

CITY OF FOREST HILLS DAVIDSON COUNTY, TENNESSEE

PW 2020-02 STREET SIGN MAINTENANCE

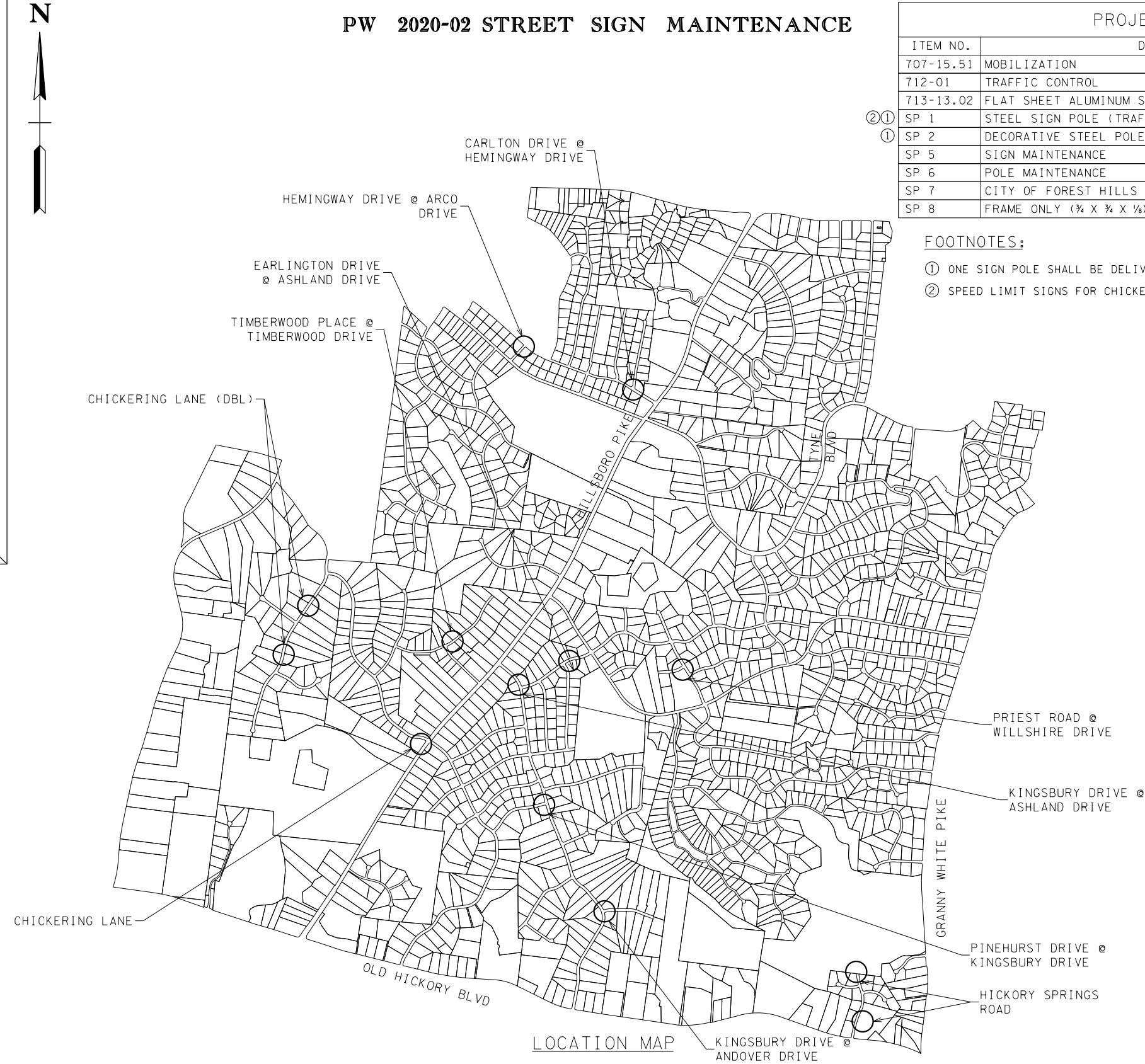
PROJECT QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
707-15.51	MOBILIZATION	1	L.S.
712-01	TRAFFIC CONTROL	1	L.S.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	54	S.F.
SP 1	STEEL SIGN POLE (TRAFFIC SIGN)	10	EACH
SP 2	DECORATIVE STEEL POLE WITH BASE (FOR STOP SIGN)	2	EACH
SP 5	SIGN MAINTENANCE	2	EACH
SP 6	POLE MAINTENANCE	2	EACH
SP 7	CITY OF FOREST HILLS STREET NAME SIGN	6	EACH
SP 8	FRAME ONLY (¾ X ¾ X ¼)	6	EACH

FOOTNOTES:

- ① ONE SIGN POLE SHALL BE DELIVERED TO THE CITY TO BE STORED FOR FUTURE USE.
- ② SPEED LIMIT SIGNS FOR CHICKERING LANE (DBL.) SHALL BE SUPPLIED BY THE CITY.

NOTE: COST OF REMOVAL OF EXISTING SIGNS AND POLES TO BE INCLUDED IN ITEMS BID.



