

TOWN OF LEE, MASSACHUSETTS
SPECIFICATIONS FOR PAVING OF FOREST STREET
2017

INVITATION TO BID

ROAD PAVING

The Town of Lee through its Department of Public Works will received sealed bids clearly marked, "Road Paving Forest Street 2017" until 2:00PM on Thursday, June 1, 2017 at the Department Office 45 Railroad St., Lee, MA. 01238.

A complete bid specification is available at the Department Office or call 413-243-5520.

Contractor pre-qualification, prevailing wages, bid security and payment bond, and WBE/MBE participation are requirements of this bid.

The Town of Lee reserves the right to reject or accept any or all bids, waive minor informalities, as deemed in the best interest of the Town.

Robert Nason
Town Administrator

SCOPE OF WORK (Road Resurfacing)

The contractor shall supply all equipment, labor and materials to reclaim Forest Street as directed, adjust structures to grade, add bituminous concrete curbing, place bituminous concrete per schedule which is attached, resurface/reshape waterways and adjacent driveway aprons, replace sidewalks, remove and replace guardrails, and install environmental controls during construction. A matrix is included outlining the approximate surface area, approximate bituminous concrete quantities, limits of reclamation, structures to be raised, curbing to be installed and driveway aprons. The Contractor and Owner (representative) shall jointly agree on the areas to be leveled and the final number of aprons to be installed. The Town reserves the right to increase or decrease all quantities depending on the funding that is available.

All materials shall meet Mass DOT Specifications. Prior to the placement of pavement, surfaces shall receive a tack coat applied at the rate of 1/20th gallon per square yard. Streets will be swept by the Contractor prior to the start of contract.

Contractor shall also be responsible for the center line markings as indicated on the matrix.

The Contractor shall be responsible for all cones, barricades, flagmen and police as deemed necessary to protect the public and indicated by the Chief of Police, Lee Police Department.

The Contractor is encouraged to view the roads included in the paving schedule prior to submission of bids. Bituminous concrete yield for roadway resurfacing shall be +/- 3%.

All Work shall be performed in conformance of the Commonwealth of Massachusetts Standard Specification for Highways and Bridges (Latest Addition).

Adjustment of structures

The work to be performed under this item shall conform to the applicable portions of Section 220 of the Commonwealth of Massachusetts Standard Specification for Highways and Bridges.

Adjust drainage manholes, sewer and catch basins and water covers to proper grade for paving. When reclaiming first lower and then raise. The contractor will be responsible for all cones, signs, barricades, flags etc during the adjustment of structures and up to the point of paving. The use of risers shall be acceptable.

Driveway aprons

The work to be performed under this item shall conform to the applicable provision of Section 701 of the Commonwealth of Massachusetts Standard Specification for Highways and Bridges.

Paving of aprons shall depend upon existing conditions of each driveway. Where a drive is dirt or gravel a short apron will be installed. Where a drive has been previously paved, it shall be paved for a distance necessary to result in a satisfactory grade. A minimum of a 1.5" lip will be made where required. All work to be authorized by the Town. The contractor is responsible for all warning and traffic control. Most driveways aprons will be resurfaced by "winging out" the paving machine.

Bituminous Concrete Curb

The work to be performed under this item shall conform to the applicable provision of Section 501 of the Commonwealth of Massachusetts Standard Specification for Highways and Bridges.

Curbing shall be Type 1 and shall include removal of the existing curb. Limits of curb shall be as directed by the Town.

Drainage Swales/Waterways

The work to be performed under this item shall conform to the applicable provisions of the Commonwealth of Massachusetts Standard Specs for Highways and Bridges.

Grass Ditches/Swales shall include 4-inch loam and seed with 6" slot -perforated corrugated plastic pipe (subdrain) per Massachusetts DOT specs.

Guardrail

The work to be performed under this item shall conform to the applicable provisions of the Commonwealth of Massachusetts Standard Specs for Highways and Bridges.

Remove existing guardrail, dispose of it, and replace with new guardrail including all appurtenances (including end sections). Limits of guardrail shall be as directed by the town.

Environmental/erosion control

Provide environmental/erosion control in accordance with the Notice of Intent, Order of Conditions and the straw wattle detail (attached). At a minimum straw wattles on the downgrade side of all work, and straw bales in the water ways after they are cleared and waiting for grass at 100' intervals.

Traffic Control

Contractor shall be responsible for coordinating with the Lee Police Department to secure applicable traffic control where required by said Department. The Contractor shall coordinate with the Town and the Police Department as to required traffic control. A number of the streets to be paved can be closed to all but local traffic; this would minimize the required traffic control police officers. The Town would be responsible for the advertisements of closed streets.

Contractor Qualifications:

MA DOT pre-qualification will be required for this contract.

Each general bid shall be accompanied by a bid security bond in the amount of 5% of the bid price, and no bid may be withdrawn for a period of thirty (30) working days after the bid is opened.

The successful bidder shall furnish a 50% Payment Bond upon the signing of the contract, and provide proof of liability and workman's compensation insurance.

Prevailing wage rates shall be required and an approved wage rate sheet will be required to be submitted prior to any payments for work performed. A schedule is included with specifications.

WBE/MBE participation per grant requirements, (10.4% combined)..

A schedule for convenience will be mutually agreed upon with the Town.

Base liquid asphalt price is April 2017 = \$415.00 per ton

Base diesel price is March 2017 = \$2.00 per gallon

Insurance:

Contractor will provide an Insurance certificate listing the limits listed below as minimums, the Town of Lee to be listed as an additional Insured.

Comprehensive liability, including bodily and personal Injury, property damage and contractual liability.	\$1,000,000 ea. occurrence \$2,000,000 aggregate
Automobile comprehensive liability to include owned, hired and non owned vehicle and equipment	\$1,000,000 combined single limit bodily injury & property damage.
Excess liability (umbrella coverage)	\$1,000,000 ea. occurrence
Proof of workman's compensation coverage	

**TOWN OF LEE
BID FORM
PAVING 2017-FOREST STREET**

A.	<u>2025</u>	TONS OF Bituminous concrete Top Type 1	\$_____ per ton	\$_____
AA.	<u>4050</u>	Ton's ¾" Binder	\$_____ per ton	\$_____
AAA.	<u>1200</u>	Tack Coat	\$_____ gallon	\$_____
B.	<u>57</u>	structures adjusted to grade	\$_____ each	\$_____
BB.	<u>8</u>	DI's Rebuilt	\$_____ each	\$_____
C.	<u>7000</u>	straw wattle	\$_____ LF	\$_____
CC.	<u>200</u>	hay bales	\$_____ each	\$_____
CCC.	<u>50</u>	rip rap energy dissipaters	\$_____ sy	\$_____
D.	<u>7500</u>	Bituminous concrete curb	\$_____ LF	\$_____
DD.	<u>4500</u>	grass waterways	\$_____ SY	\$_____
DDD.	<u>60</u>	paved waterways	\$_____ ton	\$_____
E.	<u>12</u>	driveway aprons	\$_____ each	\$_____
F.	<u>24,000</u>	Full Depth Reclamation	\$_____ SY	\$_____
G.	<u>16000</u>	LF of Line Painting	\$_____ LF	\$_____
H.	<u>64</u>	Sidewalks	\$_____ per ton	\$_____
I.	<u>500</u>	Gravel	\$_____ per ton	\$_____
J.	<u>100</u>	Dense Graded	\$_____ per ton	\$_____
K.	<u>3500</u>	Loam/Seed	\$_____ SY	\$_____
L.		Police Details 400 hrs	\$_____ per hour	\$_____
M.	<u>7000</u>	6-inch Subdrain	\$_____ LF	\$_____
N.	<u>3500</u>	guard rail type "SS" steel beam with appurtenances and end sections	\$_____ LF	\$_____
			TOTAL BID	\$_____

CONTRACTOR: _____

ADDRESS: _____

CITY: _____ STATE _____ ZIP _____

TELEPHONE: _____ FAX _____

EMAIL: _____

SIGNATURE: _____

PRINT NAME: _____

DATE: _____

ACKNOWLEDGEMENTS/INCLUSIONS

BID BOND _____	PAYMENT BOND _____
INSURANCE _____	PRE-QUALIFICATION _____
PREVAILING WAGE _____	NON-COLLUSION _____

Approximate Start Date: 06/19/2017. Substantial Completion Date: 10/01/2017.

PROPOSED PAVING SCHEDULE 2017 - FOREST STREET														Driveway																									
STREET LENGTH		WIDTH		LEVELING		TOP		TOTAL		WW	SUBDRAIN		SEWER	C.B.		APRONS		Sidewalks		SW	CURB		GUARDRAIL		DENSE GR.	L&S	MILLED	JOINTS	STORM	DROP	STRAW								
FEET	FEET	3-INCH	1.5-INCH	TON	GAL	(SY)	LF	MIH	EACH	EACH	LEVEL	TON	R&R	TONS	SY	350 LF	25	8	7000																				
Forest	8,000	27	4050	2025	6,075	1,200	4500	7,000	7	25	12	1.5	1.5	64	7,500	3,500	100	3,500	350	3,500	25	8	7000																
FOREST STREET - LEVEL AND TOP, WATER, SEWER, AND STORM STRUCTURES ADJUSTED TO GRADE. PRIOR TO PLACEMENT OF PAVEMENT																																							
FULL DEPTH RECLAIM WITH CALCIUM (8000 x 27 = 24000 SY)																																							
SURFACES SHALL RECEIVE A TACK COAT APPLIED AT THE RATE OF 1/20TH GALLON PER SQUARE YARD																																							
SIDEWALKS = 225 LF TOTAL - 5' x 3"																																							
INSTALL 7500 LF OF CURB																																							
REMOVE SIDEWALK & CURB - REPLACE AS NOTED																																							
WATER WAY LIMITS - 5' WIDE MAX ALONG ROUTE; WHERE WW'S ARE BITUMINOUS CONCRETE - OVERLAY WITH 1.5" MASS TOP																																							
ALL STREETS SHALL BE CLEANED BY CONTRACTOR																																							
ENVIRONMENTAL CONTROLS (WATTLE) IN PLACE PRIOR TO CONSTRUCTION																																							
FOREST STREET - PAINTED LINES 4", DOUBLE YELLOW																																							
GUARDRAIL - REMOVE EXISTING, DISPOSE OF, REPLACE WITH NEW INCLUDING ALL APPURTENANCES																																							
RIPRAP ENERGY DISSIPATORS = PLACE 4'-10' X 10' X 1' DISSIPATORS BETWEEN STATIONS 29 + 00 and 33 + 00 = TO BE FIELD LAOCATED BY TOWN/CONTRACTOR																																							
TOTALS																																							
		4050		2025		6,075		1,200		4500		7000		7		25		12		32		64		7500		3500		100		3,500		350		25		8		7000	

NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

Signature/Title

Company Name

Address

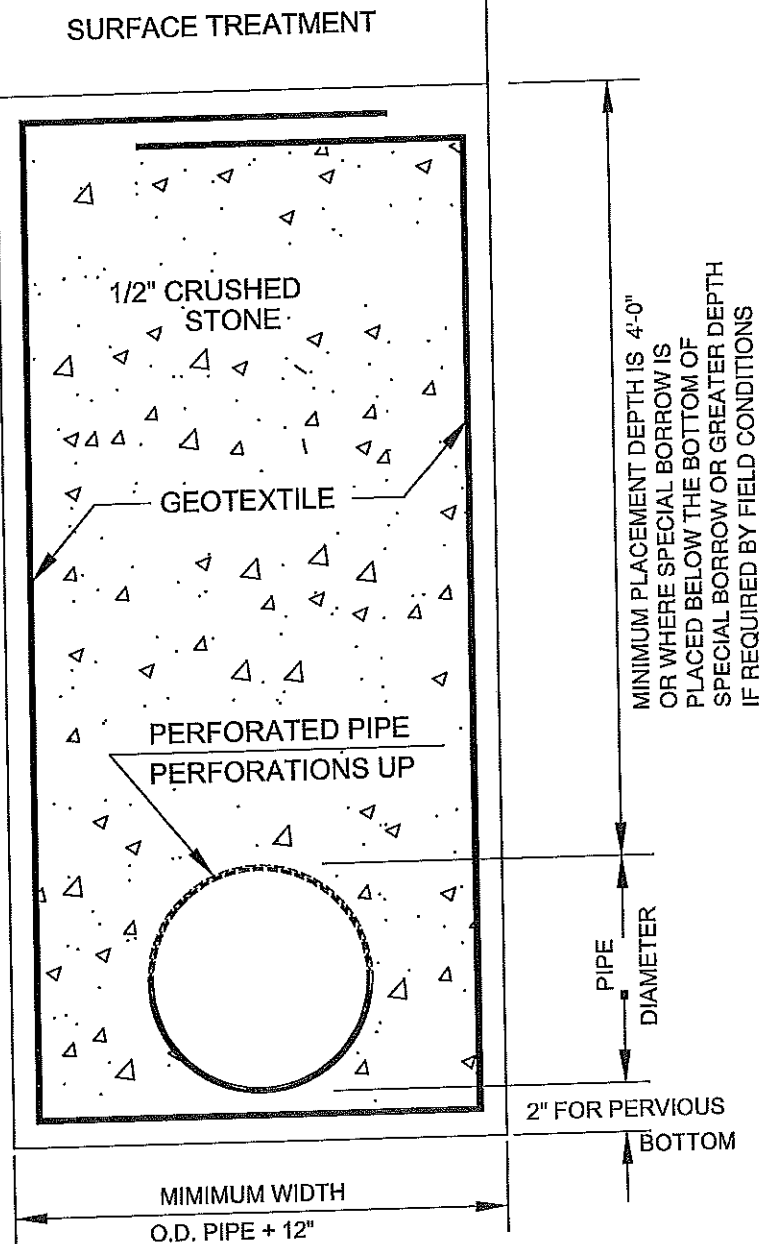
City, State and Zip

SURFACE TREATMENT:

4" PLANTABLE SOIL AND SEED
OVER

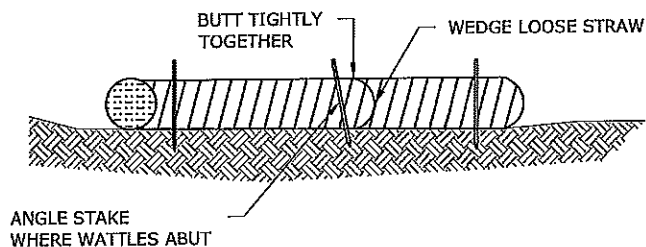
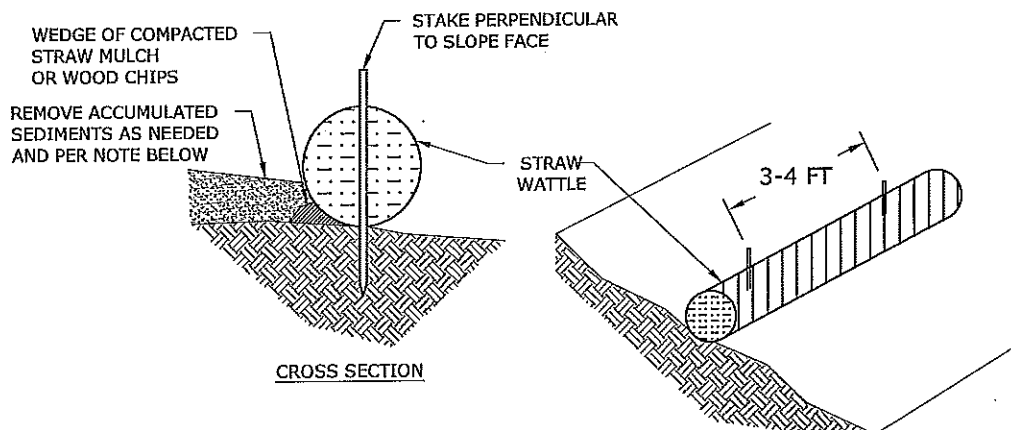
8" COMPACT GRAVEL OR

4" MINIMUM DEPTH OF PAVEMENT
MILLING MULCH PLACE DIRECTLY
OVER GEOTEXTILE AND CRUSHED
STONE BOX

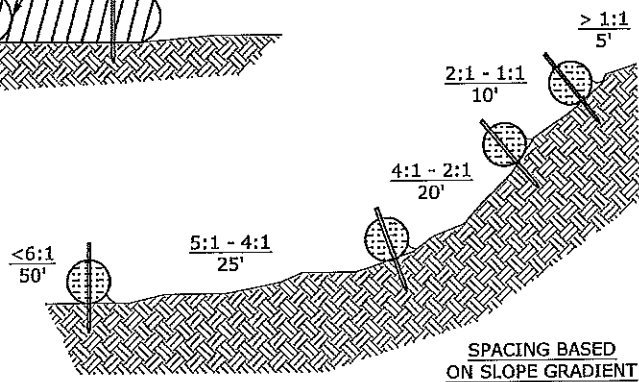


NOTES:

1. GEOTEXTILE FABRIC AS DESCRIBED IN SECTION M9.50
2. PIPE SHALL BE SET AT BOTTOM OF TRENCH FOR IMPERVIOUS BOTTOM.
3. SUBDRAIN LOCATED APPROXIMATELY AT INTERSECTION OF TANGENTS (SEE DWG. E102.1.0)
4. GRAVEL (AND SPECIAL BORROW WHERE REQUIRED) SHALL INTERSECT CRUSHED STONE FOR SUBDRAIN



NOTE: SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED DOWNHILL OF DISTURBED AREAS AND UPSTREAM OF WATERCOURSES AND/OR WETLANDS. TRAPPED SEDIMENTS SHALL BE REMOVED FROM THE SEDIMENT CONTROL DEVICE DURING THE CONSTRUCTION PERIOD BEFORE THEY BECOME 50% FULL TO PREVENT SEDIMENT FROM BEING TRANSPORTED DOWNHILL. DISPOSE OF SEDIMENTS IN ON-SITE UPLAND DISPOSAL AREAS, PROPERLY GRADED, SEEDED AND MULCHED.



