

THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY, OR COMPLETENESS OF THE DRAWING OR ANY INFORMATION PROVIDED HEREON. THE OWNER AGREES TO HOLD LANDSCAPER AND MATERIALS SUPPLIER HARMLESS FROM AND AGAINST ALL LIABILITY IN CONNECTION WITH THE USE.

## EAST CLEVELAND RESTORATION DETAILS & NOTES

CITY OF EAST CLEVELAND

RESTORATION STANDARDS IN PUBLIC RIGHT OF WAY

SEPTEMBER 2014 2014165.00

### SEEDING AND MULCHING

Seeding and Mulching shall be in accordance with Item 659 in the ODOT Specifications except as hereinafter specifically amended. All lawn restoration work shall be performed by an approved landscaper.

The intent of this item of work is to restore the damaged lawn areas directly resulting from removal or replacement of sidewalk, adding new tree lawns, new concrete apron, curb removal or replacement, or to fill existing voids in the tree lawns as directed by the Engineer.

The areas to be seeded shall be graded to a depth of at least three inches (3") below the existing or finished grade, and sufficient topsoil added as determined during construction. All existing grassed areas disturbed by construction shall be restored as specified herein.

All materials used shall conform to the standards of the American Association of Nurserymen and shall have passed any inspections required under State Regulations.

All landscaping materials shall be installed in a sound, workmanship-like manner and according to accepted, good construction and planting procedures. The Contractor shall be responsible for the continued proper maintenance of all materials, and shall keep them in a proper, neat and orderly appearance, free from refuse and debris at all time. All unhealthy or dead plant material shall be replaced within one year of citation, or by the next planting period, whichever comes first.

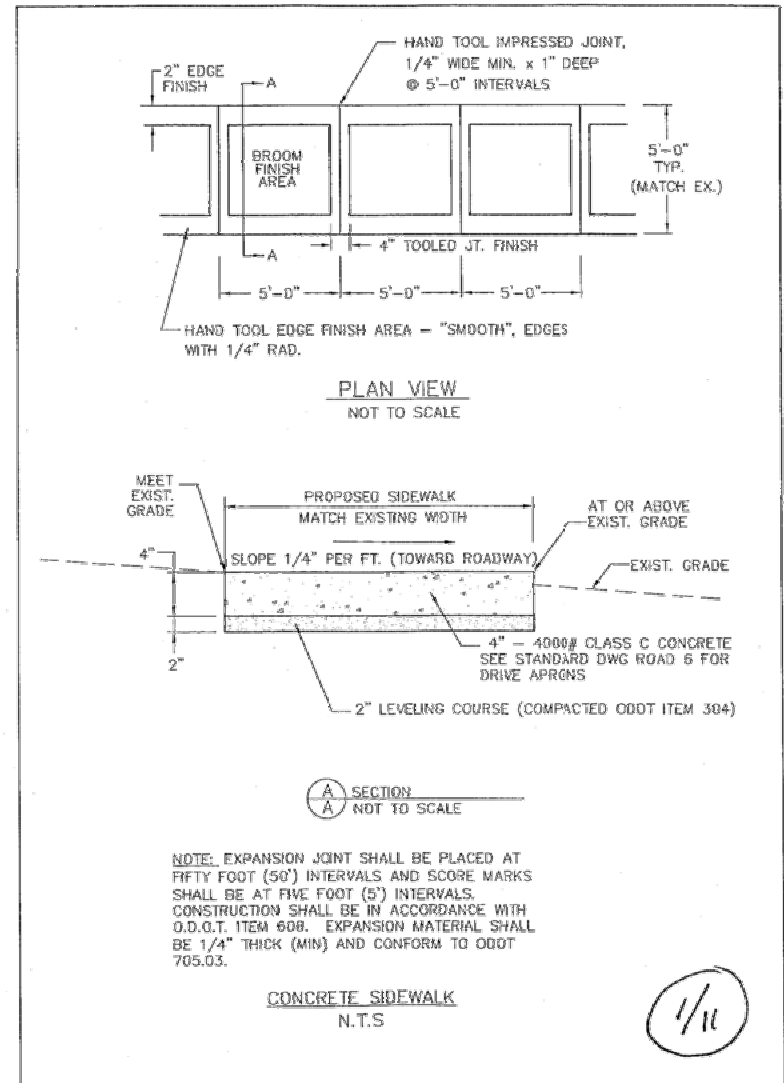
The Contractor shall secure additional topsoil as required from other sources to properly grade the tree lawns. The soil shall be loosened and raked and commercial fertilizer of 10:6:4 formula applied evenly to the surface at the rate of ten (10) pounds per thousand (1,000) square feet and worked into the top two (2) inches of the soil.

Before sowing grass seed, the ground must be reasonably smooth, friable and of even texture. Seed shall not be sown when the soil is muddy, baked hard, or when the wind is blowing so strongly as to prevent even distribution. Seed shall be sown at the rate of four (4) pounds per thousand (1,000) square feet. In areas where existing lawns are to be matched, the Contractor will attempt to determine the type of grass seed originally used and use the same mixture in order to create a uniform appearance. In all other areas the following mix shall be used:

- 60% Kentucky Bluegrass
- 30% Creeping Red Fescue
- 5% Red Top
- 5% White Dutch Clover

Seed shall be evenly sown, lightly raked into the top one quarter inch (1/4") of soil and rolled lightly with a lawn roller. If the weather is dry, the Contractor shall sprinkle the surface seeded until an even dense growth of grass over the seeded area is started.

All other aspects of seeding shall conform to Item 659 in the ODOT Specifications.



THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY OR COMPLETENESS OF THE DRAWINGS OR ANY PART THEREOF. THE USER AGREES TO HOLD WAIVER AND HOLD THE OWNER HARMLESS FROM AND AGAINST ALL LIABILITY IN CONNECTION WITH THE USE.

# EAST CLEVELAND RESTORATION DETAILS & NOTES

## CUYAHOGA COUNTY DEPARTMENT OF PUBLIC WORKS CUYAHOGA COUNTY ENGINEER CONSTRUCTION DRAWINGS

CUYAHOGA COUNTY  
DEPARTMENT OF PUBLIC WORKS  
HIGHWAY DESIGN OFFICE

(TO BE USED WITH THE 2013 O.D.O.T.  
CONSTRUCTION AND MATERIAL SPECIFICATIONS.)

CURRENT INDEX  
10-31-13

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BP-2.6C	PAVEMENT JOINTS	10-31-13	MD-4C	REPAIR OF FLEXIBLE PAVEMENT OPENINGS	10-31-13
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BP-2.8C	TYPICAL CATCH BASIN CASTING PAVEMENT BLOCKOUTS	10-10-08	MD-6C	MISCELLANEOUS DRAINAGE DETAILS	10-31-13
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CB-3C	CATCH BASIN (ENGLISH VERSION)	10-31-13	MH-10C	CUY. CO. MANHOLE CASTINGS	10-31-13
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CB-3C S/T	CATCH BASIN WITH SUMP OR WITH SUMP AND TRAP	10-31-13			
CB-3C2	TWIN 3C CATCH BASIN	10-31-13			
MONUMENT BOX & ASSEMBLY					
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	MONUMENT BOX ASSEMBLY				
MB-2C	TYPE 2 CENTERLINE MONUMENT BOX ASSEMBLY	10-31-13			

**NOTE TO DESIGNER:** DWG. Nos. BP-1.1, BP-2.1, BP-2.2, BP-2.5, BP-5.1, CB-2.3 AND MH-1.1, REFERENCED HEREIN, ARE O.D.O.T. STANDARD CONSTRUCTION DRAWINGS.

2/11



DRAWING SCALE  
0 20' 40'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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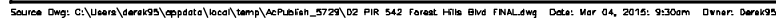
PIR 542  
East Cleveland, Cuyahoga Co.

RESTORATION  
DETAILS & NOTES

DATE: 01/22/2015  
PRODUCTION  
P400008488

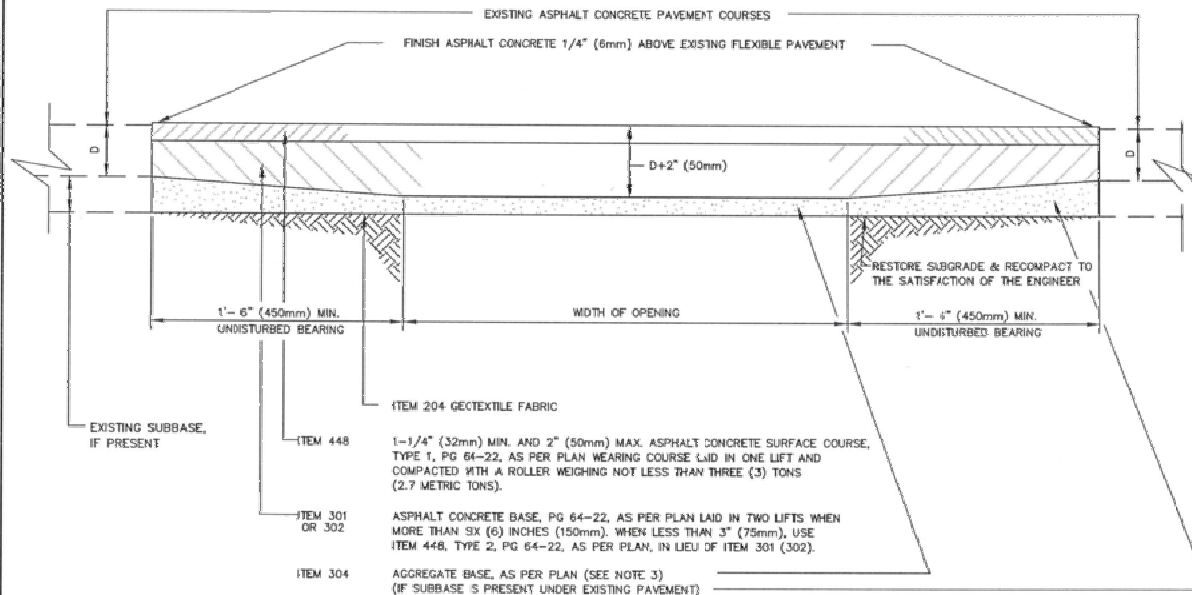
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# EAST CLEVELAND RESTORATION DETAILS & NOTES