UTILITY CONTACTS

WATER SERVICE

METRO WATER SERVICES
AND SEWER DEPARTMENT
1600 2ND. AVE. NORTH
NASHVILLE, TN. 37208
(615)-862-4578

CABLE

COMCAST CABLE COMPANY
ENGINEERING DEPARTMENT
660 MAINSTREAM DRIVE
NASHVILLE, TN. 37228
(615)-244-7462

GAS

PIEDMONT NATURAL GAS
83 CENTURY BLVD.
NASHVILLE, TN. 37214
(615)-872-8034

ELECTRICITY

NASHVILLE ELECTRIC
SERVICE
1214 CHURCH STREET
NASHVILLE, TN 37246
(615)-747-3282

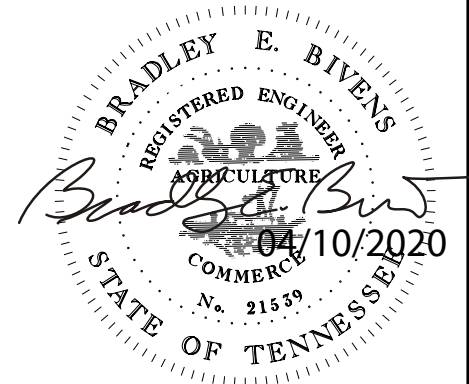
TELEPHONE

AT&T
333 COMMERCE STREET
ELEVENTH FLOOR NORTH
NASHVILLE, TN. 37201
(615)-214-4850



INDEX OF SHEETS

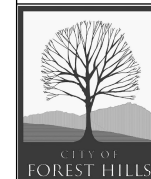
1. LOCATION MAP
2. GENERAL NOTES
3. SIGN DETAILS
4. SIGN MAINTENANCE (1 OF 4)
5. SIGN MAINTENANCE (2 OF 4)
6. SIGN MAINTENANCE (3 OF 4)
7. SIGN MAINTENANCE (4 OF 4)



LOCATION MAP

CITY OF FOREST HILLS
DAVIDSON COUNTY, TENNESSEE

DSGN:	BEB	04/10/2020	REVISIONS
DRWN:	JGC	04/10/2020	
CHKD:	BEB	04/10/2020	
SCALE:	NTS		
PROJ. NO.:	14615.004		



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GENERAL NOTES:

1. UNLESS OTHERWISE SPECIFIED WITHIN THIS PLAN SET, ALL MATERIAL SPECIFICATIONS, CONSTRUCTION METHODS, AND OTHER MATTERS RELATED TO THIS PROJECT SHALL CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED JANUARY 1, 2015.
2. PLANS HAVE BEEN DEVELOPED WITH AS MUCH DATA AS WAS AVAILABLE FROM OUTSIDE SOURCES AND FIELD VISITS. ALL ITEMS INCLUDED AND SHOWN HERE ARE BELIEVED TO REFLECT EXISTING CONDITIONS TO A REASONABLE DEGREE OF ACCURACY. HOWEVER THE CONTRACTOR HAS FINAL RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES, PROPERTY LINES, AND DRAINAGE STRUCTURES.
3. CONTRACTOR SHALL CONTACT LOCAL UTILITY OWNERS AND TENNESSEE ONE-CALL TO LOCATE ALL KNOWN UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

GRADING:

4. ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
5. CONTRACTOR SHALL BACKFILL OLD POST HOLES TO FINISH GRADE.
6. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED.

UTILITIES:

7. THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE-CALL SYSTEM, INC. AT 1-800-351-1111 AS REQUESTED BY TCA 65-31-106 WILL BE REQUIRED.
8. UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
9. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE BID PRICE FOR OTHER ITEMS OF CONSTRUCTION.

MISCELLANEOUS NOTE:

10. NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

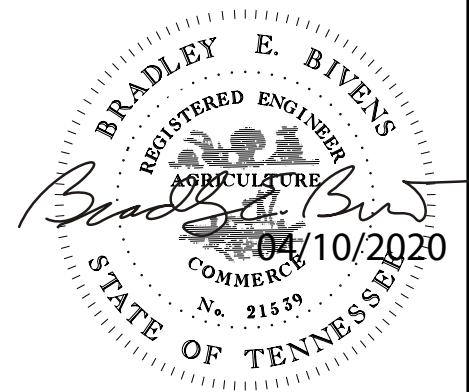
CONSTRUCTION WORK ZONE AND TRAFFIC CONTROL NOTES:

11. ADVANCE WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
12. THE PROPOSED LOCATIONS OF ALL PERMANENT SIGNING SHALL BE MARKED IN THE FIELD WITH STAKES PRIOR TO INSTALLATION FOR APPROVAL BY THE ENGINEER.
13. IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COST OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR OTHER ITEMS.
14. LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS FLAGGER SIGN , MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
15. TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
16. ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.


17. ALL SIGNS AND PAVEMENT MARKINGS SHALL MEET THE REQUIREMENTS OF THE TDOT STANDARD SPECIFICATIONS AS WELL AS THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES STANDARDS.