TYPICAL STRAW WATTLE SIZES		
9"x10'	12"x10'	12"x10'
9"x15'	12"x20'	
9"x25'		

SCB-4

TYPICAL STRAW WATTLE INSTALLATION

REV#



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 5 - Order of Conditions
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:196-0437
eDEP Transaction #:916602
City/Town:LEE

A. General Information

1. Conservation Commission LEE
2. Issuance a. ☒ OOC b. ☐ Amended OOC
3. Applicant Details
a. First Name CHRIS b. Last Name POMPI
c. Organization TOWN OF LEE
d. Mailing Address 32 MAIN STREET
e. City/Town LEE f. State MA g. Zip Code 01238
4. Property Owner
a. First Name b. Last Name
c. Organization
d. Mailing Address
e. City/Town f. State g. Zip Code
5. Project Location
a. Street Address FOREST STREET
b. City/Town LEE c. Zip Code 01238
d. Assessors 26 & 32 e. Parcel/Lot# N/A
Map/Plat#
f. Latitude 42.28802N g. Longitude 73.21495W
6. Property recorded at the Registry of Deed for:
a. County b. Certificate c. Book d. Page
MIDDLE BERKSHIRE RIGHT-OF-WAY
7. Dates
a. Date NOI Filed : 3/16/2017 b. Date Public Hearing Closed: 4/5/2017 c. Date Of Issuance: 4/10/2017
8. Final Approved Plans and Other Documents
a. Plan Title: b. Plan Prepared by: c. Plan Signed/Stamped by: d. Revised Final Date: e. Scale:
E2544 COMPILED FORESIGHT LAND SERVICES NONE 12/28/2016 AS NOTED
PLAN

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act
Following the review of the the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act.

Check all that apply:

a. <input type="checkbox"/> Public Water Supply	b. <input type="checkbox"/> Land Containing Shellfish	c. <input type="checkbox"/> Prevention of Pollution
d. <input checked="" type="checkbox"/> Private Water Supply	e. <input checked="" type="checkbox"/> Fisheries	f. <input checked="" type="checkbox"/> Protection of Wildlife Habitat
g. <input checked="" type="checkbox"/> Ground Water Supply	h. <input checked="" type="checkbox"/> Storm Damage Prevention	i. <input type="checkbox"/> Flood Control

2. Commission hereby finds the project, as proposed, is:



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Approved subject to:

- a. ☒ The following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

Denied because:

- b. ☐ The proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**
- c. ☐ The information submitted by the applicant is not sufficient to describe the site, the work or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**

3. ☐ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310CMR10.02(1)(a).

a. linear feet

Inland Resource Area Impacts: (For Approvals Only):

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. <input type="checkbox"/> Bank	<u> </u> a. linear feet	<u> </u> b. linear feet	<u> </u> c. linear feet	<u> </u> d. linear feet
5. <input type="checkbox"/> Bordering Vegetated Wetland	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
6. <input type="checkbox"/> Land under Waterbodies and Waterways	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
	<u> </u> e. c/y dredged	<u> </u> f. c/y dredged		
7. <input type="checkbox"/> Bordering Land Subject to Flooding	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
Cubic Feet Flood Storage	<u> </u> e. cubic feet	<u> </u> f. cubic feet	<u> </u> g. cubic feet	<u> </u> h. cubic feet
8. <input type="checkbox"/> Isolated Land Subject to Flooding	<u> </u> a. square feet	<u> </u> b. square feet		
Cubic Feet Flood Storage	<u> </u> c. cubic feet	<u> </u> d. cubic feet	<u> </u> e. cubic feet	<u> </u> f. cubic feet
9. <input checked="" type="checkbox"/> Riverfront Area	<u>184000</u>			



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	a. total sq. feet	b. total sq. feet				
Sq ft within 100 ft	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	c. square feet	d. square feet	e. square feet	f. square feet		
Sq ft between 100-200 ft	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	g. square feet	h. square feet	i. square feet	j. square feet		

Coastal Resource Area Impacts:	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
Resource Area				
10. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. <input type="checkbox"/> Land Under the Ocean	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet		
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	c. c/y dredged	d. c/y dredged		
12. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. <input type="checkbox"/> Coastal Beaches	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet	c. c/y nourishment	d. c/y nourishment
14. <input type="checkbox"/> Coastal Dunes	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet	c. c/y nourishment	d. c/y nourishment
15. <input type="checkbox"/> Coastal Banks	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. linear feet	b. linear feet		
16. <input type="checkbox"/> Rocky Intertidal Shores	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet		
17. <input type="checkbox"/> Salt Marshes	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet	c. square feet	d. square feet
18. <input type="checkbox"/> Land Under Salt Ponds	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet		
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	c. c/y dredged	d. c/y dredged		
19. <input type="checkbox"/> Land Containing Shellfish	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet	c. square feet	d. square feet
20. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	c. c/y dredged	d. c/y dredged		
21. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	a. square feet	b. square feet		

22.

☐ Restoration/Enhancement (For Approvals Only)



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If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c & d or B.17.c & d above, please entered the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

23.

1" Streams Crossing(s)

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a. number of new stream crossings

b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
 - a. the work is a maintenance dredging project as provided for in the Act; or
 - b. the time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order.
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not exceed the issuance date of the original Final Order of Conditions.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.
8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work..
10. A sign shall be displayed at the site not less then two square feet or more than three square feet in size bearing the words,

" Massachusetts Department of Environmental Protection"



**Massachusetts Department of Environmental
Protection**

Bureau of Resource Protection - Wetlands

WPA Form 5 - Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File #:196-0437

eDEP Transaction #:916602

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[or "MassDEP"]

File Number : "196-0437"

11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before Mass DEP.
12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
13. The work shall conform to the plans and special conditions referenced in this order.
14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.
16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.
17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

NOTICE OF STORMWATER CONTROL AND MAINTENANCE REQUIREMENTS

19. The work associated with this Order(the "Project") is (1) ☐ is not (2) ☒ subject to the Massachusetts Stormwater Standards. If the work is subject to Stormwater Standards, then the project is subject to the following conditions;
 - a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollutant Discharge Elimination System Construction General Permit as required by Stormwater Standard 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.
 - b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that: *i.* all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures; *ii.* as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized; *iii.* any illicit discharges to the stormwater management system have been removed, as per



**Massachusetts Department of Environmental
Protection**

Bureau of Resource Protection - Wetlands

WPA Form 5 - Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:196-0437
eDEP Transaction #:916602
City/Town:LEE

the requirements of Stormwater Standard 10; *iv.* all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition; *v.* any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

- c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 19(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement") for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following: i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.
- d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollutant Discharge Elimination System Multi-Sector General Permit.
- e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 19(f) through 19(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 19(f) through 19(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.
- f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.
- g) The responsible party shall:
 - 1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
 - 2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
 - 3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.
- h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.
- i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.
- j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.
- k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as



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defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.

- l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions:

D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☐ Yes ☒ No

2. The Conservation Commission hereby (check one that applies):

- a. ☒ DENIES the proposed work which cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw specifically:

1. Municipal Ordinance or Bylaw _____ 2. Citation _____

Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order or Conditions is issued. Which are necessary to comply with a municipal ordinance or bylaw:

- b. ☐ APPROVES the proposed work, subject to the following additional conditions.

1. Municipal Ordinance or _____ 2. Citation _____
Bylaw

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.

The special conditions relating to municipal ordinance or bylaw are as follows:



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E. Signatures

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

Please indicate the number of members who will sign this form.

This Order must be signed by a majority of the Conservation Commission.

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy must be mailed, hand delivered or filed electronically at the same time with the appropriate MassDEP Regional Office.

4-10-2017

1. Date of Issuance

5

2. Number of Signers

Signatures:

Stu Dalheim
Stu Dalheim

John Philpott
John Philpott

Kathy Arment, Chairperson
Kathy Arment, Chairperson

Marilyn Hansen
Marilyn Hansen

John Coty, Jr.
John Coty, Jr.

James Wickham
James Wickham

☒ by hand delivery on

4-10-2017
Date

☐ by certified mail, return receipt

Date

F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request of Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.



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G. Recording Information

This Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

LEE

Conservation Commission

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To:

LEE

Conservation Commission

Please be advised that the Order of Conditions for the Project at:

FOREST STREET

Project Location

196-0437

MassDEP File Number

Has been recorded at the Registry of Deeds of:

County

Book

Page

for:

Property Owner

and has been noted in the chain of title of the affected property in:

Book

Page

In accordance with the Order of Conditions issued on:

Date

If recorded land, the instrument number identifying this transaction is:

Instrument Number

If registered land, the document number identifying this transaction is:

Document Number

Signature of Applicant

Rev. 4/1/2010

DEP FILE #: _____

NOTICE OF INTENT

Forest Street Repaving and Related Work

Property Location:

*Forest Street
Lee, MA 01238*

Applicant:

*Chris Pompei
Department of Public Works Superintendent
Town of Lee
32 Main Street
Lee, MA 01238*

Owner:

*Town of Lee
32 Main Street
Lee, MA 01238*

Civil Engineer:

*Foresight Land Services, Inc.
1496 West Housatonic Street
Pittsfield, MA 01201*

March 2017

FORESIGHT
LAND SERVICES



ENGINEERING • SURVEYING • PLANNING • ENVIRONMENTAL PERMITTING

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Submitted to the Lee Conservation Commission
Forest Street Repaving and Related Work
Forest Street
Lee, MA

Wetlands Protection Act Form 3 - Notice of Intent

<i>Attachment 1:</i>	<i>Wetland Fee Transmittal Form</i>
<i>Attachment 2:</i>	<i>Affidavit of Service</i>
<i>Attachment 3:</i>	<i>Abutter Notification Letter</i>
<i>Attachment 4:</i>	<i>List of Abutters & Copies of Certified Mail Receipts</i>

Exhibit A Figures

- A-1 USGS Location Map (East Lee QUAD, 1988)
- A-2 USDA Web Soil Survey Map
- A-3 Priority Habitats and Estimated Habitats- Effective October 1, 2008
East Lee QUAD, Priority Habitats for use with MA Endangered
Species Act Regulations (321 CMR 10) Estimated Habitats for use
with MA Wetlands Protection Act Regulations (310 CMR 10)
- A-4 Floodplain Map (Panel #2500280010 B & 2500280012 B, June 1,
1982)
- A-5 Assessors Map #26 & #32

Exhibit B Project Narrative, FLS

Exhibit C Construction-Phase Measures for the Control of Sediment and the
Protection of Wetlands

Exhibit E Compiled Site Plans, Foresight Land Services, Inc.



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WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:908510
City/Town:LEE

A. General Information

1. Project Location:

a. Street Address	FOREST STREET	c. Zip Code	01238
b. City/Town	LEE	e. Longitude	73.21495W
d. Latitude	42.28802N	g. Parcel/Lot #	RIGHT-OF-WAY
f. Map/Plat #	26 & 32		

2. Applicant:

☐ Individual ☒ Organization

a. First Name	CHRIS	b. Last Name	POMPI
c. Organization	TOWN OF LEE		
d. Mailing Address	32 MAIN STREET		
e. City/Town	LEE	f. State	MA
h. Phone Number	413-243-5520	i. Fax	413-243-5523
		g. Zip Code	01238
		j. Email	cpompi@town.lee.ma.us

3. Property Owner:

☐ more than one owner

a. First Name		b. Last Name	
c. Organization			
d. Mailing Address			
e. City/Town		f. State	
h. Phone Number		i. Fax	
		g. Zip Code	
		j. Email	

4. Representative:

a. First Name	STEVEN	b. Last Name	MACK
c. Organization	FORESIGHT LAND SERVICES, INC.		
d. Mailing Address	1496 WEST HOUSATONIC STREET		
e. City/Town	PITTSFIELD	f. State	MA
h. Phone Number	413-499-1560	i. Fax	413-499-3307
		g. Zip Code	01201
		j. Email	smack@foresightland.com

5. Total WPA Fee Paid (Automatically inserted from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid	0.00	b. State Fee Paid	0.00	c. City/Town Fee Paid	0.00
-------------------	------	-------------------	------	-----------------------	------

6. General Project Description:

ROADWAY REPAVING AND RELATED WORK.

7a. Project Type:

- | | |
|---|--|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (eg., cranberries, forestry) |
| 9. <input checked="" type="checkbox"/> Transportation | 10. <input type="checkbox"/> Other |

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?



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1. ☒ Yes ☐ No
2. Limited Project

If yes, describe which limited project applies to this project:
310 CMR 10.53 (3) (F)

8. Property recorded at the Registry of Deeds for:

a. County:

MIDDLE BERKSHIRE

b. Certificate:

c. Book:

RIGHT-OF-WAY

d. Page:

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. Buffer Zone & Resource Area Impacts (temporary & permanent):

☐ This is a Buffer Zone only project - Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

2. Inland Resource Areas: (See 310 CMR 10.54 - 10.58, if not applicable, go to Section B.3. Coastal Resource Areas)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
---------------	-----------------------------	-------------------------------

a. ☐ Bank

1. linear feet

2. linear feet

b. ☐ Bordering Vegetated Wetland

1. square feet

2. square feet

c. ☐ Land under Waterbodies and Waterways

1. Square feet

2. square feet

3. cubic yards dredged

d. ☐ Bordering Land Subject to Flooding

1. square feet

2. square feet

3. cubic feet of flood storage lost

4. cubic feet replaced

e. ☐ Isolated Land Subject to Flooding

1. square feet

2. cubic feet of flood storage lost

3. cubic feet replaced

f. ☒ Riverfront Area

Goose Pond Brook

1. Name of Waterway (if any)

2. Width of Riverfront Area (check one)

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☒ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project

184000
square feet

4. Proposed Alteration of the Riverfront Area:

184000

184000

0

a. total square feet

b. square feet within 100 ft.

c. square feet between 100 ft.
and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI?

☒ Yes ☐ No



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6. Was the lot where the activity is proposed created prior to August 1, 1996?

☒ Yes ☐ No

3. Coastal Resource Areas: (See 310 CMR 10.25 - 10.35)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Designated Port Areas	Indicate size under	Land under the ocean below,
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes, below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab, crea.
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4. Restoration/Enhancement

☐ Restoration/Replacement

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please entered the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. Projects Involves Stream Crossings

☐ Project Involves Streams Crossings

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.



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a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?

a. ☒ Yes ☐ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species
Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

b. Date of map: FROM MAP VIEWER

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)...

c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)

1. ☐ Percentage/acreage of property to be altered:

(a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

a. ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

b. ☐ Photographs representative of the site

c. ☐ MESA filing fee (fee information available at: <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html>)

Make check payable to "Natural Heritage & Endangered Species Fund" and mail to NHESP at above address

Projects altering 10 or more acres of land, also submit:

d. ☐ Vegetation cover type map of site

e. ☐ Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the following

1. ☒ Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.htm#10.14>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing.

a. NHESP Tracking Number

b. Date submitted to NHESP



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3. ☐ Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review...