## REPAIR OF FLEXIBLE PAVEMENT OPENINGS



### NOTES:

- TRENCH BEDDING AND BACKFILL SHALL MINIMALLY BE IN ACCORDANCE WITH SECTIONS 611.02 TYPE "B" CONDUIT (OR TYPE "C" CONDUIT WHEN NOT UNDER PAVEMENT) AND 611.04 & 611.06 OF THE O.D.T. CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS). STRUCTURAL BACKFILL MATERIAL (703.11) FURNISHED FOR BEDDING AND BACKFILL OPERATIONS SHALL BE LIMITED TO CRUSHED CARBONATE STONE. GRANULAR EMBANKMENT MATERIAL (203.02.R) FURNISHED FOR NON-STRUCTURAL BACKFILL OPERATIONS SHALL BE LIMITED TO NATURAL GRANULAR MATERIAL (203.02.H) AND RECYCLED PORTLAND CEMENT CONCRETE (RPCC). IN ADDITION TO THE REQUIREMENTS OF 703.16, THE USE OF RPCC IS SUBJECT TO THE RESTRICTIONS OF 203.03(B) (WHEN NOT UNDER PAVEMENT) AND 203.03(E).

EMBANKMENT MATERIAL (203.02.R) FURNISHED FOR NON-STRUCTURAL BACKFILL OPERATIONS SHALL BE LIMITED TO NATURAL GRANULAR MATERIAL PER 703.16.B.

- ITEMS 301 (302), 448, TYPE 2, AND 448, TYPE 1, SHALL BE AS SPECIFIED ON THE PLAN OR PROPOSAL.
- MATERIAL FURNISHED FOR ITEM 304-AGGREGATE BASE, AS PER PLAN SHALL BE LIMITED TO CRUSHED CARBONATE STONE (PER 703.17).
- TRAFFIC SHALL BE MAINTAINED IN A SAFE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE PLANS, THE REQUIREMENTS OF ITEM 614-MAINTAINING TRAFFIC OF THE O.D.T. CONSTRUCTION AND MATERIAL SPECIFICATIONS, AND IN COMPLIANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (O.M.U.T.C.D.). FOR TRENCH OPENINGS REQUIRING PAVEMENT AND/OR BERM OPENING PERMITS, THE APPLICANT SHALL FURNISH A MAINTENANCE OF TRAFFIC AND/OR IF REQUIRED, DETOUR PLAN TO THE CUYAHOGA COUNTY DEPARTMENT OF PUBLIC WORKS' CONSTRUCTION OFFICE FOR REVIEW AND APPROVAL.
- AGGREGATE OR PAVED SHOULDER AREAS AND NON-PAVED BERM OR TREE LAWN AREAS WITHIN THE RIGHT-OF-WAY SHALL BE RESTORED OR REPLACED IN ACCORDANCE WITH THE APPROVED PLANS OR AS DIRECTED TO MINIMALLY MATCH THEIR PREVIOUSLY UNDISTURBED CONDITIONS; ALL IN ACCORDANCE WITH THE APPLICABLE GENERAL PROVISIONS AND ITEMIZED O.D.T. SPECIFICATIONS AS DETERMINED BY THE ENGINEER OR BY THE CUYAHOGA COUNTY DEPARTMENT OF PUBLIC WORKS' CONSTRUCTION OFFICE FOR TRENCH OPENINGS REQUIRING PERMITS.

4/11

CUYAHOGA COUNTY ENGINEER

REPAIR OF FLEXIBLE  
PAVEMENT OPENINGS

CONSTRUCTION  
DRAWING MD-4C

DATE  
05-05-97  
12-07-99  
02-10-03  
08-08-05  
08-28-07  
10-10-08  
05-31-10  
06-16-11  
10-31-12



DRAWING SCALE  
0 20' 40'

DATE	BY	CHK	APP



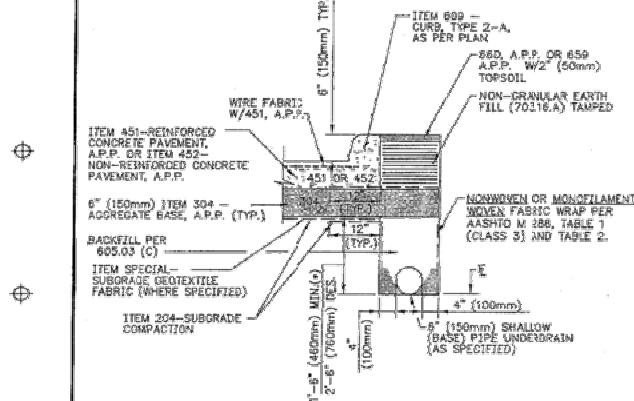
PIR 542  
East Cleveland, Cuyahoga Co.

RESTORATION  
DETAILS & NOTES

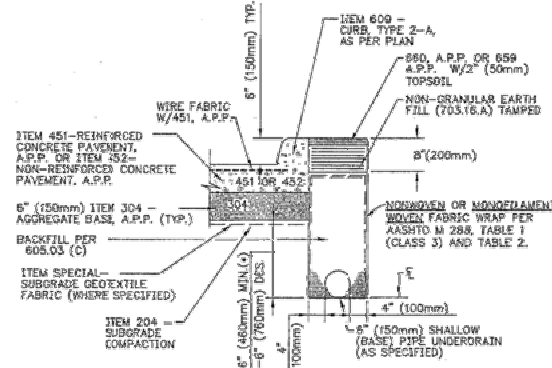
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PRODUCTION  
P400008488

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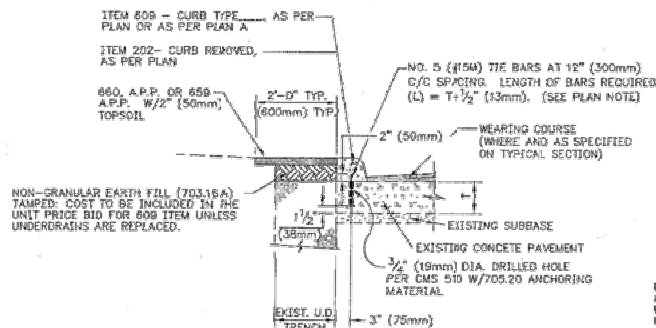
# EAST CLEVELAND RESTORATION DETAILS & NOTES



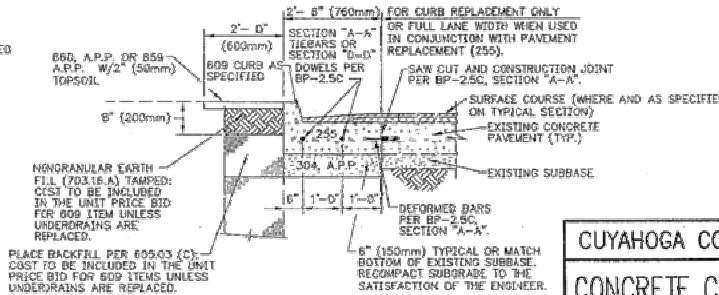
**ITEM 605-6" (150mm) SHALLOW (BASE) PIPE  
UNDERDRAINS WITH FABRIC WRAP. AS PER PLAN  
-AND-ITEM 609-CURB, TYPE 2-A, AS PER PLAN  
(PRE-PAVE UNDERDRAIN INSTALLATION-TYPICAL/PREFERRED)**



**ITEM 605-6" (150mm) SHALLOW (BASE) PIPE  
UNDERDRAINS WITH FABRIC WRAP. AS PER PLAN  
-AND-ITEM 609-CURB, TYPE 2-A, AS PER PLAN  
(POST-PAVE UNDERDRAIN INSTALLATION-  
ACCEPTABLE WHEN/IF APPROVED)**



**INTEGRAL CONCRETE CURB  
REPLACEMENT DETAIL  
METHOD "A"**



**INTEGRAL CONCRETE CURB  
REPLACEMENT DETAIL  
METHOD "B"  
(SEE BP-2.5C)**

## NOTES:

### **ITEM 605-6" (150mm) SHALLOW (BASE) PIPE UNDERDRAINS WITH FABRIC WRAP. AS PER PLAN**

805.02 MATERIALS. PIPE MATERIAL SHALL BE LIMITED TO THE PERFORATED PIPE LISTED OR OTHERWISE APPROVED AND SPECIFIED IN THE PLANS/PROPOSAL. SEE THE PLAN NOTE FOR A LIST OF PERMISSIBLE PIPE MATERIALS FOR BOTH SIX (6) INCH (150mm) AND FOUR (4) INCH (100mm) UNDERDRAIN.

