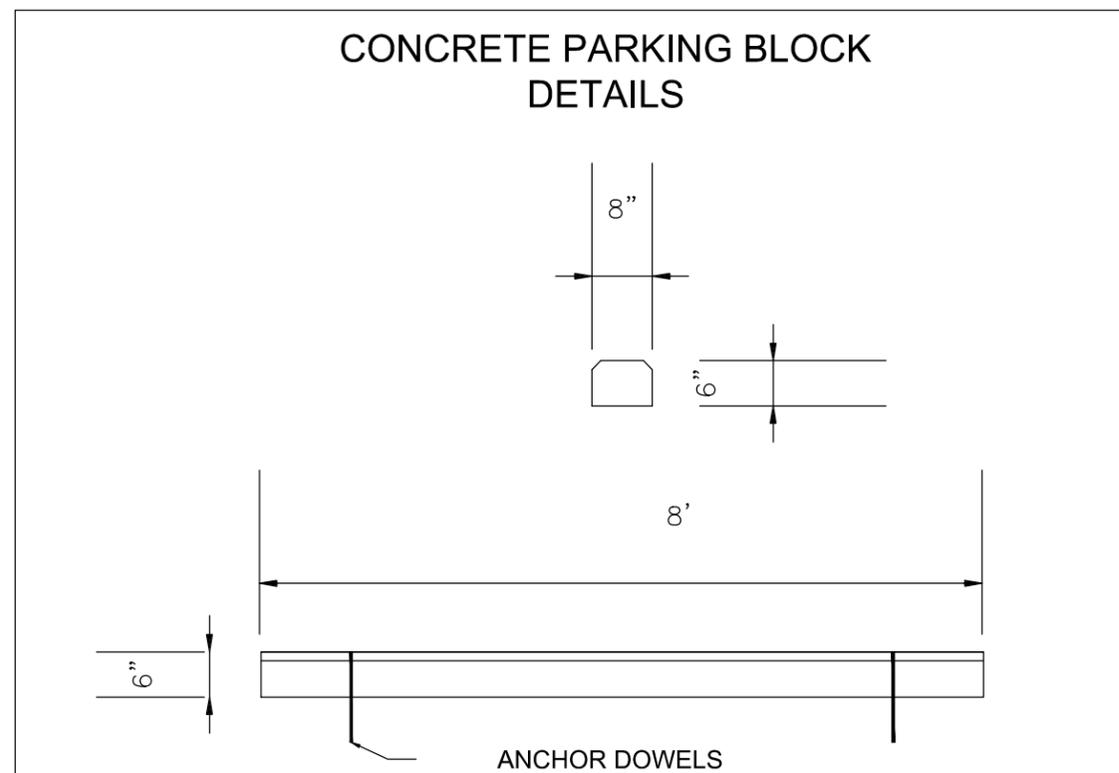
- (A) EXISTING PAVEMENT/AGGREGATE BASE
- (1) ASPHALT PAVEMENT SECTION (PRIOR TO OVERLAY)
3" ITEM 301 ASPHALT CONCRETE BASE
TACK COAT (.075 GAL/SY)
1.5" ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE
TYPE 2, (448), PG64-22
- (2) ITEM 304 - 6" COMPACTED AGGREGATE SECTION

DETAIL
12"/15" HDPP, TYPE 1
BEDDING



- (A) EXISTING PAVEMENT
- (1) ASPHALT PAVEMENT SECTION (PRIOR TO OVERLAY)
3" ITEM 301 ASPHALT CONCRETE BASE
TACK COAT (.075 GAL/SY)
1.5" ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE
TYPE 2, (448), PG64-22
- (2) ITEM 912 - COMPACTED AGGREGATE

CONCRETE PARKING BLOCK
DETAILS



DRAWN BY:
DAL
REVISED
NONE

EVERY PARK - SOUTH PARKING LOT
DETAILS: STORM SEWER AND PARKING BLOCK

15-017-CIP

AVERY PARK PARKING LOT ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
202	Bollards - Removed and Disposed of	EA	5
202	Asphalt Pavement Removed and Disposed of, A.P.P.	SY	7067
202	Parking Blocks Removed and Disposed of	EA	45
202	Bike Path Removed and Disposed of, A.P.P.	SY	263
202	Concrete Removed & Disposed of, A.P.P.	SY	4.9
202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P.	LF	2894
203	Excavation, A.P.P.	CY	173.5
209	Linear Grading	SY	1000
301	(Parking Lot) Asphalt Concrete Base	TN	1226
304	Aggregate Base - Parking Lot / Bike Path	CY	63
407	NTSS-1HM TracklessTack Coat	GAL	2018
441	(Parking Lot) Asphaltic Concrete Surface Course, Type-1, (448), PG64-22	TN	1225
441	(Parking Lot) Asphaltic Concrete Intermediate Course, Type-2, (448), PG64-22	TN	677
452	12" Plain PCC Pavement	SY	115
604	Structure- C/G Inlet, Type AA-S125 w/ Bikesafe Grate	EA	1
604	Structure- Catch Basin, Type AA-S133A w/ AA-S141 Grate	EA	9
605	Fingerdrain, 4" Pipe, A.P.P.	LF	190
608	6" Conc. Walk w/ Agg. Base, A.P.P.	SF	146
609	Curb, ODOT Type 6, A.P.P.	LF	3327
623	Construction Layout Staking- Avery Park Parking Lot	LS	1
642	Parking Lot Striping, 4"	LF	5832
642	Handicap Symbol	EA	8
653	Pulverized Topsoil, A.P.P.	CY	261
659	Vegetation (Seed/Mulch), A.P.P.	SY	3959
901	12" HDPP (720.13), Type 1 Bedding	LF	675
901	15" HDPP (720.13), Type 1 Bedding	LF	205
912	Compacted Aggregate Backfill	CY	91
Special	Asphalt Rejuvenating Agent	SY	14732
Special	Remove and Reset Parkng Block	EA	63
Special	New Concrete Parking Block	EA	23

DRAWN BY:
DAL
REVISED
NONE

AVERY PARK - SOUTH PARKING LOT
ESTIMATED CONSTRUCTION QUANTITIES

15-017-CIP

REMOVE EX. 8' OR 4' ASPHALT PATH
 EXCAVATE AGGREGATE BASE WHERE NEEDED TO MATCH GRADE OF PROPOSED CONCRETE WALK WITH EXISTING GRADE
 PLACE AND COMPACT AGG. BASE AS NEEDED
 PLACE : 8' WIDE, 4" CONCRETE WALK TO MATCH LINE AND GRADE
 4' WIDE, 4" CONCRETE WALK TO MATCH LINE AND GRADE
 CONCRETE FINISH: 8' WALK: BROOM FINISH, TOOLED EDGES, SAW CUT JOINTS
 4' WALK: BROOM FINISH, TOOLED EDGES, TOOL CUT JOINTS
 NOTE: BIKEPATH PROFILE TO BE LINEAR AND HAVE SMOOTH TRANSITIONS TO DRIVEWAYS



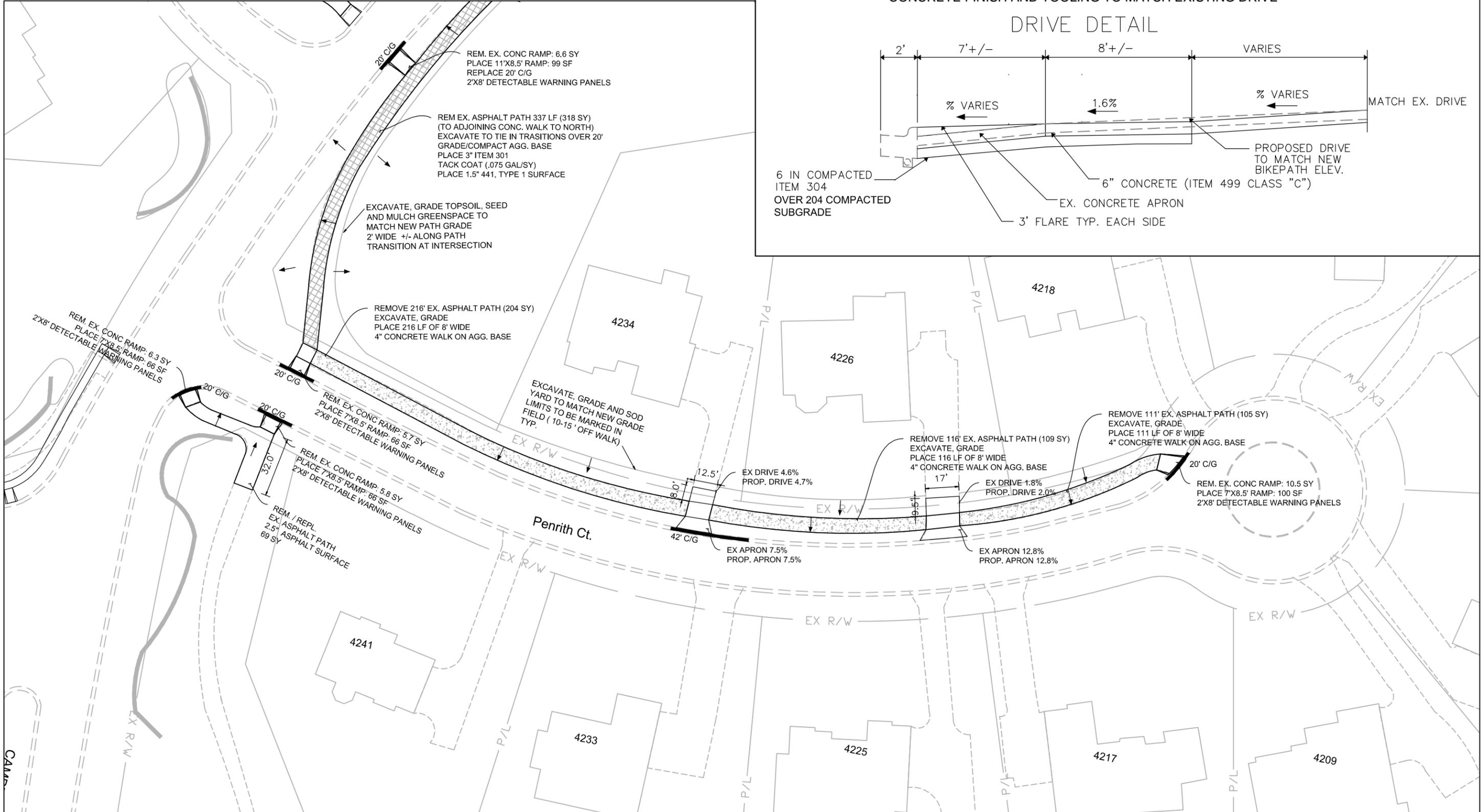
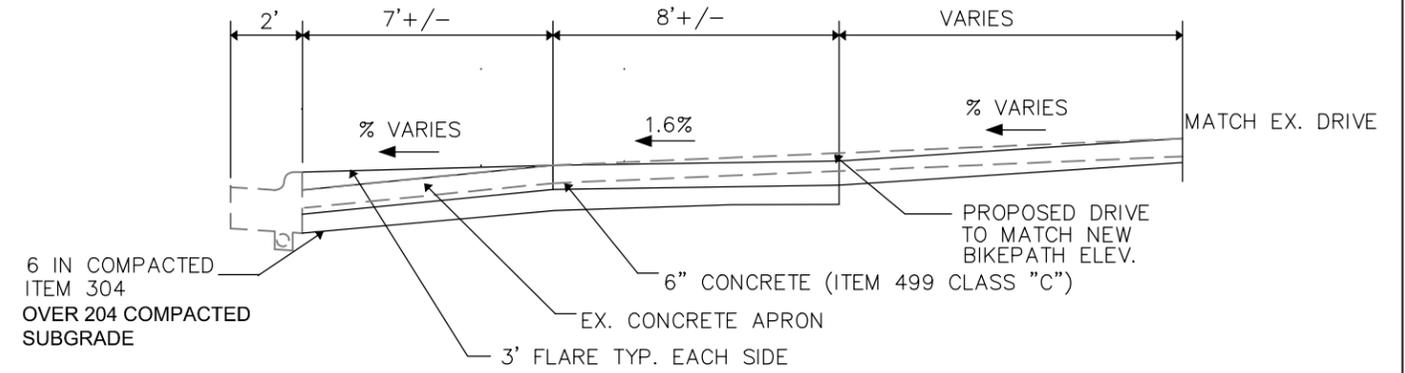
REMOVE EXISTING BIKEPATH ASPHALT SURFACE, EXCAVATE FOR TRANSITION GRADE AND COMPACT AGGREGATE BASE AS NEEDED OVER LENGTH OF BIKEPATH
 PLACE 3" ITEM 301 ASPHALT CONCRETE BASE
 1.5" ITEM 441 ASPHALT SURFACE COURSE, TYPE 1 (448), PG64-22
 OVER COMPACTED BASE



REMOVE AND REPLACE EXISTING DRIVE APRONS AND DRIVEWAY SECTIONS AS SHOWN.
 EXISTING DRIVE SECTIONS CROSS SLOPE AT BIKEPATH: 3% TO 5.8%
 PROPOSED CROSS SLOPE AT BIKEPATH TO BE 1.6%

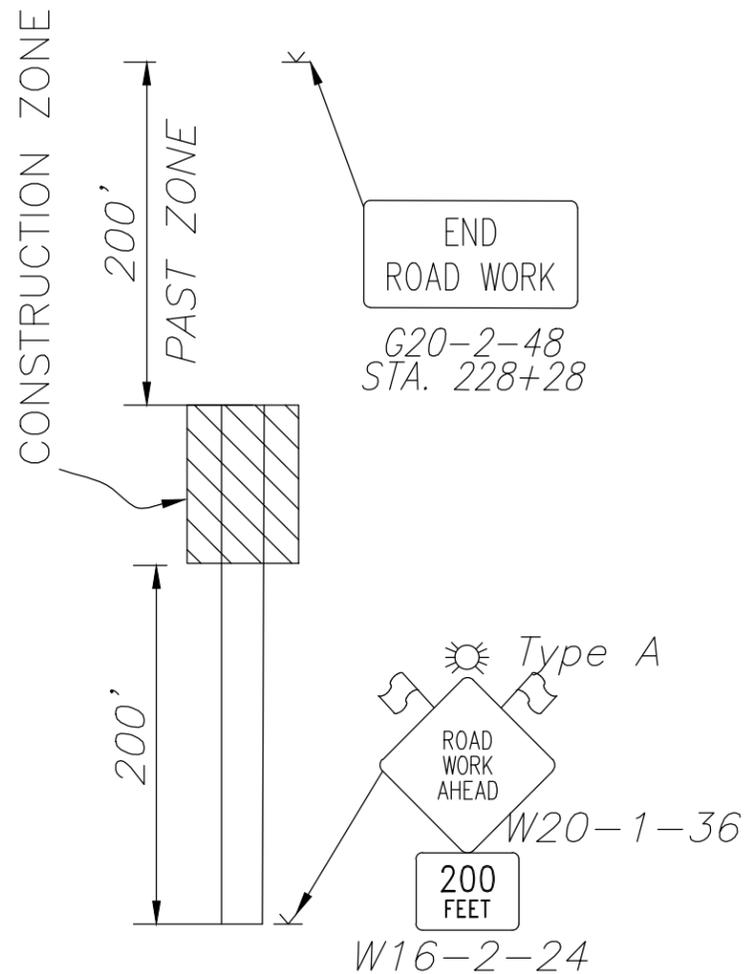
CONCRETE FINISH AND TOOLING TO MATCH EXISTING DRIVE

DRIVE DETAIL



CAMPDEN LAKES BIKEPATH - PENRITH COURT
 ASPHALT PATH REMOVAL / CONCRETE BIKE PATH INSTALLATION

15-017-CIP



ADVANCE WARNING SIGNS FOR ROAD WORK
(Typical Both Directions)