2. For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?
a. ☒ Not applicable - project is in inland resource area only

b. ☐ Yes ☐ No

If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island,
and the Cape & Islands:

North Shore - Hull to
New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase street - 3rd floor
New Bedford, MA 02740-6694

Division of Marine
Fisheries -
North Shore Office
Attn: Environmental
Reviewer
30 Emerson Avenue
Gloucester, MA 01930

If yes, it may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office.
For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. ☐ Yes ☒ No

If yes, provide name of ACEC (see instructions to WPA Form 3 or
DEP Website for ACEC locations). **Note:** electronic filers click on
Website.

b. ACEC Name

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the
Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☒ No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, §
40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?

a. ☐ Yes ☒ No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. ☐ Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR
10.05(6)(k)-(q) and check if:

1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook
Vol.2, Chapter 3)
2. ☐ A portion of the site constitutes redevelopment
3. ☐ Proprietary BMPs are included in the Stormwater Management System

b. ☒ No, Explain why the project is exempt:

1. ☐ Single Family Home



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1.

☐ 2. Emergency Road Repair

☐ 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department by regular mail delivery.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the ☒ Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland ☒ [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s). ☐ Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
4. List the titles and dates for all plans and other materials submitted with this NOI. ☐

a. Plan Title: b. Plan Prepared By: c. Plan Signed/Stamped By: c. Revised Final Date: e. Scale:

SEE ATTACHED.

5. If there is more than one property owner, please attach a list of these property owners not listed on this form. ☐

6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed. ☐

7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed. ☐

8. Attach NOI Wetland Fee Transmittal Form. ☒

9. Attach Stormwater Report, if needed. ☐



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E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payer name on check: First Name

7. Payer name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDBP:

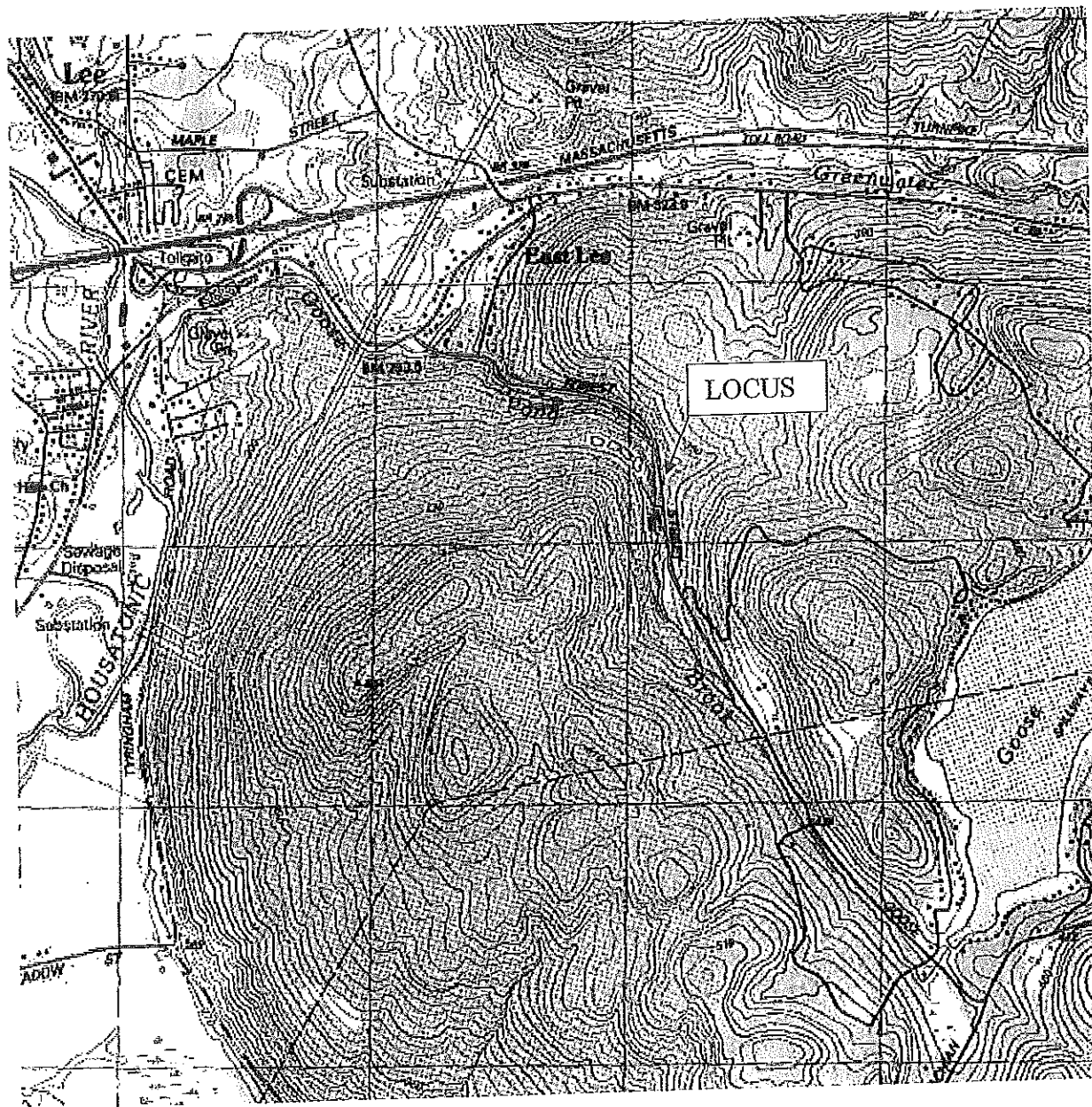
One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDBP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

UNITED STATES GEOLOGICAL SURVEY MAP



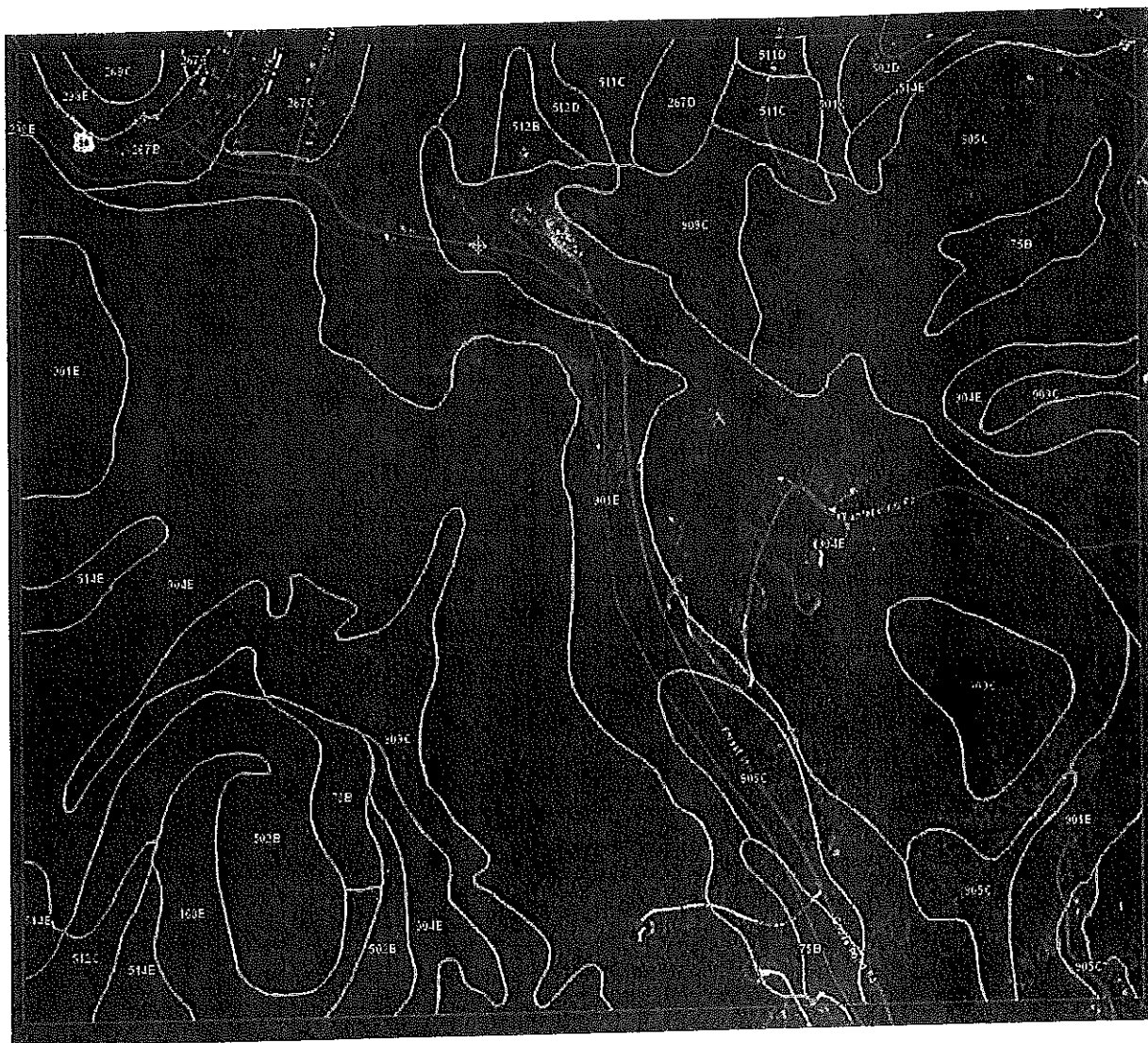
N.T.S.

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Pittsfield, MA 01201

Exhibit A-1
USGS East Lee QUAD, 1988 ed.
Source MASSGIS

Forest Street, Lee, MA

USDA WEB SOIL SURVEY MAP



Note: For soil details see attached Exhibit A-2A

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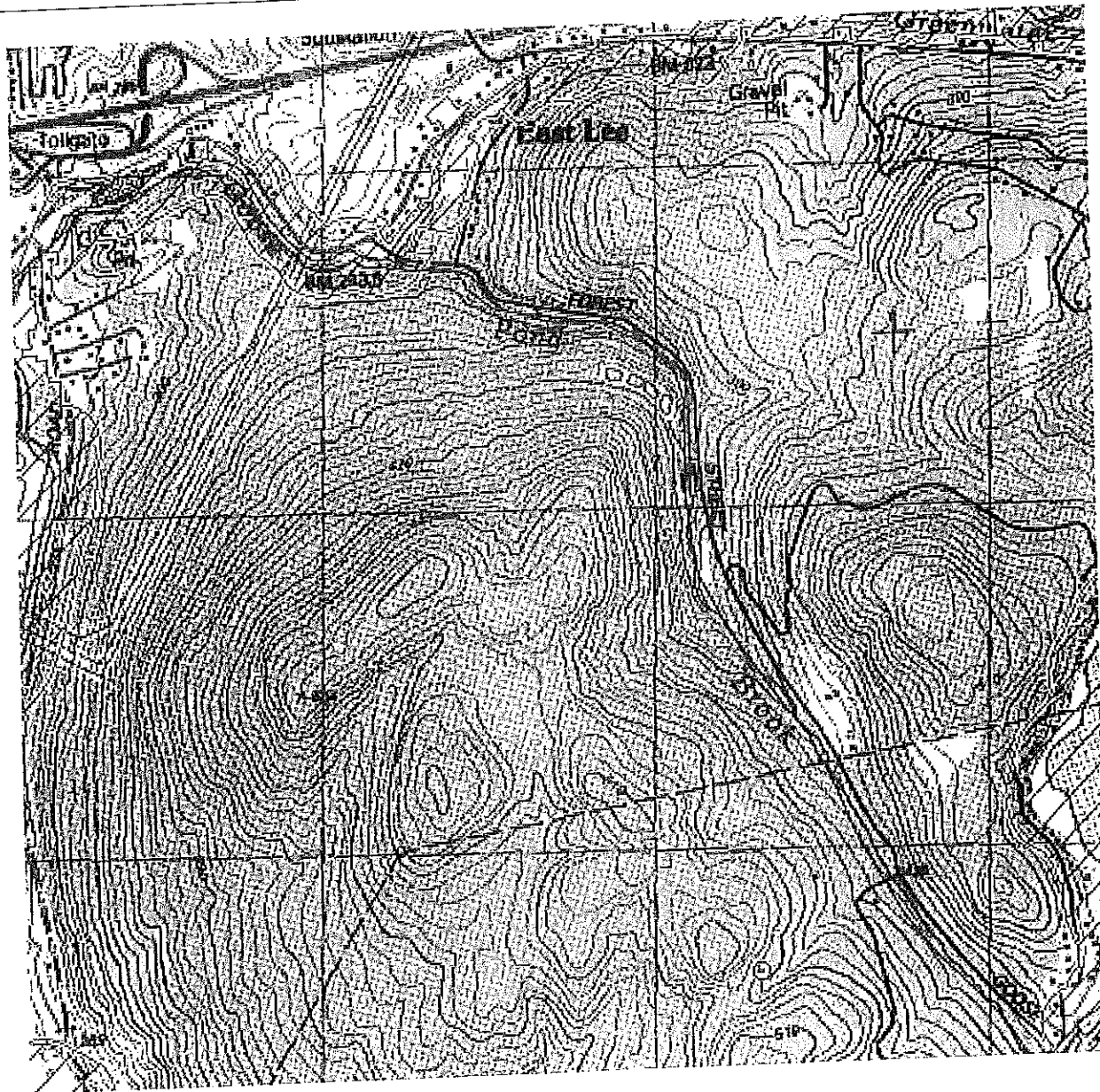
Exhibit A-2
USDA Web Soil Survey Map
Forest Street, Lee, MA

Exhibit A-2A**Berkshire County, Massachusetts (MA003)**

Map Unit Symbol	Map Unit Name
1	Cwater
75B	Pillsbury fine sandy loam, 0 to 8 percent slopes, very stony
78B	Kendaia silt loam, 3 to 8 percent slopes, extremely stony
108E	Farmington-Rock outcrop complex, 15 to 35 percent slopes
267B	Copake fine sandy loam, 3 to 8 percent slopes
267C	Copake fine sandy loam, 8 to 15 percent slopes
267D	Copake fine sandy loam, 15 to 25 percent slopes
269C	Groton gravelly sandy loam, 8 to 15 percent slopes
298E	Groton and Hinckley gravelly sandy loams, 25 to 35 percent slopes
501C	Amenia silt loam, 8 to 15 percent slopes, very stony
502B	Amenia silt loam, 3 to 8 percent slopes, extremely stony
502D	Amenia silt loam, 15 to 25 percent slopes, extremely stony
511C	Pittsfield loam, 8 to 15 percent slopes, very stony
511D	Pittsfield loam, 15 to 25 percent slopes, very stony
512B	Pittsfield loam, 3 to 8 percent slopes, extremely stony
512C	Pittsfield loam, 8 to 15 percent slopes, extremely stony
512D	Pittsfield loam, 15 to 25 percent slopes, extremely stony
514E	Pittsfield and Nellis loams, 25 to 35 percent slopes, extremely stony
901E	Berkshire-Marlow association, 15 to 45 percent slopes, extremely stony
904E	Lyman-Tunbridge association, 15 to 60 percent slopes, extremely stony
905C	Peru-Marlow association, 3 to 15 percent slopes, extremely stony
909C	Tunbridge-Lyman association, 3 to 15 percent slopes, extremely stony

PRIORITY HABITATS AND ESTIMATED HABITATS Effective October 1, 2008
Priority Habitats for use with the MA Endangered Species Act Regulations (321 CMR 10)
Estimated Habitats for use with the MA Wetland Protection Act Regulations (310 CMR 10)
Produced by Natural Heritage & Endangered Species Program