FILTER FABRIC WRAP SHALL BE LIMITED TO **NONWOVEN** OR **MONOFILAMENT WOVEN** GEOTEXTILE FABRICS MEETING THE REQUIREMENTS OF AASHTO M 288, TABLE 1 (CLASS 3) AND TABLE 2.

805.03 PIPE UNDERDRAINS CONSTRUCTION. (b) LAYING UNDERDRAIN. WHEN 708.06 OR 708.09 PERFORATED BELL & SPIGOT PIPE IS SPECIFIED, THE CONTRACTOR SHALL FINISH AND INSTALL THREE (3) LUGS IN THE BELL END OF EACH ADJOINING SECTION OF PIPE TO CENTER AND ALIGN THE PIPE SECTIONS AND PROVIDE A THREE-EIGHTH (3/8) INCH (10mm) GAP BETWEEN P.P.E LENGTHS.

(c) BACKFILLING. THE GRANULAR FILTER BACKFILL MATERIAL SHALL BE LIMITED TO LIMESTONE.

(d) FOR UNDERDRAIN DEPTHS OF EIGHTEEN (18) INCH (460mm) OR LESS, SPECIFY "BASE" PIPE UNDERDRAINS, EXCEPT FOR THEIR RESPECTIVE DEPTHS AND/OR SIZE. THESE DETAILS ALSO APPLY TO "UNCLASSIFIED" OR "DECK" PIPE UNDERDRAINS, AND/OR TO FOUR (4) INCH (100mm) DIAMETER PIPE UNDERDRAINS.

### **ITEM 609-CURBING. AS PER PLAN**

SPECIFY TYPE 2-B CURB FOR INTERNAL CONCRETE PAVEMENTS WITH ASPHALT OVERLAYS. FOR NON-INTEGRAL CONCRETE CURB (TYPE 6) INSTALLED WITH RIGID AND/OR FLEXIBLE PAVEMENT, MODIFY THE CURB HEIGHT SO THAT THE BOTTOM OF CURB MATCHES THE BOTTOM OF THE PROPOSED ROAD AND/OR FLEXIBLE PAVEMENT MATERIAL(S) AND INSTALL UNDERDRAIN PER THE PREFERRED PRE-PAVE METHOD, ALL AS DETAILED ON THE PLANS.

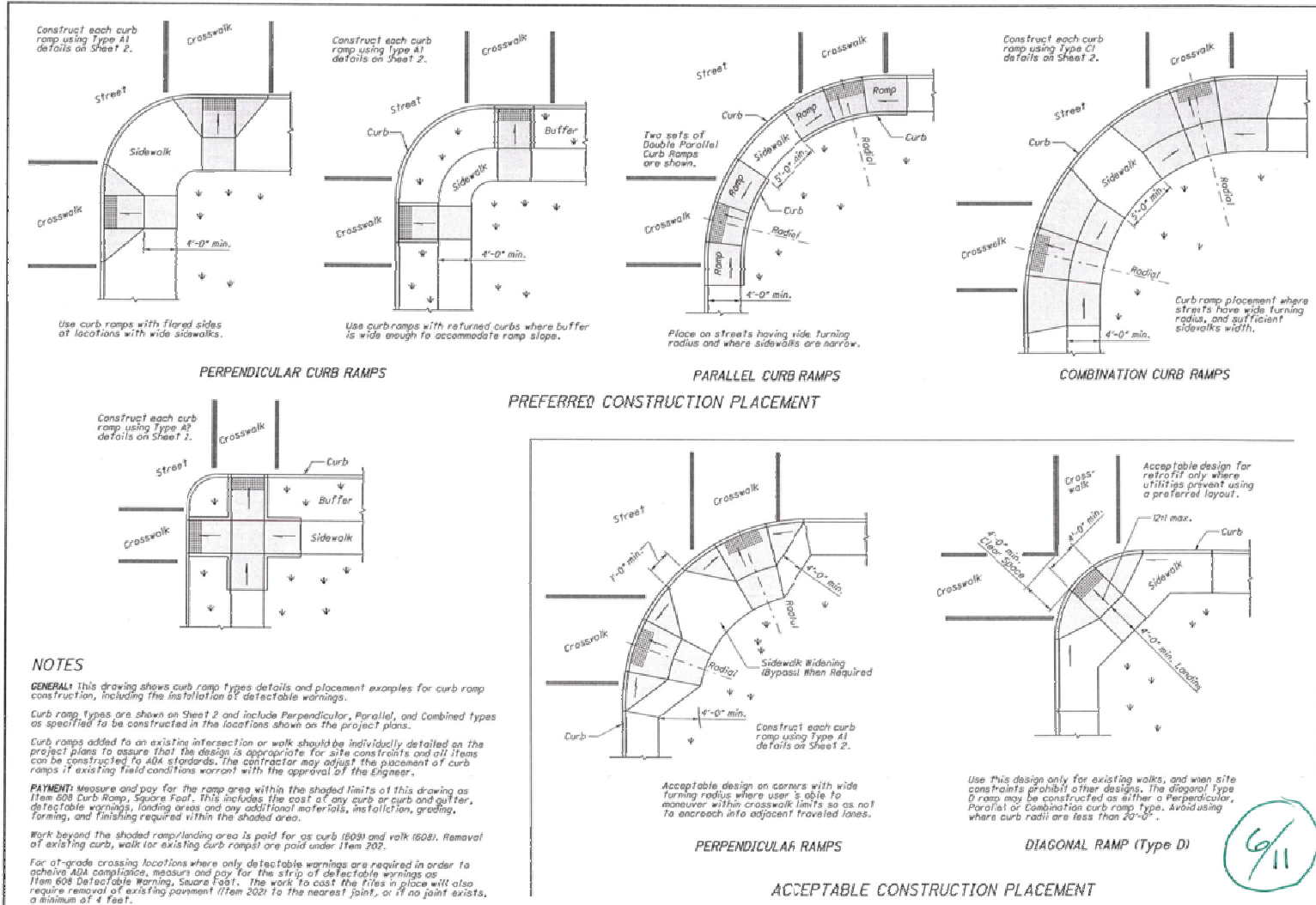
THIS DRAWING IS USED IN CONJUNCTION WITH D.D.G.T. S.C.D. BP-5.1 AND THE CUYAHOGA COUNTY ENGINEER'S CONSTRUCTION DRAWING BP-2.5C.

CUYAHOGA COUNTY ENGINEER	
CONCRETE CURB AND UNDERDRAIN DETAILS	DATE 10-29-01 02-10-03 06-11-03 08-08-05 08-28-07 10-10-08 07-07-09 05-31-10
CONSTRUCTION DRAWING	MD-1C



THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY OR COMPLETENESS OF THE DRAWINGS OR THE DESIGN OR THE CONSTRUCTION OF THE WORK. THE OWNER AGREES TO HOLD THE ENGINEER HARMLESS FROM AND AT THE RISK OF THE ENGINEER FOR ANY AND ALL DAMAGES IN CONNECTION WITH THE USE OF THE DRAWINGS.

## EAST CLEVELAND RESTORATION DETAILS & NOTES



STATE OF OHIO DEPARTMENT OF TRANSPORTATION	
ADMINISTRATOR	DATE
Supervisor	7-18-2014
DATE	
OFFICE OF ROADWAY ENGINEERING	W. RUPP
NEW CURB RAMP	
(with Detectable Warnings)	
THIS DRAWING REPLACES BP-7.1 DATED 05-05-10.	
SSS NUMBER	
BP-7.1	
1	3

NORTH

DRAWING SCALE

0 20' 40'

DATE: 01/22/2015

PRODUCTION

34

39

PIR 542

East Cleveland, Cuyahoga Co.

RESTORATION

DETAILS & NOTES

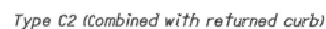
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THE OWNER DOES NOT WARRANT THE ACCURACY, SUFFICIENCY, OR COMPLETENESS OF THIS DRAFTING OR MAP FOR ANY PURPOSE, AND RELIANCE HEREON AND USE HEREOF IS AT THE RISK OF THE USER, WHO AGREES TO HOLD HARMLESS AND INDEMNIFY THE OWNER AGAINST ANY AND ALL LIABILITY IN CONNECTION WITH ITS USE.



*Type Ei (Combined with flared sides)*



## Type B1 (Single sided Parallel)






## Type B3 (Single sided Parallel)

THIS DRAWING REPLACES BP-7.1 DATED 10-15-10.

THE USER AGREES TO HOLD HANLEY AND MOOREY IN CONNECTION WITH THE USE OF THE SOFTWARE FOR ANY PURPOSE, AND RELIANCE HEREON IS AT THE RISK OF THE USER WHO AGREES TO HOLD HANLEY AND MOOREY IN CONNECTION WITH THE USE OF THE SOFTWARE.



### DOME ALIGNMENT ON RADIUS CURB

(36) 39	DATE: 01/22/2015  PROJECTOR: P400008488	<b>RESTORATION DETAILS &amp; NOTES</b>	<b>PIR 542</b> <b>East Cleveland, Cuyahoga Co.</b>	 <b>Dendralen</b>	<table> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>SHEET NO.</th> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REV	DESCRIPTION	SHEET NO.																			<p style="text-align: right;">DRAWING SCALE</p> 	 NORTH
REV	DESCRIPTION	SHEET NO.																										

