ADDENDUM NO. 1
to the contract for

2014 STREET MAINTENANCE PROGRAM
14-001-CIP
Bid Date: APRIL 22, 2014

TO PROSPECTIVE BIDDERS: The following changes shall be made part of the contract documents for this project:

CONSTRUCTION DRAWINGS

Replace plan set cover sheet with revised cover sheet dated 4/18/2014.

Replace General Plan Quantities Sheets 1 through 12 with revised General Plan Quantities Sheets 1 through 12, dated 4/18/2014

Replace sheet 151 Martin Road Asphalt Bikepath Connection with
sheet 151 revised 4/18/14. This work has been removed from the project.
The General Plan Quantities and Bidding Forms have been updated to reflect this revision.

Add sheet 32 A Leven Links Court West and Leven Links Court East after sheet 32.
This work has been added to the project.
The General Plan Quantities and Bidding Forms have been updated to reflect this revision.

Replace sheets 152, 153, and 154 with sheets 152, 153 and 154 dated 4/18/14.
Sheets 153 and 154 were reversed in order.
Detail for Item 605 Underdrain, 4” Pipe, A.P.P. was missing label for geotextile fabric,
(Previous sheet 153, current sheet 154).

Add sheets 158 to 162 Riverside Drive / SR 257 Pavement Repairs after sheet 157.
This work has been added to the project.
The General Plan Quantities and Bidding Forms have been updated to reflect this revision.

* * * Beginning of Sheet 2 * * *

SECTION 2 - BIDDING FORMS

Remove Bid Schedule Sheets 27-1 through 27-6 dated April 7, 2014 and replace with Bid Schedule Sheets 27-1 through 27-6 dated April 18, 2014.

Page 27-1:
Correction of unit of measure listed for Reference No. 3:
Change Reference No. 3:

ITEM 202	Concrete Removed & Disposed of, A.P.P. (SY)	1933.9	LF

To Reference No. 3:

ITEM 202	Concrete Removed & Disposed of, A.P.P. (SY)	1933.9	SY

SUPPLEMENTAL SPECIFICATIONS

The following changes are made:

Page 73-2, Schedule of Work:
The following schedule requirement is added:

All work on Memorial Drive, Kinross Court, Leven Links Court East and Leven Links Court West to begin after June 8, 2014

Page 73-8, Section: CONCRETE

Replace page 73-8 dated April 7, 2014 with page 73-8 dated April 18, 2014.
The following provision is added to the section:

CURING

All concrete shall be cured in accordance with section 451.10 (CMS) utilizing Vocomp-20 Water-Based, Acrylic, Concrete Curing and Sealing Compound, by W.R. Meadows, INC**.**

Page 73-17, ITEM 253 PAVEMENT REPAIR (depth)", A.P.P.

Replace page 73-17 dated April 7, 2014 with page 73-17 dated April 18, 2014.
The following detail is added:

For nine (9) inch depth of repairs:
Replacement with:
Seven and one-half (7 ½) inches of 301 Bituminous Aggregate Base in two lifts. (One 3 ½ inch lift over one 4 inch lift)
One and one-half (1 ½) inches Item 448 Type 1, PG64-22, MT

* * * End of Sheet 2 * * *

* * * Beginning of Sheet 3 * * *

Addendum Approved By:

Paul A. Hammersmith, PE
Director of Engineering/City Engineer

04-18-2014
Date

* * * * * * * * * * *

Terminus for Addendum No. 1
Certification by Bidder

Bidder shall sign and date one copy of this Addendum No. 1 and submit with his proposal as evidence of receipt and evaluation of same in his bid analysis.

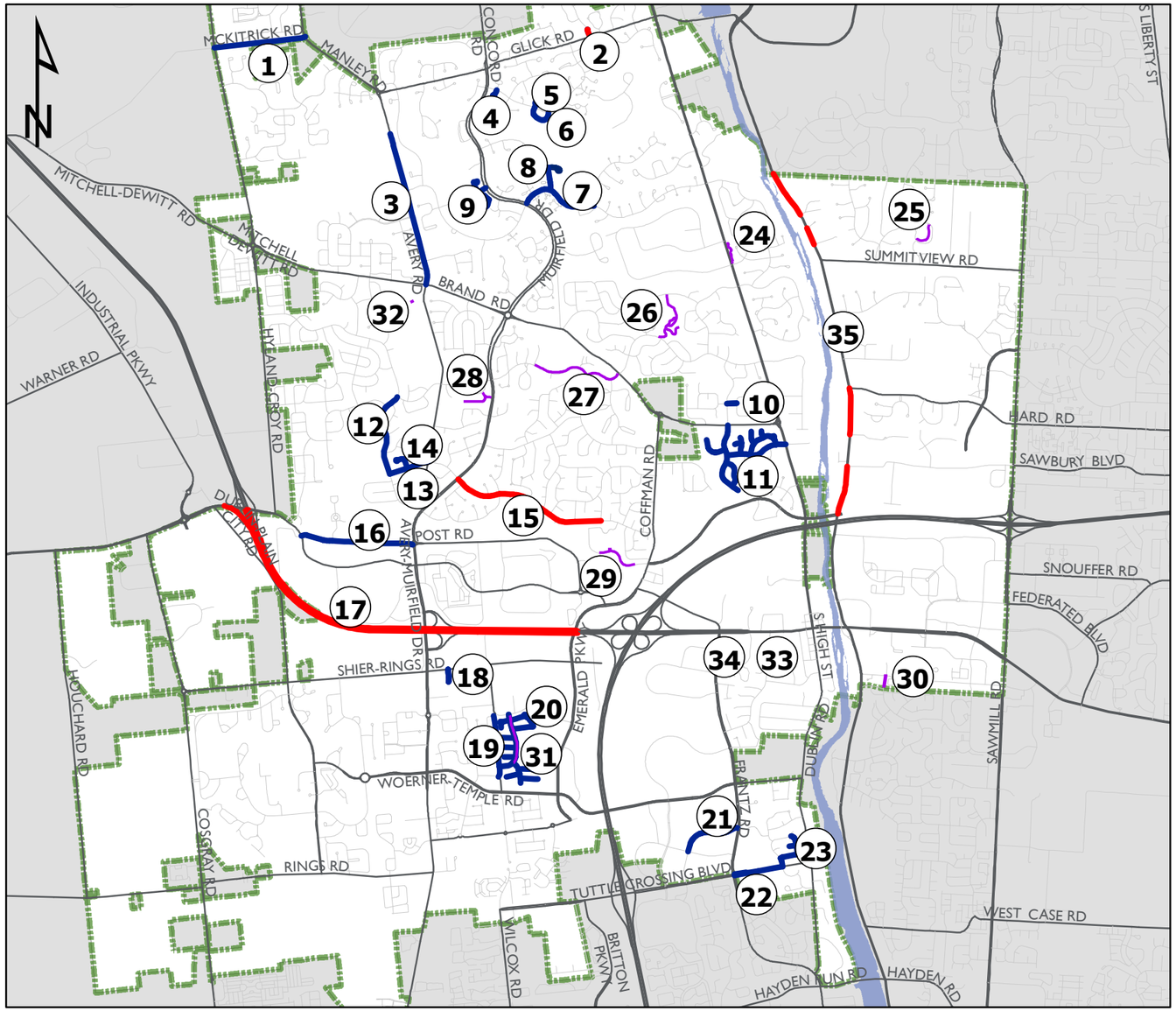
Signed: _____ **Date:** _____

Company: _____

* * * End of Sheet 3 * * *

2014 STREET MAINTENANCE PROGRAM

City of Dublin



Map No.	Location	Sheet Numbers
1	McKitrick Road	1-6
2	Din Eidyn Drive (Patch)	7
3	Avery Road	8-23
4	Turin Hill Court S.	24
5	Gailes Court	25
6	Kilbannan Court	26-27
7	Memorial Drive	28-31
8	Kinrosss Court	32
8	Leven Links Court E. and W.	32 A
9	Kentigern Place Drive	33-36
9	Kentigern Court N.	33-36
9	Kentigern Court S.	33-36
9	Greenside Drive	33-36
10	Crosshaven Lane	37
11	Coventry Woods Drive	38-59
11	Coventry Woods Court	38-59
11	Chatelaine Drive	38-59
11	Chaddington Drive	38-59
11	Roycroft Court	38-59
11	Penneyroyal Place	38-59
11	Rosegate Place	38-59
11	Rosegate Court	38-59
11	Winchell Court	38-59
12	Tullymore Drive	60-70
13	Wexford Woods Drive	71-74
14	Wellington Court	71-74
15	Tara Hill Drive	75-82
16	Post Road	83-93
17	US 33 / SR 161	95-100

Map No.	Location	Sheet Numbers
18	Scherers Place	101
19	Wilcox Road	102-108
20	Heather Glen Blvd.	109-125
20	Scotsman Court	109-125
20	Heather Glen Court	109-125
20	Northcliff Blvd.	109-125
20	Ashleylynn Court	109-125
20	Haddington Shire Lane	109-125
20	Oldenburgh Way	109-125
20	Haddler Drive	109-125
20	Haddler Court	109-125
20	Gaelic Court	109-125
20	Scotia Court	109-125
21	Bradenton Avenue	126-131
22	Tuttle Road	132-136
23	Belfield Drive	137-141
23	Bridle Path Lane	137-141
23	Bridle Path Court	137-141
24	Amberleigh Bikepath	142
25	Borge Way Bikepath	143
26	Brandon Park	144-145
27	Dublinshire Drive Bikepath	146-147
28	Dublinshire Greenspace Bikepath	148
29	Coffman Park Drive Bikepath	149-150
30	Martin Rd. Bikepath Connection	151 (Removed)
31	Heather Glen Park Bikepath	109-112
32	Avery Road Park Parking Lot	152-154
33	Old Town Center / Franklin Street Parking Lot	155-156
34	48 Corbins Mill Drive - Drive	157
35	Riverside Drive / SR 257	158-162

LEGEND

- Bikeway Maintenance and Connections
- Roadway Spot Repair Areas
- Roadway Construction and Paving

Date: 4/18/2014

CITY OF DUBLIN PROJECT NO. 14-001-CIP

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	1-6	7	8-23	24	25	26-27	28-31	32	32A	32A	33-36				37	38-59			
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	McKITRICK ROAD	DIN EIDYN DR	AVERY RD	TURIN HILL CT S	GAILES CT	KILBANNAN CT	MEMORIAL DR	KINROSS CT	LEVEN LINKS COURT W	LEVEN LINKS COURT E	KENTIGERN PLACE DR	KENTIGERN CT N	KENTIGERN CT S	GREENSIDE DR	CROSSHAVEN LN	COVENTRY WOODS DR	COVENTRY WOODS CT	CHATELAINE DR	CHADDINGTON DR
		Excavation and Removal																				
1	201	Clearing & Grubbing (SY)	0.0																			
2	202	Bike Path Removed and Disposed of (SY)	7,565.0				4												55			
3	202	Concrete Removed & Disposed of, A.P.P. (SY)	1,933.9			7.2			18									24	31		101.5	59
4	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	34,586.5			285	750	615	1875			147	170	340	145	305	1061	50	2825	1100	1400	1600
5	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	1,030.0																			
6	202	Pavement Removed & Disposed of, A.P.P. (SY)	974.0																			
7	202	Asphalt Drive Pavement Removed and Disposed of, A.P.P. (SY)	125.0																			
8	202	Remove and Dispose of Abandoned MH Section, (LS)	0.0																			
9	201	Tree & Stump Removal, 4-12" Caliper (EA)	1.0																			
		Pavement and Related																				
10	203*	Embankment (CY)	30.0	30																		
11	203*	Excavation, A.P.P. (CY)	2,343.0	10					8													
12	204*	Excavation, Roadway Undercut, A.P.P. (CY)	700.0																			
13	204*	No. 2 Stone (703) (CY)	500.0																			
14	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	496.0																			
15	204*	Subgrade Compaction (SY)	0.0																			
16	251*	Asphalt Surface Patch - 1.5" (SY)	14.0																			
17	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	210.5																			
18	251*	Asphalt Surface Patch - Roadway, 1.5" (SY)	2,178.0		379																	
19	251*	Partial Depth Pavement Repair - Driveway, 4" (SY)	40.5					12	25													
20	251*	Partial Depth Pavement Repair -Pavement Joint and Surface Repair, 1.5" (SY)	7,107.0																			
21	251*	Partial Depth Pavement Repair, 3" A.P.P. (SY)	2,780.0																			
22	251*	Partial Depth Pavement Repair, 6" A.P.P. (SY)	1,200.0																			
23	253*	Pavement Repair, 3" A.P.P. (SY)	170.0																			
24	253*	Pavement Repair, 4.5" A.P.P. (SY)	2,147.0																			
25	253*	Pavement Repair, 6" A.P.P. (SY)	1,939.0			1200																
26	254*	Pavement Planing (Aggregate Base), 3-3.5" A.P.P. (SY)	2,116.0						2116													
27	254*	Pavement Planing, 1.5", A.P.P.(SY)	52,705.0	242		1660				7864	1816	227	145					1048				
28	254*	Pavement Planing, 2", A.P.P.(SY)	13,403.0			13403																
29	254*	Pavement Planing, 2.5",A.P.P. (SY)	2,116.0						2116													
30	254*	Pavement Planing, 3",A.P.P. (SY)	66,178.0											575	727	1366	2156		8604	2244	3875	6344
31	254*	Pavement Planing, 4.5",A.P.P. (SY)	7,094.0				942	770				390	1202									
32	254*	Pavement Planing, 5",A.P.P. (SY)	1,657.0																			
33	254*	Pavement Planing, 6", A.P.P.(SY)	6,825.0	6825																		
34	301*	(Bikepath) Bituminous Aggregate Base (TN)	768.0																			
35	301*	Bituminous Aggregate Base (TN)	3,297.0	1400			158	132	355			66	200									
36	304*	Aggregate Base (CY)	1,080.3	10.3					5													
37	407*	NTSS-1HM TracklessTack Coat (Gal)	22,718.0	1236		2500	90	70	320	780	180	66	134	75	125	238	375	104	1496	394	665	1100
38	407*	Tack Coat (Gal)	553.0																			
39	411*	Aggregate (CY),	60.0																			
40	448*	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	1,100.1	5			1												8			
41	448*	(Parking Lot) Asphalt Concrete Surface Course, Type-1 PG64-22, MT (TN)	900.0																			
42	448*	Asphaltic Concrete Intermediate Course, Type-2 PG64-22, MT (TN)	9,436.0	690		1320			207					56	70	135	210		840	225	380	620
43	448*	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	13,042.0	620		1260	80	66	176	760	170	62	130	50	61	116	180	90	715	190	330	530