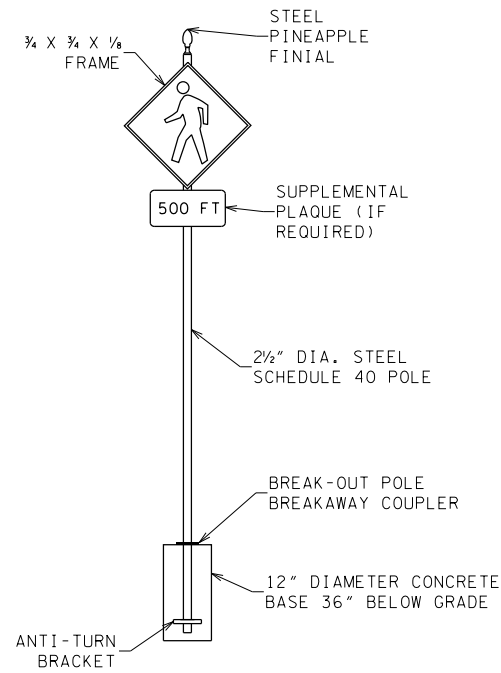
SPECIAL NOTES:

18. FINAL PLACEMENT AND INSTALLATION OF SIGNS SHALL FOLLOW THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MOUNTING AND SPACING REQUIREMENTS.
19. REFER TO TDOT STANDARD DRAWINGS T-S-19 AND T-S-20 FOR MOUNTING HEIGHT, PLACEMENT AND LATERAL CLEARANCE REQUIREMENTS.
20. MATERIAL AND INSTALLATION REQUIREMENTS FOR POST SUPPORTS SHALL FOLLOW TDOT STANDARD DRAWINGS, NOTES, AND SPECIFICATIONS. ALTERNATIVE BREAK AWAY TYPE POST THAT MEET NCHRP-350 REQUIREMENTS MAY BE PERMITTED WITH PRIOR APPROVAL FROM THE CITY ENGINEER.
21. ALL SIGNS MARKED TO BE REMOVED ARE TO BE REMOVED BY THE CONTRACTOR AND BECOME PROPERTY OF THE CONTRACTOR.

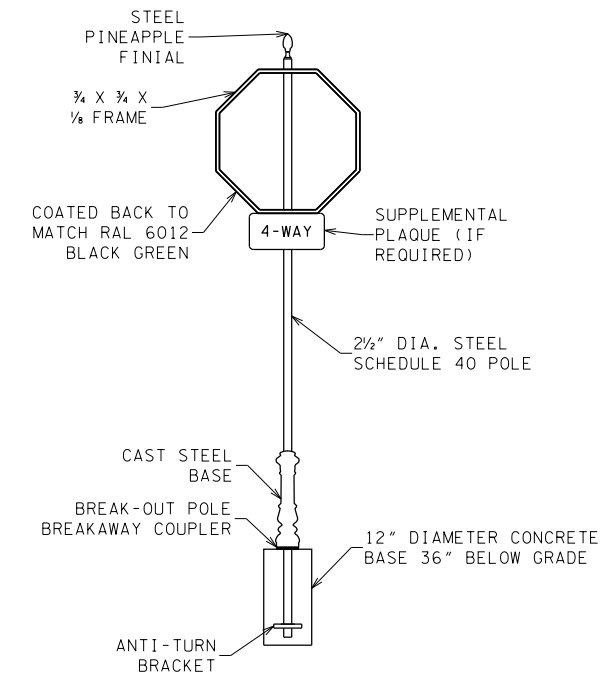


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GENERAL NOTES			
CITY OF FOREST HILLS DAVIDSON COUNTY, TENNESSEE			
DSGN:	KDF	04/10/2020	REVISIONS
DRWN:	JGC	04/10/2020	
CHKD:	BEB	04/10/2020	
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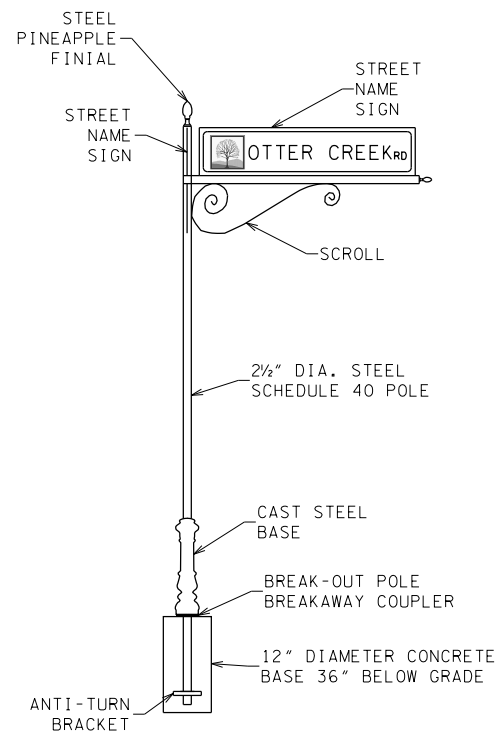