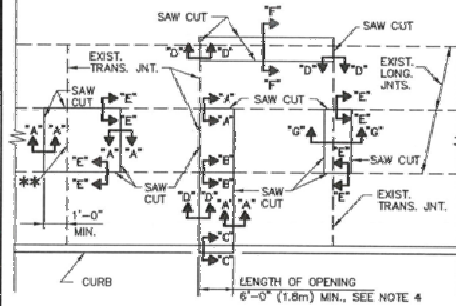


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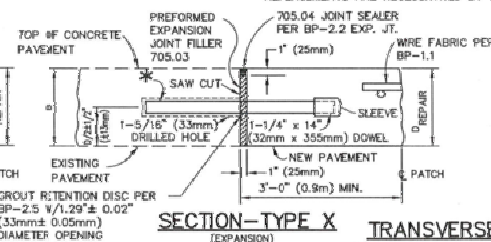
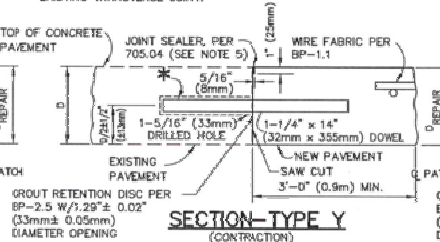
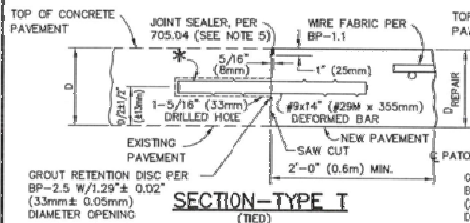
SCD NUMBER  
**BP-5.1**

9/11

# EAST CLEVELAND RESTORATION DETAILS & NOTES



PLAN  
PAVEMENT & JOINT REPAIRS



TRANSVERSE JOINT LEGEND

- (C) - PER BP-2.2 CONTRACTION JOINT (SEE NOTE 5)
- (E) - PER BP-2.2 EXPANSION JOINT
- (H) - EXISTING HINGE (WARPING) JOINT
- \*\* 705.20 ANCHORING MATERIAL

REPLACE EXISTING TRANSVERSE JOINTS PER BP-2.2 WHEN REPAIR LENGTH ON BOTH SIDES OF THE EXISTING TRANSVERSE JOINT IS A MINIMUM OF SIX (6) FEET (1.8m). REPLACE EXISTING (C) OR (E) IN KIND. REPLACE (H) WITH (C).

CUYAHOGA COUNTY ENGINEER

STRUCTURAL  
RIGID PAVEMENT  
& JOINT REPAIRS

CONSTRUCTION BP-2.5C  
DRAWING

DATE	DATE
05-05-97	05-05-97
12-07-99	12-07-99
08-15-00	08-15-00
10-29-01	10-29-01
02-10-03	02-10-03
06-11-03	06-11-03
03-01-05	03-01-05
08-28-07	08-28-07
10-10-08	10-10-08
07-07-09	07-07-09
06-16-11	06-16-11
10-31-13	10-31-13

**SECTION A-A:** THIS JOINT, WHEN CONSTRUCTED/RECONSTRUCTED LONGITUDINALLY, SHALL BE A "TYPE D JOINT" PER O.D.O.T. S.C.D. BP-2.1 (OR "SECTION - TYPE T" JOINT WHERE APPROVED BY THE ENGINEER) FOR REPAIR LENGTHS OF TEN (10) FEET (3.0m) OR MORE (SEE NOTE 5). THE DEFORMED BARS SHALL BE SPACED AT UNIFORM 24" (610mm) TO 30" (760mm) CENTERS ALONG LONGITUDINAL JOINTS (LOCATED AT THE MIDPOINTS BETWEEN THE EXISTING TIE BARS ALONG EXISTING LONGITUDINAL JOINTS) AND BEGIN OR END 12" (300mm) TO 15" (380mm) FROM TRANSVERSE JOINTS. FOR REPAIR LENGTHS LESS THAN TEN (10) FEET (3.0m), INSTALL A 1/4" (6.4mm) WIDE 705.03 BOND BREAKER (W/O TIE BARS) FOR THE FULL DEPTH/LENGTH OF PAVEMENT EXCEPT THAT THE TOP QUARTER (1/4") INCH (6.4mm) SHALL BE SEALED WITH 705.04 JOINT SEALER.

WHEN CONSTRUCTED TRANSVERSELY, THIS JOINT SHALL BE A "SECTION-TYPE T" JOINT AS DETAILED ON THIS SHEET. THE DOWELS SHALL BE SPACED AT 12" (300mm) CENTERS ALONG TRANSVERSE JOINTS (LOCATED AT THE MIDPOINTS BETWEEN THE EXISTING DOWELS ALONG EXISTING TRANSVERSE JOINTS), EXCEPT THAT A 12" (300mm) TO 18" (460mm) SPACE SHALL BE PROVIDED ADJACENT TO A TIED LONGITUDINAL JOINT AND A 12" (300mm) SPACE SHALL BE PROVIDED ADJACENT TO AN UNTIED LONGITUDINAL JOINT OR THE EDGE OF PAVEMENT.

**SECTION B-B:** THIS JOINT SHALL BE CONSTRUCTED AS A STANDARD LONGITUDINAL JOINT IN ACCORDANCE WITH O.D.O.T. S.C.D. BP-2.1 (SEE NOTE 5).

**SECTION C-C:** SEE CUYAHOGA COUNTY CONSTRUCTION DRAWING MD-1C "INTEGRAL CONCRETE CURB REPLACEMENT DETAIL, METHOD B."

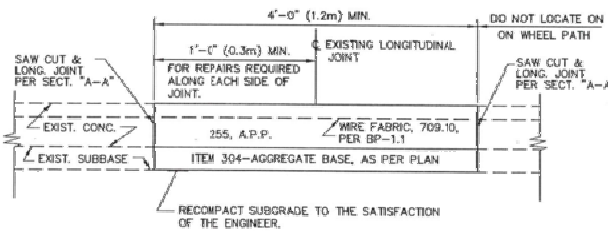
**SECTION D-D:** EXISTING CONTRACTION OR HINGE JOINTS SHALL BE RECONSTRUCTED AS A "SECTION-TYPE Y" JOINT. EXPANSION JOINTS SHALL BE RECONSTRUCTED AS A "SECTION-TYPE X" JOINT. BOTH ARE DETAILED ON THIS DRAWING. DOWELS SHALL BE INSTALLED AT 12" (300mm) CENTERS (LOCATED AT THE MIDPOINTS BETWEEN THE EXISTING DOWELS), EXCEPT THAT A 12" (300mm) TO 18" (460mm) SPACE SHALL BE PROVIDED ADJACENT TO A TIED LONGITUDINAL JOINT AND A 12" (300mm) SPACE SHALL BE PROVIDED ADJACENT TO AN UNTIED LONGITUDINAL JOINT OR THE EDGE OF PAVEMENT.

**SECTION E-E:** FOR FULL LANE WIDTH REPAIRS PERFORMED CONTINUALLY THROUGH EXISTING TRANSVERSE JOINT LOCATIONS, INSTALL A 1/4" (6.4mm) WIDE 705.03 BOND BREAKER (W/O TIE BARS) FOR THE FULL DEPTH/LENGTH OF PAVEMENT EXCEPT THAT THE TOP QUARTER (1/4) INCH (6.4mm) SHALL BE SEALED WITH 705.04 JOINT SEALER. IF REPAIR LENGTH ON ONE SIDE OF THE EXISTING TRANSVERSE JOINT IS TEN (10) FEET (3.0m) OR MORE, USE SECTION "A-A" TIED JOINT ON THAT SIDE OF THE EXISTING TRANSVERSE JOINT.