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	1-6	7	8-23	24	25	26-27	28-31	32	32A	32A	33-36				37	38-59			
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	McKITRICK ROAD	DIN EIDYN DR	AVERY RD	TURIN HILL CT S	GAILES CT	KILBANNAN CT	MEMORIAL DR	KINROSS CT	LEVEN LINKS COURT W	LEVEN LINKS COURT E	KENTIGERN PLACE DR	KENTIGERN CT N	KENTIGERN CT S	GREENSIDE DR	CROSSHAVEN LN	COVENTRY WOODS DR	COVENTRY WOODS CT	CHATELAINE DR	CHADDINGTON DR
44	604	Structure- Adjust, MH Pavement Ring, (EA)	5.0																			
45	604	Adjust Manhole Casting - W/O Ring (EA)	5.0																			
46	617*	Recondition Shoulders, A.P.P. (SY)	1,283.0																			
47	605	Curb Underdrain, 4" Pipe (LF)	450.0																			
48	802	Valve Box - Adjust to Grade (EA)	4.0																			
49	Special	Asphalt Rejuvenating Agent (SY)	93,976.0				942	770	2116		1816	1852	1347	575	727	1366	2156		8604	2244	3875	6344
50	Special	Full Depth Stabilization (Cement Stab.)- 12" Depth (SY)	8,807.0	7150																		
51	Special	Polymer Modified Asphalt Expansion Joint (LF)	80.0			80																
52	Special	Portland Cement Additive (TN)	239.0	194																		
53	Special	Remove and Reset Parking Block (EA)	64.0																			
54	Special	Seminol Speed Hump, 22Ft. (SF)	1,122.0																			
		Concrete and Concrete Structures																				
55	452	10" Plain PCC Pavement, (SY)	67.0						20													
56	452	4" Conc. Base (SY)	222.0																			
57	452	8" Plain PCC Pavement (SY)	22.0																			
58	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	12,495.0															180	260		720	360
59	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,504.0																			
60	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	4,273.0	185														40	97		170	85
61	608	Paver Walk Remove & Relay, Type 1, A.P.P. (SF)	120.0																			
62	609	Combination Curb/Gutter, A.P.P. (LF)	34,344.5			285	610	445	1875			147	170	340	145	305	1061	50	2825	1100	1400	1600
63	609*	Curb, ODOT Type 6, AP.P.(LF)	1,991.0				140	170														
64	618	Drain Leader Pipe (LF)	125.0																			
65	Special	Curb Can Holes (Ea)	674.0				10	12	30					3	4	11	24		44	20	25	25
66	Special	Detectable Warning Panel (SF)	1,120.0	32														8	24		32	48
		Pavement Marking*																				
67	621	RPM, TWO WAY, WHITE, (EA)	130.0																			
68	621	RPM, TWO WAY, YELLOW, (EA)	8.0																			
69	621	RPM's REMOVED, (EA)	138.0																			
70	642	Parking Lot Striping, 4", (LF)	5,780.0																			
71	644	24" Transverse, (LF)	865.0			375																
72	644	4" Edge Line (white), (Mile)	7.55	1.12		2				1												
73	644	4" Edge Line (Yellow), (Mile)	0.2			0.01																
74	644	4" Lane Line (white), (Mile)	1.5																			
75	644	Bullnose (EA)	3.0			1																
76	644	Center Line- Double-(Yellow, Solid or Dashed), (Mile)	4.1	0.56		1.21				0.5												
77	644	Channelizing Line, 8" (LF)	1,499.0			454																
78	644	Crosswalk Line, 12" (LF)	3,452.0																85	140	140	180
79	644	Lane Arrow, 72" (EA)	19.0			6																
80	644	Parking Line Markings 4" (LF)	466.0																			
81	644	School Symbol (EA)	2.0			1																
82	644	Stop Bar, 24" (LF)	816.0		28	126				15	11								17	32	24	30

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	1-6	7	8-23	24	25	26-27	28-31	32	32A	32A	33-36				37	38-59			
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	McKITRICK ROAD	DIN EIDYN DR	AVERY RD	TURIN HILL CT S	GAILES CT	KILBANNAN CT	MEMORIAL DR	KINROSS CT	LEVEN LINKS COURT W	LEVEN LINKS COURT E	KENTIGERN PLACE DR	KENTIGERN CT N	KENTIGERN CT S	GREENSIDE DR	CROSSHAVEN LN	COVENTRY WOODS DR	COVENTRY WOODS CT	CHATELAINE DR	CHADDINGTON DR
83	647	Chevron Speed Hump Marking (EA)	4.0																			
		Storm Sewer and Structures																				
84	604	Structure- Adjust Inlet , A.P.P. (EA)	106.0				2	2	4					3		3	3		12	1	7	11
85	604	Structure- Reconstruct/Adjust CB/Inlet, A.P.P. (EA)	6.0			1																
86	604	Structure, Catch Basin, Type AA-S133, (EA)	2.0																			
87	605	Underdrain, 4" Pipe, A.P.P. (LF)	325.0																			
88	901	12" ADS Flared End Section w/ Adapter, (EA)	2.0	2																		
89	901	12" RCP Storm Sewer Pipe, C-76, CL-V, w/ type-1 bed, (LF)	234.0	24																		
90	901	Blind Tap Storm (EA)	1.0																			
		Landscaping and Restoration																				
91	653	Pulverized Topsoil, A.P.P. (CY)	1,946.0	50		100	22	30	90					10	5	12	46	5	102	30	64	54
92	659	Vegetation (Seed/Mulch), A.P.P., (SY)	9,045.0	600		1500		115	330									18	20		47	24
93	Special	Provide/Install Modular Paver on Bitum Bed (SF)	1,994.0																			
		Electrical																				
94	632	Detector Loop- A.P.P. (EA)	2.0																			
		Maintenance of Traffic / Miscellaneous Items																				
95	614	Flagger- [Dedicated Flagger] (HR)	248.0			128																
96	614	LEO w/ Patrol Car (HR)	160.0																			
97	614	Maintaining Traffic, (McKitrick Road), (LS)	1.0	1																		
98	614	Maintaining Traffic (US 33), (LS)	1.0																			
99	614	Portable Message Board, (EA)	8.0	4																		
100	614*	Work Zone Striping, Arrow, Class 1, 642 Paint (EA)	6.0			6																
101	614*	Work Zone Striping, Channelizing Line, Class 1, 642 Paint (LF)	454.0			454																
102	614*	Work Zone Striping, Double Centerline, Class 1, 642 Paint (Mile)	1.2			1.21																
103	614*	Work Zone Striping, Edge Line, Class 1, 642 Paint (Mile)	2.0			2																
104	614*	Work Zone Striping, Stop Bar, Class 1, 642 Paint (EA)	24.0			24																
105	623	Construction Layout Staking - (McKitrick Road), (LS)	1.0	1																		
106	623	Construction Layout Staking- (US 33) (LS)	1.0																			
107	624	Mobilization - Undercut/Base Repair (EA)	3.0																			
108	624	Mobilization (US 33), (LS)	1.0																			
109	253*	Pavement Repair, 9" A.P.P. (SY)	737.0																			

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	38-59					60-70	71-74		75-82	83-93	95-100	101	102-108	109-125					
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	ROYCROFT CT	PENNEYROYAL PL	ROSEGATE PL	ROSEGATE CT	WINCHELL CT	TULLYMORE DR	WEXFORD WOODS DR	WELLINGTON CT	TARA HILL DR - PAVEMENT PATCHING	POST RD	US 33 / SR 161 - PAVEMENT PATCHING	SCHERERS PL	WILCOX RD	HEATHER GLEN BL	HEATHERGLEN PARK - BIKEPATH	SCOTSMAN CT	HEATHER GLEN CT	NORTHCLIFF BL	ASHLEYLYNN CT
		Excavation and Removal																				
1	201	Clearing & Grubbing (SY)	0.0																			
2	202	Bike Path Removed and Disposed of (SY)	7,565.0					29								51		1252				
3	202	Concrete Removed & Disposed of, A.P.P. (SY)	1,933.9	45	41	46.5	46	48	542		51					50.5			60.1	51.1		54
4	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	34,586.5	290	700	1050	226	1530	4142	1500	1280					129	1450		560	630	525	570
5	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	1,030.0																			
6	202	Pavement Removed & Disposed of, A.P.P. (SY)	974.0						581							393						
7	202	Asphalt Drive Pavement Removed and Disposed of, A.P.P. (SY)	125.0						125													
8	202	Remove and Dispose of Abandoned MH Section, (LS)	0.0																			
9	201	Tree & Stump Removal, 4-12" Caliper (EA)	1.0																			
		Pavement and Related																				
10	203*	Embankment (CY)	30.0																			
11	203*	Excavation, A.P.P. (CY)	2,343.0						5							24						
12	204*	Excavation, Roadway Undercut, A.P.P. (CY)	700.0																			
13	204*	No. 2 Stone (703) (CY)	500.0																			
14	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	496.0																			
15	204*	Subgrade Compaction (SY)	0.0																			
16	251*	Asphalt Surface Patch - 1.5" (SY)	14.0																			
17	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	210.5																			
18	251*	Asphalt Surface Patch - Roadway, 1.5" (SY)	2,178.0											1799								
19	251*	Partial Depth Pavement Repair - Driveway, 4" (SY)	40.5						3.5													
20	251*	Partial Depth Pavement Repair -Pavement Joint and Surface Repair, 1.5" (SY)	7,107.0											7107								
21	251*	Partial Depth Pavement Repair, 3" A.P.P. (SY)	2,780.0											2595								
22	251*	Partial Depth Pavement Repair, 6" A.P.P. (SY)	1,200.0											1200								
23	253*	Pavement Repair, 3" A.P.P. (SY)	170.0																			
24	253*	Pavement Repair, 4.5" A.P.P. (SY)	2,147.0									1732										
25	253*	Pavement Repair, 6" A.P.P. (SY)	1,939.0																			
26	254*	Pavement Planing (Aggregate Base), 3-3.5" A.P.P. (SY)	2,116.0																			
27	254*	Pavement Planing, 1.5", A.P.P.(SY)	52,705.0	939	1400	1820	912		1714				9290			5070	4165		1518		1925	
28	254*	Pavement Planing, 2", A.P.P.(SY)	13,403.0																			
29	254*	Pavement Planing, 2.5",A.P.P. (SY)	2,116.0																			
30	254*	Pavement Planing, 3",A.P.P. (SY)	66,178.0					2542	10440	3920	1748						3772			1167		1720
31	254*	Pavement Planing, 4.5",A.P.P. (SY)	7,094.0																			
32	254*	Pavement Planing, 5",A.P.P. (SY)	1,657.0												1657							
33	254*	Pavement Planing, 6", A.P.P.(SY)	6,825.0																			
34	301*	(Bikepath) Bituminous Aggregate Base (TN)	768.0																			
35	301*	Bituminous Aggregate Base (TN)	3,297.0												348							
36	304*	Aggregate Base (CY)	1,080.3						41							6		20				
37	407*	NTSS-1HM TracklessTack Coat (Gal)	22,718.0	94	140	182	91	440	1971	680	140		930			930	1071		150	204	192	300
38	407*	Tack Coat (Gal)	553.0																			
39	411*	Aggregate (CY),	60.0										60									
40	448*	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	1,100.1					0.2								5		211				
41	448*	(Parking Lot) Asphalt Concrete Surface Course, Type-1 PG64-22, MT (TN)	900.0																			
42	448*	Asphaltic Concrete Intermediate Course, Type-2 PG64-22, MT (TN)	9,436.0					250	1018	385	171					520	372			114		170
43	448*	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	13,042.0	80	120	155	80	213	1015	330	155		900		140	445	665		130	98	165	146