PENRITH COURT ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
202	Bike Path Removed and Disposed of, A.P.P.	SY	824
202	Concrete Removed & Disposed of, A.P.P.	SY	120
202	Curb / Curb and Gutter Removed / Disposed of, A.P.P.	LF	162
203	Excavation, A.P.P.	CY	130
251	Asphalt Surface Patch - Miscellaneous, 2"	SY	30
301	(Bikepath) Asphalt Concrete Base	TN	56
304	Aggregate Base - Parking Lot / Bike Path	CY	40
407	Tack Coat	GAL	26
441	(Bikepath) Asphaltic Concrete Surface Course, Type-1, (448), PG64-22	TN	40
608	4" Conc. Walk w/ Agg. Base, A.P.P.	SF	3544
608	6" Conc. Walk w/ Agg. Base, A.P.P.	SF	740
608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.	SF	400
609	Combination Curb/Gutter, A.P.P.	LF	162
609	Combination Curb/Gutter, Heavy Duty, A.P.P.	LF	162
618	Drain Leader Pipe	LF	100
623	Construction Layout Staking- Penrith Court	LS	1
653	Pulverized Topsoil, A.P.P.	CY	84
659	Vegetation (Seed/Mulch), A.P.P.	SY	470
660	Sodding	SY	650
802	Water Service Box, Adjust to Grade	EA	4
Special	Detectable Warning Panel	SF	80

NOTE:
CONTRACTOR MUST PROVIDE 2 WEEKS NOTICE IN ADVANCE OF
COMMENCEMENT OF CONSTRUCTION.
CONSTRUCTION HOURS ARE 8 A.M. TO 5 P.M. MONDAY THROUGH FRIDAY



DRAWN BY:
DAL

REVISED

CAMPDEN LAKES BIKEPATH - PENRITH COURT
ESTIMATED QUANTITIES / CONSTRUCTION NOTES

15-017-CIP



PAVING WORK:

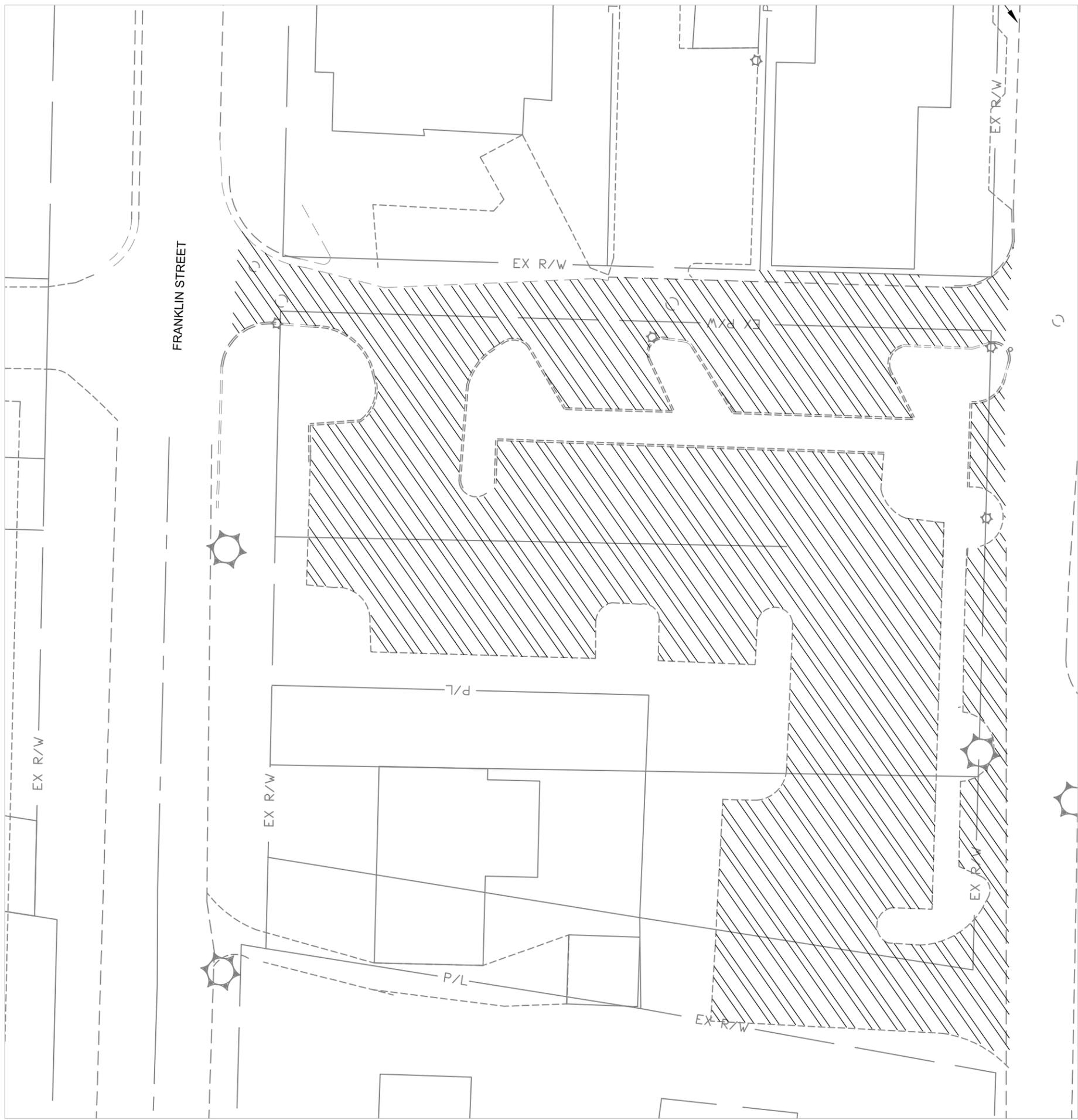

 CRACK SEALING AND SEAL COATING OF ASPHALT SURFACE
 1604 SY

DRAWN BY: DAL
 REVISED: NONE
 SCALE IN FEET: 0, 15, 30

FRANKLIN TOWN CENTER LOT - PHASE 1
PAVEMENT CRACK SEAL AND SEAL COATING

15-017-CIP

CONSTRUCTION TO BE PHASED TO MINIMIZE CLOSURE OF PARKING LOT. CONTRACTOR IS TO PROVIDE SCHEDULE AND CLOSURE REQUEST TO ENGINEER FOR APPROVAL PRIOR TO TWO WEEK NOTICE TO BEGIN WORK.



PAVING WORK:


 CRACK SEALING AND SEAL COATING OF ASPHALT SURFACE
 2545 SY

DRAWN BY: DAL
 REVISED: NONE
 SCALE IN FEET: 0, 15, 30

FRANKLIN TOWN CENTER LOT - PHASE 2
PAVEMENT CRACK SEAL AND SEAL COATING

15-017-CIP

CONSTRUCTION TO BE PHASED TO MINIMIZE CLOSURE OF PARKING LOT. CONTRACTOR IS TO PROVIDE SCHEDULE AND CLOSURE REQUEST TO ENGINEER FOR APPROVAL PRIOR TO TWO WEEK NOTICE TO BEGIN WORK.



STRIPING WORK:

TYPICAL PARKING STALL STRIPING:
9'X18', SPACE ACCORDINGLY
MINIMUM SPACE WIDTH 8'

ANGLED PARKING:
9'X22.5'

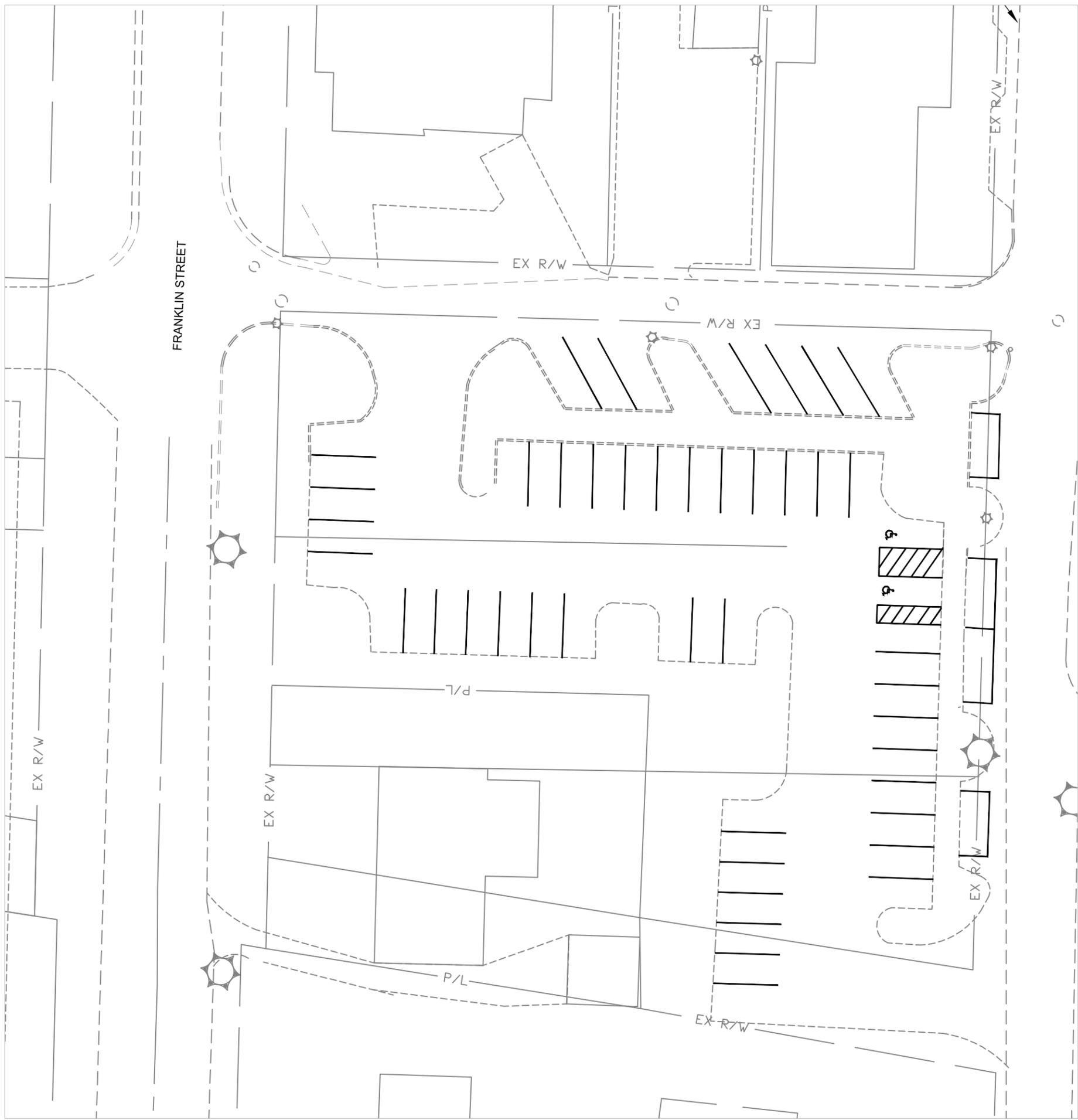
PARALLEL SPACES:
8'X18'

DRAWN BY: DAL
REVISED: NONE
SCALE IN FEET: 0, 15, 30

FRANKLIN TOWN CENTER LOT - PHASE 1
PARKING LOT STRIPING

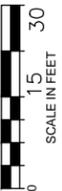
15-017-CIP

CONSTRUCTION TO BE PHASED TO MINIMIZE CLOSURE OF PARKING LOT. CONTRACTOR IS TO PROVIDE SCHEDULE AND CLOSURE REQUEST TO ENGINEER FOR APPROVAL PRIOR TO TWO WEEK NOTICE TO BEGIN WORK.



STRIPING WORK:

- TYPICAL PARKING STALL STRIPING:
9'X18', SPACE ACCORDINGLY
MINIMUM SPACE WIDTH 8'
- ANGLED PARKING:
9'X22.5'
- PARALLEL SPACES:
8'X18'



 SCALE IN FEET
 DRAWN BY: DAL
 REVISED: NONE

FRANKLIN TOWN CENTER LOT - PHASE 2
PARKING LOT STRIPING

15-017-CIP

CONSTRUCTION TO BE PHASED TO MINIMIZE CLOSURE OF PARKING LOT. CONTRACTOR IS TO PROVIDE SCHEDULE AND CLOSURE REQUEST TO ENGINEER FOR APPROVAL PRIOR TO TWO WEEK NOTICE TO BEGIN WORK.

FRANKLIN TOWN CENTER LOTS ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
642	Parking Lot Striping, 4"	LF	830
642	Handicap Symbol	EA	4
Special	Seal Coating and Crack Sealing of Asphalt Lot	SY	4149

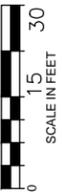
NOTES:

CONTRACTOR SHALL PROVIDE 2 WEEKS NOTICE IN ADVANCE OF INTENT TO BEGIN WORK.

CONTRACTOR IS TO PROVIDE SCHEDULE AND CLOSURE REQUEST FOR PHASED WORK TO ENGINEER FOR APPROVAL PRIOR TO TWO WEEK NOTICE TO BEGIN WORK.

WORK HOURS ARE 8 A.M. TO 4 P.M. MONDAY THROUGH FRIDAY.

SEE SUPPLEMENTAL SPECIFICATIONS FOR LISTING OF SPECIAL EVENTS FOR PRELIMINARY SCHEDULING.