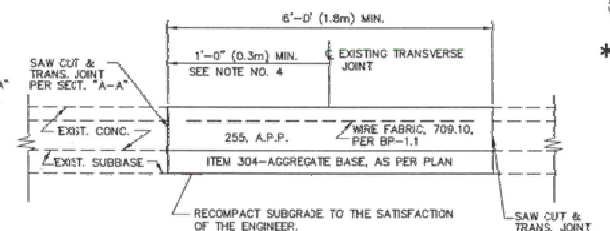
## NOTES

- FOR ADDITIONAL RIGID REPLACEMENT DETAILS, SEE O.D.O.T. S.C.D. BP-2.5. WHERE THE INFORMATION ON THIS DRAWING CONFLICTS WITH BP-2.5, THIS DRAWING SHALL GOVERN.
- THIS DRAWING IS USED IN CONJUNCTION WITH O.D.O.T. STANDARD CONSTRUCTION DRAWINGS BP-1.1, BP-2.1, BP-2.2 AND BP-2.5, AND THE CUYAHOGA COUNTY ENGINEER'S CONSTRUCTION DRAWING MD-1C.
- ALL WORK SHALL CONFORM TO ITEM 255-FILL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS CC MS, OR CC FS, AS PER PLAN, AS INDICATED IN THE PLANS. (SEE PLAN NOTE AND ALL THE DETAILS, PROPOSAL NOTES AND SPECIFICATIONS REFERENCED THEREIN.)
- EXCEPT FOR LONGITUDINAL JOINT REPAIRS (SECTION "T-T"), ALL REPAIRS ARE TO EXTEND THE FULL WIDTH OF THE LANE. OMIT WIRE FABRIC REINFORCEMENT WHEN LENGTH OF REPAIR IS LESS THAN TEN (10) FEET (3.0m) FOR "CLASS CC MS" CONCRETE ONLY. WHERE THE LENGTH BETWEEN TWO (2) SEPARATE REPAIR AREAS IN THE SAME LANE IS LESS THAN TEN (10) FEET (3.0m), COMBINE THE REPAIR AREAS INTO ONE LARGE REPAIR, ALL AS DIRECTED BY THE ENGINEER.
- THE WIDTH OF THE LONGITUDINAL JOINT (BP-2.1) AND CONTRACTION JOINT (BP-2.2) SEALANT RESERVOIRS SHALL BE 5/16" (7.9mm) ± 1/16" (1.6mm). LONGITUDINAL JOINTS (BP-2.1) AND SECTION - TYPE T JOINTS SHALL BE NEARLY FILLED FLUSH TO THE SURFACE WITHOUT EXCESS USING 705.04 JOINT SEALER. CONTRACTION JOINTS (BP-2.2) AND SECTION - TYPE Y JOINTS SHALL BE SEALED WITH 705.04 JOINT SEALER IN AN ACCEPTABLE NEAT MANNER TO APPROXIMATELY 1/8" (3.2mm) TO 1/4" (6.4mm) BELOW THE PAVEMENT SURFACE.
- SEE THE CUYAHOGA COUNTY ENGINEER'S CONSTRUCTION DRAWING MD-3C "REPAIR OF RIGID PAVEMENT OPENINGS" WHEN PAVEMENT REPLACEMENTS ARE NECESSITATED BY TRENCH OPENINGS.

## STRUCTURAL JOINT REPAIR IN RIGID PAVEMENT OR BASE



LENGTH AS DESIGNATED BY THE ENGINEER, WHEN 5'-0" (1.5m) OR LESS TO THE NEAREST TRANSVERSE JOINT, REPLACE TO JOINT. FOR HIGH-SEVERITY REPAIRS, BEGIN AND END ON TRANSVERSE JOINT LOCATIONS.



SECTION "G-G"  
TRANSVERSE JOINT REPAIR  
(FULL LANE WIDTH)



DRAWING SCALE  
1" = 12'

DATE	BY	CHK	APP
05-05-97			
12-07-99			
08-15-00			
10-29-01			
02-10-03			
06-11-03			
03-01-05			
08-28-07			
10-10-08			
07-07-09			
06-16-11			
10-31-13			



PIR 542  
East Cleveland, Cuyahoga Co.

RESTORATION  
DETAILS & NOTES

DATE: 01/22/2015  
PROJECT: P400008488

38  
39

DATE: 01/22/2015		PIR 542			
(39)	(39)	RESTORATION DETAILS & NOTES			
PROJECT NO: P-400008468		East Cleveland, Cuyahoga Co.			
				DRAWING SCALE 	



**CASE NO. 15-466-GA-BNR**  
**CONSTRUCTION NOTICE**  
**PIR #542, FOREST HILLS BOULEVARD, EAST CLEVELAND & CLEVELAND HEIGHTS,**  
**CUYAHOGA COUNTY, OHIO**  
**30-INCH HIGH PRESSURE DISTRIBUTION LINE REPLACEMENT**

**Attachment D**

List of the property owners of the existing right-of-way

List of Property Owners of the Existing Right-of-Way

Service Address		Service City Zip	Customer Name	Mail Address	Mail City Zip
1069	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633	ANN-MARIE OGLETREE	1069 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633
1070	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634	BOBBY R JENKINS	1070 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634
1075	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633	JOSEPH B PYLES	1075 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633
1076	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634	WILMA BORDEN	1076 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634
1081	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633	ERWIN HAAS	1081 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633
1082	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634	PHILLIP A LEE	1082 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634
1087	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633	KELLEE D ETHERIDGE	1087 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633
1088	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634	LLOYD E EVANS	1088 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634
1093	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633	HOWARD KING	1093 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3633
1094	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634	RONALD WILLIAMS	1094 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3634
1100	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	ABRAHAM JEFFERSON	1100 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1106	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	JIMMIE L WILSON	1106 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1111	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	H TURNER THOMPSON	1111 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
1112	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	DWAYNE DOUGLAS	1112 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1118	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	YVONNE WOODROUFF	1118 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1119	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	MINNIE R SPOON	1119 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
1124	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	ROBERT L JACKSON	1124 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1127	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	DEBORAH G HALL	1127 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
1130	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	DORIS HUTCH	1130 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1130	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	DORIS HUTCH	1130 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1135	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	GLORIA J. STRONG	1135 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
1136	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	OTIS PENICK	1136 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1142	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636	WILLIAM F FROST	1142 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3636
1143	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	BRYAN C BAILEY	1143 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
1151	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	VICTOR RUCKER	1151 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
1159	CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635	CLAUDIA MANNINGHAM	1159 CARVER RD	CLEVELAND HEIGHTS,OH 44112-3635
3180	CHELSEA DR	CLEVELAND HEIGHTS,OH 44118-1225	RONALD A DEVITO	3180 CHELSEA DR	CLEVELAND HEIGHTS,OH 44118-1225
1290	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1240	AGNES P CARSON	1290 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1240
1300	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1242	ERNESTINE NEAL	1300 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1242
1301	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241	THOMAS S WATSON	1301 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241
1309	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241	PAMELA D BRADLEY	1309 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241
1310	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1242	WILLIAM P HOUSTON	1310 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1242
1315	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241	BRUCE A MCALPINE	1315 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241
1321	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241	URSULA DEWEAVER	1321 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1241
1345	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1361	SHALINI M BOODRAM	1345 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1361
1350	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359	CARL MENESEE	1350 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359
1355	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1361	MICHAEL D BROOKS	1355 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1361
1356	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359	WEN H KO	596 VALERI RUTH CT	SANTA CLARA,CA 95050-5578
1364	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359	H DWIGHT JOHNSON	1364 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359
1365	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1361	DELORES HASAN-KING	1365 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1361
1372	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359	DOUGLAS ROSE	1372 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359
1380	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359	EDWARD SOYKA	1380 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359
1385	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1360	WALLACE SMITH	1385 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1360
1390	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359	VANESSA C HANDLER	1390 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1359
1395	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1360	GAMERIA BLAKE-SMITH	1395 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1360
1400	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1358	JASON D CALLOWAY	1400 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1358
1412	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1358	LYDIA F GLAUDE	1412 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1358
1420	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1358	SALADA M STOKES	1420 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1358
1425	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1364	GREGORY JONES	1425 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1364
1435	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1364	EADIE L SCOTT	1435 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1364
1450	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1367	ALLISON DUNKERTON	1450 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44118-1367
15590	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4043	FREDERICK D JEFFERSON	15590 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4043
15611	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4046	SAHARA L EATON	15611 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4046
15620	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4044	GEORGE HILL	15620 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4044
15643	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4046	DIANA FLETCHER	13904 NORTHFIELD AVE	EAST CLEVELAND,OH 44112-3204
15650	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4044	MARY H SEAWRIGHT	7510 CEDAR AVE	CLEVELAND,OH 44103-4928
15680	FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4044	JAMES BANNERMAN	15680 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4044
15730	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4047	HATTIE R HELM	15730 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4047
15731	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4048	DAVID L MUNFORD	15731 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4048
15786	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4047	SADIE L GOVER	3162 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1244
15787	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4048	MARLIN B PICKENS	15787 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4048
15819	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4051	EARLENE BOZEMAN	15819 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4051
15820	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4049	STEPHANIE E CROSS	15820 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4049
15857	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4051	WILLIE A HARVEY	15857 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4051
15858	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4049	DANA D BRADLEY	15858 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4049
15890	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4049	PAMELA M SWAILS	15890 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4049
15891	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4051	BARBARA MARSHALL	15891 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4051
15922	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4052	DAMITA D MORROW	15922 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4052
16064	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4050	MURIEL WILSON-DEAN	16064 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4050
16096	FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4050	KEITH MOORE	16096 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4050