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	38-59					60-70	71-74		75-82	83-93	95-100	101	102-108	109-125					
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	ROYCROFT CT	PENNEYROYAL PL	ROSEGATE PL	ROSEGATE CT	WINCHELL CT	TULLYMORE DR	WEXFORD WOODS DR	WELLINGTON CT	TARA HILL DR - PAVEMENT PATCHING	POST RD	US 33 / SR 161 - PAVEMENT PATCHING	SCHERERS PL	WILCOX RD	HEATHER GLEN BL	HEATHERGLEN PARK - BIKEPATH	SCOTSMAN CT	HEATHER GLEN CT	NORTHCLIFF BL	ASHLEYLYNN CT
44	604	Structure- Adjust, MH Pavement Ring, (EA)	5.0																			
45	604	Adjust Manhole Casting - W/O Ring (EA)	5.0																			
46	617*	Recondition Shoulders, A.P.P. (SY)	1,283.0										1283									
47	605	Curb Underdrain, 4" Pipe (LF)	450.0						450													
48	802	Valve Box - Adjust to Grade (EA)	4.0																			
49	Special	Asphalt Rejuvenating Agent (SY)	93,976.0	939	1400	1820	912	2542	12154	3920	1748				1657		7937		1518	1167	1925	1720
50	Special	Full Depth Stabilization (Cement Stab.)- 12" Depth (SY)	8,807.0												1657							
51	Special	Polymer Modified Asphalt Expansion Joint (LF)	80.0																			
52	Special	Portland Cement Additive (TN)	239.0												45							
53	Special	Remove and Reset Parking Block (EA)	64.0																			
54	Special	Seminol Speed Hump, 22Ft. (SF)	1,122.0																			
		Concrete and Concrete Structures																				
55	452	10" Plain PCC Pavement, (SY)	67.0						14													
56	452	4" Conc. Base (SY)	222.0						222													
57	452	8" Plain PCC Pavement (SY)	22.0																			22
58	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	12,495.0	310	300	312	340	150	3615		384					1150			340	320		310
59	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,504.0																			
60	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	4,273.0	85	85	85	85	85	883		80					500			98	60		80
61	608	Paver Walk Remove & Relay, Type 1, A.P.P. (SF)	120.0																			
62	609	Combination Curb/Gutter, A.P.P. (LF)	34,344.5	290	700	1050	140	1530	4082	1500	1160					540.5	1450		560	630	525	570
63	609*	Curb, ODOT Type 6, AP.P.(LF)	1,991.0						511		120											
64	618	Drain Leader Pipe (LF)	125.0																			
65	Special	Curb Can Holes (Ea)	674.0	8	15	16	8	30	65	30	24						21		18	25	14	14
66	Special	Detectable Warning Panel (SF)	1,120.0	16	16	16	16	24	208		16					104			24	24		16
		Pavement Marking*																				
67	621	RPM, TWO WAY, WHITE, (EA)	130.0											130								
68	621	RPM, TWO WAY, YELLOW, (EA)	8.0											8								
69	621	RPM's REMOVED, (EA)	138.0											138								
70	642	Parking Lot Striping, 4", (LF)	5,780.0																			
71	644	24" Transverse, (LF)	865.0										140			60						
72	644	4" Edge Line (white), (Mile)	7.55										1.27	1.076		0.7						
73	644	4" Edge Line (Yellow), (Mile)	0.2											0.118								
74	644	4" Lane Line (white), (Mile)	1.5											1.195								
75	644	Bullnose (EA)	3.0																			
76	644	Center Line- Double-(Yellow, Solid or Dashed), (Mile)	4.1										0.8			0.41						
77	644	Channelizing Line, 8" (LF)	1,499.0										340									
78	644	Crosswalk Line, 12" (LF)	3,452.0	70	70	70		70	580	130	60		40			490			160	200	170	75
79	644	Lane Arrow, 72" (EA)	19.0										3									
80	644	Parking Line Markings 4" (LF)	466.0														466					
81	644	School Symbol (EA)	2.0																			
82	644	Stop Bar, 24" (LF)	816.0		12	12		14	72	52	11		24			90			16	16	35	16

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	38-59					60-70	71-74		75-82	83-93	95-100	101	102-108	109-125					
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	ROYCROFT CT	PENNEYROYAL PL	ROSEGATE PL	ROSEGATE CT	WINCHELL CT	TULLYMORE DR	WEXFORD WOODS DR	WELLINGTON CT	TARA HILL DR - PAVEMENT PATCHING	POST RD	US 33 / SR 161 - PAVEMENT PATCHING	SCHERERS PL	WILCOX RD	HEATHER GLEN BL	HEATHERGLEN PARK - BIKEPATH	SCOTSMAN CT	HEATHER GLEN CT	NORTHCLIFF BL	ASHLEYLYNN CT
83	647	Chevron Speed Hump Marking (EA)	4.0																			
		Storm Sewer and Structures																				
84	604	Structure- Adjust Inlet , A.P.P. (EA)	106.0			2	1	2	10	3	3						10					
85	604	Structure- Reconstruct/Adjust CB/Inlet, A.P.P. (EA)	6.0																			
86	604	Structure, Catch Basin, Type AA-S133, (EA)	2.0																			
87	605	Underdrain, 4" Pipe, A.P.P. (LF)	325.0																			
88	901	12" ADS Flared End Section w/ Adapter, (EA)	2.0																			
89	901	12" RCP Storm Sewer Pipe, C-76, CL-V, w/ type-1 bed, (LF)	234.0																			
90	901	Blind Tap Storm (EA)	1.0																			
		Landscaping and Restoration																				
91	653	Pulverized Topsoil, A.P.P. (CY)	1,946.0	18	32	41	14	48	174	46	43		30			75	45	50	14	19	14	18
92	659	Vegetation (Seed/Mulch), A.P.P., (SY)	9,045.0	17	18	21	18	21	222		22		1283			860		600	16	18		18
93	Special	Provide/Install Modular Paver on Bitum Bed (SF)	1,994.0						1994													
		Electrical																				
94	632	Detector Loop- A.P.P. (EA)	2.0																			
		Maintenance of Traffic / Miscellaneous Items																				
95	614	Flagger- [Dedicated Flagger] (HR)	248.0																			
96	614	LEO w/ Patrol Car (HR)	160.0											100								
97	614	Maintaining Traffic, (McKitrick Road), (LS)	1.0																			
98	614	Maintaining Traffic (US 33), (LS)	1.0											1								
99	614	Portable Message Board, (EA)	8.0											4								
100	614*	Work Zone Striping, Arrow, Class 1, 642 Paint (EA)	6.0																			
101	614*	Work Zone Striping, Channelizing Line, Class 1, 642 Paint (LF)	454.0																			
102	614*	Work Zone Striping, Double Centerline, Class 1, 642 Paint (Mile)	1.2																			
103	614*	Work Zone Striping, Edge Line, Class 1, 642 Paint (Mile)	2.0																			
104	614*	Work Zone Striping, Stop Bar, Class 1, 642 Paint (EA)	24.0																			
105	623	Construction Layout Staking - (McKitrick Road), (LS)	1.0																			
106	623	Construction Layout Staking- (US 33) (LS)	1.0											1								
107	624	Mobilization - Undercut/Base Repair (EA)	3.0																			
108	624	Mobilization (US 33), (LS)	1.0											1								
109	253*	Pavement Repair, 9" A.P.P. (SY)	737.0																			

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	109-125						126-131	132-136	137-141			142	143	144-145	146-147	148	149-150	151	152-154	155-156
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	HADDINGTONSHIRE LN	OLDENBURGH WY	HADDLER DR	HADDLER CT	GAELIC CT	SCOTIA CT	BRADENTON AVE	TUTTLE RD	BELFIELD DR	BRIDLE PATH LN	BRIDLE PATH CT	AMBERLEIGH - BIKEPATH	BORGE WY - BIKEPATH	BRANDON PARK - BIKEPATH	DUBLINSHIRE DR - BIKEPATH	DUBLINSHIRE GREENSPACE - BIKEPATH	COFFMAN PARK DR - BIKEPATH	MARTIN ROAD - BIKEPATH CONNECTION	AVERY ROAD PARK - PARKING LOT	OLD TOWN CNENTER / FRANKLIN ST PARKING LOT
		Excavation and Removal																					
1	201	Clearing & Grubbing (SY)	0.0																				
2	202	Bike Path Removed and Disposed of (SY)	7,565.0	37	18	31									578	75	2585	1428	300	1122			
3	202	Concrete Removed & Disposed of, A.P.P. (SY)	1,933.9	41	42.5	55.5	53	55	46			65	49	53					12				
4	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	34,586.5	970	992.5	920	642	985	900			365	825	160					15	20			
5	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	1,030.0																			1030	
6	202	Pavement Removed & Disposed of, A.P.P. (SY)	974.0																				
7	202	Asphalt Drive Pavement Removed and Disposed of, A.P.P. (SY)	125.0																				
8	202	Remove and Dispose of Abandoned MH Section, (LS)	0.0																				
9	201	Tree & Stump Removal, 4-12" Caliper (EA)	1.0										1										
		Pavement and Related																					
10	203*	Embankment (CY)	30.0																				
11	203*	Excavation, A.P.P. (CY)	2,343.0												50	28	1783			400		35	
12	204*	Excavation, Roadway Undercut, A.P.P. (CY)	700.0																				
13	204*	No. 2 Stone (703) (CY)	500.0																				
14	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	496.0												30	18	448						
15	204*	Subgrade Compaction (SY)	0.0																				
16	251*	Asphalt Surface Patch - 1.5" (SY)	14.0																				14
17	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	210.5																3.5				
18	251*	Asphalt Surface Patch - Roadway, 1.5" (SY)	2,178.0																				
19	251*	Partial Depth Pavement Repair - Driveway, 4" (SY)	40.5																				
20	251*	Partial Depth Pavement Repair -Pavement Joint and Surface Repair, 1.5" (SY)	7,107.0																				
21	251*	Partial Depth Pavement Repair, 3" A.P.P. (SY)	2,780.0																				185
22	251*	Partial Depth Pavement Repair, 6" A.P.P. (SY)	1,200.0																				
23	253*	Pavement Repair, 3" A.P.P. (SY)	170.0																			170	
24	253*	Pavement Repair, 4.5" A.P.P. (SY)	2,147.0																			415	
25	253*	Pavement Repair, 6" A.P.P. (SY)	1,939.0								250												489
26	254*	Pavement Planing (Aggregate Base), 3-3.5" A.P.P. (SY)	2,116.0																				
27	254*	Pavement Planing, 1.5", A.P.P.(SY)	52,705.0			1148	1730		2267		5029	136	640										
28	254*	Pavement Planing, 2", A.P.P.(SY)	13,403.0																				
29	254*	Pavement Planing, 2.5",A.P.P. (SY)	2,116.0																				
30	254*	Pavement Planing, 3",A.P.P. (SY)	66,178.0	2846	1975	1229		2122		6806													
31	254*	Pavement Planing, 4.5",A.P.P. (SY)	7,094.0									744	2181	865									
32	254*	Pavement Planing, 5",A.P.P. (SY)	1,657.0																				
33	254*	Pavement Planing, 6", A.P.P.(SY)	6,825.0																				
34	301*	(Bikepath) Bituminous Aggregate Base (TN)	768.0														495		50	223			
35	301*	Bituminous Aggregate Base (TN)	3,297.0									123	370	145									
36	304*	Aggregate Base (CY)	1,080.3												20	14	494	15	8	230		17	
37	407*	NTSS-1HM TracklessTack Coat (Gal)	22,718.0	520	360	230	173	370	220	1192	700	90	274	80								1046	
38	407*	Tack Coat (Gal)	553.0														225	63	145	120			
39	411*	Aggregate (CY),	60.0																				
40	448*	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	1,100.1	2.6	5.3	5									102	14	233	200	170	120		18	
41	448*	(Parking Lot) Asphalt Concrete Surface Course, Type-1 PG64-22, MT (TN)	900.0																			900	
42	448*	Asphaltic Concrete Intermediate Course, Type-2 PG64-22, MT (TN)	9,436.0	280	200	120		210		665	208												
43	448*	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	13,042.0	240	165	200	155	180	192	572	480	86	265	84									

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	109-125						126-131	132-136	137-141			142	143	144-145	146-147	148	149-150	151	152-154	155-156
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	HADDINGTONSHIRE LN	OLDENBURGH WY	HADDLER DR	HADDLER CT	GAELIC CT	SCOTIA CT	BRADENTON AVE	TUTTLE RD	BELFIELD DR	BRIDLE PATH LN	BRIDLE PATH CT	AMBERLEIGH - BIKEPATH	BORGE WY - BIKEPATH	BRANDON PARK - BIKEPATH	DUBLINSHIRE DR - BIKEPATH	DUBLINSHIRE GREENSPACE - BIKEPATH	COFFMAN PARK DR - BIKEPATH	MARTIN ROAD - BIKEPATH CONNECTION	AVERY ROAD PARK - PARKING LOT	OLD TOWN CNENTER / FRANKLIN ST PARKING LOT
44	604	Structure- Adjust, MH Pavement Ring, (EA)	5.0																				
45	604	Adjust Manhole Casting - W/O Ring (EA)	5.0																				
46	617*	Recondition Shoulders, A.P.P. (SY)	1,283.0																				
47	605	Curb Underdrain, 4" Pipe (LF)	450.0																				
48	802	Valve Box - Adjust to Grade (EA)	4.0																				
49	Special	Asphalt Rejuvenating Agent (SY)	93,976.0	2846	1975	2377	1730	2122	2267			880	2821	865									
50	Special	Full Depth Stabilization (Cement Stab.)- 12" Depth (SY)	8,807.0																				
51	Special	Polymer Modified Asphalt Expansion Joint (LF)	80.0																				
52	Special	Portland Cement Additive (TN)	239.0																				
53	Special	Remove and Reset Parking Block (EA)	64.0																			64	
54	Special	Seminol Speed Hump, 22Ft. (SF)	1,122.0								1122												
		Concrete and Concrete Structures																					
55	452	10" Plain PCC Pavement, (SY)	67.0																	33			
56	452	4" Conc. Base (SY)	222.0																				
57	452	8" Plain PCC Pavement (SY)	22.0																				
58	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	12,495.0	300	280	380	344	320	312			464	474	368					34				
59	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,504.0															204					
60	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	4,273.0	140	144	144	80	80	80			120	120	80				510	72				
61	608	Paver Walk Remove & Relay, Type 1, A.P.P. (SF)	120.0																120				
62	609	Combination Curb/Gutter, A.P.P. (LF)	34,344.5	970	950	920	642	985	900			365	825	160									
63	609*	Curb, ODOT Type 6, AP.P.(LF)	1,991.0																	20		1030	
64	618	Drain Leader Pipe (LF)	125.0																				
65	Special	Curb Can Holes (Ea)	674.0	26	26	12	22	36	30			8	15	3									
66	Special	Detectable Warning Panel (SF)	1,120.0	32	32	32	16	16	16	32		24	24	16	32			208	16				
		Pavement Marking*																					
67	621	RPM, TWO WAY, WHITE, (EA)	130.0																				
68	621	RPM, TWO WAY, YELLOW, (EA)	8.0																				
69	621	RPM's REMOVED, (EA)	138.0																				
70	642	Parking Lot Striping, 4", (LF)	5,780.0																			5780	
71	644	24" Transverse, (LF)	865.0							50	240												
72	644	4" Edge Line (white), (Mile)	7.55								0.38												
73	644	4" Edge Line (Yellow), (Mile)	0.2								0.12												
74	644	4" Lane Line (white), (Mile)	1.5																				
75	644	Bullnose (EA)	3.0								2												
76	644	Center Line- Double-(Yellow, Solid or Dashed), (Mile)	4.1							0.4	0.24												
77	644	Channelizing Line, 8" (LF)	1,499.0							175	530												
78	644	Crosswalk Line, 12" (LF)	3,452.0	75	75	72	70	70	70		220			70									
79	644	Lane Arrow, 72" (EA)	19.0							5	5												
80	644	Parking Line Markings 4" (LF)	466.0																				
81	644	School Symbol (EA)	2.0								1												
82	644	Stop Bar, 24" (LF)	816.0	16	16	14	14	14	12	42	24			11									