DRAWN BY:
DAL
REVISED
NONE

FRANKLIN TOWN CENTER PARKING LOT P
ESTIMATED QUANTITIES AND NOTES

15-017-CIP



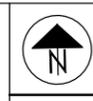
- Existing Bikeways
- Bikeway
- Pedestrian Trail
- Non-Dublin Bikeways

Bikeway Maintenance

5/27/2015



CIP Year 2015

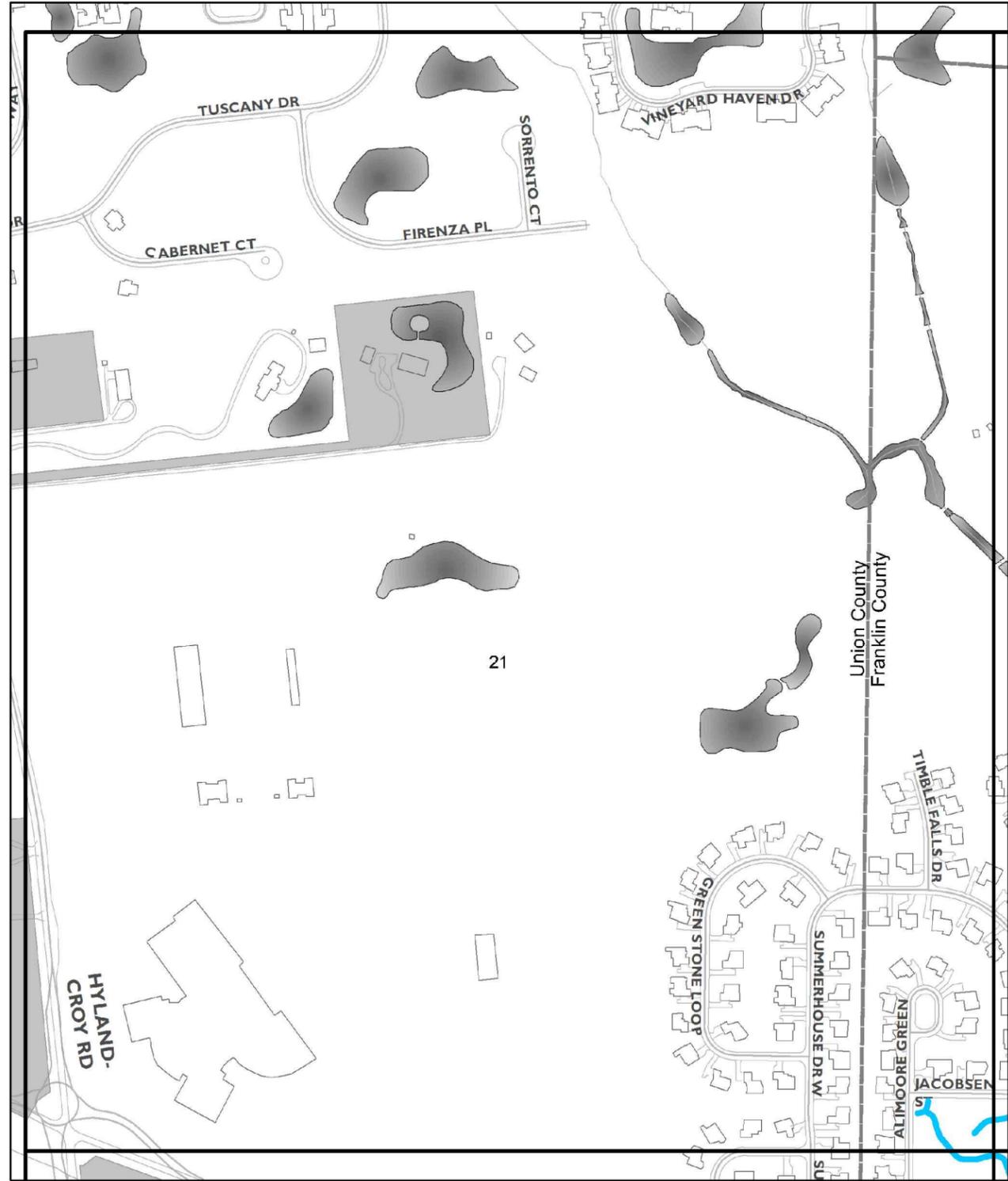




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DAL
REVISED
NONE

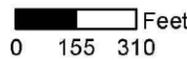
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

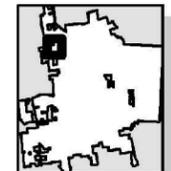
55



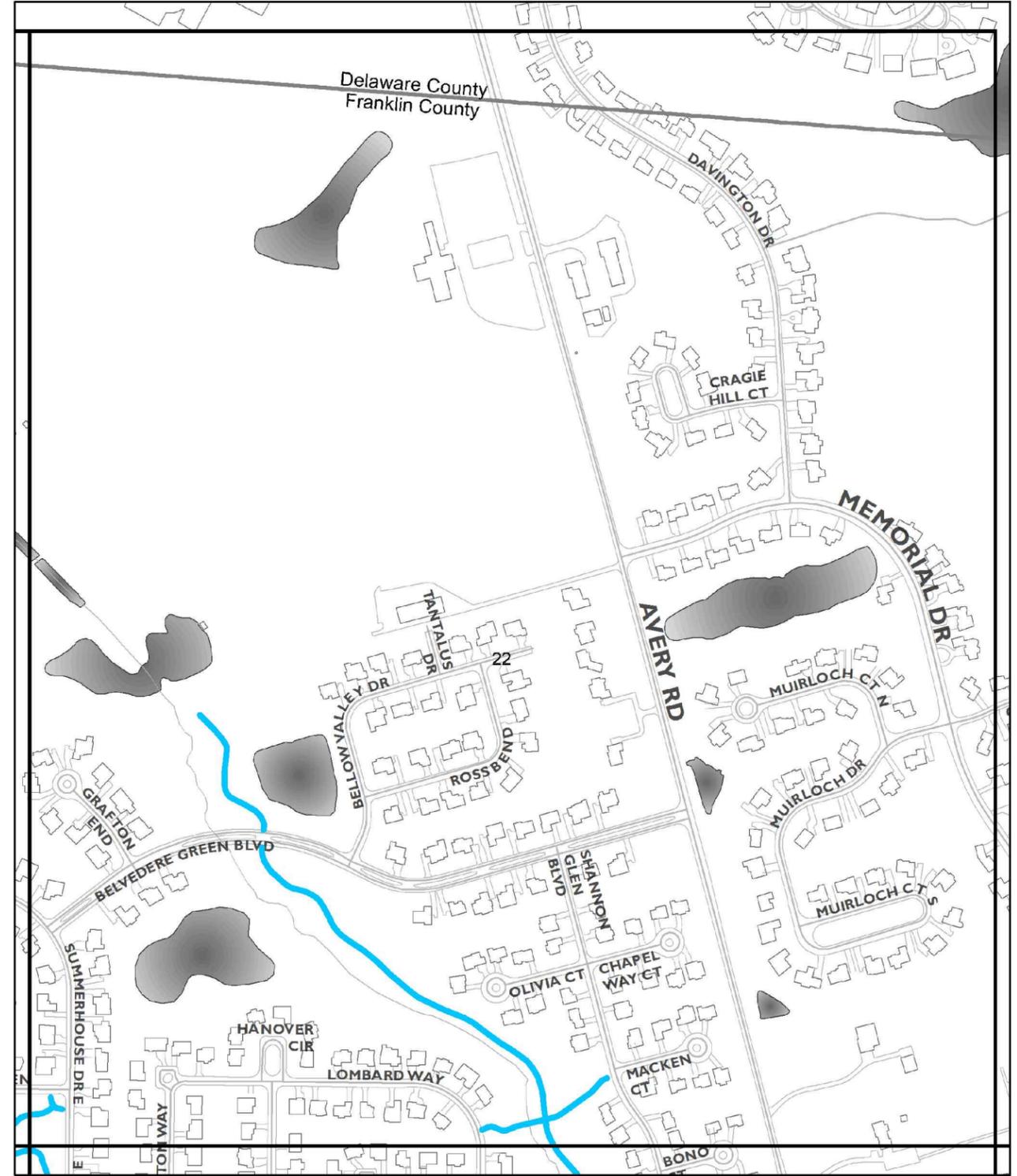
2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

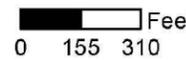


37	38	39	40	41
53	54	55	56	57
69	70	71	72	73



City of Dublin

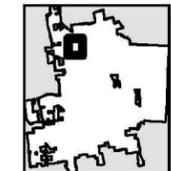
56



2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



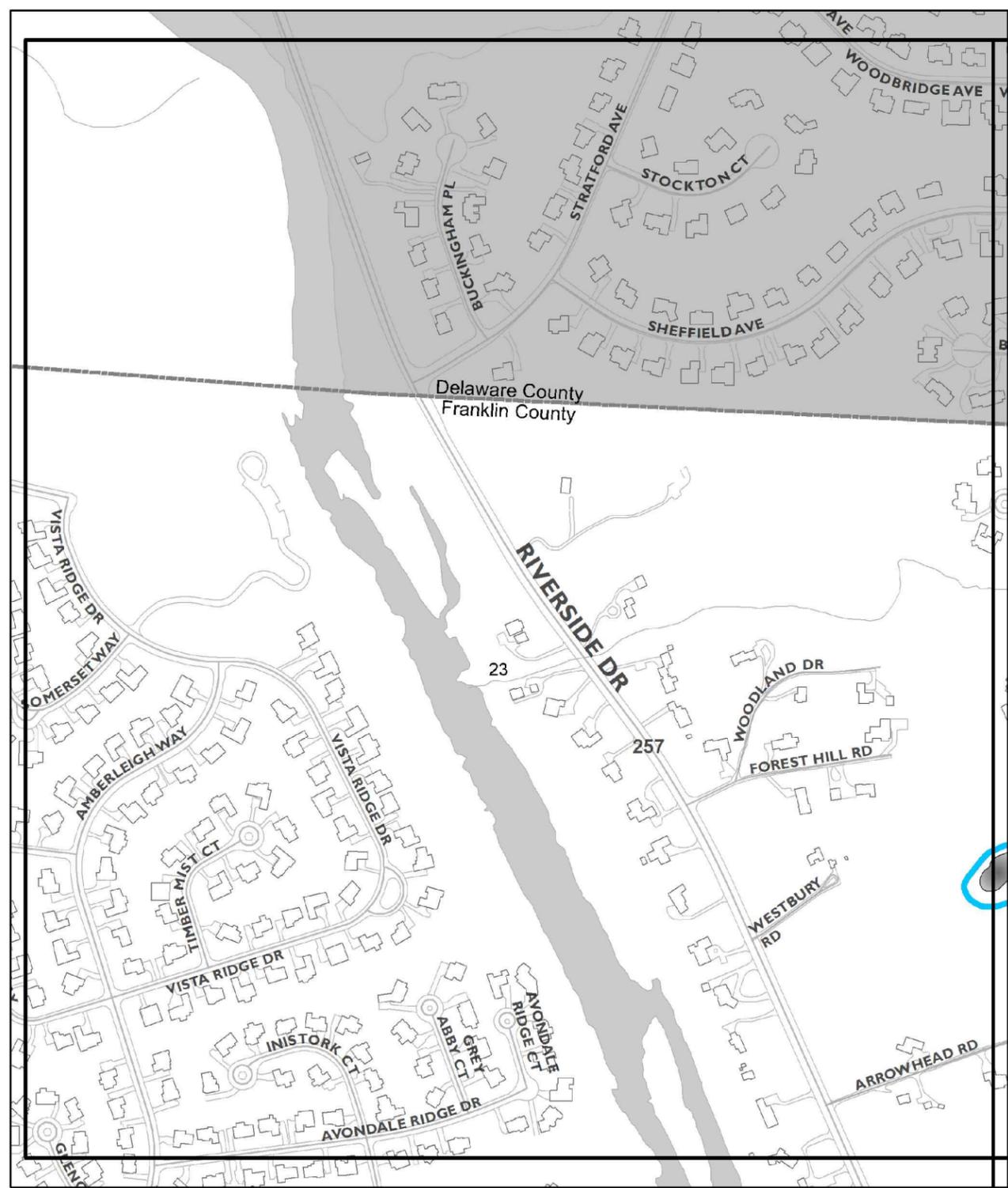
38	39	40	41	42
54	55	56	57	58
70	71	72	73	74



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SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin
60

2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



42	43	44	45	46
58	59	60	61	62
74	75	76	77	78



City of Dublin
61

2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



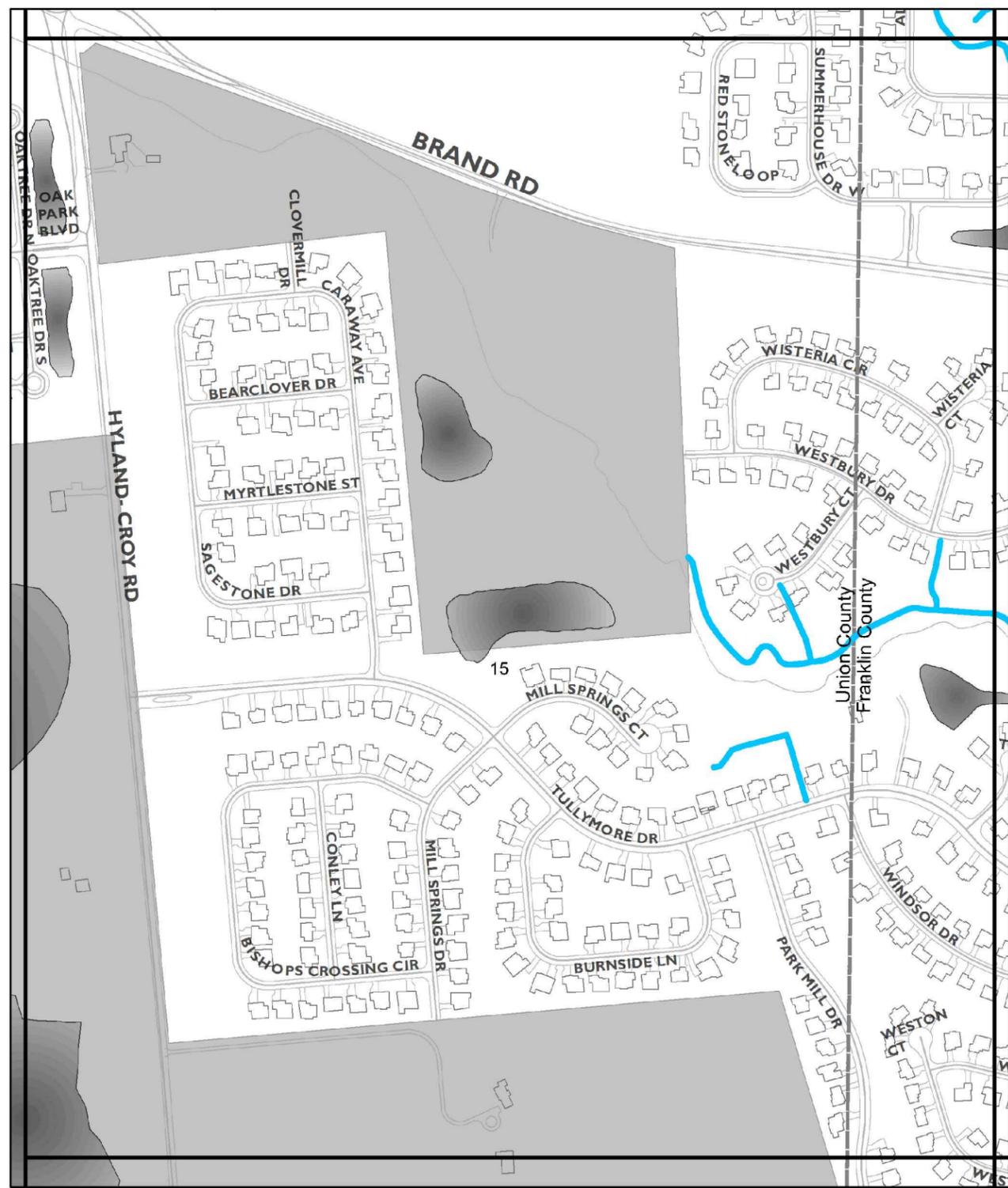
43	44	45	46	47
59	60	61	62	63
75	76	77	78	79