Service Address	Service City Zip	Customer Name	Mail Address	Mail City Zip
16128 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4053	YVONNE MARCUS	16128 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4053
16156 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4053	MARY L GATES	16156 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4053
16173 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4054	LARRY HOWARD	16173 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4054
16196 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4053	ALBERTA O HUFF	16196 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4053
16215 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4056	LOIS J LAMPKIN	16215 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4056
16228 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4055	BRIDGETT L BROWN	16228 FOREST HILLS BLVD	EAST CLEVELAND,OH 44112-4055
16237 FOREST HILLS BLVD	CLEVELAND HEIGHTS,OH 44112-4056	AIESHA K SIDDIQ	2185 E 39TH ST	CLEVELAND,OH 44115-3018
3347 HOLLISTER RD	CLEVELAND HEIGHTS,OH 44118-1325	ROSEMARY J KLEE	3347 HOLLISTER RD	CLEVELAND HEIGHTS,OH 44118-1325
3353 HOLLISTER RD	CLEVELAND HEIGHTS,OH 44118-1325	ALYSHA MEMON	3353 HOLLISTER RD	CLEVELAND HEIGHTS,OH 44118-1325
3296 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1316	RUBY L ADAMS	3296 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1316
3302 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	MARGARET A ROSE	3302 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3308 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	MATTIE DURHAM	3308 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3314 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	MYRNA CLARK	3314 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3315 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1387	CARLOS MURPHY	6505 ROCKSIDE RD STE 400	INDEPENDENCE,OH 44131-2386
3320 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	RENNIE HOUCK	3320 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3321 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1387	ANDRINA C GRIFFIN	3321 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1387
3326 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	VICTORIA MOSLEY	3326 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3327 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1387	STEVE B JENKINS	3327 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1387
3331 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317	CHARLES W CHAMBLESS	3331 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317
3332 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	ALFRED H MCKINNEY	3332 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3338 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	CONNIE F BARNES	3338 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3339 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317	THEODORE COWSER	3339 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317
3344 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	ROBERT E FLANIGAN	3344 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3345 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317	RALPH BRUSSEE	3345 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317
3350 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	ANNIE E HENDRICKS	3350 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3351 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317	ALBERT BELL	3351 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1317
3356 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	CHRISTOPHER J ARNOLD	3356 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3361 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1331	MARY DAVIS	3361 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1331
3362 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	DAVID O RICE	3362 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3367 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1331	GILBERT CROLEY	3367 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1331
3368 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	GWENDOLYN JOHNSON	3368 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3373 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1331	SHARON A WEEKS	3373 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1331
3374 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318	CHRISTINE M JOHNSON	3374 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1318
3384 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1332	MICHAEL W PIERCE	3384 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1332
3389 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1353	ROSALYN O YOUNG	3389 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1353
3390 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1332	WILLIAM L WILLIAMS	3390 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1332
3395 MONTICELLO BLVD	CLEVELAND HEIGHTS,OH 44118-1353	WELCOME HOUSE INCORPORATED	802 SHARON DR # 802	WESTLAKE,OH 44145-1521
1130 MOUNT VERNON BLVD	CLEVELAND HEIGHTS,OH 44112-3658	WILLIAM HEAD	1130 MOUNT VERNON BLVD	CLEVELAND HEIGHTS,OH 44112-3658
1140 MOUNT VERNON BLVD	CLEVELAND HEIGHTS,OH 44112-3621	DEADRA HAYNES	1140 MOUNT VERNON BLVD	CLEVELAND HEIGHTS,OH 44112-3621
1141 MOUNT VERNON BLVD	CLEVELAND HEIGHTS,OH 44112-3659	LOUISE A KATES	1141 MOUNT VERNON BLVD	CLEVELAND HEIGHTS,OH 44112-3659
3555 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3645	CHIQUITA A MCARTHUR	3555 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3645
3561 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3645	JACQUELINE HARRIS	3561 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3645
3579 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3645	EVELYN ASHFORD	3579 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3645
16001 NORTHVALE BLVD	EAST CLEVELAND,OH 44112-3614	PERCEL DAVIS	16001 NORTHVALE BLVD	CLEVELAND HEIGHTS,OH 44112-3614
3380 RUMSON RD	CLEVELAND HEIGHTS,OH 44118-1355	CAROL S SCOTT	3380 RUMSON RD	CLEVELAND HEIGHTS,OH 44118-1355
1085 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3652	BIRDIE A COLES	1085 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3652
1091 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3652	ISAIAH L RUCKER	1091 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3652
1094 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3619	R JOSEPH	1094 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3619
1097 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3652	SLYVIA HICKS	1097 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3652
1100 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	MIRIAM H HARGATE	1100 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1103 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	HAROLD M THOMAS	1103 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1106 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	RUBIE L WOOD	1106 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1109 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	DAVID SMOTZER	1109 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1112 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	MYRA L ROBERSON	1112 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1115 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	JAY A NESBIT	1115 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1118 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	CARUSO S IVEY	1118 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1121 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	WINSTON D WALKER	1121 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1124 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	JUDITH C CLAGHORN	1124 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1127 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	TERRY R LEWIS	1127 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1130 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	CARL HEINL	1130 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1133 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	WESLEY TOLES	1133 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1136 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	NAOMI AESHA SHABAZZ	1136 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1139 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653	TIMOTHY BELL	1139 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3653
1142 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	JO ANN WHITE	1142 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
1148 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654	JAMES PERDUE	1148 RUTHERFORD RD	CLEVELAND HEIGHTS,OH 44112-3654
2264 WALDEN RD	EAST CLEVELAND,OH 44112-4035	CHANTELLE C LEWIS	2264 WALDEN RD	EAST CLEVELAND,OH 44112-4035
2265 WALDEN RD	EAST CLEVELAND,OH 44112-4034	ERNEST J HARRIS	2265 WALDEN RD	EAST CLEVELAND,OH 44112-4034
2272 WALDEN RD	EAST CLEVELAND,OH 44112-4035	SANDRA P FANTROY	2272 WALDEN RD	EAST CLEVELAND,OH 44112-4035
2275 WALDEN RD	EAST CLEVELAND,OH 44112-4034	CAROL WALKER	2275 WALDEN RD	EAST CLEVELAND,OH 44112-4034
2282 WALDEN RD	EAST CLEVELAND,OH 44112-4035	GEORGE HUGHES	2282 WALDEN RD	EAST CLEVELAND,OH 44112-4035

**CASE NO. 15-466-GA-BNR**  
**CONSTRUCTION NOTICE**  
**PIR #542, FOREST HILLS BOULEVARD, EAST CLEVELAND & CLEVELAND HEIGHTS,**  
**CUYAHOGA COUNTY, OHIO**  
**30-INCH HIGH PRESSURE DISTRIBUTION LINE REPLACEMENT**

**Attachment E**

Letter to property owners sent November 22, 2013  
Second notice to property owners – Model 050 (will be filed later)



November 22, 2013

# 000001680

I=0000

FOREST HILLS BLVD  
CLEVELAND HEIGHTS OH 44118-1240

**ACCOUNT NO:**

**SERVICE ADDRESS:**  
FOREST HILLS BLVD  
CLEVELAND HEIGHTS OH 44118-1240

**Subject: Natural Gas Main Line Replacement Study**

In the coming weeks, Dominion East Ohio will evaluate the need to replace one or more gas main lines in your neighborhood. Once the study is underway, you may notice Dominion employees or contractors in your neighborhood performing survey work, staking the pipeline route and conducting other activities. Please do not remove the markers from the ground if we do stake the pipeline route.

We will advise you, as well as your municipality, should we determine a need to replace any main lines in your neighborhood. Before we would start any replacement work, we would provide additional information to you, including a projected start time.

Safety is Dominion's highest priority. We evaluate gas lines regularly for safety and security of service. We would like to stress that the existing pipeline is safe and does not pose a safety concern. Should the replacement project move forward, be assured we will take every possible step to ensure the security of the area, your property, yourself and your family, and our employees. If you want to know more about Dominion East Ohio's mainline replacement work, visit your website at [www.dom.com](http://www.dom.com), keyword: **Pipeline Replacement**, call our Construction Support Department at 1-800-544-5768, Monday through Friday, from 7 a.m. to 7 p.m. or send an email to [OhioConstructionSupport@dom.com](mailto:OhioConstructionSupport@dom.com).

Thank you for your patience and understanding as we evaluate the conditions of our main lines and make improvements to provide you the safest and most reliable gas service possible.

Sincerely,

Customer Service Center  
Dominion East Ohio

## 050 Model Letter

\*CurrDate\*

\*Mail Label Line 1\* OR OCCUPANT **ACCOUNT NO:**

\*Mail Label Line 2\* +00000000000000

\*Mail Label Line 3\* **SERVICE ADDRESS:**

\*Mail Label Line 4\* \*Addr Service Street\*

\*Mail Label Line 5\* \*AddrServ.CityState\*

\*Mail Label Line 6\*

### **Subject: Natural Gas Main Line Replacement Planned**

\*EAST OHIO GAS\* plans to replace one or more gas main lines in your neighborhood. Work is scheduled \*UVar1\*.

We will perform the main line work in the public Right-of-Way, which includes the tree lawn area. This may require removal of obstructions located in the Right-of-Way. When we arrive at your home or business, we may need to turn off your gas service for a period of time to perform our work, which may include a replacement of the service line from the main line to the gas meter.

In order to complete this work, we need your help.

- We need an adult 18 years of age or older to provide access to relight your appliances after our work has been completed.
- We need clear access to the meter. Servicing a blocked meter is difficult and can be a safety hazard in an emergency. Please clear an area around it, making sure it is visible and accessible. If the meter is outside, remember to trim or remove plant life around the meter, such as tree branches, bushes or poison ivy. Also, please restrain your pets when we are scheduled to be working at your home.
- If a problem is discovered with a gas appliance or any of the house lines, which run from the gas meter to the natural gas appliances, it is the responsibility of the property owner to have the repairs made by a qualified plumber or contractor.

A Dominion employee or an authorized contactor will attempt to notify you 24-48 hours prior to this work to coordinate our project schedule.

If we are unable to reach you and your gas service has been left off, please contact us at anytime at \*PhonCallCen\*. If you call us after 7 p.m. weekdays or on the weekend, remain on the line so that our dispatch center can schedule a day to restore your gas service. **For safety reasons, it is important that Dominion representatives perform this work.** We cannot be responsible for potential damage to persons or property caused by anyone other than Dominion personnel restoring gas service. Please wait for our representative to do it.

Once the work is complete, with the exception of winter construction projects, restoration will begin as soon as weather permits. Final restoration of winter construction projects will not begin until after April 1. Typical yard restoration is limited to grading and seeding. **It is the responsibility of the resident, once restoration is completed, to water the area daily to bring about optimal growth.**

Safety is Dominion's highest priority. Be assured we will take every possible step to ensure the security of the area, your property, yourself and your family, and our employees. Any employee or contractor that will need to access inside gas equipment will carry a Dominion photo ID.