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	109-125						126-131	132-136	137-141			142	143	144-145	146-147	148	149-150	151	152-154	155-156
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	HADDINGTONSHIRE LN	OLDENBURGH WY	HADDLER DR	HADDLER CT	GAELIC CT	SCOTIA CT	BRADENTON AVE	TUTTLE RD	BELFIELD DR	BRIDLE PATH LN	BRIDLE PATH CT	AMBERLEIGH - BIKEPATH	BORGE WY - BIKEPATH	BRANDON PARK - BIKEPATH	DUBLINSHIRE DR - BIKEPATH	DUBLINSHIRE GREENSPACE - BIKEPATH	COFFMAN PARK DR - BIKEPATH	MARTIN ROAD - BIKEPATH CONNECTION	AVERY ROAD PARK - PARKING LOT	OLD TOWN CNENTER / FRANKLIN ST PARKING LOT
83	647	Chevron Speed Hump Marking (EA)	4.0								4												
		Storm Sewer and Structures																					
84	604	Structure- Adjust Inlet , A.P.P. (EA)	106.0	6		5	1	3	2			2	7	1									
85	604	Structure- Reconstruct/Adjust CB/Inlet, A.P.P. (EA)	6.0																				
86	604	Structure, Catch Basin, Type AA-S133, (EA)	2.0																			2	
87	605	Underdrain, 4" Pipe, A.P.P. (LF)	325.0																			325	
88	901	12" ADS Flared End Section w/ Adapter, (EA)	2.0																				
89	901	12" RCP Storm Sewer Pipe, C-76, CL-V, w/ type-1 bed, (LF)	234.0																			210	
90	901	Blind Tap Storm (EA)	1.0																			1	
		Landscaping and Restoration																					
91	653	Pulverized Topsoil, A.P.P. (CY)	1,946.0	28	22	27	27	28	25		30	8	25	10	30	7	57	45	30	30		12	
92	659	Vegetation (Seed/Mulch), A.P.P., (SY)	9,045.0	24	22	20	22	18	20		300	16	40	18	220	30	635	650	325	250		32	
93	Special	Provide/Install Modular Paver on Bitum Bed (SF)	1,994.0																				
		Electrical																					
94	632	Detector Loop- A.P.P. (EA)	2.0								2												
		Maintenance of Traffic / Miscellaneous Items																					
95	614	Flagger- [Dedicated Flagger] (HR)	248.0																				
96	614	LEO w/ Patrol Car (HR)	160.0																				
97	614	Maintaining Traffic, (McKitrick Road), (LS)	1.0																				
98	614	Maintaining Traffic (US 33), (LS)	1.0																				
99	614	Portable Message Board, (EA)	8.0																				
100	614*	Work Zone Striping, Arrow, Class 1, 642 Paint (EA)	6.0																				
101	614*	Work Zone Striping, Channelizing Line, Class 1, 642 Paint (LF)	454.0																				
102	614*	Work Zone Striping, Double Centerline, Class 1, 642 Paint (Mile)	1.2																				
103	614*	Work Zone Striping, Edge Line, Class 1, 642 Paint (Mile)	2.0																				
104	614*	Work Zone Striping, Stop Bar, Class 1, 642 Paint (EA)	24.0																				
105	623	Construction Layout Staking - (McKitrick Road), (LS)	1.0																				
106	623	Construction Layout Staking- (US 33) (LS)	1.0																				
107	624	Mobilization - Undercut/Base Repair (EA)	3.0																				
108	624	Mobilization (US 33), (LS)	1.0																				
109	253*	Pavement Repair, 9" A.P.P. (SY)	737.0																				

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	157	NONE	158-162
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	48 CORBINS MILL DRIVE	MISCELLANEOUS LOCATIONS	RIVERSIDE DRIVE / SR 257
		Excavation and Removal				
1	201	Clearing & Grubbing (SY)	0.0			
2	202	Bike Path Removed and Disposed of (SY)	7,565.0			
3	202	Concrete Removed & Disposed of, A.P.P. (SY)	1,933.9	36	150	
4	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	34,586.5	42	500	
5	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	1,030.0			
6	202	Pavement Removed & Disposed of, A.P.P. (SY)	974.0			
7	202	Asphalt Drive Pavement Removed and Disposed of, A.P.P. (SY)	125.0			
8	202	Remove and Dispose of Abandoned MH Section, (LS)	0.0			
9	201	Tree & Stump Removal, 4-12" Caliper (EA)	1.0			
		Pavement and Related				
10	203*	Embankment (CY)	30.0			
11	203*	Excavation, A.P.P. (CY)	2,343.0			
12	204*	Excavation, Roadway Undercut, A.P.P. (CY)	700.0		700	
13	204*	No. 2 Stone (703) (CY)	500.0		500	
14	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	496.0			
15	204*	Subgrade Compaction (SY)	0.0			
16	251*	Asphalt Surface Patch - 1.5" (SY)	14.0			
17	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	210.5	7	200	
18	251*	Asphalt Surface Patch - Roadway, 1.5" (SY)	2,178.0			
19	251*	Partial Depth Pavement Repair - Driveway, 4" (SY)	40.5			
20	251*	Partial Depth Pavement Repair -Pavement Joint and Surface Repair, 1.5" (SY)	7,107.0			
21	251*	Partial Depth Pavement Repair, 3" A.P.P. (SY)	2,780.0			
22	251*	Partial Depth Pavement Repair, 6" A.P.P. (SY)	1,200.0			
23	253*	Pavement Repair, 3" A.P.P. (SY)	170.0			
24	253*	Pavement Repair, 4.5" A.P.P. (SY)	2,147.0			
25	253*	Pavement Repair, 6" A.P.P. (SY)	1,939.0			
26	254*	Pavement Planing (Aggregate Base), 3-3.5" A.P.P. (SY)	2,116.0			
27	254*	Pavement Planing, 1.5", A.P.P.(SY)	52,705.0			
28	254*	Pavement Planing, 2", A.P.P.(SY)	13,403.0			
29	254*	Pavement Planing, 2.5",A.P.P. (SY)	2,116.0			
30	254*	Pavement Planing, 3",A.P.P. (SY)	66,178.0			
31	254*	Pavement Planing, 4.5",A.P.P. (SY)	7,094.0			
32	254*	Pavement Planing, 5",A.P.P. (SY)	1,657.0			
33	254*	Pavement Planing, 6", A.P.P.(SY)	6,825.0			
34	301*	(Bikepath) Bituminous Aggregate Base (TN)	768.0			
35	301*	Bituminous Aggregate Base (TN)	3,297.0			
36	304*	Aggregate Base (CY)	1,080.3		200	
37	407*	NTSS-1HM TracklessTack Coat (Gal)	22,718.0			
38	407*	Tack Coat (Gal)	553.0			
39	411*	Aggregate (CY),	60.0			
40	448*	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	1,100.1			
41	448*	(Parking Lot) Asphalt Concrete Surface Course, Type-1 PG64-22, MT (TN)	900.0			
42	448*	Asphaltic Concrete Intermediate Course, Type-2 PG64-22, MT (TN)	9,436.0			
43	448*	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	13,042.0			

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	157	NONE	158-162
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	48 CORBINS MILL DRIVE	MISCELLANEOUS LOCATIONS	RIVERSIDE DRIVE / SR 257
44	604	Structure- Adjust, MH Pavement Ring, (EA)	5.0		5	
45	604	Adjust Manhole Casting - W/O Ring (EA)	5.0		5	
46	617*	Recondition Shoulders, A.P.P. (SY)	1,283.0			
47	605	Curb Underdrain, 4" Pipe (LF)	450.0			
48	802	Valve Box - Adjust to Grade (EA)	4.0		4	
49	Special	Asphalt Rejuvenating Agent (SY)	93,976.0			
50	Special	Full Depth Stabilization (Cement Stab.)- 12" Depth (SY)	8,807.0			
51	Special	Polymer Modified Asphalt Expansion Joint (LF)	80.0			
52	Special	Portland Cement Additive (TN)	239.0			
53	Special	Remove and Reset Parking Block (EA)	64.0			
54	Special	Seminol Speed Hump, 22Ft. (SF)	1,122.0			
		Concrete and Concrete Structures				
55	452	10" Plain PCC Pavement, (SY)	67.0			
56	452	4" Conc. Base (SY)	222.0			
57	452	8" Plain PCC Pavement (SY)	22.0			
58	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	12,495.0	168		
59	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,504.0		1300	
60	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	4,273.0			
61	608	Paver Walk Remove & Relay, Type 1, A.P.P. (SF)	120.0			
62	609	Combination Curb/Gutter, A.P.P. (LF)	34,344.5	42	500	
63	609*	Curb, ODOT Type 6, AP.P.(LF)	1,991.0			
64	618	Drain Leader Pipe (LF)	125.0		125	
65	Special	Curb Can Holes (Ea)	674.0			
66	Special	Detectable Warning Panel (SF)	1,120.0			
		Pavement Marking*				
67	621	RPM, TWO WAY, WHITE, (EA)	130.0			
68	621	RPM, TWO WAY, YELLOW, (EA)	8.0			
69	621	RPM's REMOVED, (EA)	138.0			
70	642	Parking Lot Striping, 4", (LF)	5,780.0			
71	644	24" Transverse, (LF)	865.0			
72	644	4" Edge Line (white), (Mile)	7.55			
73	644	4" Edge Line (Yellow), (Mile)	0.2			
74	644	4" Lane Line (white), (Mile)	1.5			0.27
75	644	Bullnose (EA)	3.0			
76	644	Center Line- Double-(Yellow, Solid or Dashed), (Mile)	4.1			
77	644	Channelizing Line, 8" (LF)	1,499.0			
78	644	Crosswalk Line, 12" (LF)	3,452.0			
79	644	Lane Arrow, 72" (EA)	19.0			
80	644	Parking Line Markings 4" (LF)	466.0			
81	644	School Symbol (EA)	2.0			
82	644	Stop Bar, 24" (LF)	816.0			

		14-001-CIP 2014 STREET MAINTENANCE PROGRAM	SHEETS:	157	NONE	158-162
REFERENCE NO.	ITEM NO.	DESCRIPTION	ESTIMATED TOTAL QUANTITY	48 CORBINS MILL DRIVE	MISCELLANEOUS LOCATIONS	RIVERSIDE DRIVE / SR 257
83	647	Chevron Speed Hump Marking (EA)	4.0			
		Storm Sewer and Structures				
84	604	Structure- Adjust Inlet , A.P.P. (EA)	106.0			
85	604	Structure- Reconstruct/Adjust CB/Inlet, A.P.P. (EA)	6.0		5	
86	604	Structure, Catch Basin, Type AA-S133, (EA)	2.0			
87	605	Underdrain, 4" Pipe, A.P.P. (LF)	325.0			
88	901	12" ADS Flared End Section w/ Adapter, (EA)	2.0			
89	901	12" RCP Storm Sewer Pipe, C-76, CL-V, w/ type-1 bed, (LF)	234.0			
90	901	Blind Tap Storm (EA)	1.0			
		Landscaping and Restoration				
91	653	Pulverized Topsoil, A.P.P. (CY)	1,946.0	4	200	
92	659	Vegetation (Seed/Mulch), A.P.P., (SY)	9,045.0	15	600	
93	Special	Provide/Install Modular Paver on Bitum Bed (SF)	1,994.0			
		Electrical				
94	632	Detector Loop- A.P.P. (EA)	2.0			
		Maintenance of Traffic / Miscellaneous Items				
95	614	Flagger- [Dedicated Flagger] (HR)	248.0		120	
96	614	LEO w/ Patrol Car (HR)	160.0		60	
97	614	Maintaining Traffic, (McKitrick Road), (LS)	1.0			
98	614	Maintaining Traffic (US 33), (LS)	1.0			
99	614	Portable Message Board, (EA)	8.0			
100	614*	Work Zone Striping, Arrow, Class 1, 642 Paint (EA)	6.0			
101	614*	Work Zone Striping, Channelizing Line, Class 1, 642 Paint (LF)	454.0			
102	614*	Work Zone Striping, Double Centerline, Class 1, 642 Paint (Mile)	1.2			
103	614*	Work Zone Striping, Edge Line, Class 1, 642 Paint (Mile)	2.0			
104	614*	Work Zone Striping, Stop Bar, Class 1, 642 Paint (EA)	24.0			
105	623	Construction Layout Staking - (McKitrick Road), (LS)	1.0			
106	623	Construction Layout Staking- (US 33) (LS)	1.0			
107	624	Mobilization - Undercut/Base Repair (EA)	3.0		3	
108	624	Mobilization (US 33), (LS)	1.0			
109	253*	Pavement Repair, 9" A.P.P. (SY)	737.0			737