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NONE

SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

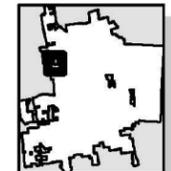
71

0 155 310 Feet

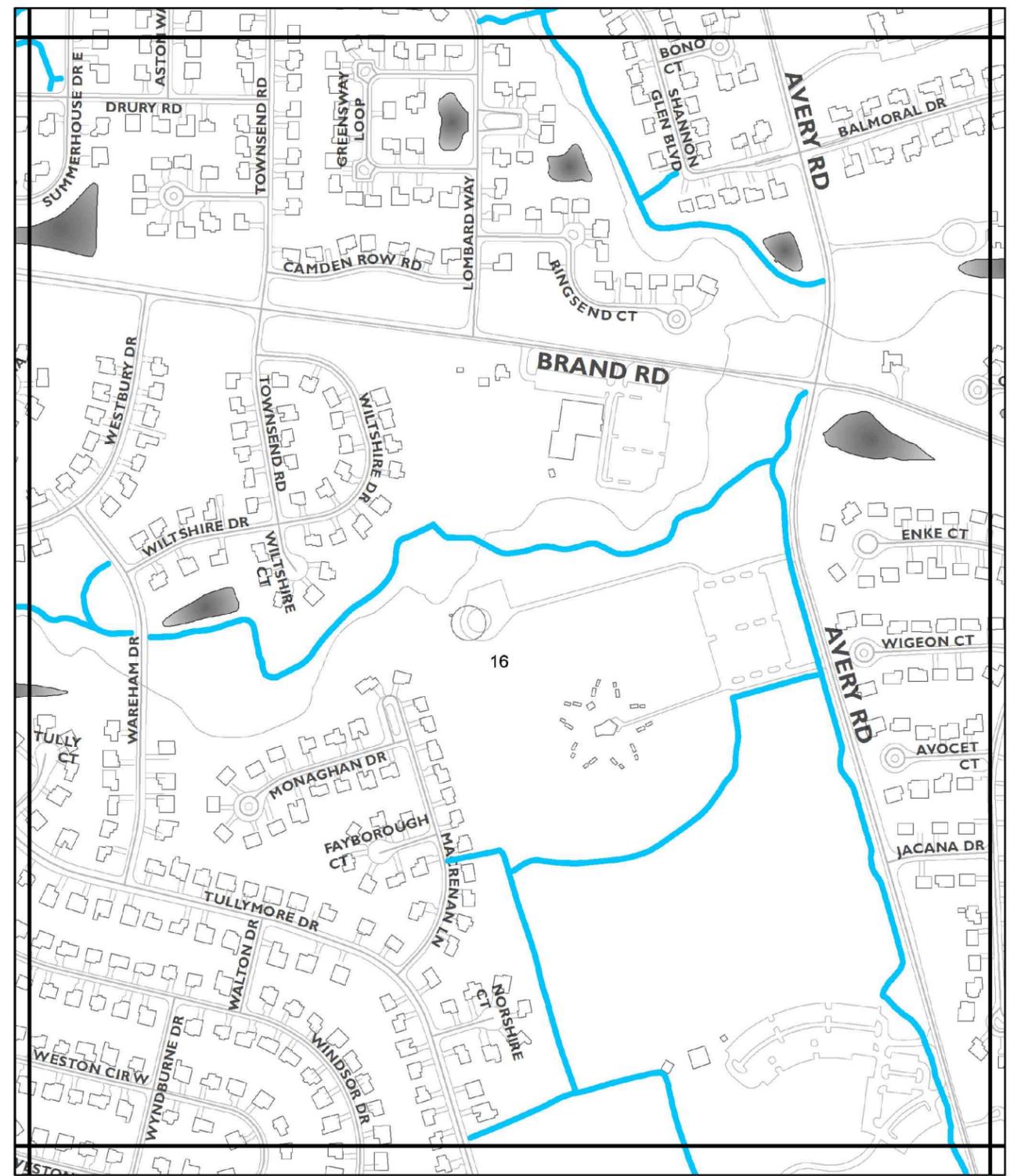
2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



53	54	55	56	57
69	70	71	72	73
85	86	87	88	89



City of Dublin

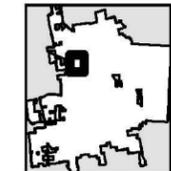
72

0 155 310 Feet

2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



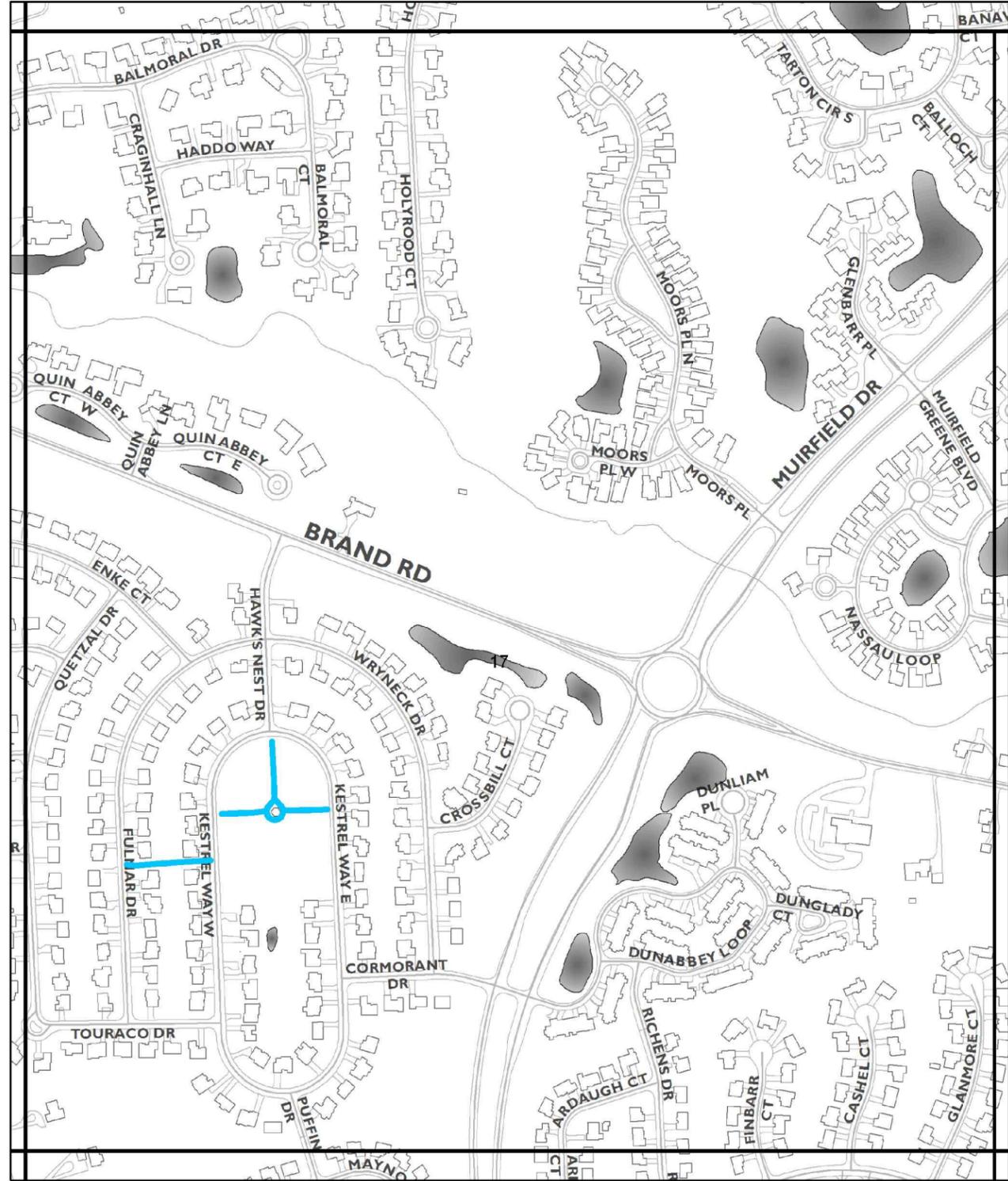
54	55	56	57	58
70	71	72	73	74
86	87	88	89	90



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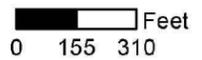
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

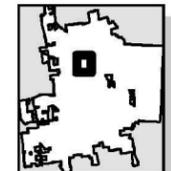
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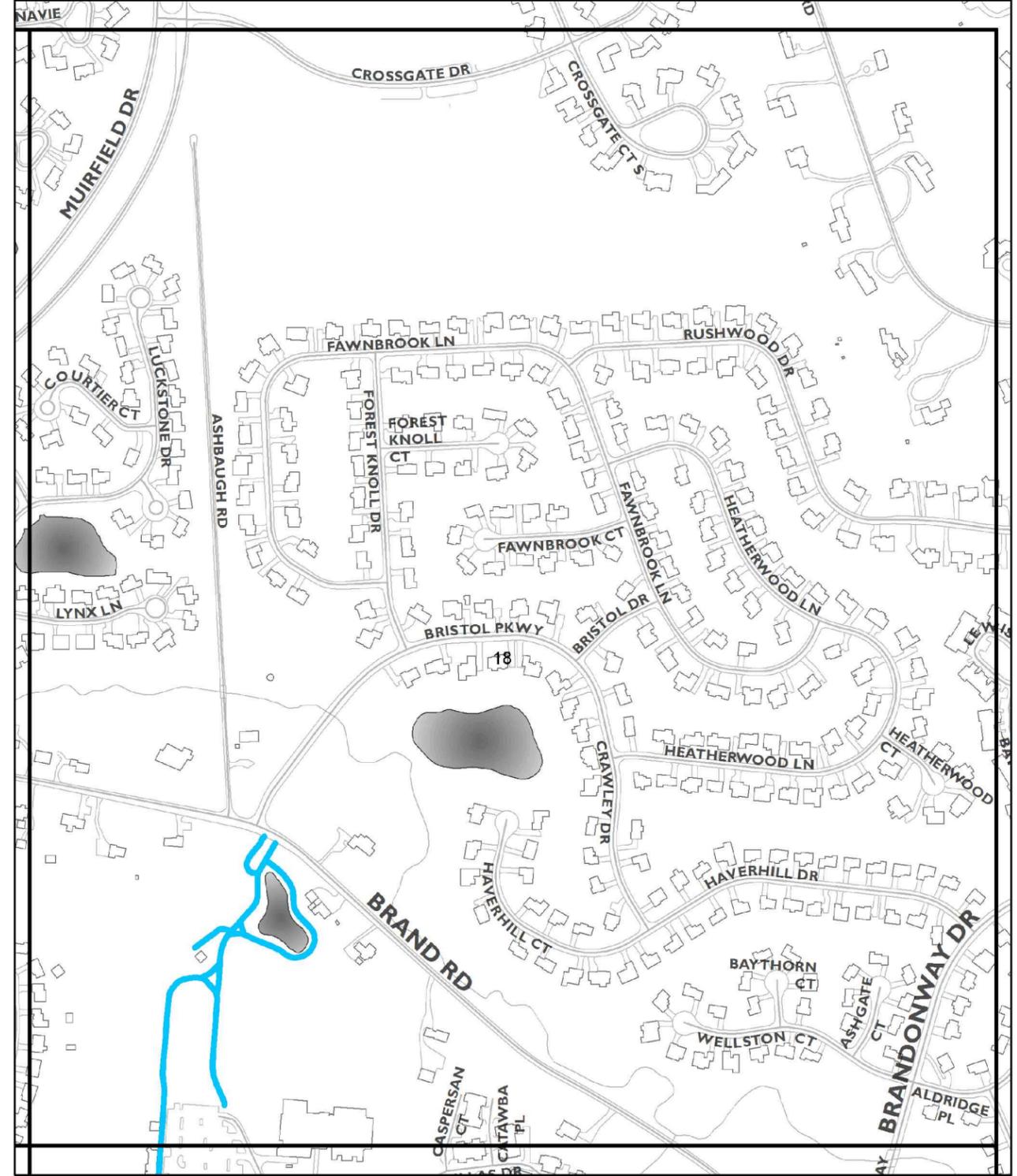
2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

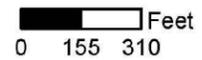


55	56	57	58	59
71	72	73	74	75
87	88	89	90	91



City of Dublin

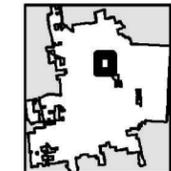
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2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