MA Division of Fisheries and Wildlife



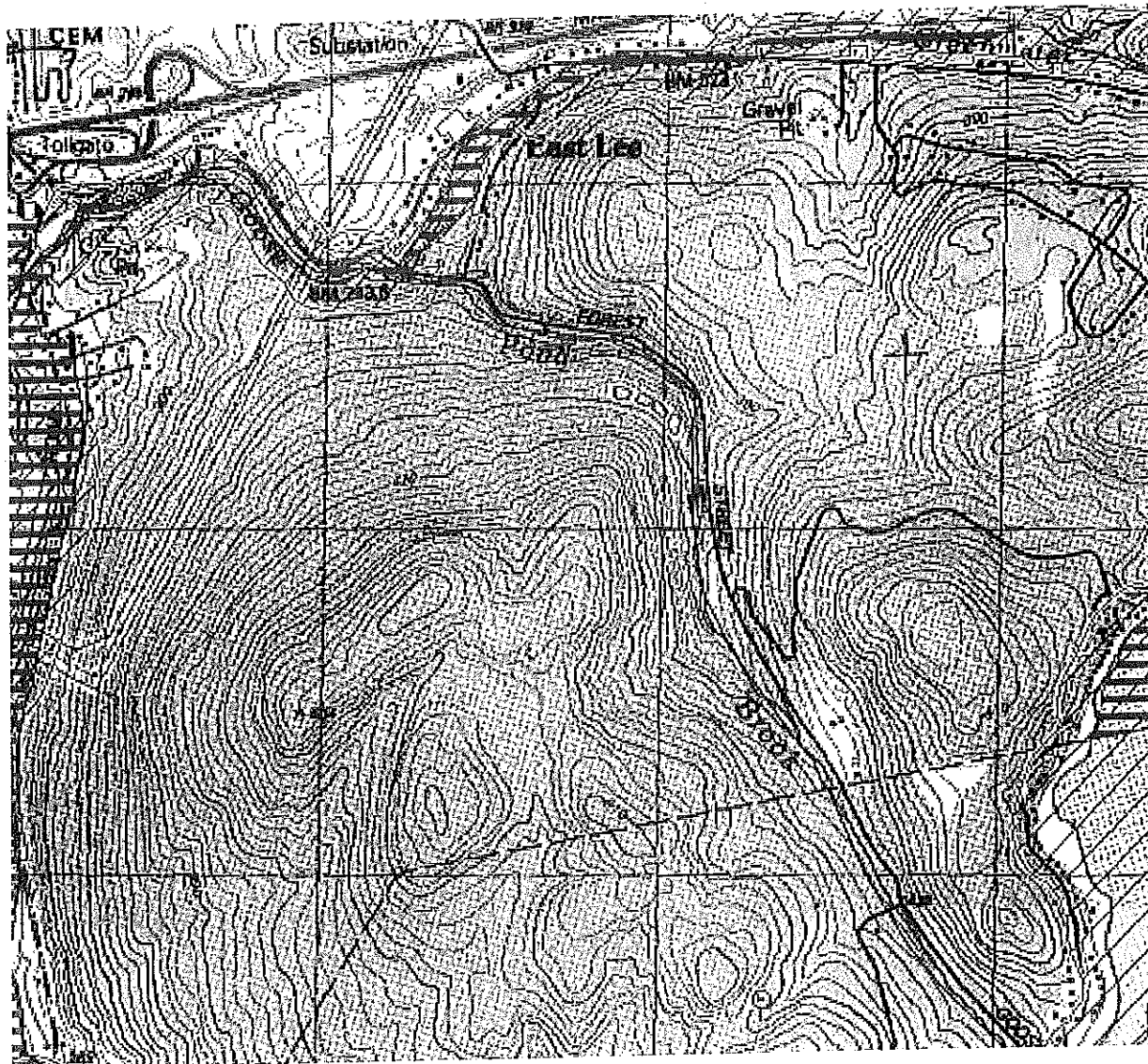
N.T.S.

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Pittsfield, MA 01201

Exhibit A-3
Priority Habitat Map
East Lee QUAD
Source MASSGIS

Forest Street, Lee, MA

NATIONAL FLOOD INSURANCE PROGRAM



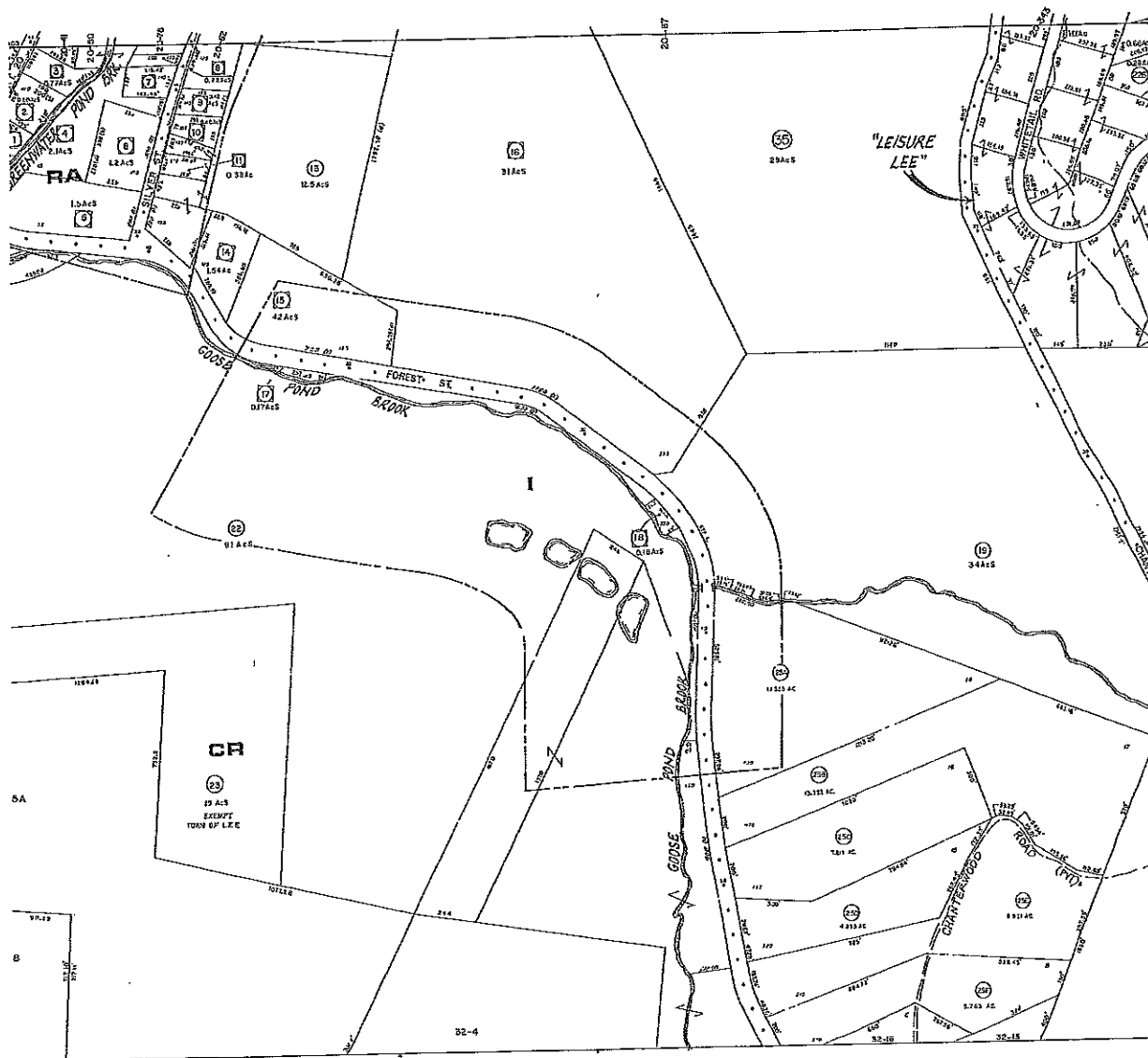
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Exhibit A-4
East Lee QUAD
Panel #2500280010 B & 2500280012 B
Source MASSGIS

Forest Street, Lee, MA

ASSESSOR'S MAP

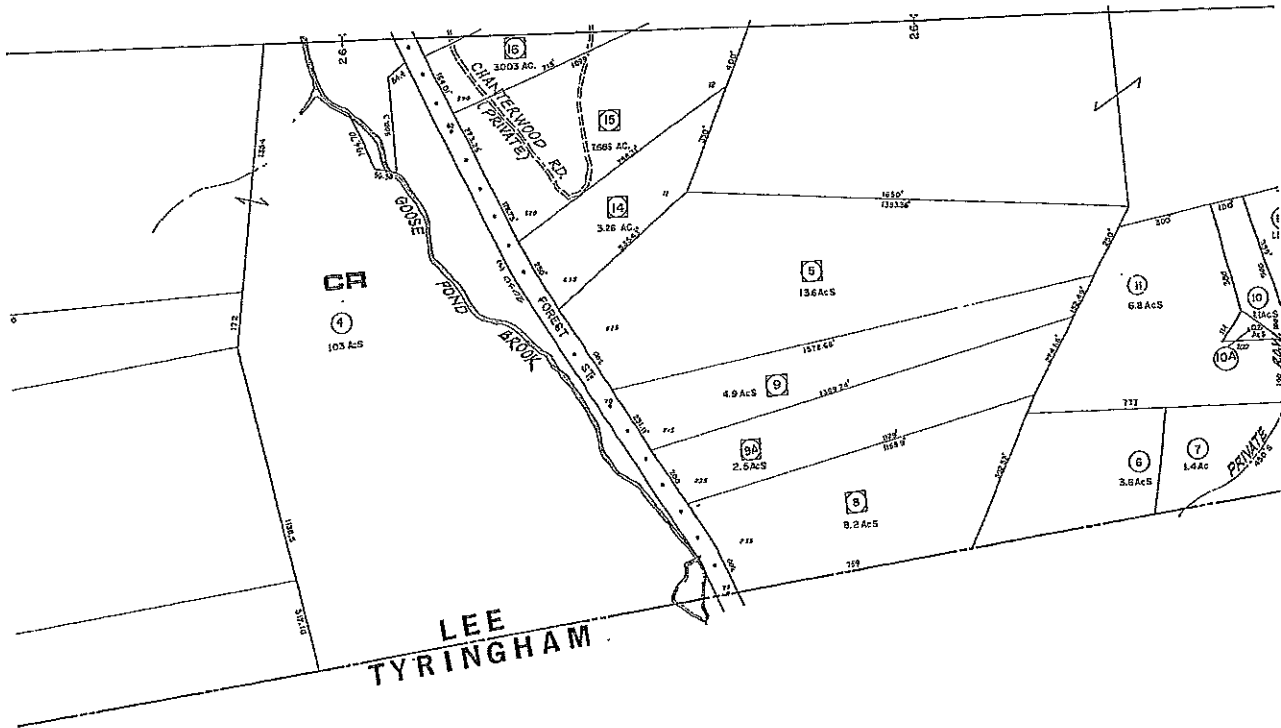


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Exhibit A-5
Lee, MA
Map #26, Lot #ROW
Forest Street, Lee, MA

ASSESSOR'S MAP



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Pittsfield, MA 01201

Exhibit A-6
Lee, MA
Map #32, Lot #ROW
Forest Street, Lee, MA



Robert E. Hoogs
John M. Campetti, P.L.S.
Steven A. Mack, P.E.*
Marc S. Volk

Exhibit B
Project Narrative
Forest Street Repaving and Related Work
Forest Street, Lee, MA

GENERAL

The proposed project is located within the right-of-way along an approximate 8,000 linear foot segment of Forest Street, from the intersection Route 20 (Cape Street) to the Lee/Tyringham town line. The proposed project limits are presently maintained by the Town of Lee Highway Department. Forest Street serves the year round residents as long as the seasonal residents located along and nearby Goose Pond's Lee and Tyringham shorelines. It also provides access to the state boat ramp. The road improvements will enhance tourism travel as well as improve safety. The Town of Lee has obtained grant funding to repave this segment of Forest Street, making provisions to improve the subdrain, bituminous concrete, waterway/curb and guardrail as well as driveway aprons for improving transportation safety in a small rural community.

EXISTING CONDITIONS

In its entirety, Forest Street is approximately 1.5 miles in length beginning at Route 20 (Cape Street) and into the Town of Tyringham, MA ending at Goose Pond Road. The road is currently in very poor condition. Goose pond brook runs along the entire length of the road, to the south and west. There is a small area of floodplain associated within Greenwater Brook at the intersection of Rt 2/Forest Street. This area also is mapped under NHESP. The road is approximately 20' wide and has periodic roadside ditches and guardrail along the entire project length.

PROPOSED WORK

The Town is proposing paving and related work for Forest Street in Lee, MA. The project is approximately 8,000 linear feet and consists of a full depth reclamation and paving of the road which runs from State Highway Route 20 (Cape Street) in the Town of Lee to the Town of Tyringham town line where the road then becomes Goose Pond Road. Additional work includes subdrain replacement, waterway/curb cleaning/maintenance and guardrail replacement and shoulder repair within 24" of the edge of the road as well as improving 50 driveway aprons.

According to section 310 CMR 10.02 Statement of Jurisdiction, the project is exempt from the WPA. 310 CMR 10.02 states the following work is exempt; pavement repair, resurfacing, and reclamation of existing roadways within the right of way configuration provided that the roadway and shoulders are not widened, no staging or stockpiling of materials, all disturbed road shoulders are stabilized within 72 hours of completion of the resurfacing or reclamation, and no work on the drainage system is performed, other than adjustments and/or repairs to respective structures within

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South County Tel (413) 528-8822 · Conn. Valley Tel (413) 736-4601

Email: info@foresightland.com · website: <http://www.foresightland.com>

March 16, 2017

Page 2

the roadway. Also exempt is the repair or replacement of an existing and lawfully located driveway servicing not more than two dwelling units provided that all work remains within the existing limits of the driveway and all surfaces are permanently stabilized within 14 days of final grade.

According to section 321 CMR 10.14 Statement of Jurisdiction, the project is exempt from the MESA review. 321 CMR 10.14 states the following work is exempt; maintenance, repair or replacement, but not widening, of existing paved roads, shoulder repair that does not exceed four feet from an existing travel lane, paved and unpaved driveways and paved and unpaved parking areas, provided such unpaved driveways and unpaved parking areas are for year-round use and are not thereafter paved, but not including bike paths, or parking areas on barrier beaches, coastal beaches, coastal dunes, or salt marshes, as defined by the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40 and 310 CMR 10.00), and not including actions that are likely to result in changes in storm water drainage.

No modifications or improvements to the drainage system are proposed. No changes to any elevations within the floodplain are proposed.

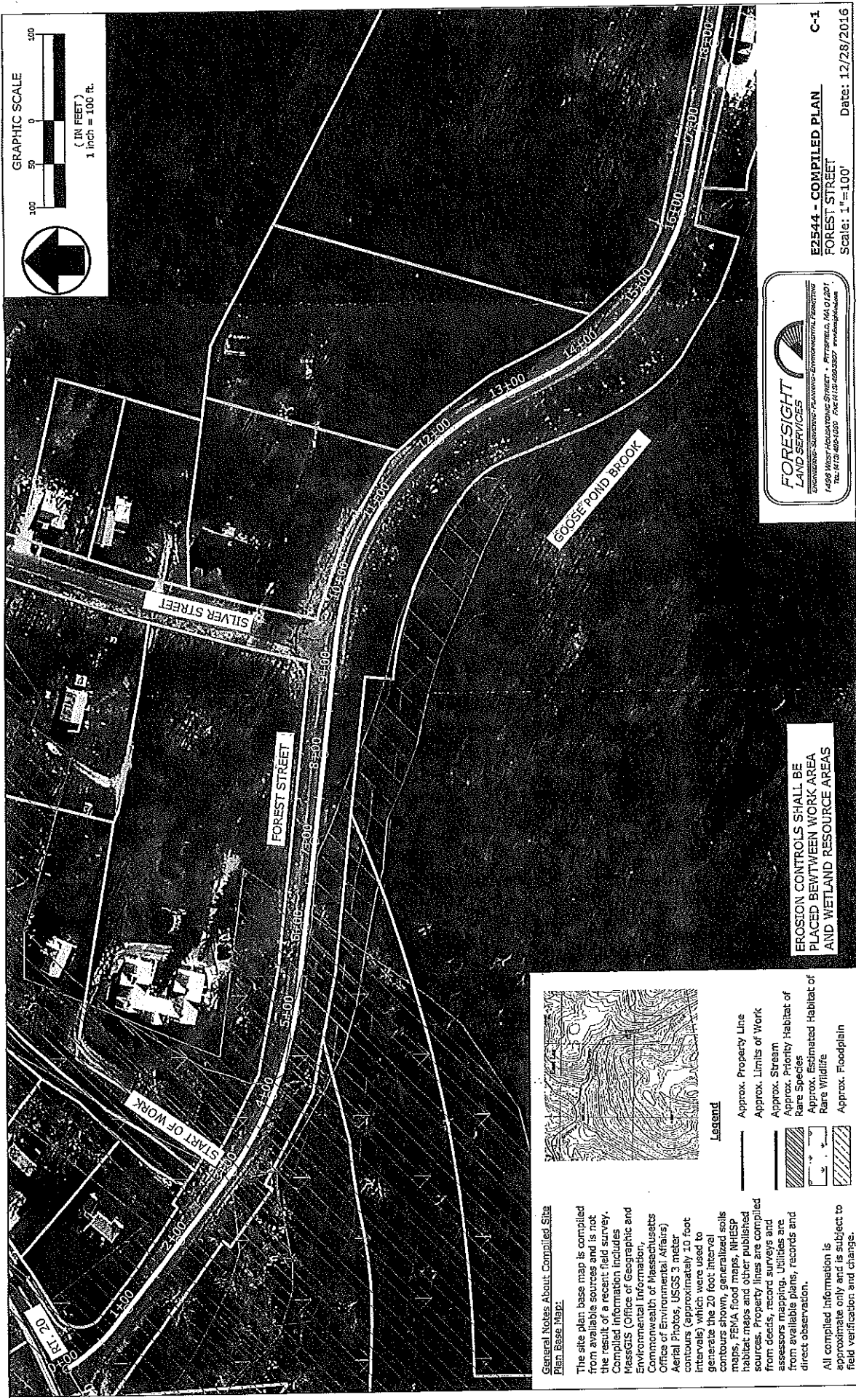
No work beyond the limits of the existing ROW/work are proposed. No widening of the road or shoulders is proposed. This Notice of Intent is meant to give the Conservation Commission the opportunity to review the proposed work with the applicant to ensure it complies with the WPA.