	BIKEPATH CONNECTION - MARTIN ROAD ESTIMATED QUANTITIES		
ITEM	DESCRIPTION	UNIT	Quantity
201	Clearing & Grubbing	SY	850
202	Remove and Dispose of Abandoned MH Section	EA	1
203	Excavation, A.P.P.	CY	130
204	Subgrade Compaction	SY	480
301	(Bikepath) Bituminous Aggregate Base	TN	73
304	Aggregate Base	CY	80
407	Tack Coat	GAL	40
448	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT	TN	35
608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.	SF	65
653	Pulverized Topsoil, A.P.P.	CY	20
659	Vegetation (Seed/Mulch), A.P.P.	SY	150
901	12" ADS Flared End Section w/ Adapt	EA	2
901	12" RCP Storm Sewer Pipe, C-76, CL-IV, w/ type-1 bed	LF	30
Special	Detectable Warning Panel	SF	16

PROPOSED 8' WIDE ASPHALT BIKEPATH:
CLEARING AND GRUBBING 20' WIDE ALONG PROPOSED CENTERLINE
EXCAVATE TOPSOIL AND COMPACT SUBGRADE 10' WIDE
PLACE 6" 304 AGGREGATE BASE, 10' WIDE
ASPHALT BIKEPATH:
3" 301 BITUMINOUS BASE
1.5" 448-1, ASPHALTIC CONCRETE pg64-22, MT

TOPSOIL SEED AND MULCH 1.5' WIDE ALONG BIKEPATH

N

0 25 50
SCALE IN FEET

DRAWN BY: DAL
REVISED 4/18/14

MARTIN ROAD
ASPHALT BIKEPATH CONNECTION

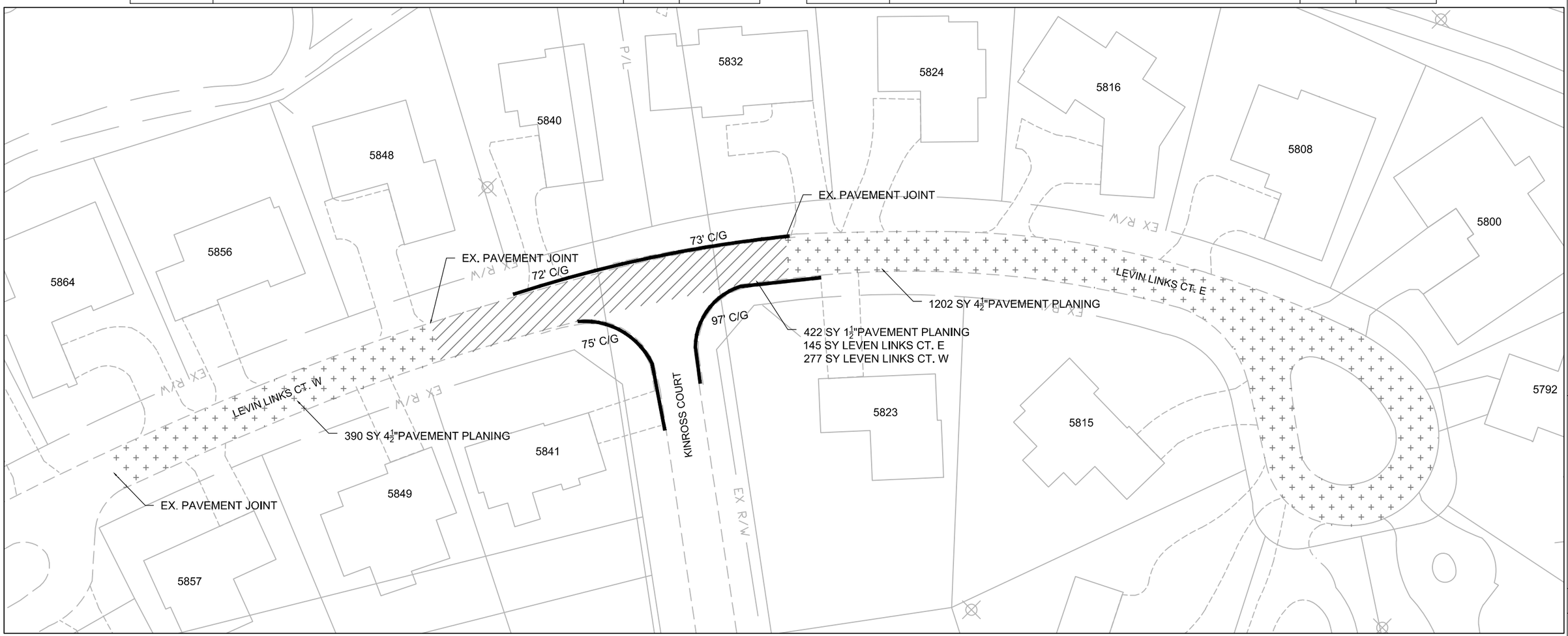
14-001-CIP

1.5" PAVEMENT PLANING
TRACKLESS TACK COAT (.1 GAL/SY)
1.5" 448-1 ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

4.5" PAVEMENT PLANING
3" 301 BITUMINOUS AGGREGATE BASE
TRACKLESS TACK COAT (.1 GAL/SY)
1.5" 448-1 ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

	LEVEN LINKS COURT WEST ESTIMATED QUANTITIES		
ITEM	DESCRIPTION	UNIT	Quantity
202	Curb / Curb and Gutter Removed / Disposed of, A.P.P.	LF	147
254	Pavement Planing, 1.5" ,A.P.P.	SY	277
254	Pavement Planing, 4.5", A.P.P.	SY	390
301	Bituminous Aggregate Base, 3"	TN	66
407	NTSS-1HM TracklessTack Coat	GAL	66
448	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT	TN	62
609	Combination Curb/Gutter, A.P.P.	LF	147
Special	Asphalt Rejuvenating Agent	SY	1852

	LEVEN LINKS COURT EAST ESTIMATED QUANTITIES		
ITEM	DESCRIPTION	UNIT	Quantity
202	Curb / Curb and Gutter Removed / Disposed of, A.P.P.	LF	170
254	Pavement Planing, 1.5" ,A.P.P.	SY	145
254	Pavement Planing, 4.5", A.P.P.	SY	1202
301	Bituminous Aggregate Base, 3"	TN	200
407	NTSS-1HM TracklessTack Coat	GAL	134
448	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT	TN	130
609	Combination Curb/Gutter, A.P.P.	LF	170
Special	Asphalt Rejuvenating Agent	SY	1347



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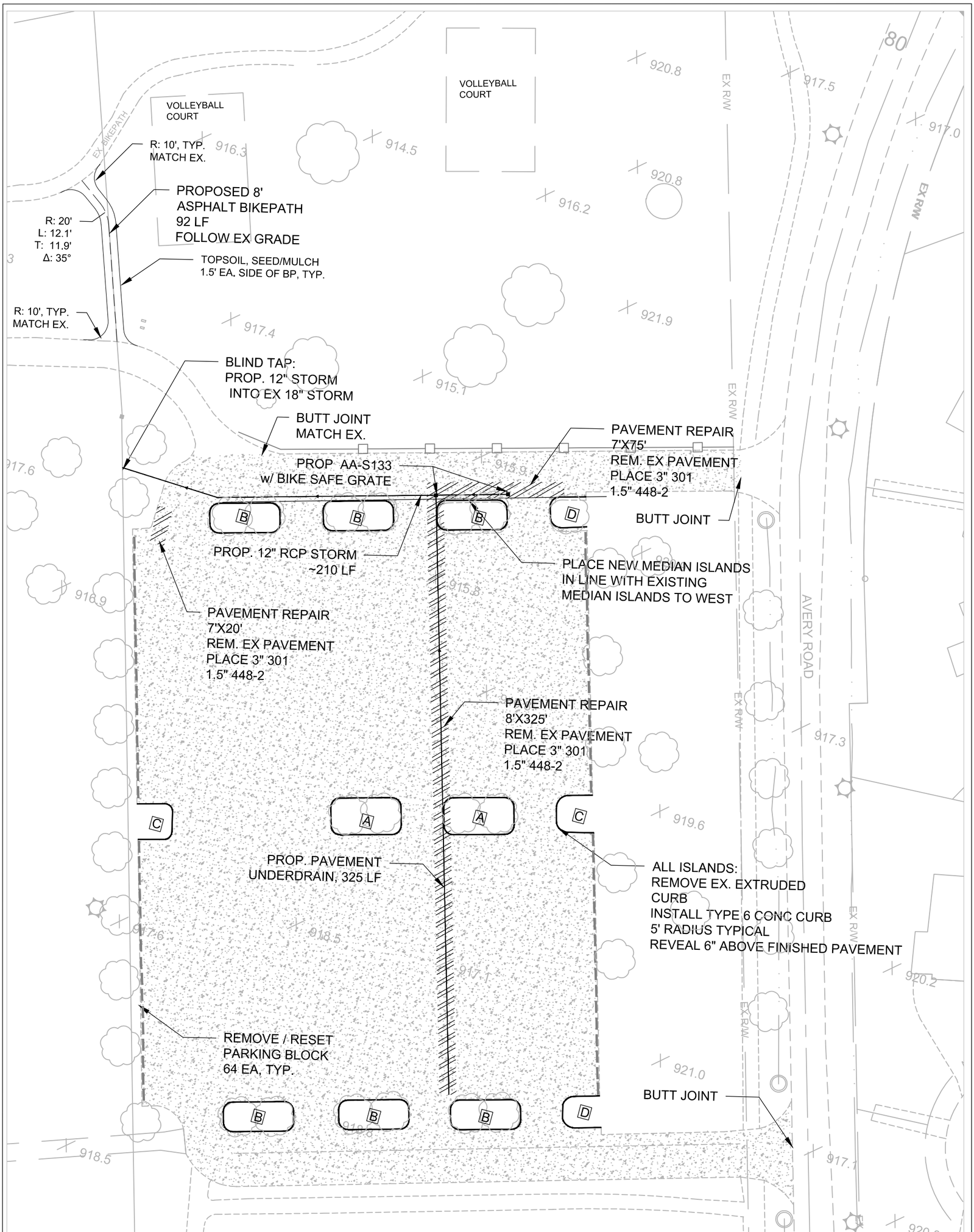
SCALE IN FEET

DRAWN BY: DAL
REVISED NONE

LEVEN LINKS CT E, LEVEN LINKS CT. W.
ROADWAY

14-001-CIP



CURB MEDIANS:

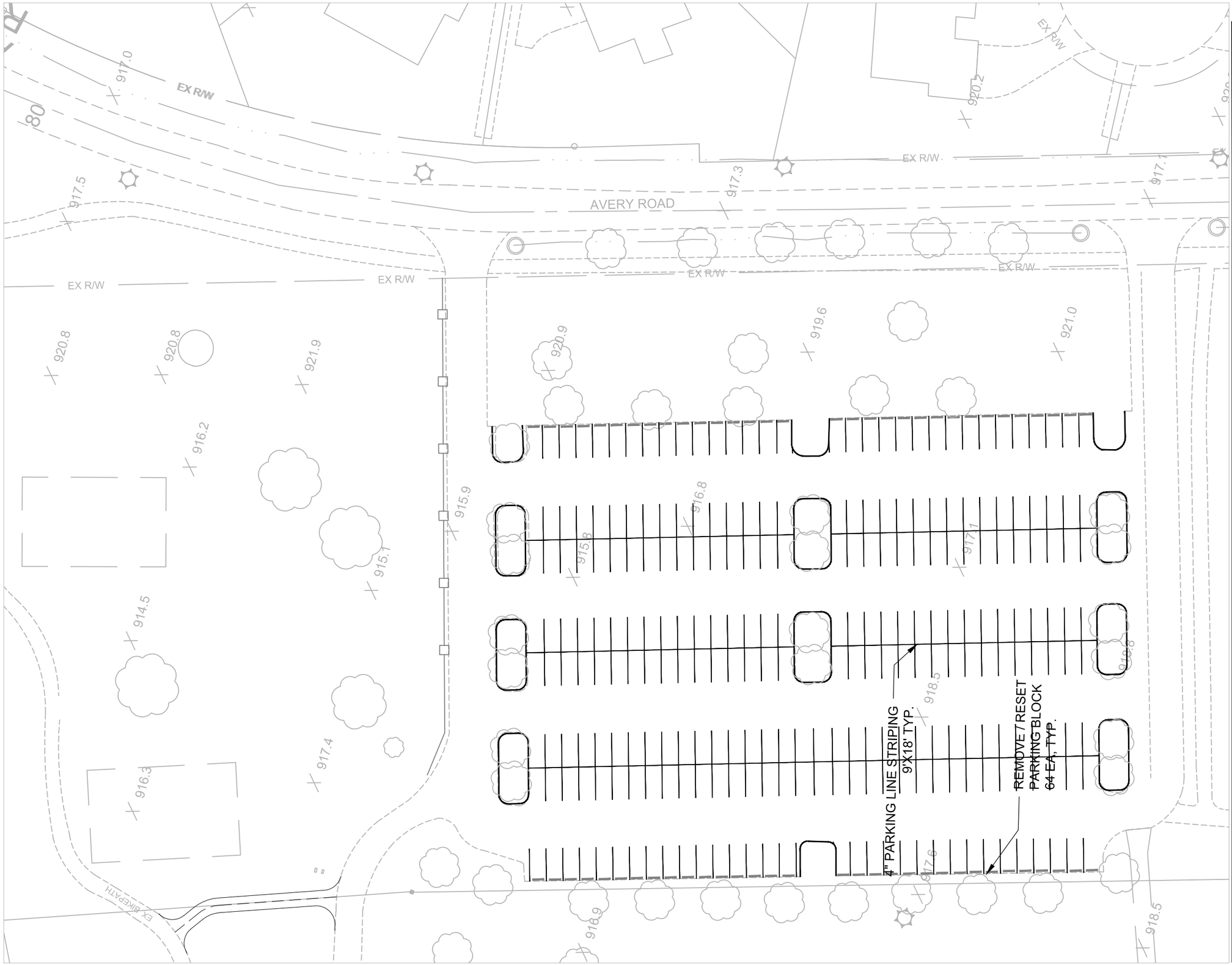
ALL MEDIAN CURB TO BE TYPE 6, TOC ELEVATION TO BE 6" ABOVE FINISH PAVEMENT

- A — 38'X20' FACE TO FACE 5' RADIUS, TYP.
- B — 38'X16' FACE TO FACE 5' RADIUS, TYP.
- C — 20'X20' FACE TO FACE 5' RADIUS, TYP.
- D — 20'X16' FACE TO FACE 5' RADIUS, TYP.