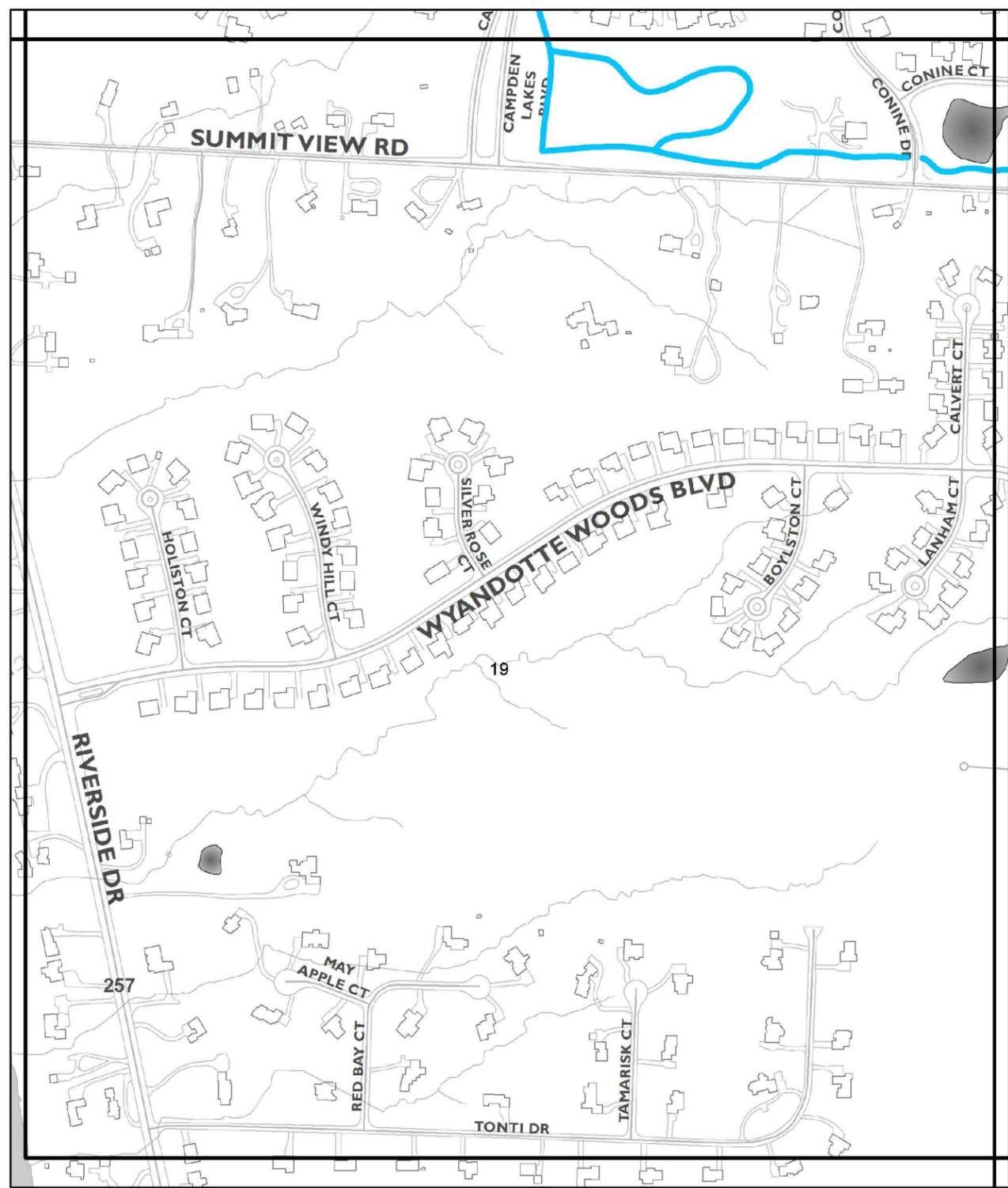
56	57	58	59	60
72	73	74	75	76
88	89	90	91	92



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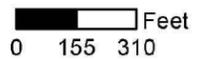
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

77



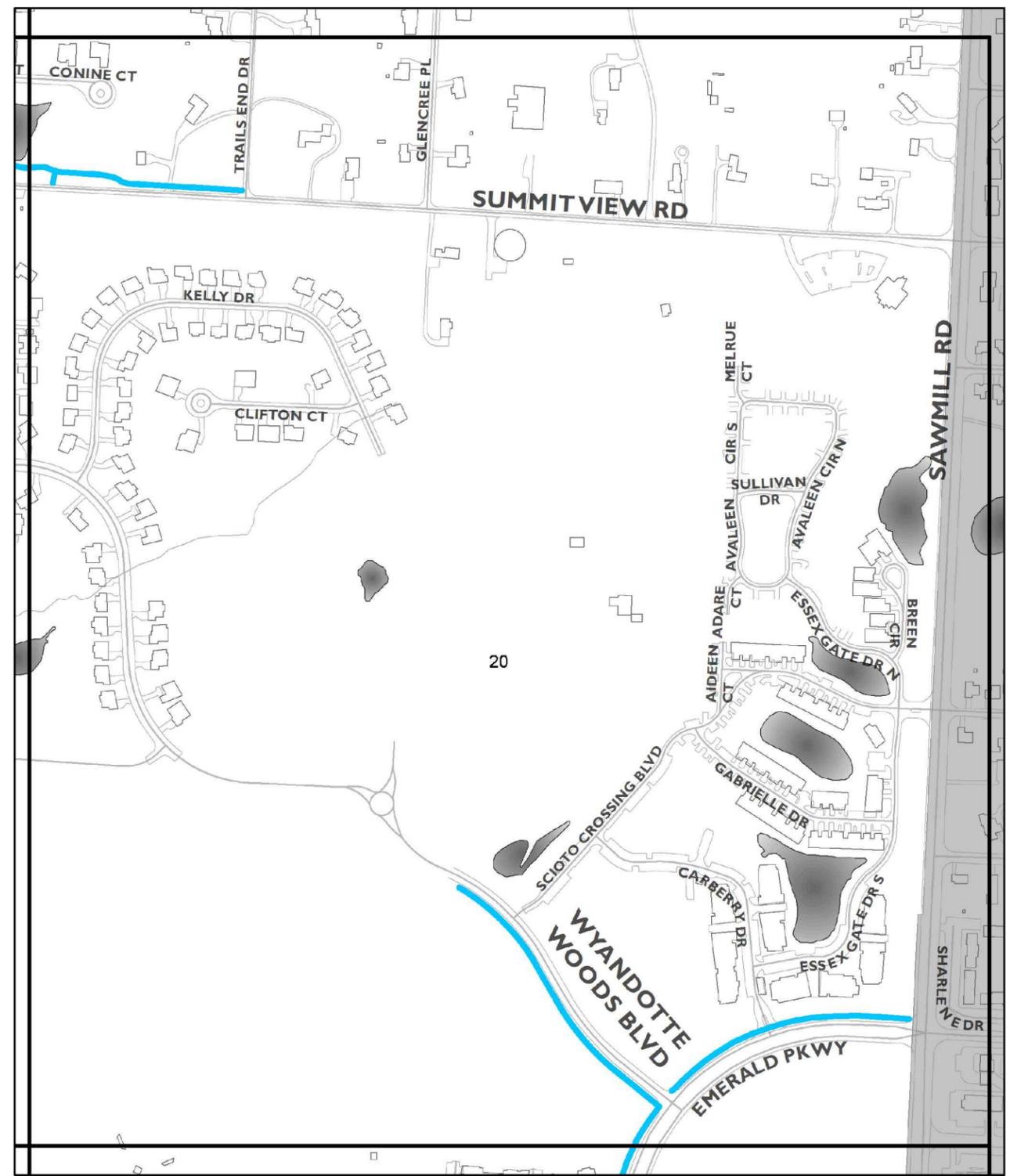
2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

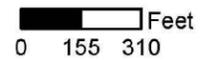


59	60	61	62	63
75	76	77	78	79
91	92	93	94	95



City of Dublin

78



2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



60	61	62	63	64
76	77	78	79	80
92	93	94	95	96



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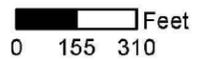
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

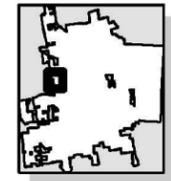
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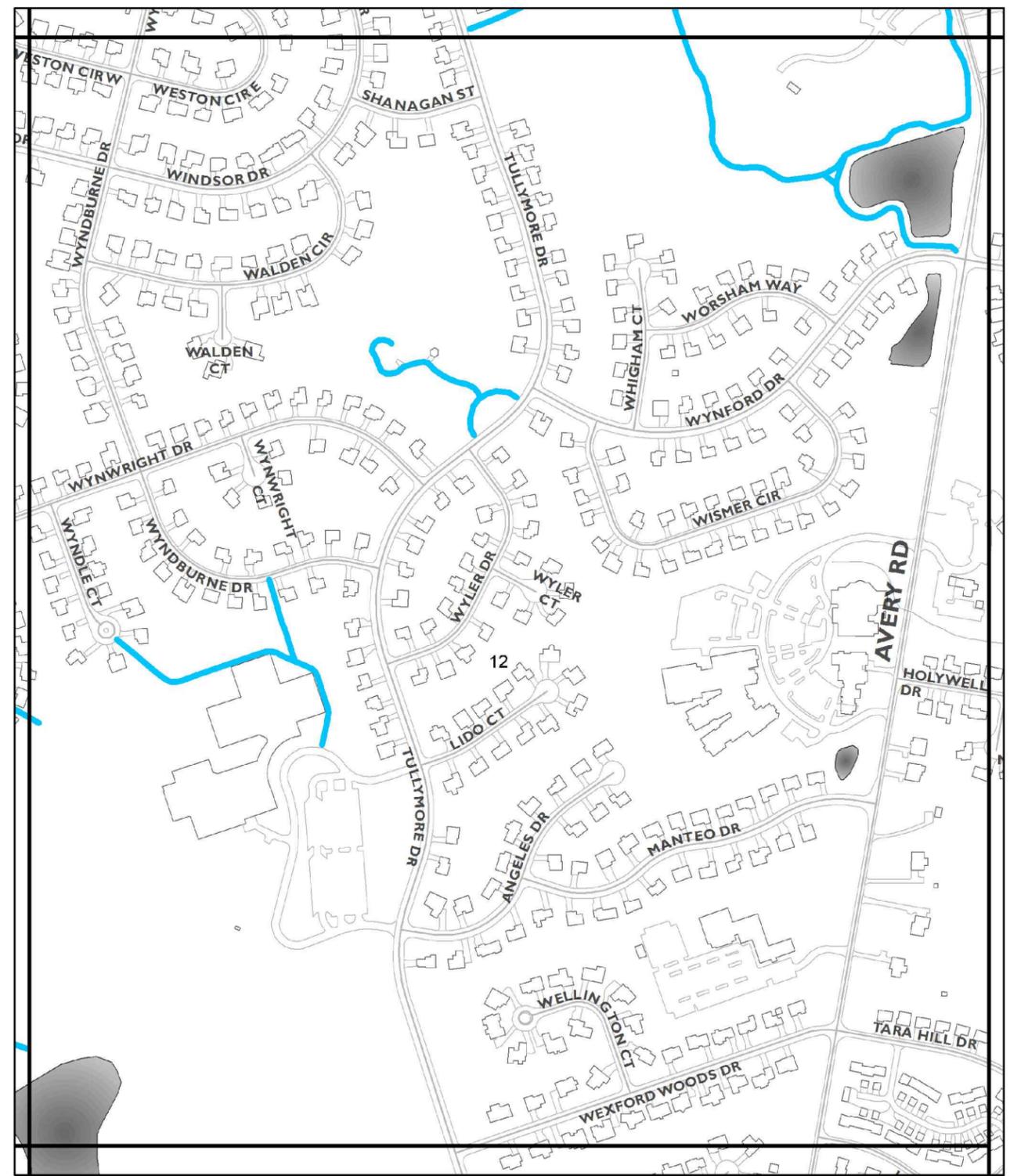
2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

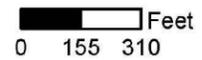


69	70	71	72	73
85	86	87	88	89
100	101	102	103	104



City of Dublin

88



2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



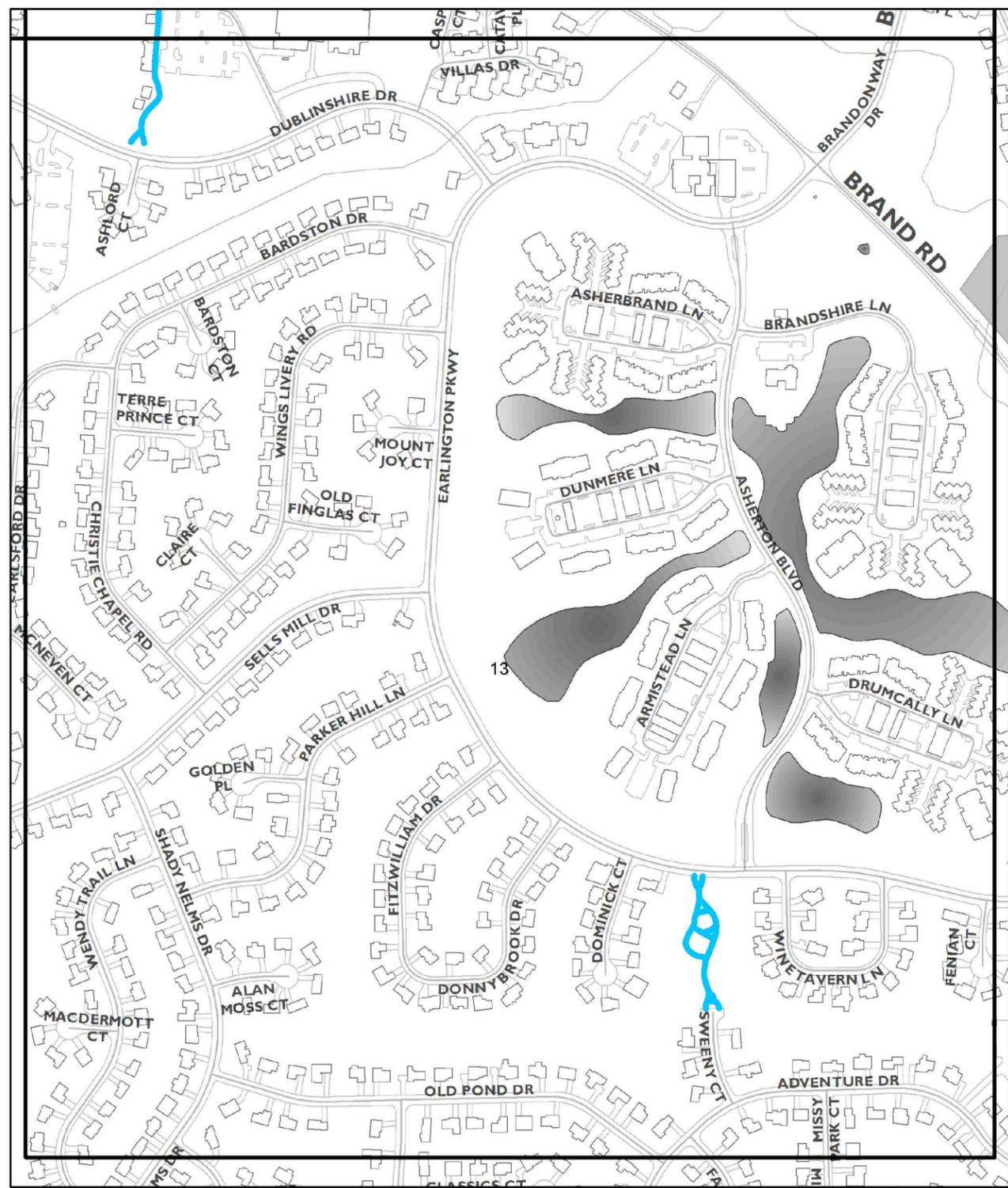
70	71	72	73	74
86	87	88	89	90
101	102	103	104	105



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SHARED USE PATH - SEAL COAT LOCATIONS

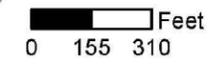
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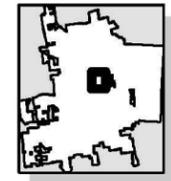
City of Dublin
90