SP 1: STEEL SIGN POLE
(TRAFFIC SIGN)
NOT TO SCALE

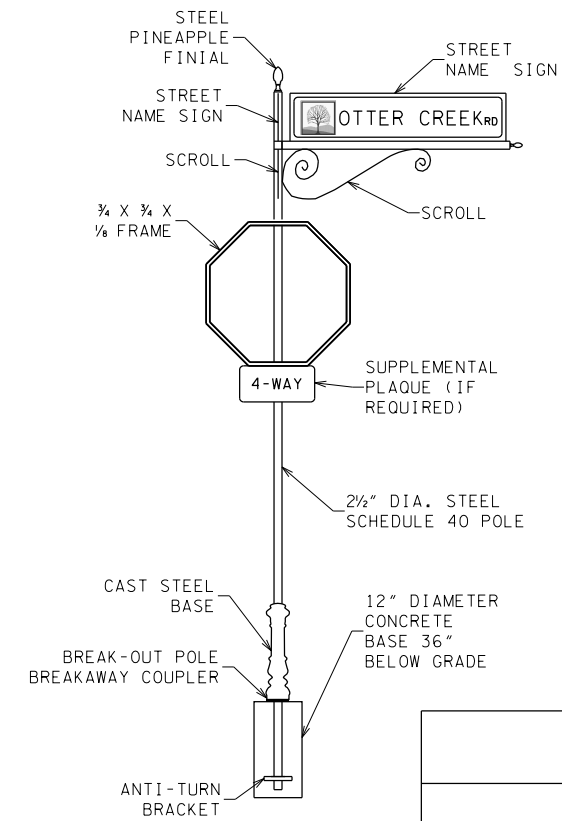


SP 2: DECORATIVE STEEL SIGN POLE
WITH BASE (STOP SIGN)
NOT TO SCALE

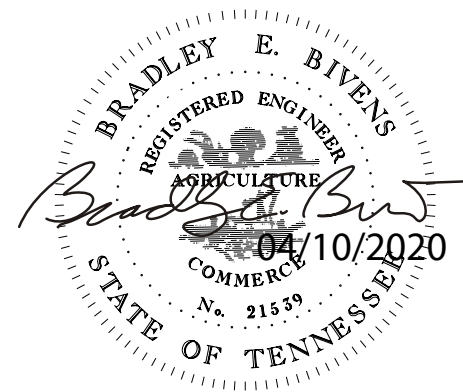
- NOTES:**
1. REFER TO TDOT STANDARD DRAWINGS FOR HEIGHT AND PLACEMENT OF ALL SIGNS.
 2. STEEL SIGN POLE, FINIAL, CAST STEEL BASE, FRAME, BACK OF SIGN, SCROLL AND MOUNTING HARDWARE TO BE POWDER COATED WITH RAL 6012 BLACK GREEN.
 3. CONCRETE SHALL BE CLASS A CONCRETE. THE USE OF SAKRETE AND QUIKCRETE IS ACCEPTABLE AS LONG AS IT IS PROPERLY PRE-MIXED ACCORDING TO MANUFACTURER'S SPECIFICATIONS PRIOR TO POURING INTO THE POST HOLE AND THAT IT MEETS THE STRENGTH REQUIREMENTS OF AT LEAST 3500 PSI FOR THE DIRT INSTALLATIONS AND 4000 PSI FOR CONCRETE INSTALLATIONS. THE USE OF MIXERS AT CONSTRUCTION SITES IS ACCEPTABLE TO THE CITY.



SP 3: DECORATIVE STEEL SIGN POLE
WITH BASE (STREET NAME SIGN)
NOT TO SCALE





SP 4: DECORATIVE STEEL SIGN POLE
WITH BASE (STOP/STREET SIGN)
NOT TO SCALE



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SIGN DETAILS		
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CHKD: BEB	04/10/2020	
SCALE: NTS		
PROJ. NO: 14615.004		
		DRAWING NO.
		3






4. 4383 CHICKERING LANE (DBL)
 R2-1 24" X 30"

 INSTALL NEW STEEL SIGN POLE. SIGN R2-1 PROVIDED BY THE CITY.

 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1.

5. INSTALL NEW 3/4 X 3/4 X 1/8 FRAME ON EXISTING DEAD END SIGN.
 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 8


6. 4378 CHICKERING LANE (DBL)
 R2-1 24" X 30"

 INSTALL NEW STEEL SIGN POLE. SIGN R2-1 PROVIDED BY THE CITY.

 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1.

7. TIMBERWOOD PLACE @ TIMBERWOOD DRIVE

 W14-1 30" X 30"

 24" X 30"
 INSTALL NEW SIGNS ON STEEL SIGN POLE.