PAVING WORK:

- PAVEMENT REPAIR: 415 SY 3" 301 BITUMINOUS AGGREGATE BASE 1.5" 448-2, ASPHALTIC CONCRETE INTERMEDIATE COURSE, PG64-22, MT
- PAVEMENT OVERLAY: 10,465 SY TRACKLESS TACK COAT, .1 GAL/SY 1.5" 448-1, ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

152	1 / 3	**14-001-CIP**	AVERY PARK - NORTH PARKING LOT PAVING, CONCRETE AND STORM WORK	DRAWN BY: DAL REVISED 4/18/14	0 25 50 SCALE IN FEET



STRIPING:

PARKING LINE STRIPING
260 PARKING SPACES

4" WIDE
9'X18' SPACE, TYP.
5780 LF

N

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SCALE IN FEET

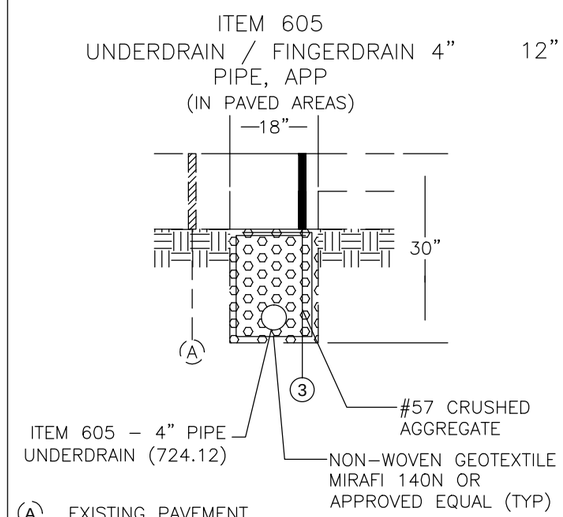
DRAWN BY: DAL
REVISED 4/18/14

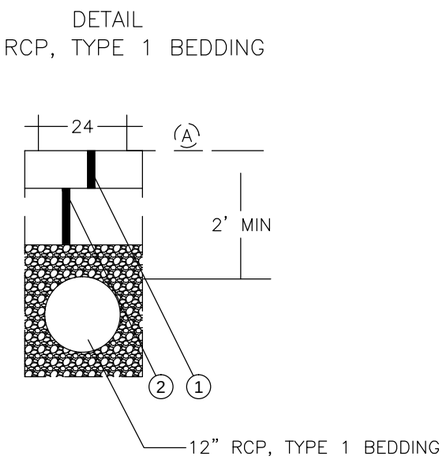
AVERY PARK - NORTH PARKING LOT
PARKING LOT SPRIPING PLAN

14-001-CIP

	AVERY ROAD PARK - PARKING LOT ESTIMATED QUANTITIES		
ITEM	DESCRIPTION	UNIT	Quantity
202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P.	LF	1030
203	Excavation, A.P.P.	CY	35
253	Pavement Repair, 4.5" A.P.P.	SY	415
253	Pavement Repair, 3" A.P.P.	SY	170
304	Aggregate Base	CY	17
407	NTSS-1HM TracklessTack Coat	GAL	1046
448	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT	TN	18
448	(Parking Lot) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT	TN	900
604	Structure, Catch Basin, Type AA-S133	EA	2
605	Underdrain, 4" Pipe, A.P.P.	LF	325
609	Curb, ODOT Type 6, A.P.P.	LF	1030
642	Parking Lot Striping, 4"	LF	5780
653	Pulverized Topsoil, A.P.P.	CY	12
659	Vegetation (Seed/Mulch), A.P.P.	SY	32
901	Blint Tap Storm	EA	1
901	12" RCP Storm Sewer Pipe, C-76, CL-IV, w/ type-1 bed	LF	210
Special	Remove and Reset Parking Block	EA	64

UNDERDRAIN AND STORM PIPE DETAIL (NTS):





(A) EXISTING PAVEMENT
(1) ITEM 653 – 3" TOPSOIL FURNISHED AND PLACED
(2) ITEM 203 – 3" EMBANKMENT
(3) ITEM 304 – 6" PAVEMENT SECTION

(A) EXISTING PAVEMENT
(1) 4.5" ASPHALT (MIN)
(2) ITEM 304 – COMPACTED AGGRREGATE BASE

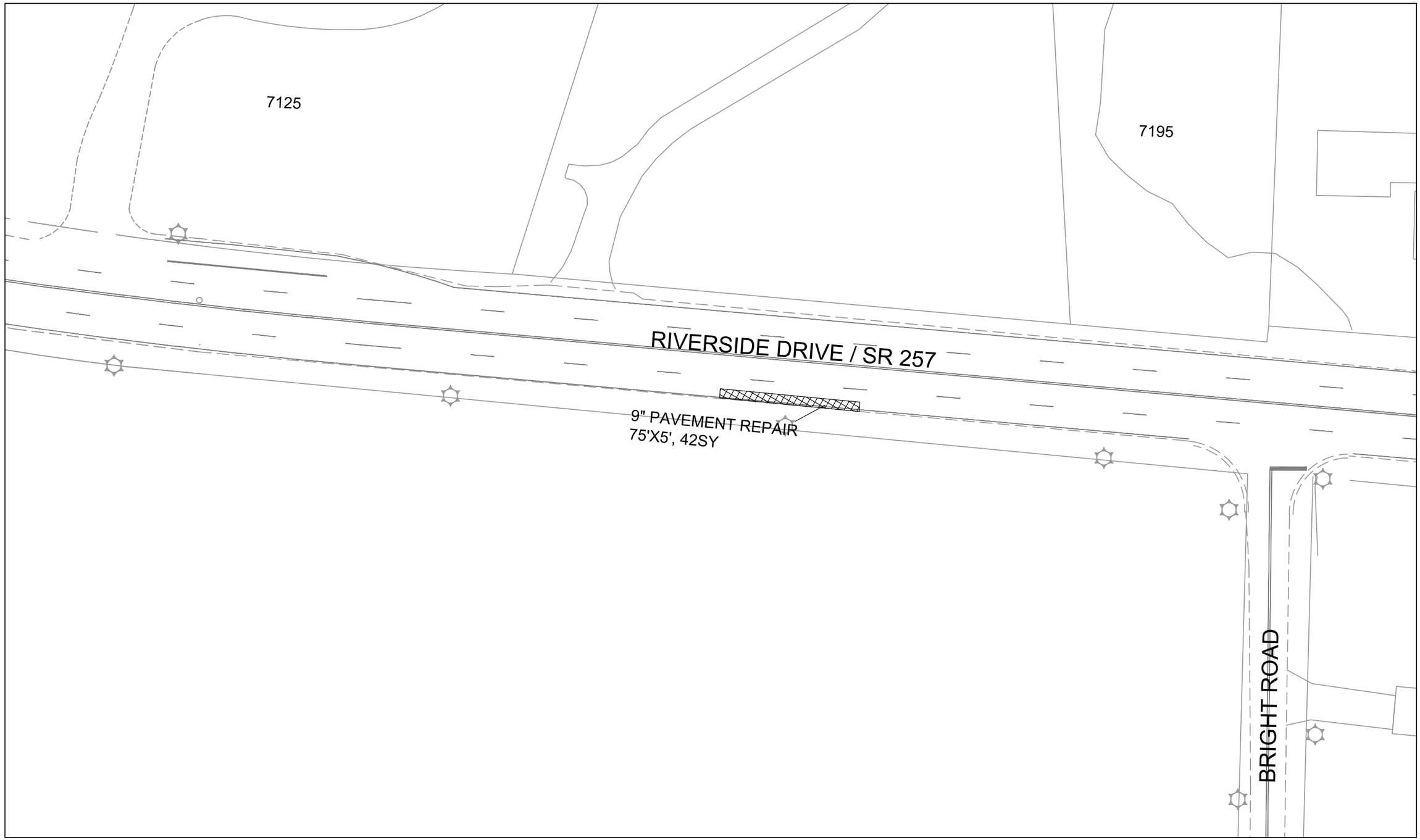
DRAWN BY: DAL
REVISED 4/18/14

AVERY PARK - NORTH PARKING LOT
ESTIMATED QUANTITIES AND UNDERDRAIN DETAIL

14-001-CIP

ITEM 253 PAVEMENT REPAIR, 9" A.P.P.
7 $\frac{1}{2}$" ITEM 301 BITUMINOUS AGGREGATE BASE
2 LIFTS (ONE 3$\frac{1}{2}$" LIFT OVER ONE 4" LIFT)
TACK COAT (.1 Gal/SY)
1$\frac{1}{2}$" ITEM 448 Type 1 ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

PAVEMENT MARKINGS TO BE REPLACED FOLLOWING PAVEMENT REPAIRS



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SCALE IN FEET

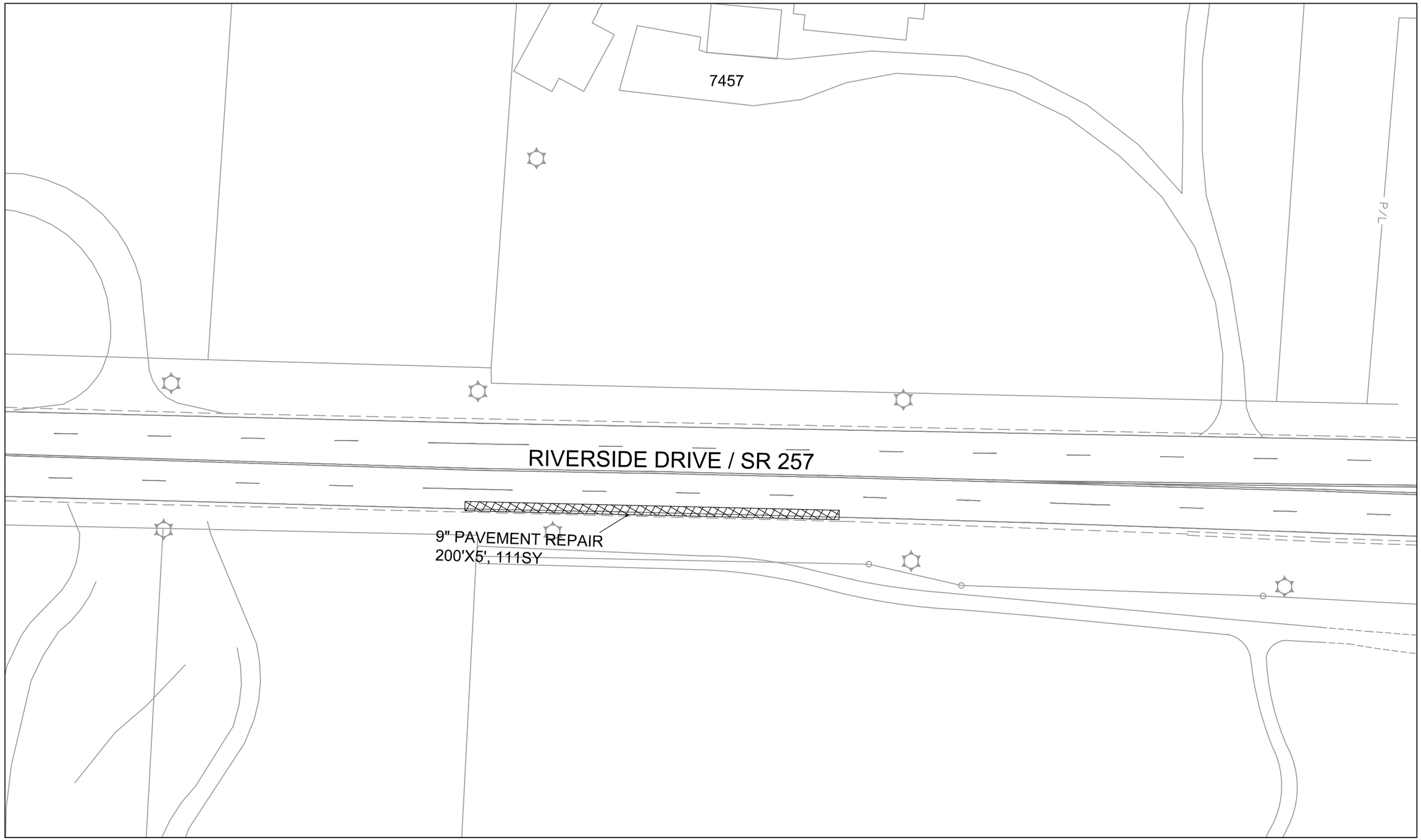
DRAWN BY: DAL
REVISED NONE

RIVERSIDE DRIVE / SR 257 PAVEMENT REPAIRS
EMERALD PKWY TO BRIGHT ROAD

14-001-CIP

ITEM 253 PAVEMENT REPAIR, 9" A.P.P.
7 $\frac{1}{2}$" ITEM 301 BITUMINOUS AGGREGATE BASE
2 LIFTS (ONE 3$\frac{1}{2}$" LIFT OVER ONE 4" LIFT)
TACK COAT (.1 Gal/SY)
1$\frac{1}{2}$" ITEM 448 Type 1 ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