2015 Shared Use Path
Seal Coat Maintenance Areas

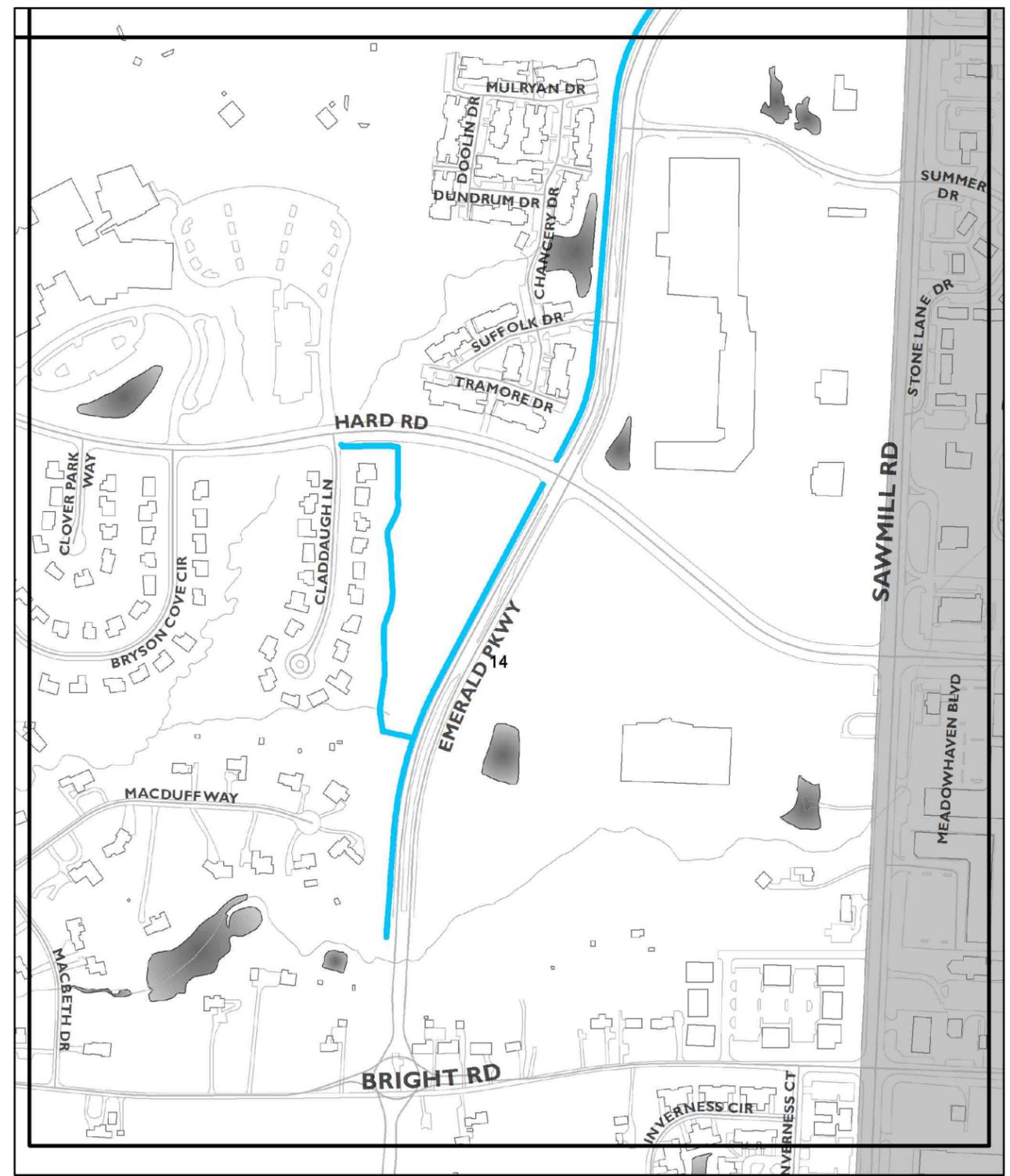
— 2015 Path Segments



City of Dublin Division of Engineering
May 2015



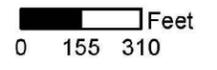
72	73	74	75	76
88	89	90	91	92
103	104	105	106	107



City of Dublin
94

2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments



City of Dublin Division of Engineering
May 2015



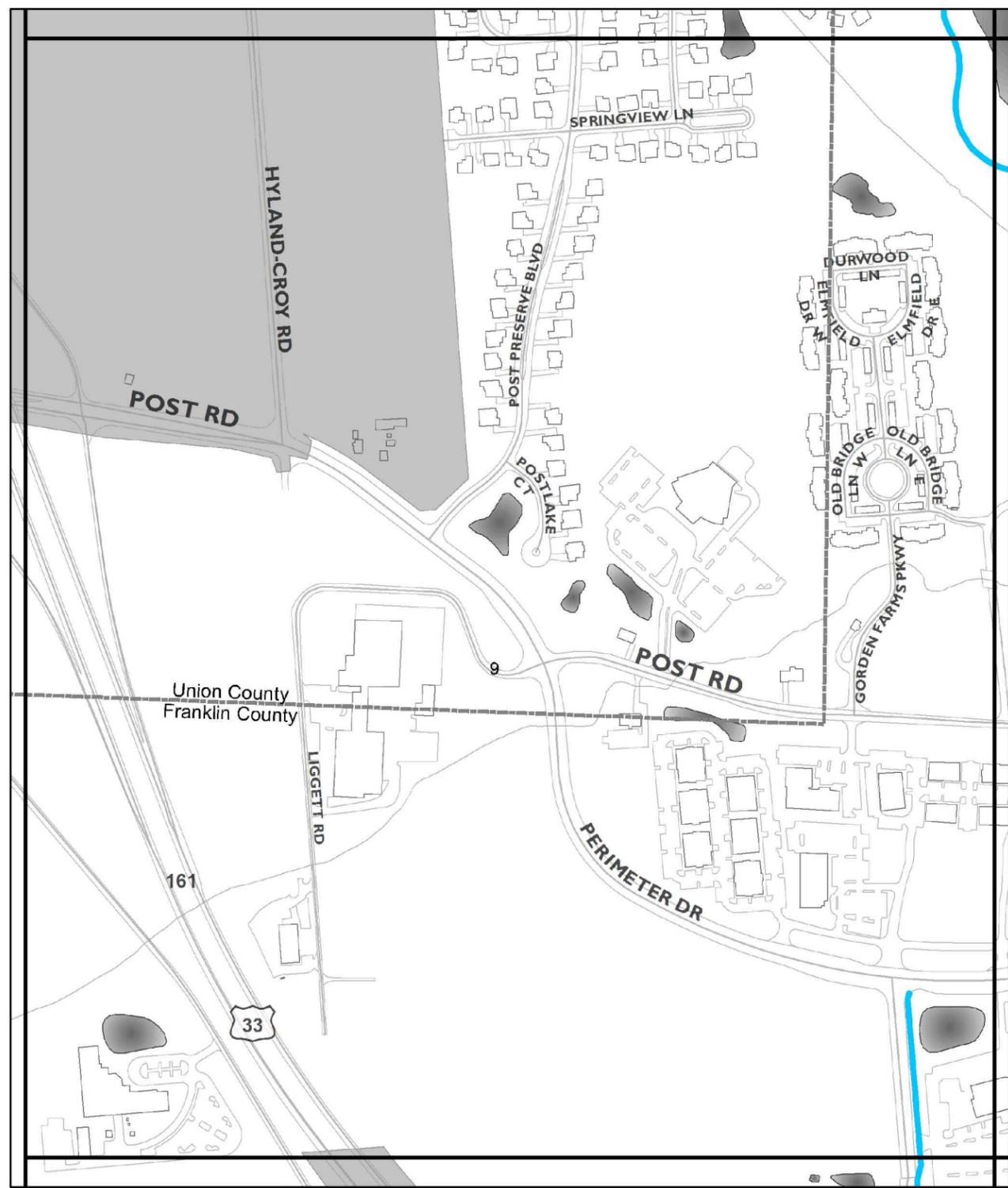
76	77	78	79	80
92	93	94	95	96
107	108	109	110	111



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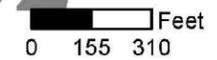
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

102



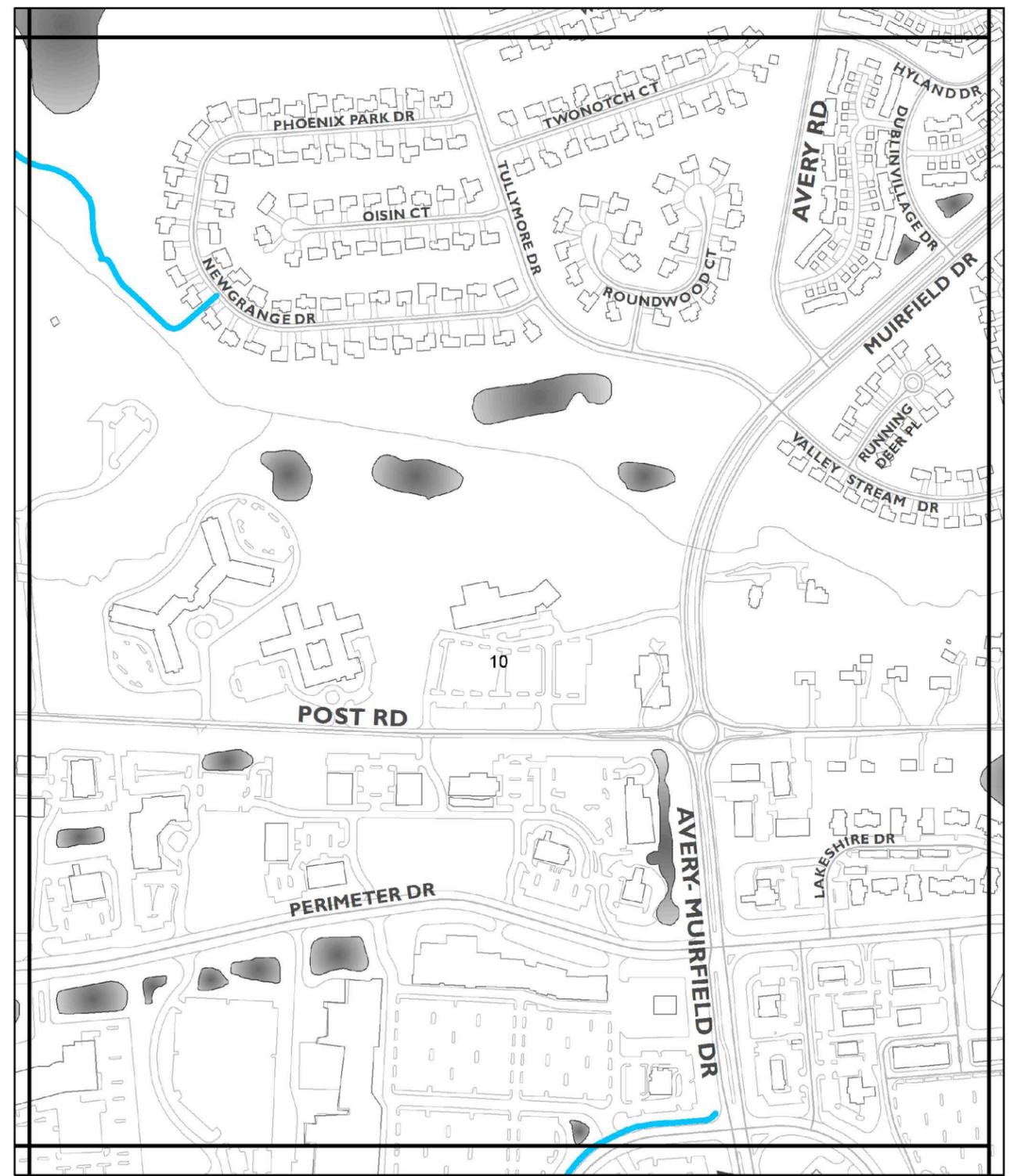
2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

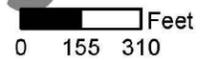


85	86	87	88	89
100	101	102	103	104
116	117	118	119	120



City of Dublin

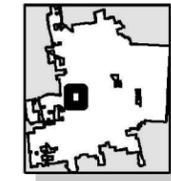
103



2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



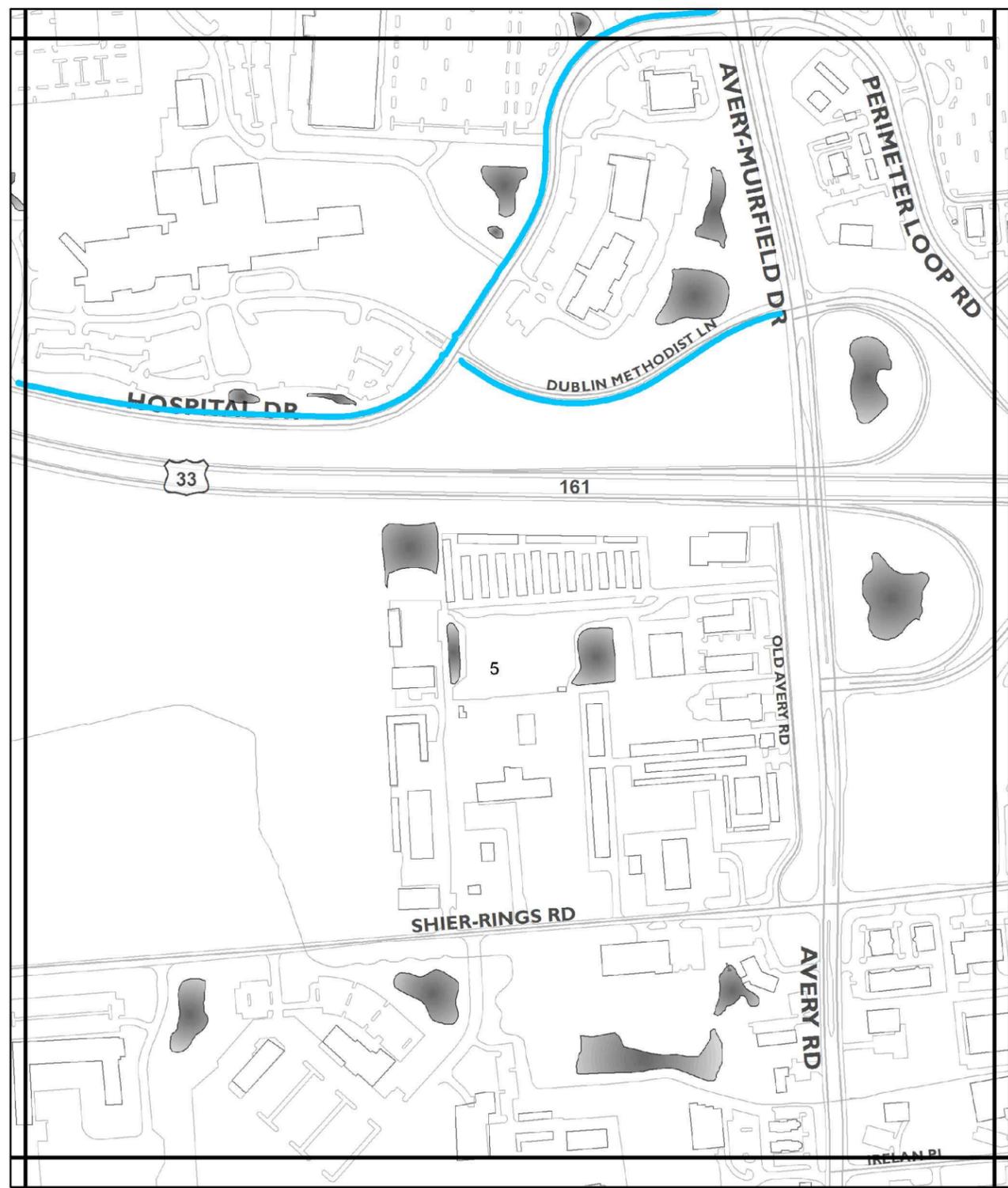
86	87	88	89	90
101	102	103	104	105
117	118	119	120	121