 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1 AND 713-13.02

3. INSTALL NEW 3/4 X 3/4 X 1/8 FRAME ON EXISTING DEAD END SIGN.
 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 8

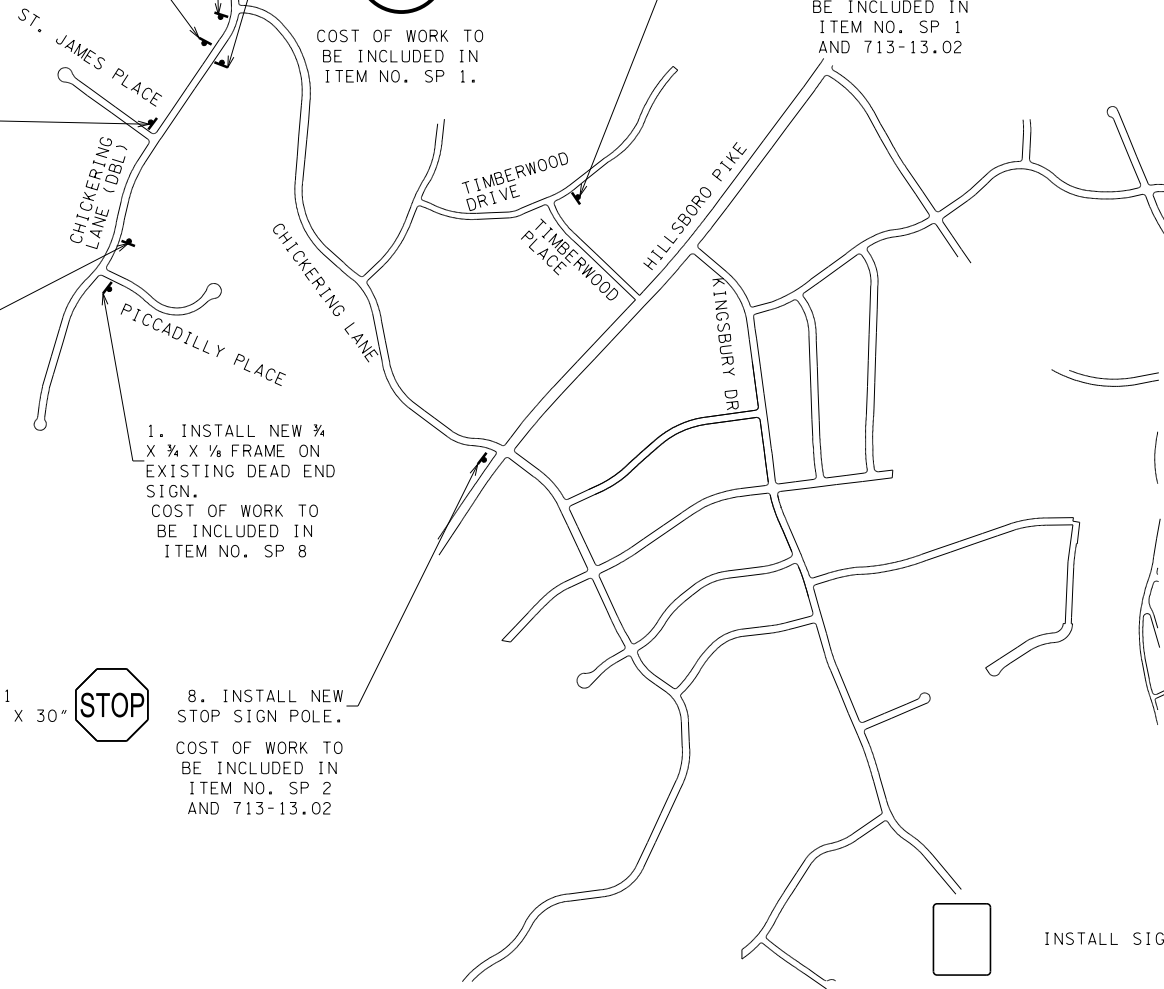
2. 4350 CHICKERING LANE (DBL)
 R2-1 24" X 30"

 INSTALL NEW STEEL SIGN POLE. SIGN R2-1 PROVIDED BY THE CITY.




 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1.


1. INSTALL NEW 3/4 X 3/4 X 1/8 FRAME ON EXISTING DEAD END SIGN.
 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 8


8. INSTALL NEW STOP SIGN POLE.
 R1-1 30" X 30"


 COST OF WORK TO BE INCLUDED IN ITEM NO. SP 2 AND 713-13.02

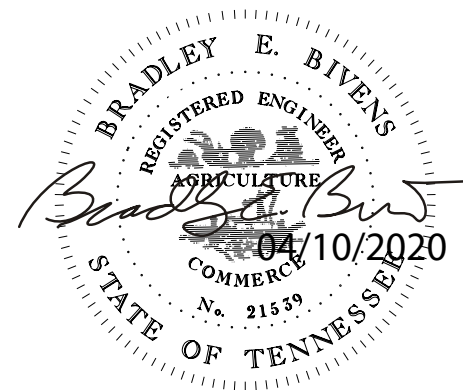


-  INSTALL SIGN AND POLE
-  RETAIN SIGN
-  REMOVE SIGN

 NOTE: CONSULT WITH THE CITY PRIOR TO STARTING ANY WORK TO SEE IF THEY HAVE ANY SIGNS AVAILABLE.

 NOTE: ALL SIGN RELOCATION TO BE APPROVED BY THE CITY.

 NOTE: ALL SIGNS TO BE REUSED SHALL BE CLEANED.

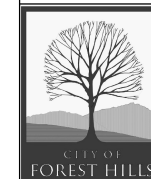


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SIGN MAINTENANCE (1 OF 4)

CITY OF FOREST HILLS
 DAVIDSON COUNTY, TENNESSEE

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2. HEMINGWAY DRIVE @ ARCO DRIVE (EAST)



SIGN AND POLE MAINTENANCE. CLEAN SIGN AND POLE, REPAINT POLE, AND RESET FOUNDATION.