Our intent is to cause the least amount of inconvenience to you during construction. There will be informational signs posted. General information about main line replacement efforts is available on our Web site at [www.dom.com](http://www.dom.com), keyword: **Pipeline Replacement**, and by phone at 1-800-544-5768. If you have specific questions, you are always free to ask our employees or contractors in the area. You may also call our Ohio Construction Support Department at the phone number above Monday through Friday, from 7 a.m. to 7 p.m. or send an e-mail to [OhioConstructionSupport@dom.com](mailto:OhioConstructionSupport@dom.com).

Thank you for your patience and understanding as we work to improve our lines to provide you the safest and most reliable gas service possible.

## **\*EAST OHIO GAS\***

### **FREQUENTLY ASKED QUESTIONS**

**1. Is my existing pipeline safe?**

Yes, the existing main line is safe. These enhancements are being conducted to meet all U.S. Department of Transportation's 192 Pipeline Integrity Regulations and requirements as part of a 25-year program.

**2. When will the work start and how long will it take?**

**\*EAST OHIO GAS\*** will schedule Pipeline Infrastructure Replacement program work in various neighborhoods throughout our service territory. We will notify you in advance of when we anticipate preliminary work to start on your property. Preliminary work may consist of surveying and staking the pipeline route and any other activity as required by the project. You will also be notified prior to the start of construction in the form of a letter, a phone call and/or a door tag.

**3. Will there be an interruption in gas service?**

If we are working on your gas line, we will need to turn off your service for a short period of time. Once work is complete, we will test your gas lines, restore service and relight your appliances if there is an adult 18 years of age or older present. If there is not an adult present, we will leave a door tag asking you to call us to have your service restored when an adult is present.

**4. Do I need to be home during construction?**

No, you do not need to be home when we are working on your street. However, if there is active gas service at the location and it is interrupted due to construction, an adult 18 years of age or older will need to give us inside access to the home or business so that we can restore service and relight the appliances.

**5. Will you need access to the gas meter?**

We may need access to the gas meter and a three-foot area cleared around the meter in order to do our work. If an on-site inspector schedules an appointment with you, please take whatever steps are necessary to remove any obstructions so that we can reach the meter.

**6. Will you maintain sidewalk and traffic access?**

Yes. Our goal is to maintain sidewalk access and an open lane of traffic at all times, including evenings and weekends. There may be brief periods of time when sidewalk or street access is blocked due to actual construction.

**7. Will street parking be allowed?**

Temporary parking restrictions may be necessary in some areas and signs will be posted where parking is banned. Public safety and traffic flow are top concerns.



**8. Will you need to dig in my yard - and if so, who's going to fix it?**

Because natural gas pipelines are buried, some digging will be necessary in the public Right-of-Way, which includes the tree lawn area. If your service line, which is an underground pipe that runs from the street to the gas meter, needs to be replaced, we may need to dig on your property near the meter. Before we would do any work on private property, we would personally contact you or the landowner. Once work is complete, the restoration of yards, sidewalks and pavement will be done as quickly as possible. Typical yard restoration is limited to grading and seeding.

**9. What about trees?**

Dominion will do whatever it can to employ construction techniques that are intended to protect trees and not disturb their health during the project. If damage does occur, Dominion will remove the tree professionally to maintain a safe environment for residents and the general public. For the integrity of the new piping, trees cannot be replaced. Any sidewalk that is damaged or removed during construction will be replaced according to city specification and standards.

**10. What safety standards will be enforced on this project?**

All Dominion Standard Safety and Operating Procedures along with all laws, regulations and ordinances that apply will be enforced on this project.

**11. Will the location of the underground utility lines be marked prior to the start of construction?**

Yes. All \*EAST OHIO GAS\* underground utilities will be marked prior to the start of construction. We will also contact the Ohio Utilities Protection Service (OUPS) and they will notify other member utilities to mark the location of their underground pipes or wires. Please do not remove the flags and markers from the ground. If you have a pet containment system and/or a sprinkler system, it is your responsibility to mark the location of these systems.

**12. Is there any additional cost to me for this work?**

As part of the program's cost recovery approved by the Public Utilities Commission of Ohio (PUCO), an additional rider is added to your monthly bills, which began in November 2009. This rider may increase annually as the program progresses, upon review by the PUCO. Most customers will not experience any other additional costs associated with this work. There are two possible exceptions:

- \*EAST OHIO GAS\* will cover the cost of necessary repairs or replacements to the service line (the piping that connects the main line with the gas meter), **unless** the line must be repaired or replaced as a result of damage caused by the property owner, the customer or another party.
- For faulty gas lines running from the meter to the gas equipment, as well as faulty appliances or equipment, it is the responsibility of the homeowner to hire a qualified contractor to address the issue(s). For your safety reasons, we will not turn the gas service back on until the issue(s) are corrected. Any faulty gas appliances will be red-tagged and it will be the customer's responsibility to have the appliance repaired.

**13. Will you need much space to work?**

Large equipment, such as backhoes and shoring equipment, will be used during construction and is necessary to replace and install any pipeline. This space allows Dominion the width necessary to lay, maintain and operate the pipelines in a safe construction zone.

**14. Should I notify you if I have added any additional appliances that significantly increase my natural gas usage?**

Yes, please contact us at 1-800-544-5768 or e-mail us at [OhioConstructionSupport@dom.com](mailto:OhioConstructionSupport@dom.com) if you've added any appliances that significantly increase your natural gas usage (for example, a natural gas pool heater or generator).

**15. How can I get answers to my specific questions?**

You can ask the \*EAST OHIO GAS\* representative who will be in your neighborhood, call our Construction Support team at 1-800-544-5768 or e-mail us at [OhioConstructionSupport@dom.com](mailto:OhioConstructionSupport@dom.com).

**CASE NO. 15-466-GA-BNR**  
**CONSTRUCTION NOTICE**  
**PIR #542, FOREST HILLS BOULEVARD, EAST CLEVELAND & CLEVELAND HEIGHTS,**  
**CUYAHOGA COUNTY, OHIO**  
**30-INCH HIGH PRESSURE DISTRIBUTION LINE REPLACEMENT**

**Attachment F**

List of Officials Who Will Receive a Copy of the Construction Notice (BNR)

Armond Budish  
Cuyahoga County Executive  
Cuyahoga County Council  
2079 East Ninth Street  
Cleveland, OH 44115

Glenn Coyne  
Cuyahoga County Planning Commission  
2079 East 9th Street, Suite 5-300  
Cleveland, OH 44115

Cuyahoga County Department of Public Works  
2079 East Ninth Street  
Cleveland, OH 44115

Larry Benders  
Director of Development  
Cuyahoga County Department of Development  
2079 East Ninth Street  
Cleveland, OH 44115

Mayor Gary Norton, Jr.  
City of East Cleveland  
14340 Euclid Avenue  
East Cleveland, OH 44112

Solandra Wallace  
Building and Housing Manager  
City of East Cleveland  
14340 Euclid Avenue  
East Cleveland, OH 44112

Mayor Dennis R. Wilcox  
City of Cleveland Heights  
40 Severance Circle  
Cleveland Heights, OH 44118

Alex Mannarino  
City of Cleveland Heights  
Director of Public Works  
40 Severance Circle  
Cleveland Heights, OH 44118

Richard Wong  
Planning and Development Director  
City of Cleveland Heights Planning Commission  
40 Severance Circle  
Cleveland Heights, OH 44118

**CASE NO. 15-466-GA-BNR  
CONSTRUCTION NOTICE  
PIR #542, FOREST HILLS BOULEVARD, EAST CLEVELAND & CLEVELAND HEIGHTS,  
CUYAHOGA COUNTY, OHIO  
30-INCH HIGH PRESSURE DISTRIBUTION LINE REPLACEMENT**

**Attachment G**

Sample Transmittal Letter to Local Public Officials enclosing a copy of the Construction Notice is attached.



COLUMBUS | Cleveland  
CINCINNATI-DAYTON  
MARIETTA

**BRICKER & ECKLER LLP**  
100 South Third Street  
Columbus, OH 43215-4291  
MAIN: 614.227.2300  
FAX: 614.227.2390

www.bricker.com  
info@bricker.com

**Sally W. Bloomfield**  
614.227.2368  
sbloomfield@bricker.com

March 9, 2015

ADDRESS  
ADDRESS  
ADDRESS

**Re: Construction Notice for PIR #542, Forest Hills Boulevard Project,  
Cuyahoga County, Ohio, East Cleveland & Cleveland Heights, Ohio,  
30-Inch High Pressure Distribution Line Replacement<sup>1</sup>,  
OPSB Case No. 15-466-GA-BNR**

Dear

Dominion East Ohio Gas is planning to replace approximately 4,440 feet of existing 26-inch high-pressure bare steel with 4,510 feet of 30-inch fusion bond epoxy steel .375W by grade X60.

This construction project will run on the north and south sides of Forest Hills Boulevard in the tree lawn area between Lee Road in East Cleveland and Mayfield Road in Cleveland Heights, Ohio.

The enclosed Construction Notice has been filed today with the Ohio Power Siting Board ("Board").