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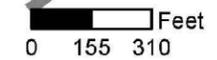
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

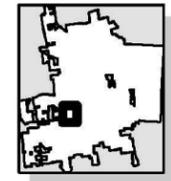
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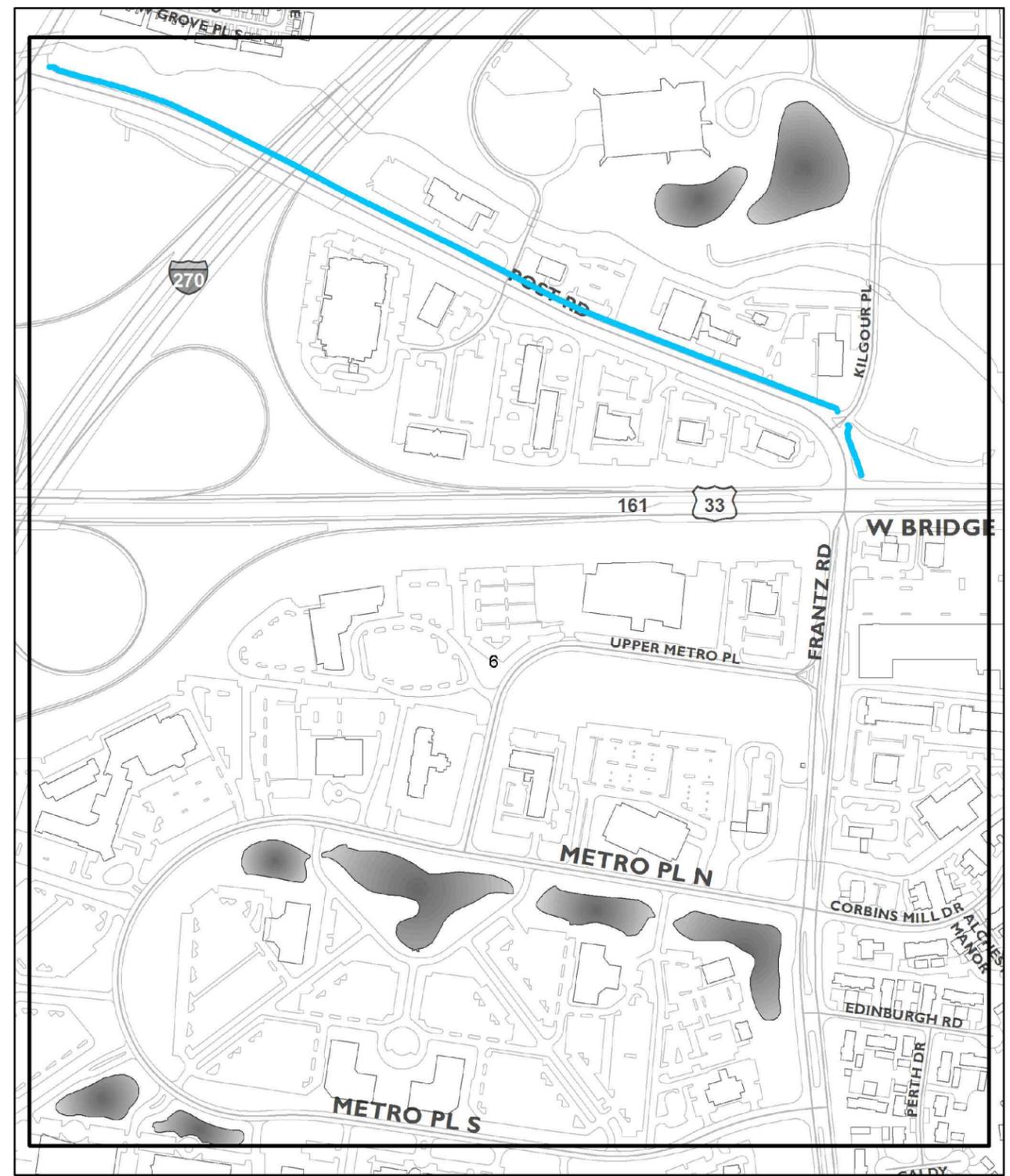
2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

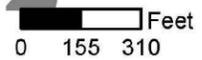


101	102	103	104	105
117	118	119	120	121
133	134	135	136	137



City of Dublin

122



2015 Shared Use Path Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



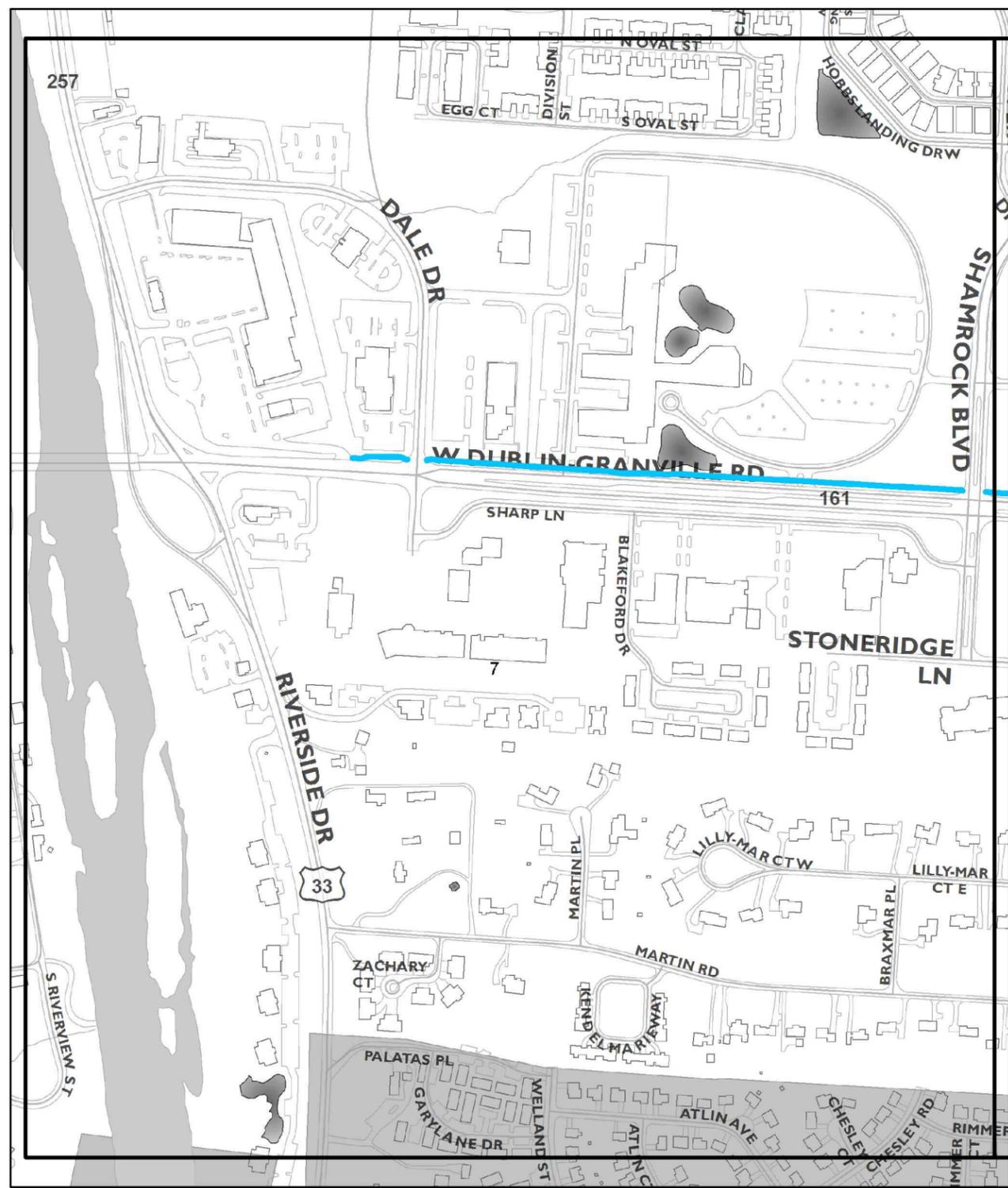
104	105	106	107	108
120	121	122	123	124
136	137	138	139	140



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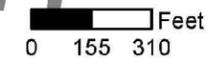
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

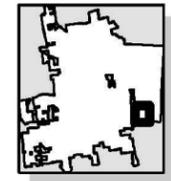
124



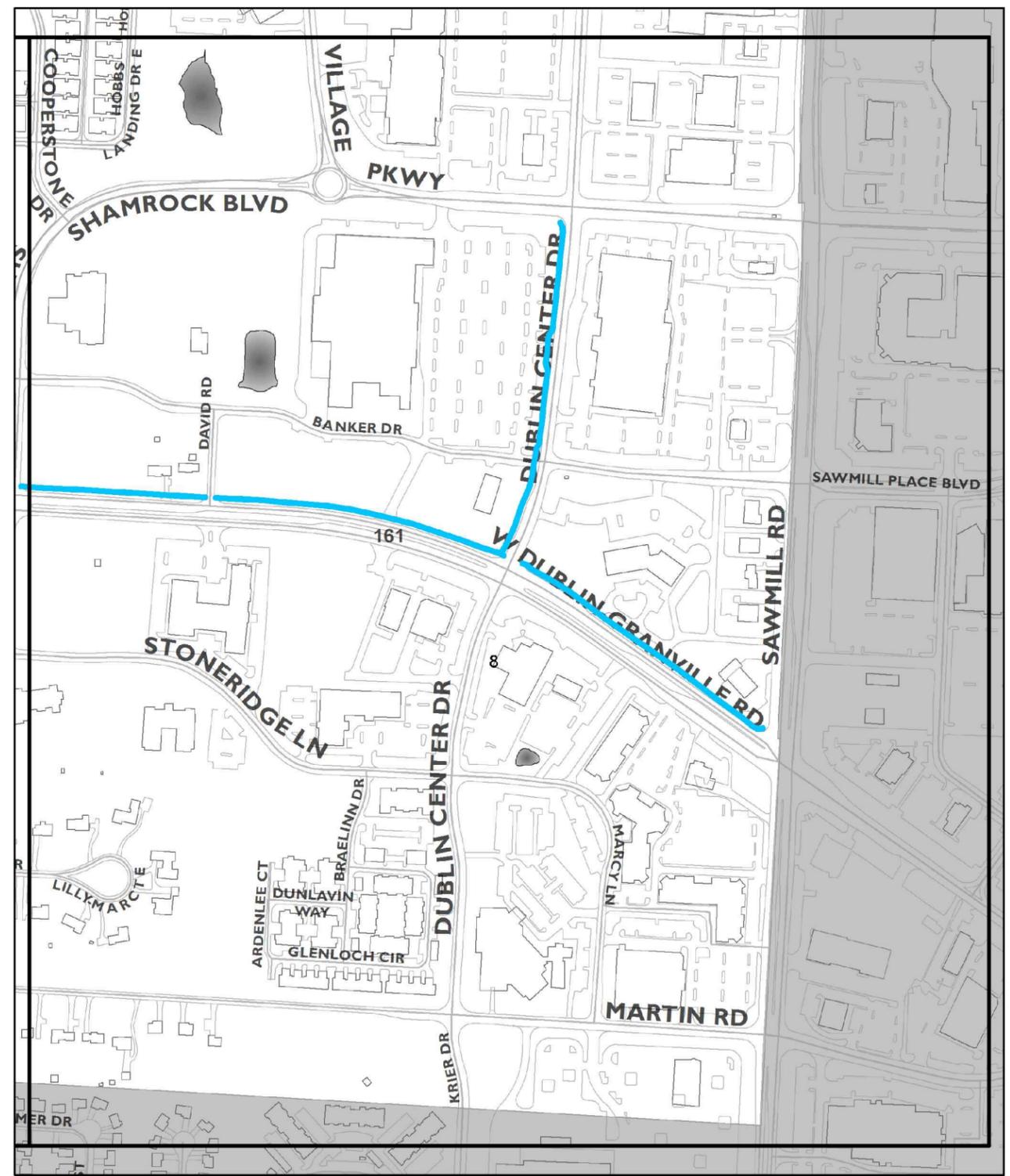
2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

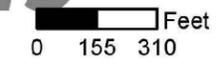


106	107	108	109	110
122	123	124	125	126
138	139	140	141	142



City of Dublin

125



2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



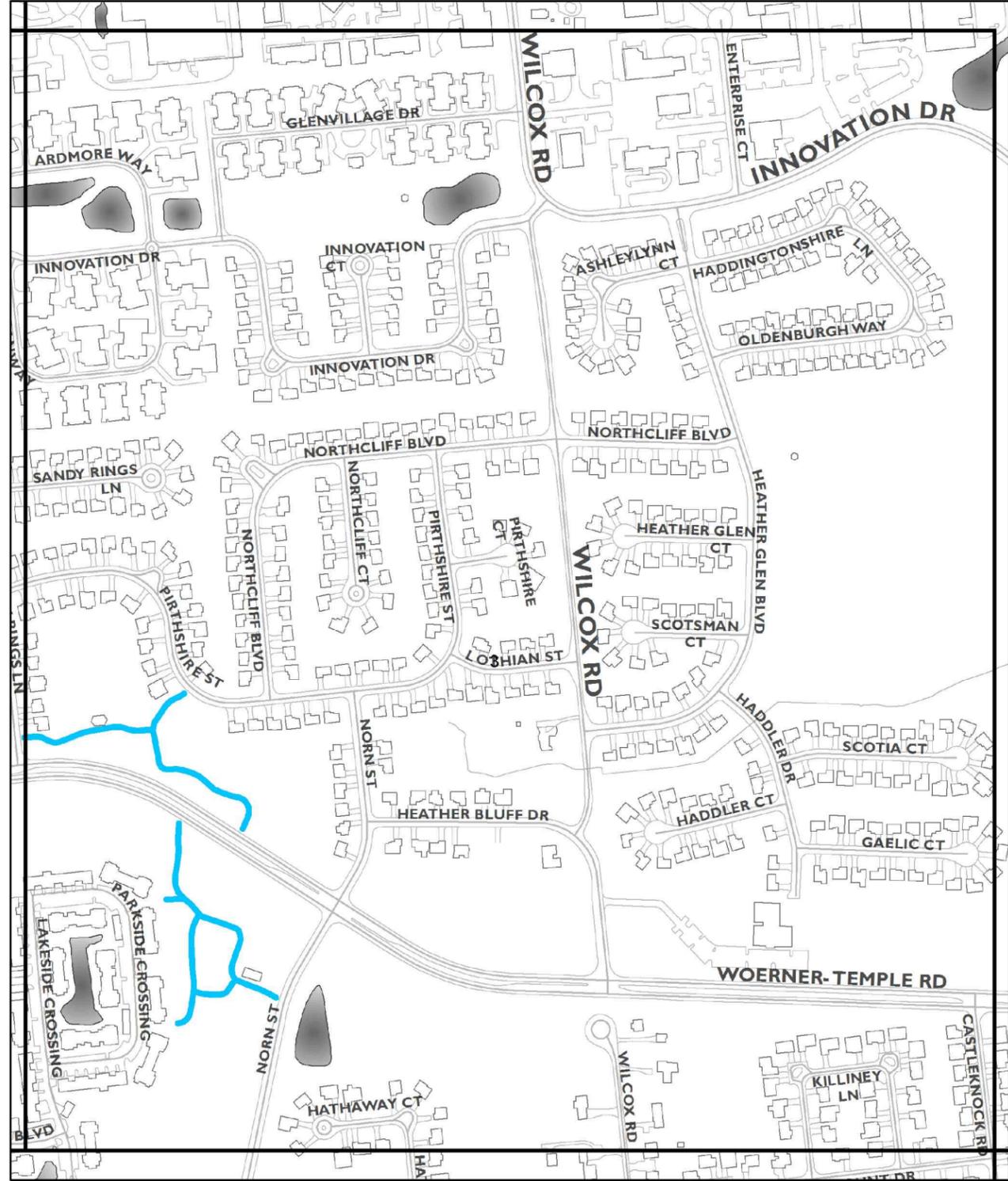
107	108	109	110	111
123	124	125	126	127
139	140	141	142	143