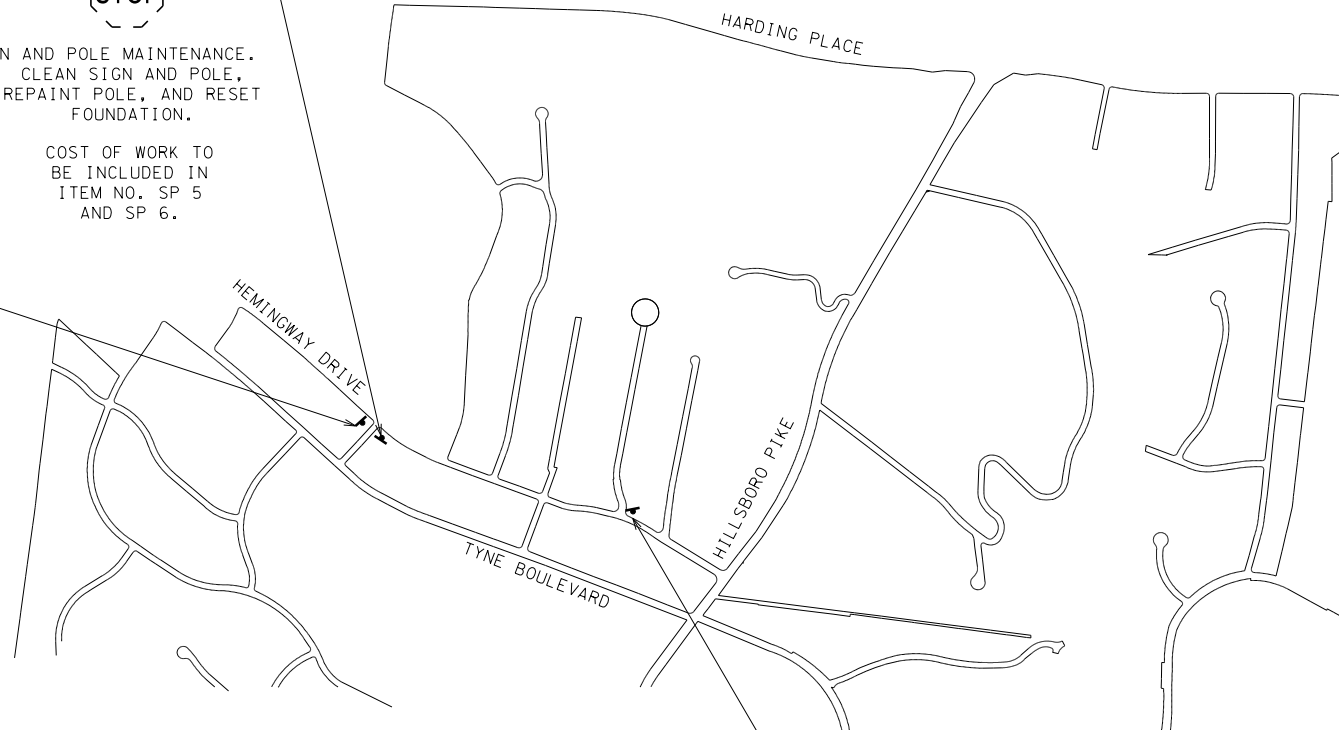
COST OF WORK TO BE INCLUDED IN ITEM NO. SP 5 AND SP 6.

1. HEMINGWAY DRIVE @ ARCO DRIVE (WEST)

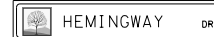


SIGN AND POLE MAINTENANCE. CLEAN SIGN AND POLE, REPAINT POLE, AND RESET FOUNDATION.

COST OF WORK TO BE INCLUDED IN ITEM NO. SP 5 AND SP 6.



3. CARLTON DRIVE @ HEMINGWAY DRIVE



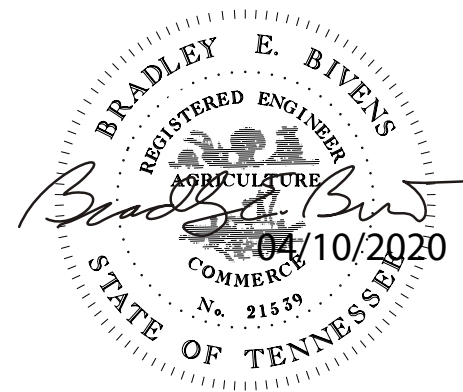
REPLACE DAMAGED STREET NAME SIGNS

COST OF WORK TO BE INCLUDED IN ITEM NO. SP 7

 INSTALL SIGN AND POLE

 RETAIN SIGN

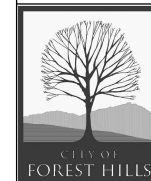
 REMOVE SIGN



SIGN MAINTENANCE (2 OF 4)

CITY OF FOREST HILLS
DAVIDSON COUNTY, TENNESSEE

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CHKD:	BEB	04/10/2020	
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PROJ. NO:	14615.004		