MITIGATING MEASURES

Erosion controls shall be installed as shown on the plans and as evidently needed to control run off from the construction site from reaching the resource area. Erosion controls shall remain in place and shall be maintained until the construction site has vegetated and stabilized. These measures represent the minimum needed to control sediment on the site and to provide a limit of work barrier. The Contractor is responsible for the implementation of additional measures, if needed, to prevent negative impact to resource areas. All disturbed areas shall be restored with loam, seed and straw mulch. All work shall be in conformance with the "Construction-Phase Measures for the Control of Sediments and the Protection of Wetlands" included in this Notice of Intent.

EXHIBIT C-1
GENERAL CONDITIONS:
Construction-Phase Measures for
Control of Sediment and Erosion and Protection of Wetlands

1. Do not disturb existing vegetated areas far in advance of construction. Limit disturbance only to the extent and duration required for imminent construction activities. Retain and protect natural vegetation and vegetative filter strips wherever possible.
2. Temporary vegetation or a heavy mat of wood chips shall be established on all earth stockpiles or stripped areas which will be bare for more than two months and less than 12 months. Such vegetation shall consist of a commercial conservation seed mixture with a high percentage of annual rye grass. Permanent herbaceous cover shall be established on areas which would be bare more than 12 months.
3. A heavy mat of straw mulch, wood chips, erosion control netting, mesh or blanket matting shall be used on disturbed areas if vegetation cannot be established due to season or on-going construction process, or if otherwise required.
4. Silt fence or carefully positioned staked straw bales shall be installed along the downhill edge of disturbed earthwork areas where required to control erosion and sedimentation.
5. Water courses, including intermittent drainage swales, shall be protected from siltation by silt fence barriers or carefully positioned staked straw bale check dams.
6. Sediment traps shall be constructed downhill of disturbed areas and upstream of watercourses and/or wetlands. Trapped sediments shall be removed from the basins during the construction period before they become 50% full to prevent sediment from being transported downhill. Dispose of sediments in on-site upland disposal areas, properly graded, seeded and mulched.
7. Permanent drainage control structures shall be installed as early as possible in the construction process. Drains shall be provided with drain inlet sediment filters and/or traps.
8. Do not fuel construction equipment or store fuel or other potential contaminants within 100 feet of water courses or wetlands.
9. Precast concrete shall be washed down at the manufacturer's plant. Cast-in-place concrete within 100 feet of watercourses/wetlands shall be placed so as to minimize runoff of stormwater from fresh concrete, through use of sumps, diversions, etc. Concrete trucks and equipment contaminated with fresh concrete shall not be washed down within 100 feet of wetlands.
10. An adequate stockpile of erosion control materials shall be on site at all times for emergency or routine replacement and shall include materials to repair silt fences, straw bales, stone-riprap filter dikes or any other devices planned for use during construction.
11. The areas of construction should remain in a stable condition at the close of each construction day. Erosion controls shall be inspected at this time, and maintained or reinforced if necessary.
12. Strictly adhere to all general and special conditions of any Wetlands Protection Act Permits, including plans, details, construction sequencing outline, and other applicable requirements.



General Notes About Compiled Site Plan Base Map:

The site plan base map is compiled from available sources and is not the result of a recent field survey. Compiled information includes: MassGIS (Office of Geographic and Environmental Information, Commonwealth of Massachusetts), Office of Environmental Affairs, Aerial Photos, USGS 3 meter contours (approximately 10 foot intervals) which were used to generate the 20 foot interval contours shown, generalized soils maps, FEMA flood maps, NRCS habitat maps and other published sources. Property lines are compiled from deeds, record surveys and assessors mapping. Utilities are from available plans, records and direct observation.

All compiled information is approximate only and is subject to field verification and change.



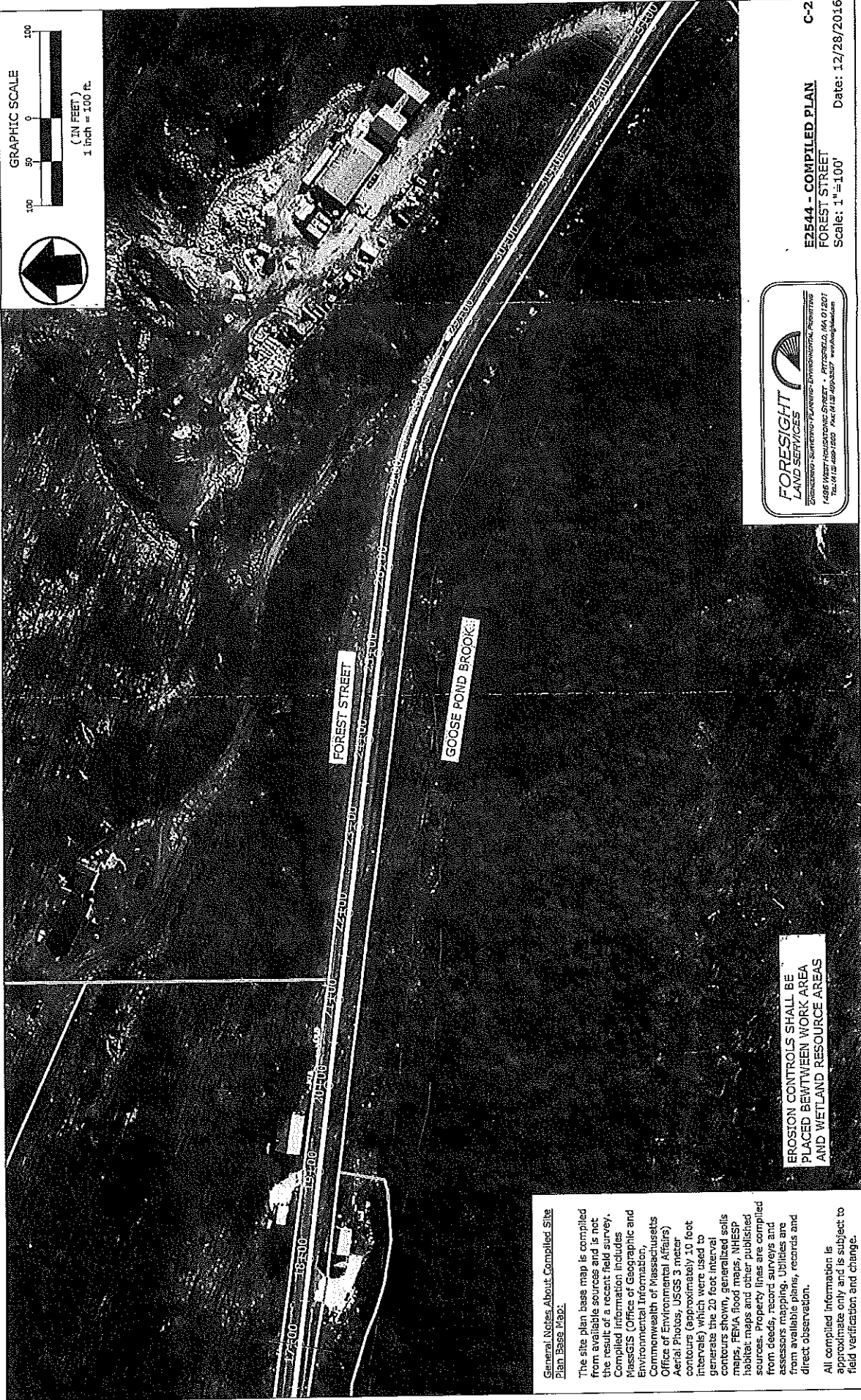
Legend

- Approx. Property Line
- Approx. Limits of Work
- Approx. Stream
- ▨ Approx. Priority Habitat of Rare Species
- ▨ Approx. Estimated Habitat of Rare Wildlife
- ▨ Approx. Floodplain

EROSTON CONTROLS SHALL BE PLACED BETWEEN WORK AREA AND WETLAND RESOURCE AREAS

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 CONSULTING SURVEYING PLANNING ENVIRONMENTAL ENGINEERING
 1489 W. Main Street, Portsmouth, NH 03801
 Tel: 603.435.1500 Fax: 603.435.2027 www.foresight.com

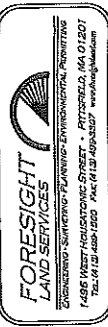
E2544 - COMPILED PLAN C-1
FOREST STREET
 Date: 12/28/2016
 Scale: 1"=100'



General Notes About Compiled Site Plan Base Map:

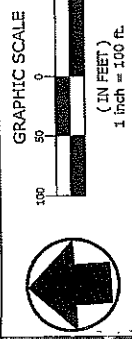
The site plan base map is compiled from available sources and is not the result of a recent field survey. Compiled information includes MASSGIS (Office of Geographic and Environmental Information, Commonwealth of Massachusetts Office of Environmental Affairs) Aerial Photos, USGS 3 meter contours (approximately 10 foot intervals) which were used to generate the 20 foot interval contours shown, generalized soils maps, FEMA flood maps, NHESP sources. Property lines are compiled from deeds, record surveys and assessors mapping. Utilities are from available plans, records and direct observation.

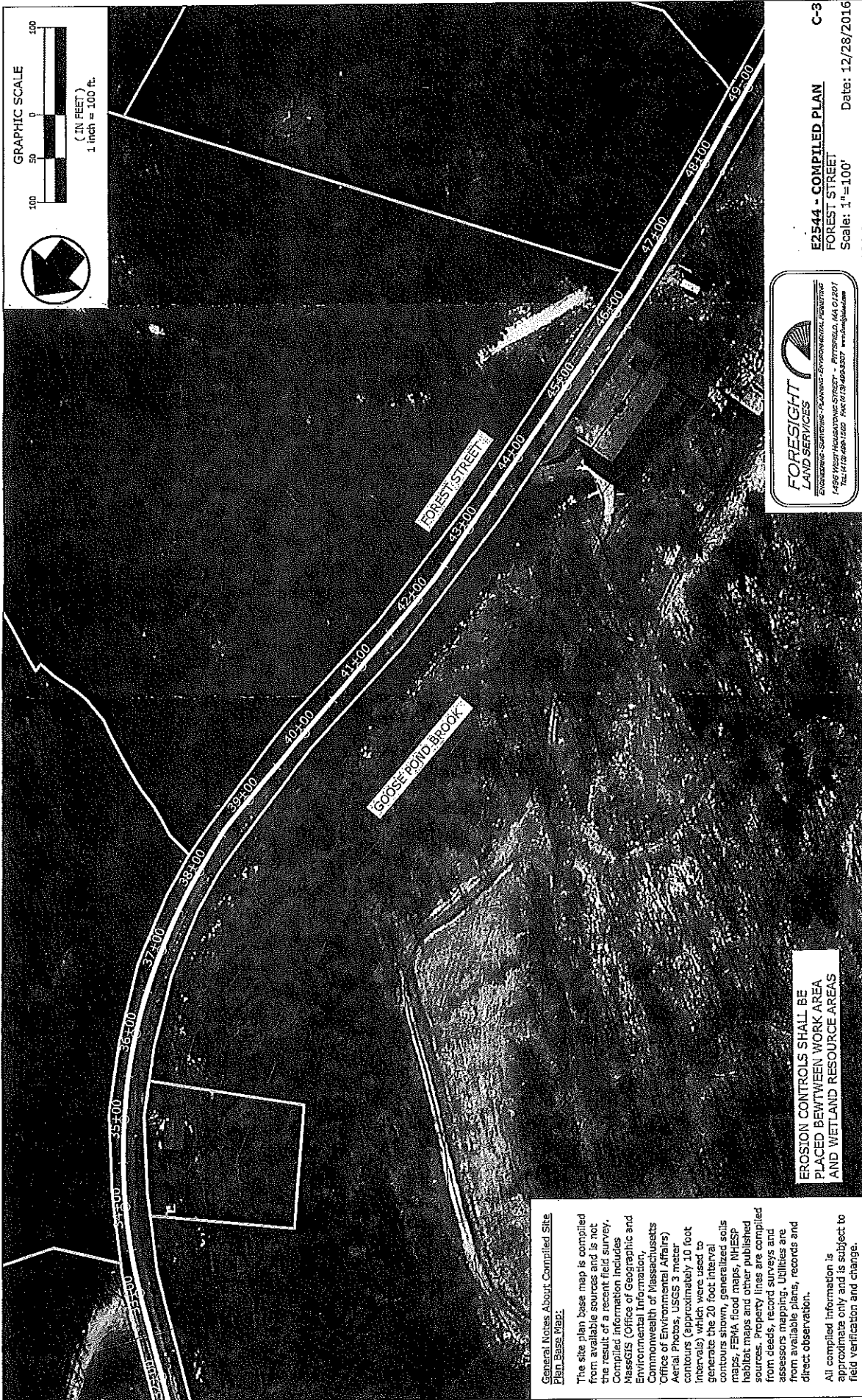
All compiled information is approximate only and is subject to field verification and change.