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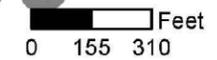
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP



City of Dublin

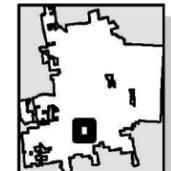
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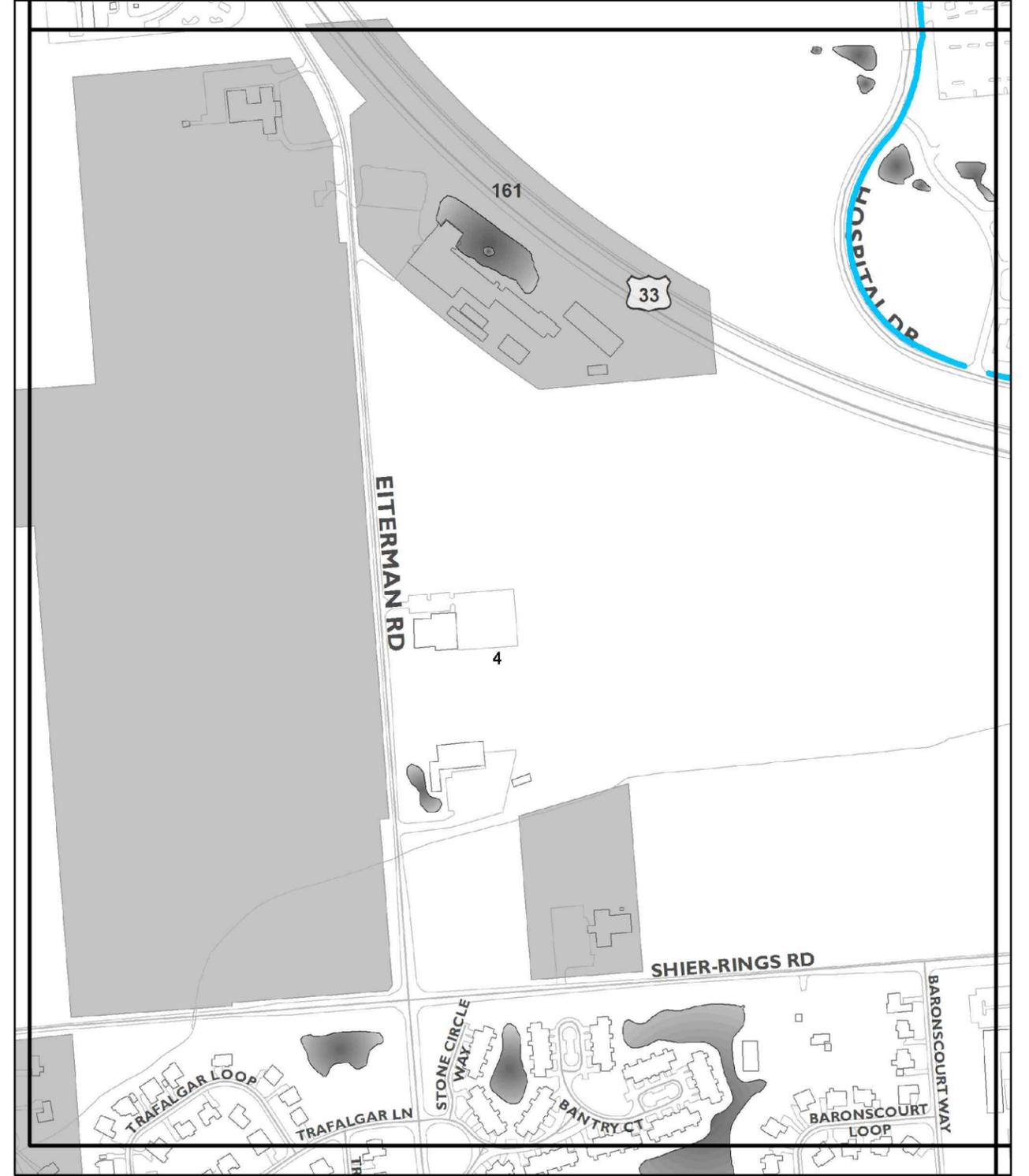
2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015

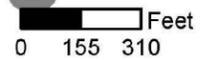


118	119	120	121	122
134	135	136	137	138
150	151	152	153	154



City of Dublin

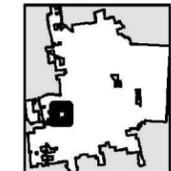
118



2015 Shared Use Path
Seal Coat Maintenance Areas

— 2015 Path Segments

City of Dublin Division of Engineering
May 2015



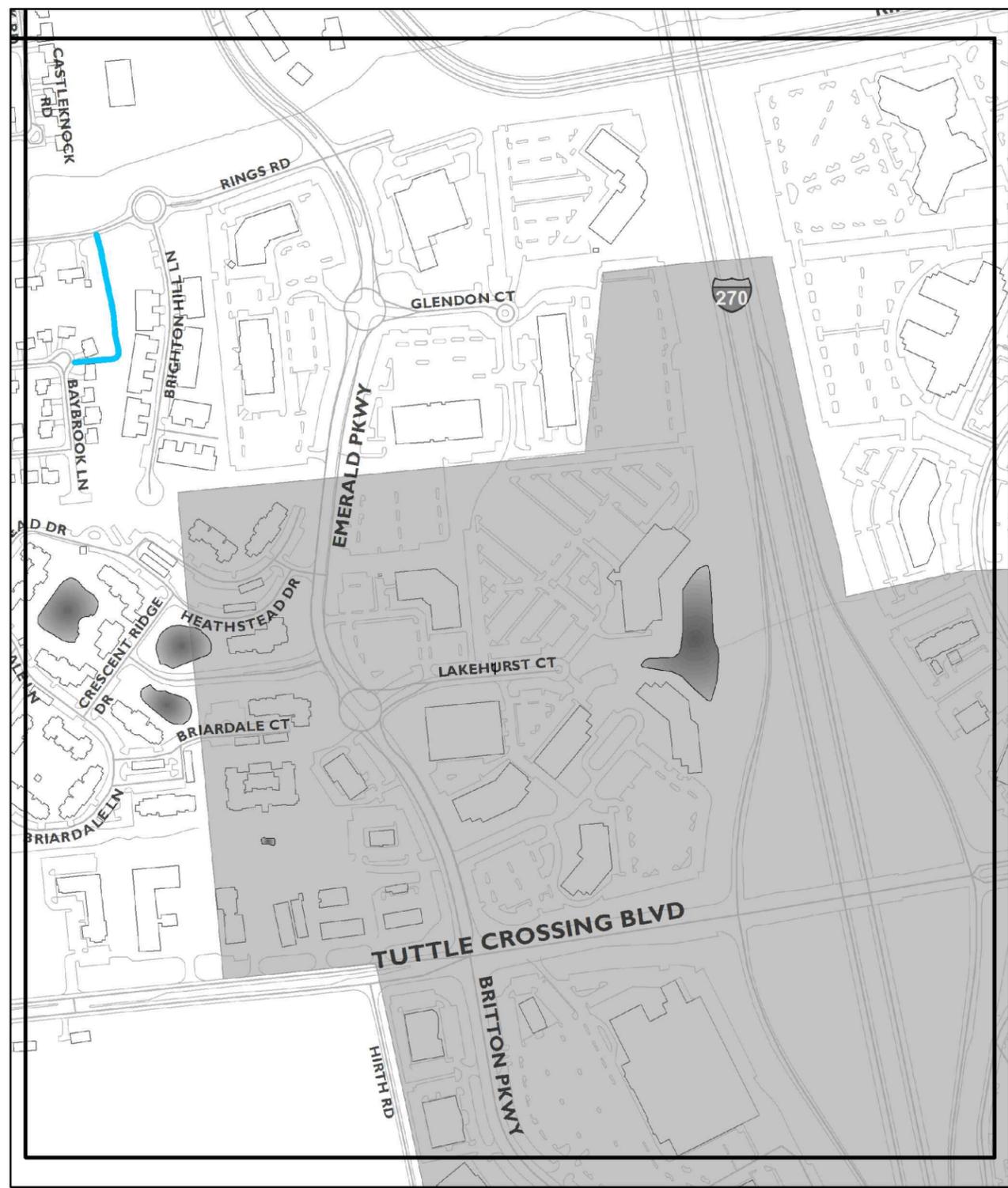
100	101	102	103	104
116	117	118	119	120
132	133	134	135	136



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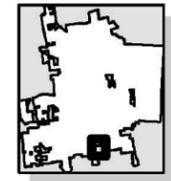
SHARED USE PATH - SEAL COAT LOCATIONS

15-017-CIP

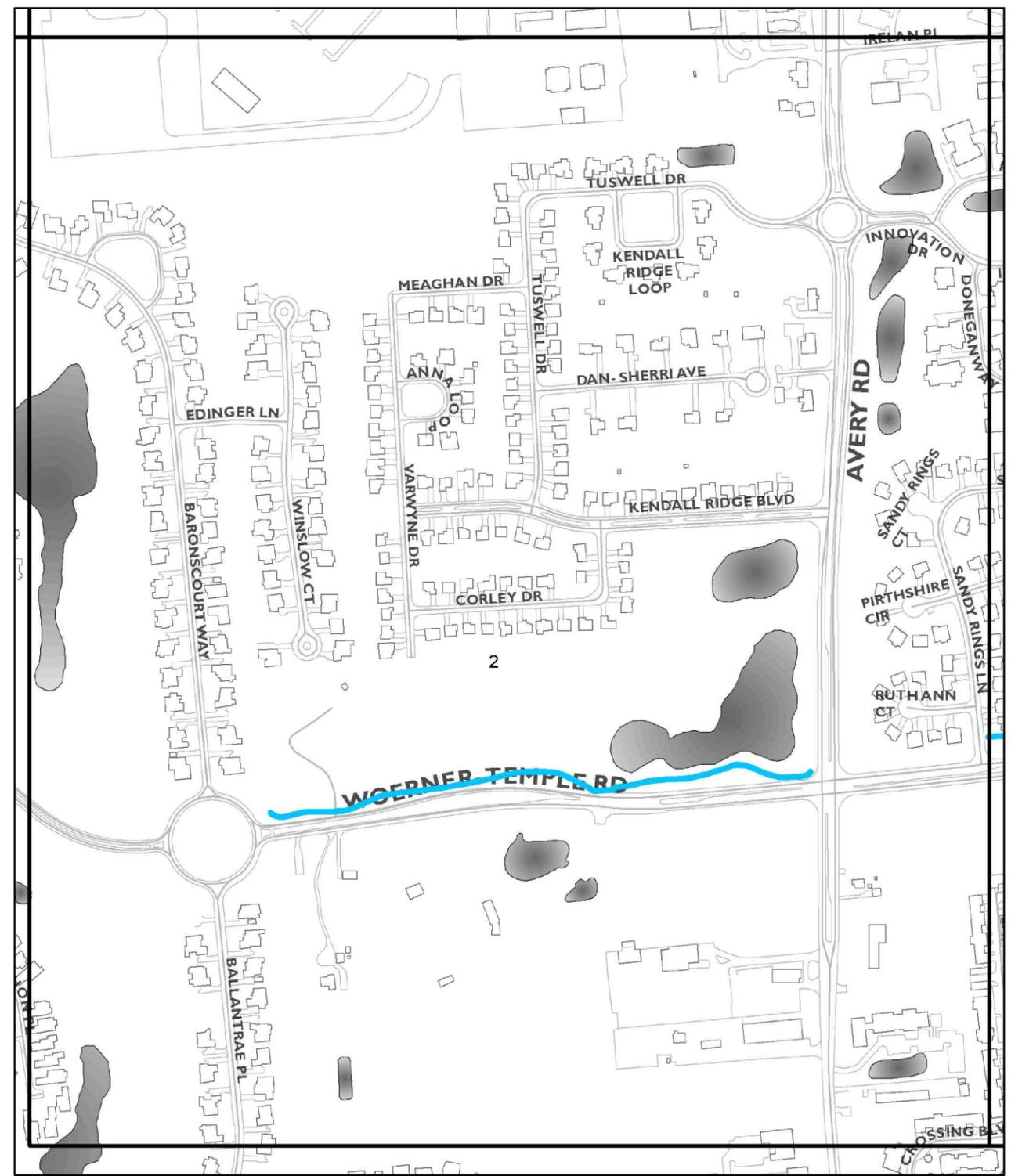


City of Dublin
153

2015 Shared Use Path Seal Coat Maintenance Areas
 — 2015 Path Segments
 City of Dublin Division of Engineering
 May 2015

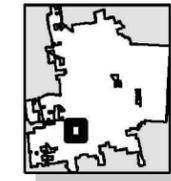


135	136	137	138	139
151	152	153	154	155
167	168	169	170	171



City of Dublin
135

2015 Shared Use Path Seal Coat Maintenance Areas
 — 2015 Path Segments
 City of Dublin Division of Engineering
 May 2015



117	118	119	120	121
133	134	135	136	137
149	150	151	152	153