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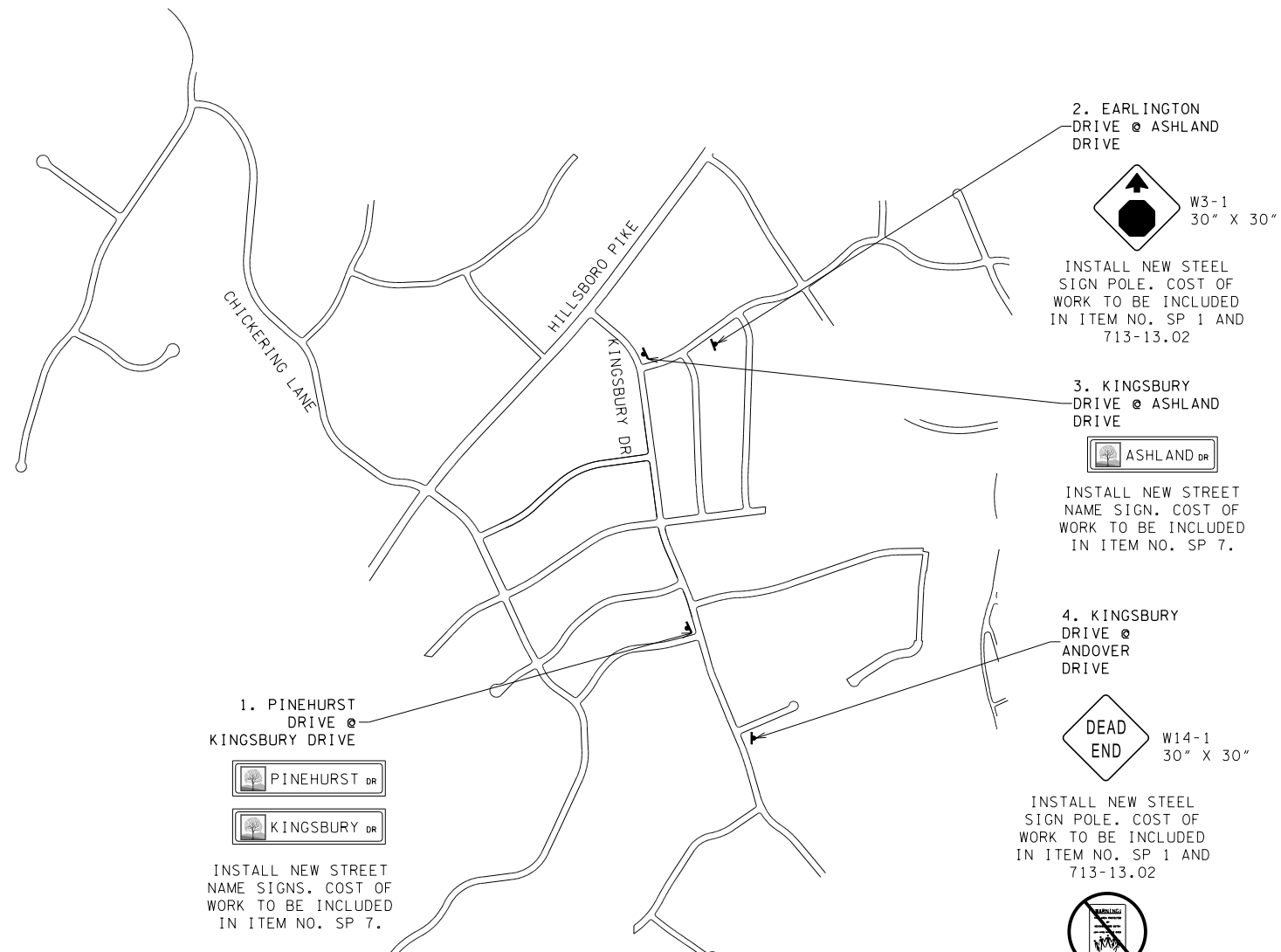
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NOTE: CONSULT WITH THE CITY PRIOR TO STARTING ANY WORK TO SEE IF THEY HAVE ANY SIGNS AVAILABLE.



1. PINEHURST DRIVE @ KINGSBURY DRIVE

PINEHURST DR

KINGSBURY DR

INSTALL NEW STREET NAME SIGNS. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 7.

2. EARLINGTON DRIVE @ ASHLAND DRIVE

W3-1
30" X 30"

INSTALL NEW STEEL SIGN POLE. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1 AND 713-13.02

3. KINGSBURY DRIVE @ ASHLAND DRIVE

ASHLAND DR

INSTALL NEW STREET NAME SIGN. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 7.

4. KINGSBURY DRIVE @ ANDOVER DRIVE

DEAD END W14-1
30" X 30"

INSTALL NEW STEEL SIGN POLE. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1 AND 713-13.02

INSTALL SIGN AND POLE

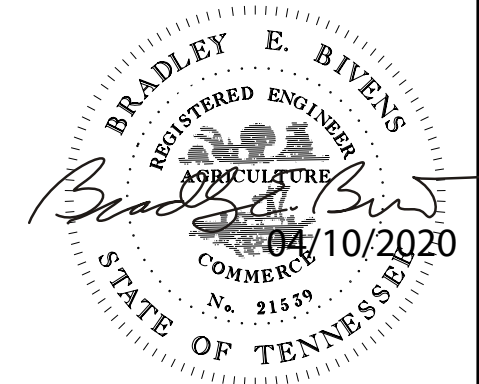
RETAIN SIGN

REMOVE SIGN

NOTE: CONSULT WITH THE CITY PRIOR TO STARTING ANY WORK TO SEE IF THEY HAVE ANY SIGNS AVAILABLE.

NOTE: ALL SIGN RELOCATION TO BE APPROVED BY THE CITY.

NOTE: ALL SIGNS TO BE REUSED SHALL BE CLEANED.