PAVEMENT MARKINGS TO BE REPLACED FOLLOWING PAVEMENT REPAIRS



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SCALE IN FEET

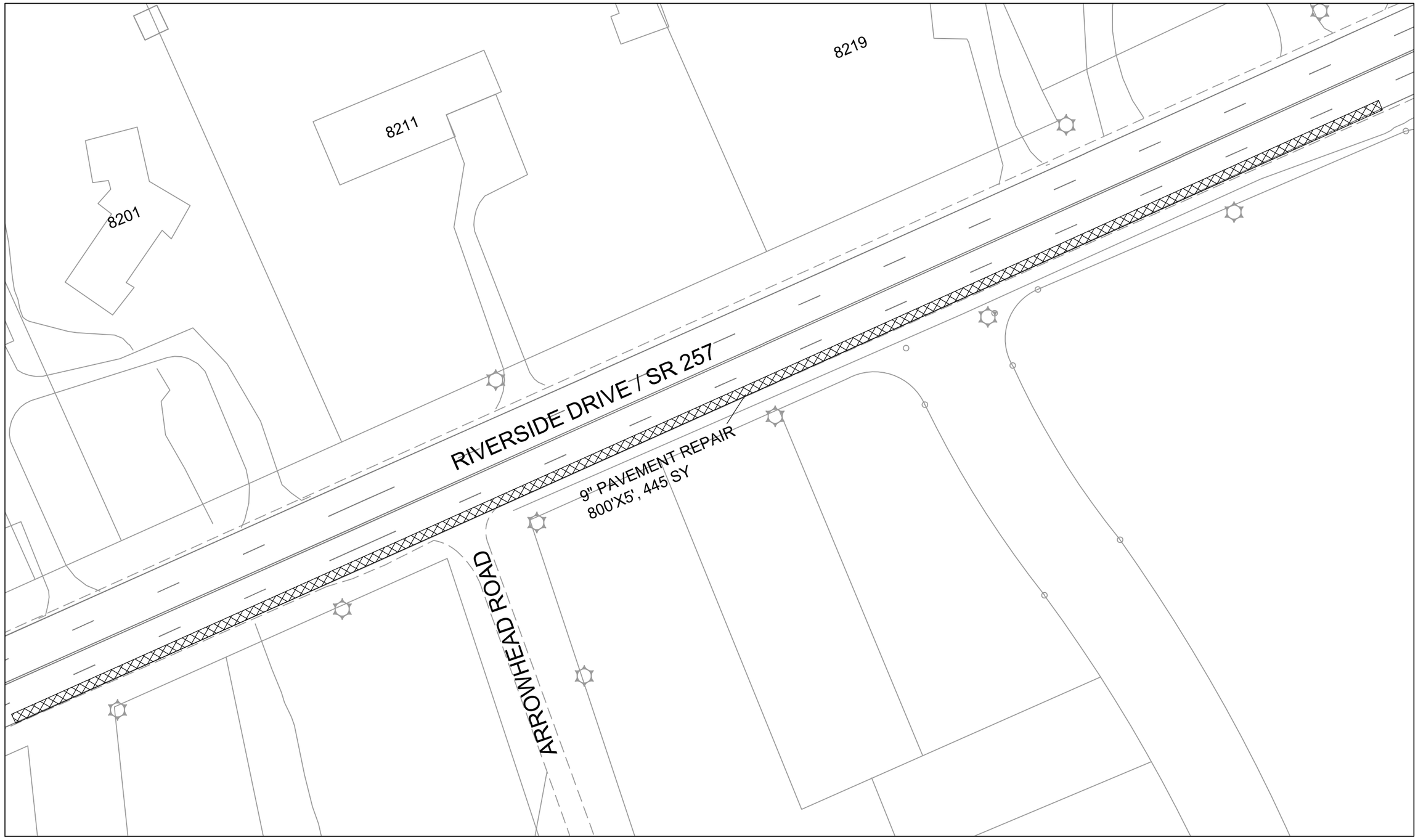
DRAWN BY: DAL
REVISED NONE

RIVERSIDE DRIVE / SR 257 PAVEMENT REPAIRS
HANNA HILLS DRIVE TO HARD ROAD

14-001-CIP

ITEM 253 PAVEMENT REPAIR, 9" A.P.P.
7 $\frac{1}{2}$" ITEM 301 BITUMINOUS AGGREGATE BASE
2 LIFTS (ONE 3$\frac{1}{2}$" LIFT OVER ONE 4" LIFT)
TACK COAT (.1 Gal/SY)
1$\frac{1}{2}$" ITEM 448 Type 1 ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

PAVEMENT MARKINGS TO BE REPLACED FOLLOWING PAVEMENT REPAIRS



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SCALE IN FEET

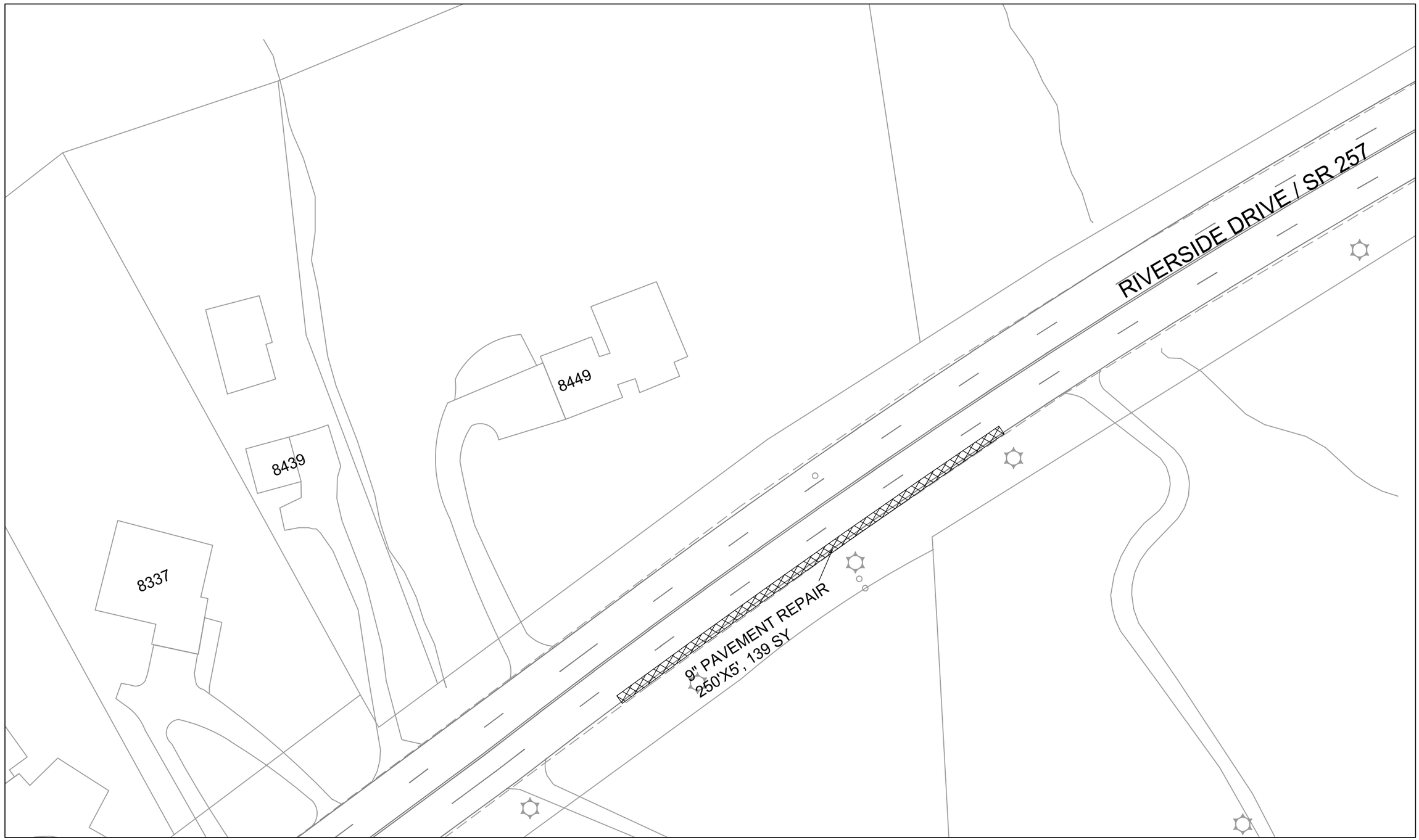
DRAWN BY: DAL
REVISED NONE

RIVERSIDE DRIVE / SR 257 PAVEMENT REPAIRS
ARROWHEAD ROAD TO WESTBURY ROAD

14-001-CIP

ITEM 253 PAVEMENT REPAIR, 9" A.P.P.
7 $\frac{1}{2}$" ITEM 301 BITUMINOUS AGGREGATE BASE
2 LIFTS (ONE 3$\frac{1}{2}$" LIFT OVER ONE 4" LIFT)
TACK COAT (.1 Gal/SY)
1$\frac{1}{2}$" ITEM 448 Type 1 ASPHALTIC CONCRETE SURFACE COURSE, PG64-22, MT

PAVEMENT MARKINGS TO BE REPLACED FOLLOWING PAVEMENT REPAIRS



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SCALE IN FEET

DRAWN BY: DAL
REVISED NONE

RIVERSIDE DRIVE / SR 257 PAVEMENT REPAIRS
FORREST HILL ROAD TO STRATFORD AVENUE

14-001-CIP

	RIVERSIDE DRIVE ESTIMATED QUANTITIES		
ITEM	DESCRIPTION	UNIT	Quantity
253	Pavement Repair, 9" A.P.P.	SY	737
644	4" Edge Line (white)	MILE	0.27

MAINTENANCE OF TRAFFIC NOTES:

1. ROAD WORK IS TO BE COMPLETED BETWEEN THE HOURS OF 10 AM AND 3:30PM, INCLUDING SATURDAYS.
2. LOCATIONS SHOWN ARE APPROXIMATE AND WILL BE MARKED IN THE FIELD
   2.1. CONTRACTOR WILL MARK REPAIR AREAS AS DIRECTED BY THE ENGINEER.
3. CONTRACTOR SHALL PROVIDE THE ENGINEER AN ANTICIPATED SCHEDULE OF WORK AND MAINTENANCE OF TRAFFIC PLAN 15 DAYS PRIOR TO PLANNED WORK.
   3.1. TRAFFIC CONTROL PLAN WILL SHOW PHASES FOR LANE CLOSURES AND TRAFFIC RESTRICTIONS AND DURATION.
   3.2. TRAFFIC CONTROL SHALL FOLLOW OHIO MUTCD
   3.3. LANE CLOSURES SHALL CONFORM TO ODOT MT-95.31

4.CONTRACTOR SHALL PROVIDE THE ENGINEER 7 DAYS NOTICE OF INTENT TO COMMENCE CONSTRUCTION.

PAVEMENT REPAIRS:

ALL PAVEMENT REPAIR AREAS SHALL BE RESURFACED TO FINAL GRADE THE SAME DAY.

DRAWN BY: DAL
REVISED NONE

RIVERSIDE DRIVE / SR 257 PAVEMENT REPAIRS
ESTIMATED CONSTRUCTION QUANITIES, NOTES

14-001-CIP

BIDDER agrees to perform all work described in the CONTRACT DOCUMENTS for the following unit prices:

2014 STREET MAINTENANCE PROGRAM

REF NO.	(1) ITEM	(2) DESCRIPTION	(3) QUANT.	(4) UNIT	(5) LABOR($)	(6) MATERIAL($)	(7) (5)+(6) TOTAL($)	(8) (3) X (7) TOTAL EXTENDED INFORMAL PRICE($)
		EXCAVATION AND REMOVAL						
1	201	Clearing & Grubbing (SY)	0.0	SY	DO NOT BID			
2	202	Bike Path Removed and Disposed of, A.P.P. (SY)	7,565.0	SY				
3	202	Concrete Removed & Disposed of, A.P.P. (SY)	1,933.9	SY				
4	202	Curb / Curb and Gutter Removed / Disposed of, A.P.P. (LF)	34,586.5	LF				
5	202	Excavate and Dispose of Extruded Asphalt Curb, A.P.P. (LF)	1,030.0	LF				
6	202	Pavement Removed & Disposed of, A.P.P. (SY)	974.0	SY				
7	202	Asphalt Drive Pavement Removed and Disposed of, A.P.P. (SY)	125.0	SY				
8	202	Remove and Dispose of Abandoned MH Section, (LS)	0.0	LS	DO NOT BID			
9	201	Tree & Stump Removal, 4-12" Caliper (EA)	1.0	EA				
				EXCAVATION AND REMOVAL SUB-TOTAL				
		PAVEMENT AND RELATED						
10	203*	Embankment (CY)	30.0	CY				
11	203*	Excavation, A.P.P. (CY)	2,343.0	CY				
12	204*	Excavation, Roadway Undercut, A.P.P. (CY)	700.0	CY				
13	204*	No. 2 Stone (703)	500.0	CY				
14	204*	No. 2 Stone (703)- Bikepath/Parking Lot (CY)	496.0	CY				
15	204*	Subgrade Compaction (SY)	0.0	SY	DO NOT BID			
16	251*	Asphalt Surface Patch - 1.5" (SY)	14.0	SY				
17	251*	Asphalt Surface Patch - Miscellaneous, 2" (SY)	210.5	SY				
18	251*	Asphalt Surface Patch - Roadway, 1.5" (SY)	2,178.0	SY				
19	251*	Partial Depth Pavement Repair - Driveway, 4" (SY)	40.5	SY				
20	251*	Partial Depth Pavement Repair -Pavement Joint and Surface Repair, 1.5" (SY)	7,107.0	SY				
21	251*	Partial Depth Pavement Repair, 3" A.P.P. (SY)	2,780.0	SY				
22	251*	Partial Depth Pavement Repair, 6" A.P.P. (SY)	1,200.0	SY				