E2544 - COMPILED PLAN
FOREST STREET
Scale: 1"=100'
Date: 12/28/2016

C-2





EROSION CONTROLS SHALL BE
PLACED BETWEEN WORK AREA
AND WETLAND RESOURCE AREAS

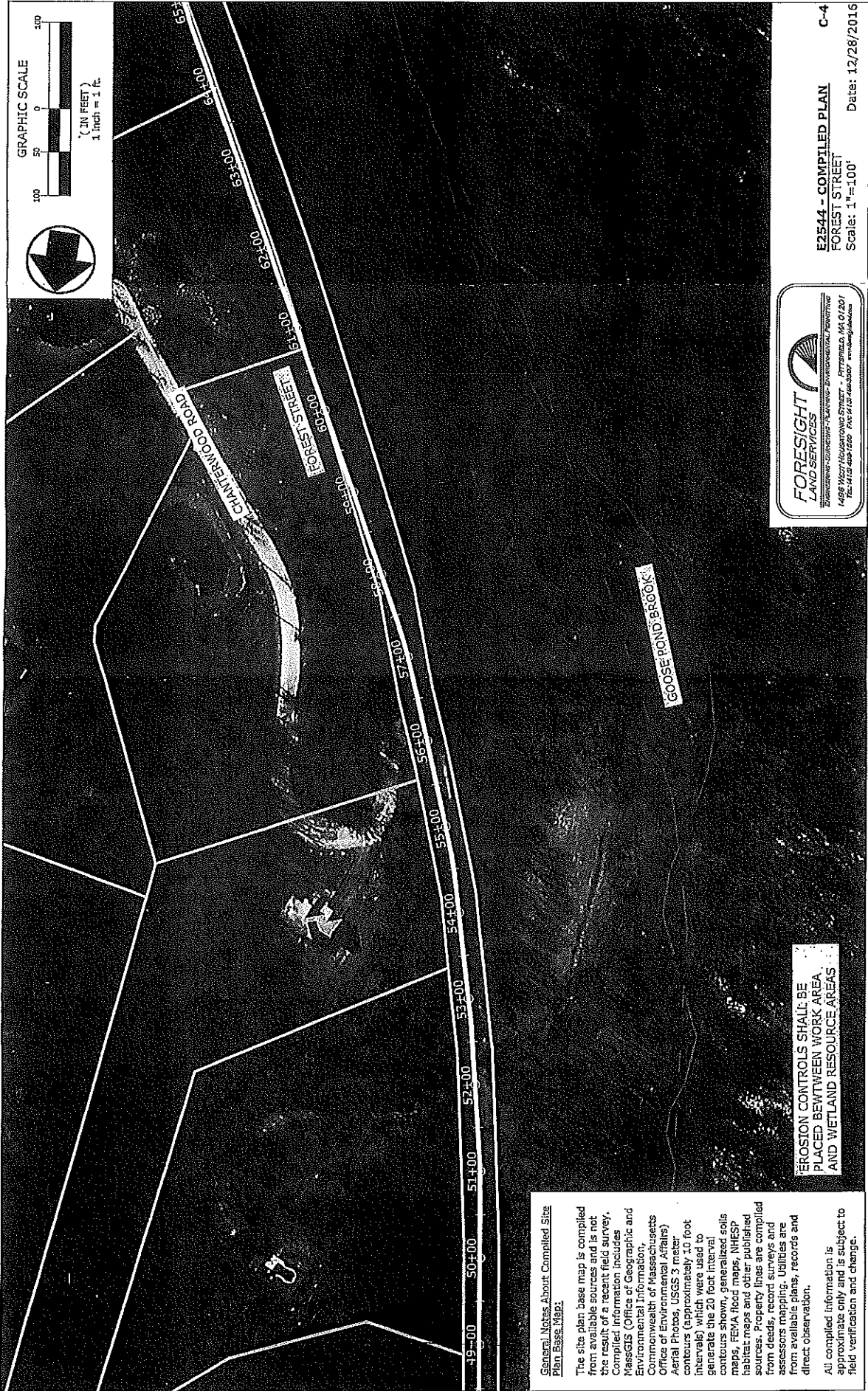
General Notes About Compiled Site Plan Base Map:

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E2544 - COMPILED PLAN
FOREST STREET
C-3
Date: 12/28/2016
Scale: 1"=100'



General Notes About Compiled Site Plan Base Map:

The site plan base map is compiled from available sources and is not the result of a recent field survey. Compiled information includes MassGIS (Office of Geographic and Environmental Information, Commonwealth of Massachusetts Office of Environmental Affairs) Aerial Photos, USGS 3 meter contours (approximately 10 foot intervals) which were used to generate the 20 foot interval contours shown, generalized soils maps, FEMA flood maps, NHESP habitat maps and other published sources. Property lines are compiled from deeds, record surveys and assessors mapping. Utilities are from available plans, records and direct observation.

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E2544 - COMPILED PLAN
FOREST STREET
Scale: 1"=100'
Date: 12/28/2016
C-4



GRAPHIC SCALE



(IN FEET)
1 inch = 1 ft.

LEE/TYRINGHAM TOWN LINE

END OF WORK

FOREST STREET

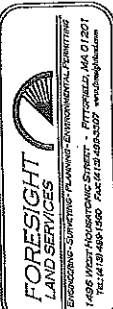
GOOSE POND BROOK

E2544 - COMPILED PLAN

FOREST STREET

Scale: 1"=100'

Date: 12/28/2016



EROSION CONTROLS SHALL BE
PLACED BETWEEN WORK AREA
AND WETLAND RESOURCE AREAS

**General Notes About Compiled Site
Plan Base Map:**

The site plan base map is compiled from available sources and is not the result of a recent field survey. Compiled information includes: MassGIS (Office of Geographic and Environmental Information, Commonwealth of Massachusetts, Office of Environmental Affairs) Aerial Photos, USGS 3 meter contours (approximately 10 foot intervals) which were used to generate the 20 foot interval contour activity, ground surface maps, FEMA flood maps, NHESP habitat maps and other published sources. Property lines are compiled from deeds, record surveys and assessments mapping. Utilities are from available plans, records and direct observation.

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CHARLES D. BAKER
Governor

KARYNE E. POLITO
Lt. Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

RONALD L. WALKER, II
Secretary

WILLIAM D MCKINNEY
Director

Awarding Authority: Town of Lee

Contract Number:

City/Town: LEE

Description of Work: Reconstruction of Forest Street from Cape Street to the Tyringham town line

Job Location: Forest Street

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the "Wage Request Number" on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule from the Department of Labor Standards ("DLS") if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- All apprentices working on the project are required to be registered with the Massachusetts Department of Labor Standards, Division of Apprentice Standards (DLS/DAS). Apprentice must keep his/her apprentice identification card on his/her person during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DLS/DAS regardless of whether or not they are registered with any other federal, state, local, or private agency must be paid the journeyworker's rate for the trade.**
- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F "rental of equipment" contracts.
- Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee's name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may report the violation to the Fair Labor Division of the office of the Attorney General at (617) 727-3465.
- Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2016	\$32.15	\$10.91	\$10.89	\$0.00	\$53.95
(3 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2016	\$32.22	\$10.91	\$10.89	\$0.00	\$54.02
(4 & 5 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2016	\$32.34	\$10.91	\$10.89	\$0.00	\$54.14
ADS/SUBMERSIBLE PILOT PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2015	\$90.51	\$9.80	\$18.17	\$0.00	\$118.48
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$26.25	\$7.60	\$11.10	\$0.00	\$44.95
For apprentice rates see "Apprentice- LABORER"						
AIR TRACK OPERATOR (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$27.17	\$7.60	\$12.45	\$0.00	\$47.22
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
ASBESTOS WORKER (PIPES & TANKS) HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)	12/01/2016	\$30.51	\$11.50	\$6.60	\$0.00	\$48.61
	06/01/2017	\$31.41	\$11.50	\$6.60	\$0.00	\$49.51
	12/01/2017	\$32.31	\$11.50	\$6.60	\$0.00	\$50.41
	06/01/2018	\$33.21	\$11.50	\$6.60	\$0.00	\$51.31
	12/01/2018	\$34.11	\$11.50	\$6.60	\$0.00	\$52.21
	06/01/2019	\$35.01	\$11.50	\$6.60	\$0.00	\$53.11
	12/01/2019	\$35.91	\$11.50	\$6.60	\$0.00	\$54.01
	06/01/2020	\$36.81	\$11.50	\$6.60	\$0.00	\$54.91
	12/01/2020	\$37.71	\$11.50	\$6.60	\$0.00	\$55.81
ASPHALT RAKER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
For apprentice rates see "Apprentice- LABORER"						
ASPHALT RAKER (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER) OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.68	\$10.58	\$12.38	\$0.00	\$56.64
	06/01/2017	\$33.88	\$10.79	\$12.75	\$0.00	\$57.42
	12/01/2017	\$34.48	\$10.79	\$13.02	\$0.00	\$58.29
	06/01/2018	\$35.09	\$10.79	\$13.29	\$0.00	\$59.17
	12/01/2018	\$35.69	\$10.79	\$13.56	\$0.00	\$60.04
	06/01/2019	\$36.20	\$10.79	\$13.83	\$0.00	\$60.82
	12/01/2019	\$36.80	\$10.79	\$14.10	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER OPERATOR OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.68	\$10.58	\$12.38	\$0.00	\$56.64
	06/01/2017	\$33.88	\$10.79	\$12.75	\$0.00	\$57.42
	12/01/2017	\$34.48	\$10.79	\$13.02	\$0.00	\$58.29
	06/01/2018	\$35.09	\$10.79	\$13.29	\$0.00	\$59.17
	12/01/2018	\$35.69	\$10.79	\$13.56	\$0.00	\$60.04
	06/01/2019	\$36.20	\$10.79	\$13.83	\$0.00	\$60.82
	12/01/2019	\$36.80	\$10.79	\$14.10	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BARCO-TYPE JUMPING TAMPER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"						
BATCH/CEMENT PLANT - ON SITE	12/01/2016	\$33.15	\$10.58	\$12.38	\$0.00	\$56.11
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$33.35	\$10.79	\$12.75	\$0.00	\$56.89
	12/01/2017	\$33.95	\$10.79	\$13.02	\$0.00	\$57.76
	06/01/2018	\$34.56	\$10.79	\$13.29	\$0.00	\$58.64
	12/01/2018	\$35.16	\$10.79	\$13.56	\$0.00	\$59.51
	06/01/2019	\$35.67	\$10.79	\$13.83	\$0.00	\$60.29
	12/01/2019	\$36.27	\$10.79	\$14.10	\$0.00	\$61.16
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BLOCK PAVER, RAMMER / CURB SETTER	12/01/2016	\$26.25	\$7.60	\$11.10	\$0.00	\$44.95
LABORERS - ZONE 4 (BUILDING & SITE)						
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY)	12/01/2016	\$27.17	\$7.60	\$12.45	\$0.00	\$47.22
LABORERS - ZONE 4 (HEAVY & HIGHWAY)						
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
BOILER MAKER	01/01/2017	\$42.92	\$6.97	\$16.21	\$0.00	\$66.10
BOILERMAKERS LOCAL 29						

Apprentice - BOILERMAKER - Local 29

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$27.90	\$6.97	\$10.54	\$0.00	\$45.41
2	65	\$27.90	\$6.97	\$10.54	\$0.00	\$45.41
3	70	\$30.04	\$6.97	\$11.35	\$0.00	\$48.36
4	75	\$32.19	\$6.97	\$12.16	\$0.00	\$51.32
5	80	\$34.34	\$6.97	\$12.97	\$0.00	\$54.28
6	85	\$36.48	\$6.97	\$13.78	\$0.00	\$57.23
7	90	\$38.63	\$6.97	\$14.59	\$0.00	\$60.19
8	95	\$40.77	\$6.97	\$15.40	\$0.00	\$63.14

Notes:

Apprentice to Journeyworker Ratio:1:5

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	02/27/2017	\$39.26	\$10.75	\$17.38	\$0.00	\$67.39
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)						

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Springfield/Pittsfield

Effective Date - 02/27/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.63	\$10.75	\$17.38	\$0.00	\$47.76
2	60	\$23.56	\$10.75	\$17.38	\$0.00	\$51.69
3	70	\$27.48	\$10.75	\$17.38	\$0.00	\$55.61
4	80	\$31.41	\$10.75	\$17.38	\$0.00	\$59.54
5	90	\$35.33	\$10.75	\$17.38	\$0.00	\$63.46

Notes:

Apprentice to Journeyworker Ratio:1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER	12/01/2016	\$33.68	\$10.58	\$12.38	\$0.00	\$56.64
/CLAM SHELL OPERATING	06/01/2017	\$33.88	\$10.79	\$12.75	\$0.00	\$57.42
ENGINEERS LOCAL 98	12/01/2017	\$34.48	\$10.79	\$13.02	\$0.00	\$58.29
	06/01/2018	\$35.09	\$10.79	\$13.29	\$0.00	\$59.17
	12/01/2018	\$35.69	\$10.79	\$13.56	\$0.00	\$60.04
	06/01/2019	\$36.20	\$10.79	\$13.83	\$0.00	\$60.82
	12/01/2019	\$36.80	\$10.79	\$14.10	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
CAISSON & UNDERPINNING BOTTOM MAN	12/01/2016	\$37.45	\$7.60	\$14.35	\$0.00	\$59.40
LABORERS - FOUNDATION AND MARINE						
For apprentice rates see "Apprentice- LABORER"						
CAISSON & UNDERPINNING LABORER	12/01/2016	\$36.30	\$7.60	\$14.35	\$0.00	\$58.25
LABORERS - FOUNDATION AND MARINE						
For apprentice rates see "Apprentice- LABORER"						
CAISSON & UNDERPINNING TOP MAN	12/01/2016	\$36.30	\$7.60	\$14.35	\$0.00	\$58.25
LABORERS - FOUNDATION AND MARINE						
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
LABORERS - ZONE 4 (BUILDING & SITE)						
For apprentice rates see "Apprentice- LABORER"						
CARPENTER	02/27/2017	\$34.56	\$8.26	\$15.00	\$0.00	\$57.82
CARPENTERS LOCAL 108 - BERKSHIRE COUNTY	09/04/2017	\$35.56	\$8.26	\$15.00	\$0.00	\$58.82
	03/05/2018	\$36.56	\$8.26	\$15.00	\$0.00	\$59.82
	09/05/2018	\$37.60	\$8.26	\$15.00	\$0.00	\$60.86
	03/04/2019	\$38.64	\$8.26	\$15.00	\$0.00	\$61.90

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - CARPENTER - Local 108 Berkshire

Effective Date - 02/27/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.28	\$8.26	\$1.22	\$0.00	\$26.76
2	60	\$20.74	\$8.26	\$1.22	\$0.00	\$30.22
3	70	\$24.19	\$8.26	\$11.34	\$0.00	\$43.79
4	75	\$25.92	\$8.26	\$11.34	\$0.00	\$45.52
5	80	\$27.65	\$8.26	\$12.56	\$0.00	\$48.47
6	80	\$27.65	\$8.26	\$12.56	\$0.00	\$48.47
7	90	\$31.10	\$8.26	\$13.78	\$0.00	\$53.14
8	90	\$31.10	\$8.26	\$13.78	\$0.00	\$53.14

Effective Date - 09/04/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.78	\$8.26	\$1.22	\$0.00	\$27.26
2	60	\$21.34	\$8.26	\$1.22	\$0.00	\$30.82
3	70	\$24.89	\$8.26	\$11.34	\$0.00	\$44.49
4	75	\$26.67	\$8.26	\$11.34	\$0.00	\$46.27
5	80	\$28.45	\$8.26	\$12.56	\$0.00	\$49.27
6	80	\$28.45	\$8.26	\$12.56	\$0.00	\$49.27
7	90	\$32.00	\$8.26	\$13.78	\$0.00	\$54.04
8	90	\$32.00	\$8.26	\$13.78	\$0.00	\$54.04

Notes:

** 1: 1-5/2: 6-8/3:9-11/Steps: 6 mos (600 hrs)/rates by step

Apprentice to Journeyworker Ratio:**

CEMENT MASONRY/PLASTERING	01/01/2017	\$38.72	\$12.15	\$14.56	\$1.30	\$66.73
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)	07/01/2017	\$39.31	\$12.15	\$14.56	\$1.30	\$67.32
	01/01/2018	\$39.34	\$12.15	\$14.56	\$1.30	\$67.35
	07/01/2018	\$39.37	\$12.15	\$14.56	\$1.30	\$67.38
	01/01/2019	\$39.41	\$12.15	\$14.56	\$1.30	\$67.42
	07/01/2019	\$39.44	\$12.15	\$14.56	\$1.30	\$67.45
	01/01/2020	\$39.48	\$12.15	\$14.56	\$1.30	\$67.49

Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - CEMENT MASONRY/PLASTERING - Springfield/Pittsfield**Effective Date - 01/01/2017**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.36	\$12.15	\$12.33	\$0.00	\$43.84
2	60	\$23.23	\$12.15	\$14.56	\$1.30	\$51.24
3	65	\$25.17	\$12.15	\$14.56	\$1.30	\$53.18
4	70	\$27.10	\$12.15	\$14.56	\$1.30	\$55.11
5	75	\$29.04	\$12.15	\$14.56	\$1.30	\$57.05
6	80	\$30.98	\$12.15	\$14.56	\$1.30	\$58.99
7	90	\$34.85	\$12.15	\$14.56	\$1.30	\$62.86

Effective Date - 07/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.66	\$12.15	\$12.33	\$0.00	\$44.14
2	60	\$23.59	\$12.15	\$14.56	\$1.30	\$51.60
3	65	\$25.55	\$12.15	\$14.56	\$1.30	\$53.56
4	70	\$27.52	\$12.15	\$14.56	\$1.30	\$55.53
5	75	\$29.48	\$12.15	\$14.56	\$1.30	\$57.49
6	80	\$31.45	\$12.15	\$14.56	\$1.30	\$59.46
7	90	\$35.38	\$12.15	\$14.56	\$1.30	\$63.39

Notes:

Steps 3,4 are 500 hrs. All other steps are 1,000 hrs.