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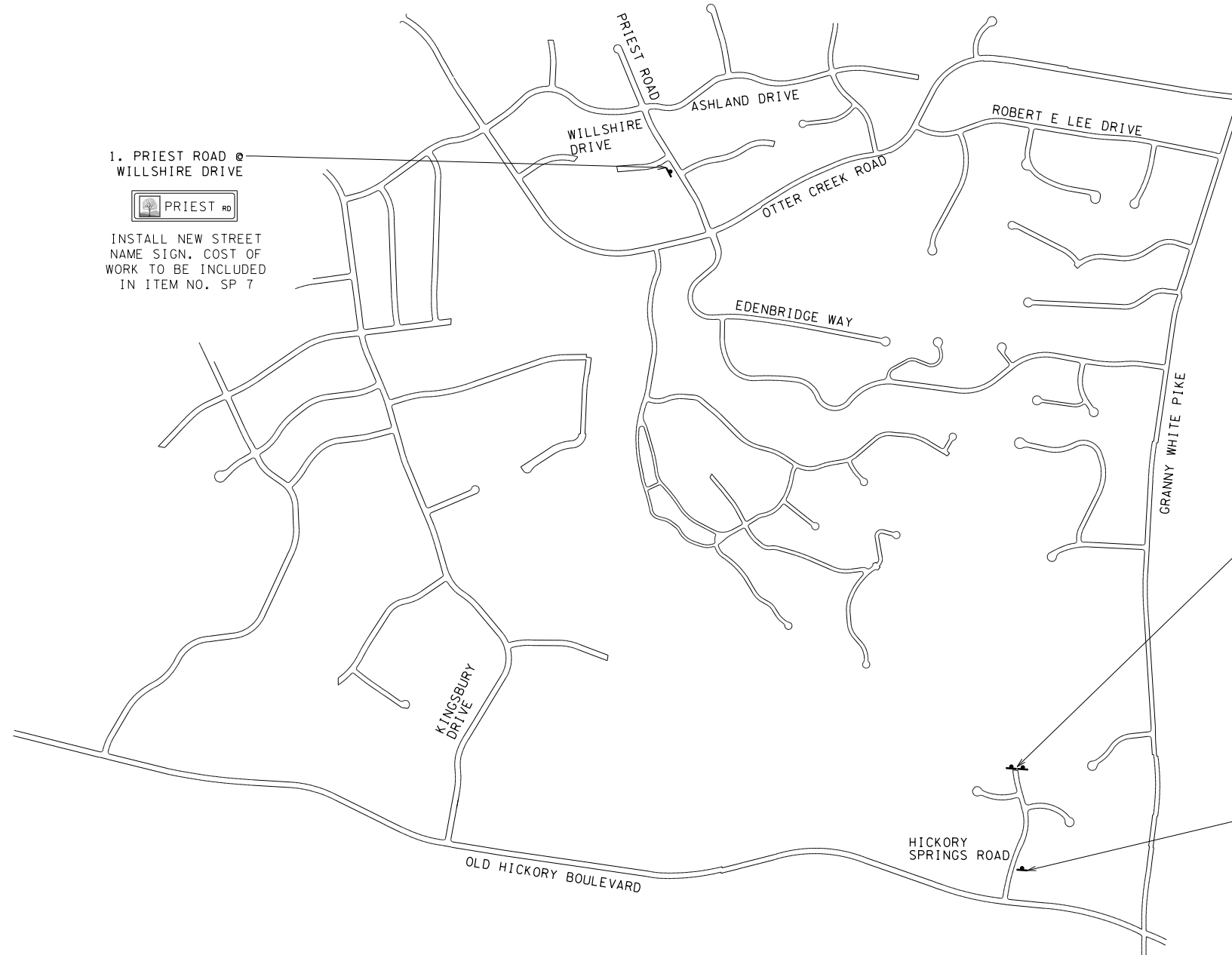
SIGN MAINTENANCE (3 OF 4)

CITY OF FOREST HILLS
DAVIDSON COUNTY, TENNESSEE

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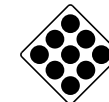


1. PRIEST ROAD @ WILLSHIRE DRIVE



INSTALL NEW STREET NAME SIGN. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 7

1. HICKORY SPRINGS ROAD



OM4-1
30" X 30"



OM4-1
30" X 30"

INSTALL 2 (TWO) NEW STEEL SIGN POLES. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1 AND 713-13.02

2. HICKORY SPRINGS ROAD



W14-1
30" X 30"



24" X 30"

INSTALL NEW STEEL SIGN POLE. COST OF WORK TO BE INCLUDED IN ITEM NO. SP 1 AND 713-13.02



INSTALL SIGN AND POLE



RETAIN SIGN



REMOVE SIGN



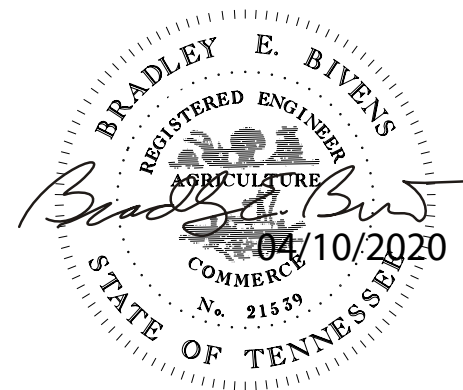
NOTE: ALL SIGNS TO BE REUSED SHALL BE CLEANED.



NOTE: CONSULT WITH THE CITY PRIOR TO STARTING ANY WORK TO SEE IF THEY HAVE ANY SIGNS AVAILABLE.



NOTE: ALL SIGN RELOCATION TO BE APPROVED BY THE CITY.

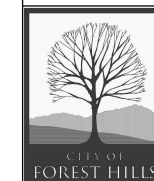


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SIGN MAINTENANCE (4 OF 4)

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