In accordance with the provisions of Ohio Administrative Code (OAC) Rule 4906-1-01, Appendix B, this project falls within the Board's requirements for a Construction Notice. Therefore, in compliance with OAC Rule 4906-11-02 of the Board's rules and regulations, we have prepared and filed the attached Construction Notice with the Board for its review and approval. These materials contain a description of the replacement pipeline.

If you have any questions or require additional information, please call Mark Schaeffer at (216) 973-9226.

Sincerely,

Sally W. Bloomfield

Enclosure

<sup>1</sup> There will also be a replacement of approximately 12,060 feet of non-jurisdictional 4, 6, and 8-inch low-pressure pipeline.

**CASE No. 15-466-GA-BNR**  
**CONSTRUCTION NOTICE**  
**PIR #542, FOREST HILLS BOULEVARD, EAST CLEVELAND & CLEVELAND HEIGHTS,**  
**CUYAHOGA COUNTY, OHIO**  
**30-INCH HIGH PRESSURE DISTRIBUTION LINE REPLACEMENT**

**Attachment H**

Copies of the applications/notices are attached.



July 1, 2014

Greg Eastridge  
Environmental Specialist  
320 Springside Drive, Suite 320  
Akron, Ohio 44333

Re: **The East Ohio Gas Company, Pipeline Infrastructure Replacement Program  
PIR 542**  
*Project Number 6660*

Dear Mr. Eastridge:

On June 3, 2014, an EnviroScience biologist visited the above referenced site for an ecological assessment of the property to evaluate the project area for the presence of streams, wetlands, and any other sensitive resources. No wetlands or streams were identified in the project area. Site maps are included in Attachment A and site photographs are in Attachment B.

An area of approximately 18.0 acres was surveyed for the replacement of approximately 16,550 feet of existing natural gas pipeline (4, 6, 8, 20, and 30 inch diameter). The PIR 542 project follows along the existing PIR 542 pipeline in the City of East Cleveland and the City of Cleveland Heights, Cuyahoga County, Ohio (Attachment A; Figure 1). The project area is located within the public road right-of-way (ROW) of 100 feet (50 feet on either side of the center line) along Forest Hills Boulevard and Monticello Boulevard; 70 feet (35 feet on either side of the center line) along Lee Boulevard; 60 feet (30 feet on either side of the center line) along Walden Road; and 50 feet (25 feet on either side of the center line) along Carver Road and Rutherford Road. The project area is within residential property.

The project area is located on the East Cleveland Quadrangle (Figure 2; Attachment A) of the United States Geological Survey (USGS) 7.5-minute topographic map. The land slopes gently downward towards the west with approximate elevations of 830 to 920 feet above mean sea level. The National Wetlands Inventory map (East Cleveland Quadrangle) is shown on Figure 3 (Attachment A). No mapped wetlands are located within the project area. One (1) palustrine unconsolidated bed, intermittently exposed open water pond is depicted just northwest of the project area. The soils map was accessed from the Soil Survey Geographic (SSURGO) Database and is shown on Figure 4 in Attachment A. Three (3) soil types are depicted within the project area and are listed in Table 1. One (1) soil type, UnB, is listed as predominately non-hydric. Both LuC and MtA are not hydric soil types.



5070 Stow Road  
Stow, OH 44224

**Table 1. Soil Types Found in Project Area.**

Symbol	Soil Type	Status
LuC	Loudonville-Urban land complex, rolling	Not Hydric
MtA	Mitiwanga silt loam, 0 to 2 percent slopes	Not Hydric
UnB	Urban land-Mitiwanga complex, undulating	Predominantly Non-Hydric

The project area is located within residential property (Attachment A; Figure 5). No wetlands or streams were identified within the project area. Typical vegetation within the lawns of the residential property includes Kentucky bluegrass (*Poa pratensis*, FACU), meadow fescue (*Schedonorus pratensis*, FACU), common dandelion (*Taraxacum officinale*, FACU), common plantain (*Plantago major*, FACU), purple deadnettle (*Lamium purpureum*, UPL), white heath aster (*Symphotrichum ericoides*, FACU), and white clover (*Trifolium repens*, FACU). Typical shrubs within the residential lawns includes chokecherry (*Prunus virginiana*, FAC) and arborvitae (*Thuja occidentalis*, FACU). Typical trees within the residential lawns and tree lawns include sugar maple (*Acer saccharum*, FACU), red maple (*Acer rubrum*, FAC), shagbark hickory (*Carya ovata*, FACU), silver maple (*Acer saccharinum*, FACW), and red oak (*Quercus rubra*, FACU), and American elm (*Ulmus americana*, FACW).

The federally listed species whose range includes Cuyahoga County are: the federally endangered Indiana bat (*Myotis sodalis*), the potentially endangered northern long-eared bat (*Myotis septentrionalis*), the federally endangered Kirtland's warbler (*Dendroica kirtlandii*), the federally endangered piping plover (*Charadrius melodus*), and the proposed as threatened rufa red knot (*Calidris canutus rufa*).

Living or dead trees with shedding or peeling bark or cavities may serve as roosting trees for the Indiana bat and/or the northern long-eared bat. Twelve (12) potential habitat trees exist within the project area. These potential roost trees (PRTs) are silver maple (*Acer saccharinum*), and red oak (*Quercus rubra*) with diameter at breast height (dbh) measurements of 14.5 to 34 inches. The PRTs had 100 percent solar exposure, peeling bark and holes. Because of the size and solar exposure, eleven (11) of these trees may be considered potential maternity roost trees (PMRTs) by the U.S. Fish and Wildlife Service (USFWS). If these trees must be cleared for the pipeline replacement project, formal consultation with USFWS should be conducted. If not, the East Ohio Gas Company (EOG) Categorical Exclusion Agreement with USFWS dated January 16, 2014, may be applied to this project with respect to the Indiana bat and/or the northern long-eared bat.

Kirtland's warbler nests in jack pine stands. No habitat for Kirtland's warbler was observed on site. Preferred habitat for the piping plover is beaches along the shores of Lake Erie. No habitat for the piping plover exists within the project area. The rufa red knot is a migratory shorebird that utilizes tundra areas with sparsely vegetated hillsides as breeding habitat. Outside of breeding season, the rufa red knot is primarily found in

intertidal, marine habitats, near coastal inlets, estuaries, and bays. No habitat for this species exists within the project area.

The bald eagle nests in large trees near water. No bald eagle habitat was observed within or adjacent to the project area. In addition, according to the EOG Categorical Exclusion Agreement with USFWS dated January 16, 2014, Cleveland Heights Township in Cuyahoga County has no known occurrence of bald eagle nesting sites. No further coordination with USFWS is required for this project.

### **Agency Coordination and Permits**

Based on the site plans for the PIR 542 project, no aquatic resources exist within the project area and none will be impacted by this project. Therefore, a U.S. Army Corps of Engineers (Corps) Nationwide Permit or Ohio EPA Water Quality Certification will not be required for this project.

No federally listed species were observed or are known to exist within the project area. No listed species or critical habitats will be affected within the project area and a determination of "no effect" on listed species, their habitats, or proposed or designated critical habitat has been concluded. Based on the EOG Categorical Exclusion Agreement with USFWS dated January 16, 2014, no formal consultation would be required with USFWS. Coordination with the Ohio Department of Natural Resources (ODNR) is still recommended prior to project initiation to ensure compliance with the Endangered Species Act.

This project will result in a maximum earth disturbance of 18.0 acres assuming the above listed ROW widths within the project area. However, based on the site and size of pipe this amount will likely be reduced. A Stormwater Pollution Prevention Plan (SWPPP) should be prepared in accordance the Ohio Rain Water and Land Development Manual for projects with earth disturbance greater than one (1) acre. In order to stay below the one (1) acre threshold for SWPPP preparation, 2.6 foot wide earth disturbance limits would need to be maintained along the replacement of 16,550 feet of pipe. Therefore, if earth disturbance is anticipated to be greater than 2.6 feet wide (for the 16,550 feet of pipe), a SWPPP will need to be prepared prior to construction.

The PIR 542 project is located within the NEORSD Combined Sewer Service Area. The National Pollution Discharge Elimination System (NPDES) General Construction Site Stormwater Permit OHC000004 through the Ohio EPA is not required for projects within the NEORSD Combined Sewer Service Area. However for projects resulting in earth disturbance greater than one (1) acre within the City of East Cleveland and/or the City of Cleveland Heights, a SWPPP review is required. In addition, the Cuyahoga County Soil and Water Conservation requires a SWPPP review for projects with greater than one (1) acre of earth disturbance within the City of Cleveland Heights.

This project does not require coordination with OHPO based on Section 106 of the National Historic Preservation Act (NHPA). No further consultation with OHPO is required for this project based on the current site plans. The westernmost portion of the project are is located within the Forest Hill Park Historic District, coordination with the City of Cleveland Heights regarding work within this historic district is in progress.

Please feel free to contact me with any questions or concerns; I can be reached at (330) 688-0111 or via email at [EKennedy@EnviroScienceInc.com](mailto:EKennedy@EnviroScienceInc.com).

Respectfully,

A handwritten signature in blue ink, appearing to read "Emmalisa Kennedy", with a stylized flourish at the end.

Emmalisa Kennedy  
Wetland Ecologist

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**3/6/2015 4:27:15 PM**

**in**

**Case No(s). 15-0466-GA-BNR**

Summary: Application of Dominion East Ohio continued - Attachments C (Continued) - Attachment H electronically filed by Teresa Orahod on behalf of Sally Bloomfield