Apprentice to Journeyworker Ratio:1:3

CHAIN SAW OPERATOR	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
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LABORERS - ZONE 4 (BUILDING & SITE)

For apprentice rates see "Apprentice- LABORER"

COMPRESSOR OPERATOR	12/01/2016	\$33.15	\$10.58	\$12.38	\$0.00	\$56.11
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$33.35	\$10.79	\$12.75	\$0.00	\$56.89
	12/01/2017	\$33.95	\$10.79	\$13.02	\$0.00	\$57.76
	06/01/2018	\$34.56	\$10.79	\$13.29	\$0.00	\$58.64
	12/01/2018	\$35.16	\$10.79	\$13.56	\$0.00	\$59.51
	06/01/2019	\$35.67	\$10.79	\$13.83	\$0.00	\$60.29
	12/01/2019	\$36.27	\$10.79	\$14.10	\$0.00	\$61.16

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CRANE OPERATOR	12/01/2016	\$37.18	\$10.58	\$12.38	\$0.00	\$60.14
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$37.38	\$10.79	\$12.75	\$0.00	\$60.92
	12/01/2017	\$37.98	\$10.79	\$13.02	\$0.00	\$61.79
	06/01/2018	\$38.59	\$10.79	\$13.29	\$0.00	\$62.67
	12/01/2018	\$39.19	\$10.79	\$13.56	\$0.00	\$63.54
	06/01/2019	\$39.70	\$10.79	\$13.83	\$0.00	\$64.32
	12/01/2019	\$40.30	\$10.79	\$14.10	\$0.00	\$65.19

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE)	01/01/2017	\$51.41	\$7.85	\$16.10	\$0.00	\$75.36
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PAINTERS LOCAL 35 - ZONE 3

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.71	\$7.85	\$0.00	\$0.00	\$33.56
2	55	\$28.28	\$7.85	\$3.66	\$0.00	\$39.79
3	60	\$30.85	\$7.85	\$3.99	\$0.00	\$42.69
4	65	\$33.42	\$7.85	\$4.32	\$0.00	\$45.59
5	70	\$35.99	\$7.85	\$14.11	\$0.00	\$57.95
6	75	\$38.56	\$7.85	\$14.44	\$0.00	\$60.85
7	80	\$41.13	\$7.85	\$14.77	\$0.00	\$63.75
8	90	\$46.27	\$7.85	\$15.44	\$0.00	\$69.56

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

DEMO: ADZEMAN	12/01/2016	\$36.50	\$7.60	\$14.15	\$0.00	\$58.25
LABORERS - ZONE 4 (BUILDING & SITE)	06/01/2017	\$37.50	\$7.60	\$14.15	\$0.00	\$59.25
	12/01/2017	\$38.35	\$7.60	\$14.15	\$0.00	\$60.10
	06/01/2018	\$39.30	\$7.60	\$14.15	\$0.00	\$61.05
	12/01/2018	\$40.25	\$7.60	\$14.15	\$0.00	\$62.00
	06/01/2019	\$41.25	\$7.60	\$14.15	\$0.00	\$63.00
	12/01/2019	\$42.25	\$7.60	\$14.15	\$0.00	\$64.00

For apprentice rates see "Apprentice- LABORER"

DEMO: BACKHOE/LOADER/HAMMER OPERATOR	12/01/2016	\$37.50	\$7.60	\$14.15	\$0.00	\$59.25
LABORERS - ZONE 4 (BUILDING & SITE)	06/01/2017	\$38.50	\$7.60	\$14.15	\$0.00	\$60.25
	12/01/2017	\$39.35	\$7.60	\$14.15	\$0.00	\$61.10
	06/01/2018	\$40.30	\$7.60	\$14.15	\$0.00	\$62.05
	12/01/2018	\$41.25	\$7.60	\$14.15	\$0.00	\$63.00
	06/01/2019	\$42.25	\$7.60	\$14.15	\$0.00	\$64.00
	12/01/2019	\$43.25	\$7.60	\$14.15	\$0.00	\$65.00

For apprentice rates see "Apprentice- LABORER"

DEMO: BURNERS	12/01/2016	\$37.25	\$7.60	\$14.15	\$0.00	\$59.00
LABORERS - ZONE 4 (BUILDING & SITE)	06/01/2017	\$38.25	\$7.60	\$14.15	\$0.00	\$60.00
	12/01/2017	\$39.10	\$7.60	\$14.15	\$0.00	\$60.85
	06/01/2018	\$40.05	\$7.60	\$14.15	\$0.00	\$61.80
	12/01/2018	\$41.00	\$7.60	\$14.15	\$0.00	\$62.75
	06/01/2019	\$42.00	\$7.60	\$14.15	\$0.00	\$63.75
	12/01/2019	\$43.00	\$7.60	\$14.15	\$0.00	\$64.75

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: CONCRETE CUTTER/SAWYER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$37.50	\$7.60	\$14.15	\$0.00	\$59.25
	06/01/2017	\$38.50	\$7.60	\$14.15	\$0.00	\$60.25
	12/01/2017	\$39.35	\$7.60	\$14.15	\$0.00	\$61.10
	06/01/2018	\$40.30	\$7.60	\$14.15	\$0.00	\$62.05
	12/01/2018	\$41.25	\$7.60	\$14.15	\$0.00	\$63.00
	06/01/2019	\$42.25	\$7.60	\$14.15	\$0.00	\$64.00
	12/01/2019	\$43.25	\$7.60	\$14.15	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$37.25	\$7.60	\$14.15	\$0.00	\$59.00
	06/01/2017	\$38.25	\$7.60	\$14.15	\$0.00	\$60.00
	12/01/2017	\$39.10	\$7.60	\$14.15	\$0.00	\$60.85
	06/01/2018	\$40.05	\$7.60	\$14.15	\$0.00	\$61.80
	12/01/2018	\$41.00	\$7.60	\$14.15	\$0.00	\$62.75
	06/01/2019	\$42.00	\$7.60	\$14.15	\$0.00	\$63.75
	12/01/2019	\$43.00	\$7.60	\$14.15	\$0.00	\$64.75
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$36.50	\$7.60	\$14.15	\$0.00	\$58.25
	06/01/2017	\$37.50	\$7.60	\$14.15	\$0.00	\$59.25
	12/01/2017	\$38.35	\$7.60	\$14.15	\$0.00	\$60.10
	06/01/2018	\$39.30	\$7.60	\$14.15	\$0.00	\$61.05
	12/01/2018	\$40.25	\$7.60	\$14.15	\$0.00	\$62.00
	06/01/2019	\$41.25	\$7.60	\$14.15	\$0.00	\$63.00
	12/01/2019	\$42.25	\$7.60	\$14.15	\$0.00	\$64.00
For apprentice rates see "Apprentice- LABORER"						
DIVER PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2015	\$60.34	\$9.80	\$18.17	\$0.00	\$88.31
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2015	\$43.10	\$9.80	\$18.17	\$0.00	\$71.07
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2015	\$64.65	\$9.80	\$18.17	\$0.00	\$92.62
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2015	\$90.51	\$9.80	\$18.17	\$0.00	\$118.48
For apprentice rates see "Apprentice- PILE DRIVER"						
ELECTRICIAN (Including Core Drilling) ELECTRICIANS LOCAL 7	01/01/2017	\$39.51	\$9.35	\$10.84	\$0.00	\$59.70

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - ELECTRICIAN - Local 7

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$15.80	\$5.00	\$0.47	\$0.00	\$21.27
2	45	\$17.78	\$5.00	\$0.53	\$0.00	\$23.31
3	50	\$19.76	\$9.35	\$6.54	\$0.00	\$35.65
4	55	\$21.73	\$9.35	\$6.60	\$0.00	\$37.68
5	65	\$25.68	\$9.35	\$7.72	\$0.00	\$42.75
6	70	\$27.66	\$9.35	\$8.78	\$0.00	\$45.79

Notes: Pre-5/31/11 Begins at Step 3 \$39.72/4\$41.75/5\$46.38/6\$48.60
Steps 1-2 are 1000 hrs; Steps 3-6 are 1500 hrs.

Apprentice to Journeyworker Ratio:2:3***

ELEVATOR CONSTRUCTOR	01/01/2017	\$49.90	\$15.28	\$15.71	\$0.00	\$80.89
ELEVATOR CONSTRUCTORS LOCAL 41						

Apprentice - ELEVATOR CONSTRUCTOR - Local 41

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.95	\$15.28	\$15.71	\$0.00	\$55.94
2	55	\$27.45	\$15.28	\$15.71	\$0.00	\$58.44
3	65	\$32.44	\$15.28	\$15.71	\$0.00	\$63.43
4	70	\$34.93	\$15.28	\$15.71	\$0.00	\$65.92
5	80	\$39.92	\$15.28	\$15.71	\$0.00	\$70.91

Notes:
Steps 1-2 are 6 mos.; Steps 3-5 are 1 year

Apprentice to Journeyworker Ratio:1:1

ELEVATOR CONSTRUCTOR HELPER	01/01/2017	\$34.93	\$15.28	\$15.71	\$0.00	\$65.92
ELEVATOR CONSTRUCTORS LOCAL 41						

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

FENCE & BEAM RAIL ERECTOR	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
LABORERS - ZONE 4 (BUILDING & SITE)						

For apprentice rates see "Apprentice- LABORER"

FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
LABORERS - ZONE 4 (HEAVY & HIGHWAY)						

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY	06/01/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$27.74
OPERATING ENGINEERS LOCAL 98						

FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY	06/01/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$30.23
OPERATING ENGINEERS LOCAL 98						

FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY	06/01/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$31.23
OPERATING ENGINEERS LOCAL 98						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIRE ALARM INSTALLER ELECTRICIANS LOCAL 7	01/01/2017	\$39.51	\$9.35	\$10.84	\$0.00	\$59.70
For apprentice rates see "Apprentice- ELECTRICIAN"						
FIRE ALARM REPAIR / MAINTENANCE / COMMISSIONINGELECTRICIANS LOCAL 7	01/01/2017	\$39.51	\$9.35	\$10.84	\$0.00	\$59.70
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"						
FIREMAN OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.15	\$10.58	\$12.38	\$0.00	\$56.11
	06/01/2017	\$33.35	\$10.79	\$12.75	\$0.00	\$56.89
	12/01/2017	\$33.95	\$10.79	\$13.02	\$0.00	\$57.76
	06/01/2018	\$34.56	\$10.79	\$13.29	\$0.00	\$58.64
	12/01/2018	\$35.16	\$10.79	\$13.56	\$0.00	\$59.51
	06/01/2019	\$35.67	\$10.79	\$13.83	\$0.00	\$60.29
	12/01/2019	\$36.27	\$10.79	\$14.10	\$0.00	\$61.16

Apprentice - OPERATING ENGINEERS - Local 98 Class 3

Effective Date - 12/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.89	\$10.58	\$12.38	\$0.00	\$42.85
2	70	\$23.21	\$10.58	\$12.38	\$0.00	\$46.17
3	80	\$26.52	\$10.58	\$12.38	\$0.00	\$49.48
4	90	\$29.84	\$10.58	\$12.38	\$0.00	\$52.80

Effective Date - 06/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$20.01	\$10.79	\$12.75	\$0.00	\$43.55
2	70	\$23.35	\$10.79	\$12.75	\$0.00	\$46.89
3	80	\$26.68	\$10.79	\$12.75	\$0.00	\$50.22
4	90	\$30.02	\$10.79	\$12.75	\$0.00	\$53.56

Notes:

Steps 1-2 are 1000 hrs.; Steps 3-4 are 2000 hrs.

Apprentice to Journeyworker Ratio:1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$20.50	\$7.60	\$12.45	\$0.00	\$40.55
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE III	03/01/2016	\$32.60	\$8.55	\$14.42	\$0.00	\$55.57

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - FLOORCOVERER - Local 2168 Zone III

Effective Date - 03/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.30	\$8.55	\$1.20	\$0.00	\$26.05
2	55	\$17.93	\$8.55	\$1.20	\$0.00	\$27.68
3	60	\$19.56	\$8.55	\$10.82	\$0.00	\$38.93
4	65	\$21.19	\$8.55	\$10.82	\$0.00	\$40.56
5	70	\$22.82	\$8.55	\$12.02	\$0.00	\$43.39
6	75	\$24.45	\$8.55	\$12.02	\$0.00	\$45.02
7	80	\$26.08	\$8.55	\$13.22	\$0.00	\$47.85
8	85	\$27.71	\$8.55	\$13.22	\$0.00	\$49.48

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

FORK LIFT	12/01/2016	\$33.37	\$10.58	\$12.38	\$0.00	\$56.33
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$33.57	\$10.79	\$12.75	\$0.00	\$57.11
	12/01/2017	\$34.17	\$10.79	\$13.02	\$0.00	\$57.98
	06/01/2018	\$34.78	\$10.79	\$13.29	\$0.00	\$58.86
	12/01/2018	\$35.38	\$10.79	\$13.56	\$0.00	\$59.73
	06/01/2019	\$35.89	\$10.79	\$13.83	\$0.00	\$60.51
	12/01/2019	\$36.49	\$10.79	\$14.10	\$0.00	\$61.38

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATORS/LIGHTING PLANTS	12/01/2016	\$29.92	\$10.58	\$12.38	\$0.00	\$52.88
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$30.12	\$10.79	\$12.75	\$0.00	\$53.66
	12/01/2017	\$30.72	\$10.79	\$13.02	\$0.00	\$54.53
	06/01/2018	\$31.33	\$10.79	\$13.29	\$0.00	\$55.41
	12/01/2018	\$31.93	\$10.79	\$13.56	\$0.00	\$56.28
	06/01/2019	\$32.44	\$10.79	\$13.83	\$0.00	\$57.06
	12/01/2019	\$33.04	\$10.79	\$14.10	\$0.00	\$57.93

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)	06/01/2016	\$35.58	\$10.70	\$8.25	\$0.00	\$54.53
GLAZIERS LOCAL 1333						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - GLAZIER - Local 1333

Effective Date - 06/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.79	\$10.70	\$1.00	\$0.00	\$29.49
2	56	\$20.01	\$10.70	\$1.00	\$0.00	\$31.71
3	63	\$22.24	\$10.70	\$1.50	\$0.00	\$34.44
4	69	\$24.46	\$10.70	\$1.50	\$0.00	\$36.66
5	75	\$26.69	\$10.70	\$2.00	\$0.00	\$39.39
6	81	\$28.91	\$10.70	\$2.00	\$0.00	\$41.61
7	88	\$31.13	\$10.70	\$8.00	\$0.00	\$49.83
8	94	\$33.36	\$10.70	\$8.00	\$0.00	\$52.06

Notes:

Apprentice to Journeyworker Ratio:1:3

GRADER/TRENCHING MACHINE/DERRICK OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.68	\$10.58	\$12.38	\$0.00	\$56.64
	06/01/2017	\$33.88	\$10.79	\$12.75	\$0.00	\$57.42
	12/01/2017	\$34.48	\$10.79	\$13.02	\$0.00	\$58.29
	06/01/2018	\$35.09	\$10.79	\$13.29	\$0.00	\$59.17
	12/01/2018	\$35.69	\$10.79	\$13.56	\$0.00	\$60.04
	06/01/2019	\$36.20	\$10.79	\$13.83	\$0.00	\$60.82
	12/01/2019	\$36.80	\$10.79	\$14.10	\$0.00	\$61.69

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63	01/01/2017	\$32.24	\$10.64	\$15.49	\$1.75	\$60.12
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For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 7	01/01/2017	\$39.51	\$9.35	\$10.84	\$0.00	\$59.70
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For apprentice rates see "Apprentice- ELECTRICIAN"

HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 63	01/01/2017	\$32.24	\$10.64	\$15.49	\$1.75	\$60.12
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For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (TESTING AND BALANCING -WATER) PLUMBERS & PIPEFITTERS LOCAL 104 WESTERN DIVISION	03/17/2017	\$37.73	\$8.50	\$15.30	\$0.00	\$61.53
	09/17/2017	\$38.78	\$8.50	\$15.30	\$0.00	\$62.58
	03/17/2018	\$39.83	\$8.50	\$15.30	\$0.00	\$63.63
	09/17/2018	\$41.08	\$8.50	\$15.30	\$0.00	\$64.88
	03/17/2019	\$42.33	\$8.50	\$15.30	\$0.00	\$66.13