BIDDER agrees to perform all work described in the CONTRACT DOCUMENTS for the following unit prices:

2014 STREET MAINTENANCE PROGRAM

REF NO.	(1) ITEM	(2) DESCRIPTION	(3) QUANT.	(4) UNIT	(5) LABOR($)	(6) MATERIAL($)	(7) (5)+(6) TOTAL($)	(8) (3) X (7) TOTAL EXTENDED INFORMAL PRICE($)
		PAVEMENT AND RELATED (CONTINUED)						
23	253*	Pavement Repair, 3" A.P.P. (SY)	170.0	SY				
24	253*	Pavement Repair, 4.5" A.P.P. (SY)	2,147.0	SY				
25	253*	Pavement Repair, 6" A.P.P. (SY)	1,939.0	SY				
26	254*	Pavement Planing (Aggregate Base), 3-3.5" A.P.P. (SY)	2,116.0	SY				
27	254*	Pavement Planing, 1.5", A.P.P.(SY)	52,705.0	SY				
28	254*	Pavement Planing, 2", A.P.P.(SY)	13,403.0	SY				
29	254*	Pavement Planing, 2.5",A.P.P. (SY)	2,116.0	SY				
30	254*	Pavement Planing, 3",A.P.P. (SY)	66,178.0	SY				
31	254*	Pavement Planing, 4.5",A.P.P. (SY)	7,094.0	SY				
32	254*	Pavement Planing, 5",A.P.P. (SY)	1,657.0	SY				
33	254*	Pavement Planing, 6", A.P.P.(SY)	6,825.0	SY				
34	301*	(Bikepath) Bituminous Aggregate Base (TN)	786.0	TN				
35	301*	Bituminous Aggregate Base (TN)	3,297.0	TN				
36	304*	Aggregate Base (CY)	1,080.3	CY				
37	407*	NTSS-1HM TracklessTack Coat (Gal)	22,718.0	GAL				
38	407*	Tack Coat (Gal)	553.0	GAL				
39	411*	Aggregate (CY),	60.0	CY				
40	448*	(Bikepath) Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	1,100.1	TN				
41	448*	(Parking Lot) Asphalt Concrete Surface Course, Type-1 PG64-22, MT (TN)	900.0	TN				
42	448*	Asphaltic Concrete Intermediate Course, Type-2 PG64-22, MT (TN)	9,436.0	TN				
43	448*	Asphaltic Concrete Surface Course, Type-1 PG64-22, MT (TN)	13,042.0	TN				

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		PAVEMENT AND RELATED (CONTINUED)						
44	604	Structure- Adjust, MH Pavement Ring, (EA)	5.0	EA				
45	604	Adjust Manhole Casting - W/O Ring (EA)	5.0	EA				
46	617*	Recondition Shoulders, A.P.P. (SY)	1,283.0	SY				
47	605	Curb Underdrain, 4" Pipe (LF)	450.0	LF				
48	802	Valve Box - Adjust to Grade (EA)	4.0	EA				
49	Special	Asphalt Rejuvenating Agent (SY)	93,976.0	SY				
50	Special	Full Depth Stabilization (Cement Stab.)- 12" Depth (SY)	8,807.0	SY				
51	Special	Polymer Modified Asphalt Expansion Joint (LF)	80.0	LF				
52	Special	Portland Cement Additive (TN)	239.0	TN				
53	Special	Remove and Reset Parking Block (EA)	64.0	EA				
54	Special	Seminol Speed Hump, 22Ft. (SF)	1,122.0	SF				
				PAVEMENT AND RELATED SECTION SUB-TOTAL				
		CONCRETE AND CONCRETE STRUCTURES						
55	452	10" Plain PCC Pavement, (SY)	67.0	SY				
56	452	4" Conc. Base (SY)	222.0	SY				
57	452	8" Plain PCC Pavement (SY)	22.0	SY				
58	608	4" Conc. Walk w/ Agg. Base, A.P.P. (SF)	12,495.0	SF				
59	608	6" Conc. Walk w/ Agg. Base, A.P.P. (SF)	1,504.0	SF				
60	608	Curb Ramp, 6" Conc. w/Agg. Base, A.P.P.(SF)	4,273.0	SF				
61	608	Paver Walk Remove & Relay, Type 1, A.P.P. (SF)	120.0	SF				
62	609	Combination Curb/Gutter, A.P.P. (LF)	34,344.5	LF				
63	609*	Curb, ODOT Type 6, AP.P.(LF)	1,991.0	LF				

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		CONCRETE AND CONCRETE STRUCTURES (CONTINUED)						
64	618	Drain Leader Pipe (LF)	125.0	LF				
65	Special	Curb Can Holes (Ea)	674.0	EA				
66	Special	Detectable Warning Panel (SF)	1,120.0	SF				
				CONCRETE AND CONCRETE STRUCTURES SECTION SUB-TOTAL				
		PAVEMENT MARKING*						
67	621	RPM, TWO WAY, WHITE, (EA)	130.0	EA				
68	621	RPM, TWO WAY, YELLOW, (EA)	8.0	EA				
69	621	RPM's REMOVED, (EA)	138.0	EA				
70	642	Parking Lot Striping, 4", (LF)	5,780.00	LF				
71	644	24" Transverse, (LF)	865.00	LF				
72	644	4" Edge Line (white), (Mile)	7.55	MI				
73	644	4" Edge Line (Yellow), (Mile)	0.2	MI				
74	644	4" Lane Line (white), (Mile)	1.5	MI				
75	644	Bullnose (EA)	3.0	EA				
76	644	Center Line- Double-(Yellow, Solid or Dashed), (Mile)	4.1	MI				
77	644	Channelizing Line, 8" (LF)	1,499.0	LF				
78	644	Crosswalk Line, 12" (LF)	3,452.0	LF				
79	644	Lane Arrow, 72" (EA)	19.0	EA				
80	644	Parking Line Markings 4" (LF)	466.0	LF				
81	644	School Symbol (EA)	2.0	EA				
82	644	Stop Bar, 24" (LF)	816.0	LF				
83	647	Chevron Speed Hump Marking (EA)	4.0	EA				
				PAVEMENT MARKING* SECTION SUB-TOTAL				

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		STORM SEWER AND STRUCTURES						
84	604	Structure- Adjust Inlet , A.P.P. (EA)	106.0	EA				
85	604	Structure- Reconstruct/Adjust CB/Inlet, A.P.P. (EA)	6.0	EA				
86	604	Structure, Catch Basin, Type AA-S133, (EA)	2.0	EA				
87	605	Underdrain, 4" Pipe, A.P.P. (LF)	325.0	LF				
88	901	12" ADS Flared End Section w/ Adapter, (EA)	2.0	EA				
89	901	12" RCP Storm Sewer Pipe, C-76, CL-V, w/ type-1 bed, (LF)	234.0	LF				
90	901	Blind Tap Storm (EA)	1.0	EA				
				STORM SEWER AND STRUCTURES SECTION SUB-TOTAL				
		LANDSCAPING / RESTORATION						
91	653	Pulverized Topsoil, A.P.P. (CY)	1,946.0	CY				
92	659	Vegetation (Seed/Mulch), A.P.P., (SY)	9,045.0	SY				
93	Special	Provide/Install Modular Paver on Bitum Bed (SF)	1,994.0	SF				
				LANDSCAPING / RESTORATION SECTION SUB-TOTAL				
		ELECTRICAL						
94	632	Detector Loop- A.P.P. (EA)	2.0					
				ELECTRICAL SECTION SUB-TOTAL				

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		MAINTENANCE OF TRAFFIC / MISCELLANEOUS ITEMS						
95	614	Flagger- [Dedicated Flagger] (HR)	248.0	HR				
96	614	LEO w/ Patrol Car (HR)	160.0	HR				
97	614	Maintaining Traffic, (McKitrick Road), (LS)	1.0	LS				
98	614	Maintaining Traffic (US 33), (LS)	1.0	LS				
99	614	Portable Message Board, (EA)	8.0	EA				
100	614*	Work Zone Striping, Arrow, Class 1, 642 Paint (EA)	6.0	EA				
101	614*	Work Zone Striping, Channelizing Line, Class 1, 642 Paint (LF)	454.0	LF				
102	614*	Work Zone Striping, Double Centerline, Class 1, 642 Paint (Mile)	1.2	MI				
103	614*	Work Zone Striping, Edge Line, Class 1, 642 Paint (Mile)	2.0	MI				
104	614*	Work Zone Striping, Stop Bar, Class 1, 642 Paint (EA)	24.0	EA				
105	623	Construction Layout Staking - (McKitrick Road), (LS)	1.0	LS				
106	623	Construction Layout Staking- (US 33) (LS)	1.0	LS				
107	624	Mobilization - Undercut/Base Repair (EA)	3.0	EA				
108	624	Mobilization (US 33), (LS)	1.0	LS				
109	253*	Pavement Repair, 9" A.P.P. (SY)	737.0	SY				
				MAINTENANCE OF TRAFFIC / MISCELLANEOUS ITEMS SECTION SUB-TOTAL				

COMPANY NAME:

_____ DATE _____

ENTER TOTAL BID AMOUNT ON PAGE 22
IN THE SPACES PROVIDED

TOTAL=

* DENOTES REFERENCE TO ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS (LATEST EDITION).

DEWATERING

The cost of any dewatering operations required for the construction of the storm sewers, culverts, waterlines, and/or conduits shall be included in the price bid for the various items.

CONDUIT END TREATMENT

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, flared end sections, riprap, rock channel protection, seeding, etc.

STAGING AREA

The Contractor shall make their own provisions to provide staging area(s) if that area is outside the right-of-way. All areas disturbed shall be fully restored to their original conditions or better to the satisfaction of the City of Dublin. The contractor at his expense shall perform all restoration. Work close to existing trees shall require the installation of tree protection fencing.

Sidewalk Work Zones: No construction materials are to be left in the work zone unless neatly stacked, and the work zone is enclosed and secured with construction fencing. Concrete form pins left in place and unattended shall have protection caps installed. Concrete forms, stakes, and debris shall be removed from the site the same day that the forms are stripped.

CONCRETE

All concrete shall be Class 'C' unless otherwise noted. Mix designs using Fly Ash must be pre-approved by the Engineer. All concrete tickets shall be labeled with the following information: 1) The location(s) where the load(s) were placed, 2) Time of arrival and Time of completion of unloading, 3) Amount of water added to load, and/or portion of load 4) Other pertinent information as requested by the Engineer. All tickets shall be delivered to the Engineer or the Engineer's representative within 24 hours of placement of concrete. Concrete shall be subject to field testing at all times. Cold weather protection for concrete shall be incidental to the associated work.

FINISHING

Sidewalk / Flatwork width and finish shall be the same as the adjacent existing sections unless directed by the Engineer. All joints and edges are to be tooled and retraced. Concrete placed under Item 452 Concrete Base shall be saw cut within 24-36 hours.

CURING

All Concrete shall be cured in accordance with section 451.10 (CMS) utilizing Vocomp-20 Water-Based, Acrylic Concrete Curing and Sealing Compound, by W.R. Meadows, Inc.

ITEM 253 PAVEMENT REPAIR (depth)", A.P.P.

This item consists of repairs to the asphalt as outlined under Item 253 Pavement Repair, ODOTCMSC as amended. This item consists of the spot removal and disposal of the existing asphalt pavement and base to a depth as specified on the plans. All faces bordering the repair area shall be vertical. The surface may be milled and/or saw cut in order to insure clean vertical faces. Before placing asphalt concrete clean all vertical faces and sub-surface of pavement and coat with asphalt material according to ODOTCMSC 401.14. The sub-base shall be re-compacted as needed.

For nine (9) inch depth of repairs:

Replacement with:

Seven and one-half (7 ½) inches of 301 Bituminous Aggregate Base in two lifts. (One 3 ½ inch lift over one 4 inch lift)

One and one-half (1 ½) inches Item 448 Type 1, PG64-22, MT

For six (6) inch depth of repairs with overlay:

Replacement with six (6) inches of 301 Bituminous Aggregate Base in two 3" lifts.

For four and one-half (4.5) inch depth of repairs with overlay:

Replacement with:

Three (3) inches of 301 Bituminous Aggregate Base in one 3" lift.

One and one-half (1.5) inches of item 448 Type 2, Asphaltic Concrete Intermediate Course, PG 64-22.

For three (3) inch depth of repairs with overlay:

Replacement with three (3) inches of 301 Bituminous Aggregate Base and per the ODOTCMSC.

Asphalt loads utilized for Pavement Repair shall have the tickets marked accordingly. All Patches must be brought to grade and completed the same day as excavation is performed. When the pavement has been removed and the contractor is unable to complete the required replacement in time the excavation shall be filled with patch material with a durable surface or plated. If plates are used they must be held in place by cold patch placed and compacted along the entire perimeter. The contractor will be required to maintain these patches or plates while in service. The cost for placing, maintaining, removing, and disposing of the temporary patches or plates will be at the Contractor's expense. The contractor is responsible for maintaining traffic and protecting the repaired area until it has cooled sufficiently to re-open to traffic.

The unit price for this item shall include all labor equipment and materials for the work including saw cutting, excavating, tack coating the existing surface, asphalt placement, sealing the edges upon completion, all traffic control devices and other incidentals. Work is to be paid per Square Yard (SY) of Pavement Repair.