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

HVAC MECHANIC PLUMBERS & PIPEFITTERS LOCAL 104 WESTERN DIVISION	03/17/2017	\$37.73	\$8.50	\$15.30	\$0.00	\$61.53
	09/17/2017	\$38.78	\$8.50	\$15.30	\$0.00	\$62.58
	03/17/2018	\$39.83	\$8.50	\$15.30	\$0.00	\$63.63
	09/17/2018	\$41.08	\$8.50	\$15.30	\$0.00	\$64.88
	03/17/2019	\$42.33	\$8.50	\$15.30	\$0.00	\$66.13

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HYDRAULIC DRILLS (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$27.17	\$7.60	\$12.45	\$0.00	\$47.22

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

INSULATOR (PIPES & TANKS) HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)	09/01/2016	\$36.07	\$11.75	\$14.20	\$0.00	\$62.02
	09/01/2017	\$37.67	\$11.75	\$14.20	\$0.00	\$63.62
	09/01/2018	\$39.47	\$11.75	\$14.20	\$0.00	\$65.42
	09/01/2019	\$41.47	\$11.75	\$14.20	\$0.00	\$67.42

Apprentice - ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Springfield

Effective Date - 09/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.04	\$11.75	\$10.45	\$0.00	\$40.24
2	60	\$21.64	\$11.75	\$11.20	\$0.00	\$44.59
3	70	\$25.25	\$11.75	\$11.95	\$0.00	\$48.95
4	80	\$28.86	\$11.75	\$12.70	\$0.00	\$53.31

Effective Date - 09/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.84	\$11.75	\$10.45	\$0.00	\$41.04
2	60	\$22.60	\$11.75	\$11.20	\$0.00	\$45.55
3	70	\$26.37	\$11.75	\$11.95	\$0.00	\$50.07
4	80	\$30.14	\$11.75	\$12.70	\$0.00	\$54.59

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER IRONWORKERS LOCAL 7 (SPRINGFIELD AREA)	03/16/2017	\$32.39	\$7.80	\$19.60	\$0.00	\$59.79
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Apprentice - IRONWORKER - Local 7 Springfield

Effective Date - 03/16/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.43	\$7.80	\$19.60	\$0.00	\$46.83
2	70	\$22.67	\$7.80	\$19.60	\$0.00	\$50.07
3	75	\$24.29	\$7.80	\$19.60	\$0.00	\$51.69
4	80	\$25.91	\$7.80	\$19.60	\$0.00	\$53.31
5	85	\$27.53	\$7.80	\$19.60	\$0.00	\$54.93
6	90	\$29.15	\$7.80	\$19.60	\$0.00	\$56.55

Notes:

Structural 1:6; Ornamental 1:4

Apprentice to Journeyworker Ratio:

JACKHAMMER & PAVING BREAKER OPERATOR LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"						
LABORER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.50	\$7.60	\$11.10	\$0.00	\$44.20

Apprentice - LABORER - Zone 4 Building and Site

Effective Date - 12/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$15.30	\$7.60	\$11.10	\$0.00	\$34.00
2	70	\$17.85	\$7.60	\$11.10	\$0.00	\$36.55
3	80	\$20.40	\$7.60	\$11.10	\$0.00	\$39.10
4	90	\$22.95	\$7.60	\$11.10	\$0.00	\$41.65

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$26.42	\$7.60	\$12.45	\$0.00	\$46.47
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Apprentice - LABORER (Heavy and Highway) - Zone 4

Effective Date - 12/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$15.85	\$7.60	\$12.45	\$0.00	\$35.90
2	70	\$18.49	\$7.60	\$12.45	\$0.00	\$38.54
3	80	\$21.14	\$7.60	\$12.45	\$0.00	\$41.19
4	90	\$23.78	\$7.60	\$12.45	\$0.00	\$43.83

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER: CARPENTER TENDER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.50	\$7.60	\$11.10	\$0.00	\$44.20
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For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.50	\$7.60	\$11.10	\$0.00	\$44.20
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For apprentice rates see "Apprentice- LABORER"

LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2015	\$25.60	\$7.60	\$11.10	\$0.00	\$44.30
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For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$27.50	\$7.60	\$11.10	\$0.00	\$46.20
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For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
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For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

LABORER: MULTI-TRADE TENDER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.50	\$7.60	\$11.10	\$0.00	\$44.20
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.50	\$7.60	\$11.10	\$0.00	\$44.20
This classification applies to all tree work associated with the removal of standing trees, and trimming and removal of branches and limbs when the work is not done for a utility company for the purpose of operation, maintenance or repair of utility company equipment. For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
MARBLE & TILE FINISHERS BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	02/27/2017	\$32.67	\$10.75	\$17.05	\$0.00	\$60.47

Apprentice - MARBLE-TILE-TERRAZZO FINISHER-Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/27/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.34	\$10.75	\$17.05	\$0.00	\$44.14
2	60	\$19.60	\$10.75	\$17.05	\$0.00	\$47.40
3	70	\$22.87	\$10.75	\$17.05	\$0.00	\$50.67
4	80	\$26.14	\$10.75	\$17.05	\$0.00	\$53.94
5	90	\$29.40	\$10.75	\$17.05	\$0.00	\$57.20

Notes:

Apprentice to Journeyworker Ratio:1:5

MARBLE MASONS, TILELAYERS & TERRAZZO MECH BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	02/27/2017	\$39.26	\$10.75	\$17.38	\$0.00	\$67.39
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Apprentice - MARBLE-TILE-TERRAZZO MECH - Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/27/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.63	\$10.75	\$17.38	\$0.00	\$47.76
2	60	\$23.56	\$10.75	\$17.38	\$0.00	\$51.69
3	70	\$27.48	\$10.75	\$17.38	\$0.00	\$55.61
4	80	\$31.41	\$10.75	\$17.38	\$0.00	\$59.54
5	90	\$35.33	\$10.75	\$17.38	\$0.00	\$63.46

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MECH. SWEEPER OPERATOR (ON CONST. SITES) OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.68	\$10.58	\$12.38	\$0.00	\$56.64
	06/01/2017	\$33.88	\$10.79	\$12.75	\$0.00	\$57.42
	12/01/2017	\$34.48	\$10.79	\$13.02	\$0.00	\$58.29
	06/01/2018	\$35.09	\$10.79	\$13.29	\$0.00	\$59.17
	12/01/2018	\$35.69	\$10.79	\$13.56	\$0.00	\$60.04
	06/01/2019	\$36.20	\$10.79	\$13.83	\$0.00	\$60.82
	12/01/2019	\$36.80	\$10.79	\$14.10	\$0.00	\$61.69

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANIC/WELDER/BOOM TRUCK OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.15	\$10.58	\$12.38	\$0.00	\$56.11
	06/01/2017	\$33.35	\$10.79	\$12.75	\$0.00	\$56.89
	12/01/2017	\$33.95	\$10.79	\$13.02	\$0.00	\$57.76
	06/01/2018	\$34.56	\$10.79	\$13.29	\$0.00	\$58.64
	12/01/2018	\$35.16	\$10.79	\$13.56	\$0.00	\$59.51
	06/01/2019	\$35.67	\$10.79	\$13.83	\$0.00	\$60.29
	12/01/2019	\$36.27	\$10.79	\$14.10	\$0.00	\$61.16

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MILLWRIGHT (Zone 3) MILLWRIGHTS LOCAL 1121 - Zone 3	04/01/2017	\$33.81	\$9.90	\$18.50	\$0.00	\$62.21
	10/01/2017	\$34.64	\$9.90	\$18.50	\$0.00	\$63.04
	04/01/2018	\$35.46	\$9.90	\$18.50	\$0.00	\$63.86
	10/01/2018	\$36.29	\$9.90	\$18.50	\$0.00	\$64.69
	04/01/2019	\$37.11	\$9.90	\$18.50	\$0.00	\$65.51

Apprentice - MILLWRIGHT - Local 1121 Zone 3

Effective Date - 04/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$18.60	\$9.90	\$5.31	\$0.00	\$33.81
2	65	\$21.98	\$9.90	\$15.13	\$0.00	\$47.01
3	75	\$25.36	\$9.90	\$16.10	\$0.00	\$51.36
4	85	\$28.74	\$9.90	\$17.06	\$0.00	\$55.70

Effective Date - 10/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$19.05	\$9.90	\$5.31	\$0.00	\$34.26
2	65	\$22.52	\$9.90	\$15.13	\$0.00	\$47.55
3	75	\$25.98	\$9.90	\$16.10	\$0.00	\$51.98
4	85	\$29.44	\$9.90	\$17.06	\$0.00	\$56.40

Notes:

Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:5

MORTAR MIXER LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
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For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
OILER	12/01/2016	\$28.84	\$10.58	\$12.38	\$0.00	\$51.80
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$29.04	\$10.79	\$12.75	\$0.00	\$52.58
	12/01/2017	\$29.64	\$10.79	\$13.02	\$0.00	\$53.45
	06/01/2018	\$30.25	\$10.79	\$13.29	\$0.00	\$54.33
	12/01/2018	\$30.85	\$10.79	\$13.56	\$0.00	\$55.20
	06/01/2019	\$31.36	\$10.79	\$13.83	\$0.00	\$55.98
	12/01/2019	\$31.96	\$10.79	\$14.10	\$0.00	\$56.85
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
OTHER POWER DRIVEN EQUIPMENT - CLASS VI	12/01/2016	\$26.86	\$10.58	\$12.38	\$0.00	\$49.82
OPERATING ENGINEERS LOCAL 98	06/01/2017	\$27.06	\$10.79	\$12.75	\$0.00	\$50.60
	12/01/2017	\$27.66	\$10.79	\$13.02	\$0.00	\$51.47
	06/01/2018	\$28.27	\$10.79	\$13.29	\$0.00	\$52.35
	12/01/2018	\$28.87	\$10.79	\$13.56	\$0.00	\$53.22
	06/01/2019	\$29.38	\$10.79	\$13.83	\$0.00	\$54.00
	12/01/2019	\$29.98	\$10.79	\$14.10	\$0.00	\$54.87
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PAINTER (BRIDGES/TANKS)	01/01/2017	\$51.41	\$7.85	\$16.10	\$0.00	\$75.36
PAINTERS LOCAL 35 - ZONE 3						

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.71	\$7.85	\$0.00	\$0.00	\$33.56
2	55	\$28.28	\$7.85	\$3.66	\$0.00	\$39.79
3	60	\$30.85	\$7.85	\$3.99	\$0.00	\$42.69
4	65	\$33.42	\$7.85	\$4.32	\$0.00	\$45.59
5	70	\$35.99	\$7.85	\$14.11	\$0.00	\$57.95
6	75	\$38.56	\$7.85	\$14.44	\$0.00	\$60.85
7	80	\$41.13	\$7.85	\$14.77	\$0.00	\$63.75
8	90	\$46.27	\$7.85	\$15.44	\$0.00	\$69.56

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2017	\$34.68	\$7.85	\$12.30	\$0.00	\$54.83
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 3						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 3 - Spray/Sandblast - New

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.34	\$7.85	\$0.00	\$0.00	\$25.19
2	55	\$19.07	\$7.85	\$1.57	\$0.00	\$28.49
3	60	\$20.81	\$7.85	\$1.71	\$0.00	\$30.37
4	65	\$22.54	\$7.85	\$1.85	\$0.00	\$32.24
5	70	\$24.28	\$7.85	\$11.45	\$0.00	\$43.58
6	75	\$26.01	\$7.85	\$11.59	\$0.00	\$45.45
7	80	\$27.74	\$7.85	\$11.73	\$0.00	\$47.32
8	90	\$31.21	\$7.85	\$12.02	\$0.00	\$51.08

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2017	\$32.00	\$7.85	\$12.30	\$0.00	\$52.15
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PAINTERS LOCAL 35 - ZONE 3

Apprentice - PAINTER Local 35 Zone 3 - Spray/Sandblast - Repaint

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.00	\$7.85	\$0.00	\$0.00	\$23.85
2	55	\$17.60	\$7.85	\$1.57	\$0.00	\$27.02
3	60	\$19.20	\$7.85	\$1.71	\$0.00	\$28.76
4	65	\$20.80	\$7.85	\$1.85	\$0.00	\$30.50
5	70	\$22.40	\$7.85	\$11.45	\$0.00	\$41.70
6	75	\$24.00	\$7.85	\$11.59	\$0.00	\$43.44
7	80	\$25.60	\$7.85	\$11.73	\$0.00	\$45.18
8	90	\$28.80	\$7.85	\$12.02	\$0.00	\$48.67

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, NEW) *	01/01/2017	\$33.28	\$7.85	\$12.30	\$0.00	\$53.43
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* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 3

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER - Local 35 Zone 3 - BRUSH NEW

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.64	\$7.85	\$0.00	\$0.00	\$24.49
2	55	\$18.30	\$7.85	\$1.57	\$0.00	\$27.72
3	60	\$19.97	\$7.85	\$1.71	\$0.00	\$29.53
4	65	\$21.63	\$7.85	\$1.85	\$0.00	\$31.33
5	70	\$23.30	\$7.85	\$11.45	\$0.00	\$42.60
6	75	\$24.96	\$7.85	\$11.59	\$0.00	\$44.40
7	80	\$26.62	\$7.85	\$11.73	\$0.00	\$46.20
8	90	\$29.95	\$7.85	\$12.02	\$0.00	\$49.82

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, REPAINT)	01/01/2017	\$30.60	\$7.85	\$12.30	\$0.00	\$50.75
PAINTERS LOCAL 35 - ZONE 3						

Apprentice - PAINTER Local 35 Zone 3 - BRUSH REPAINT

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$15.30	\$7.85	\$0.00	\$0.00	\$23.15
2	55	\$16.83	\$7.85	\$1.57	\$0.00	\$26.25
3	60	\$18.36	\$7.85	\$1.71	\$0.00	\$27.92
4	65	\$19.89	\$7.85	\$1.85	\$0.00	\$29.59
5	70	\$21.42	\$7.85	\$11.45	\$0.00	\$40.72
6	75	\$22.95	\$7.85	\$11.59	\$0.00	\$42.39
7	80	\$24.48	\$7.85	\$11.73	\$0.00	\$44.06
8	90	\$27.54	\$7.85	\$12.02	\$0.00	\$47.41

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	12/01/2016	\$26.42	\$7.60	\$12.45	\$0.00	\$46.47
LABORERS - ZONE 4 (HEAVY & HIGHWAY)						

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

PANEL & PICKUP TRUCKS DRIVER	12/01/2012	\$30.28	\$9.07	\$8.00	\$0.00	\$47.35
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B						

PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	08/31/2015	\$39.00	\$9.80	\$18.17	\$0.00	\$66.97
PILE DRIVER LOCAL 56 (ZONE 3)						

For apprentice rates see "Apprentice- PILE DRIVER"

PILE DRIVER	08/31/2015	\$39.00	\$9.80	\$18.17	\$0.00	\$66.97
PILE DRIVER LOCAL 56 (ZONE 3)						

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - *PILE DRIVER - Local 56 Zone 3*

Effective Date - 08/31/2015

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Notes: Apprentice wages shall be no less than the following Steps;

(Same as set in Zone 1)

1\$50.05/2\$54.25/3\$58.46/4\$60.56/5\$62.66/6\$62.66/7\$66.87/8\$66.87

Apprentice to Journeyworker Ratio:1:3

PIPELAYER	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
LABORERS - ZONE 4 (BUILDING & SITE)						
For apprentice rates see "Apprentice- LABORER"						
PIPELAYER (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
LABORERS - ZONE 4 (HEAVY & HIGHWAY)						
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
PLUMBER & PIPEFITTER	03/17/2017	\$37.73	\$8.50	\$15.30	\$0.00	\$61.53
PLUMBERS & PIPEFITTERS LOCAL 104 WESTERN DIVISION						
	09/17/2017	\$38.78	\$8.50	\$15.30	\$0.00	\$62.58
	03/17/2018	\$39.83	\$8.50	\$15.30	\$0.00	\$63.63
	09/17/2018	\$41.08	\$8.50	\$15.30	\$0.00	\$64.88
	03/17/2019	\$42.33	\$8.50	\$15.30	\$0.00	\$66.13

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - PLUMBER/PIPEFITTER - Local 104 Western

Effective Date - 03/17/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$16.98	\$8.50	\$9.05	\$0.00	\$34.53
2	50	\$18.87	\$8.50	\$9.05	\$0.00	\$36.42
3	55	\$20.75	\$8.50	\$9.05	\$0.00	\$38.30
4	60	\$22.64	\$8.50	\$9.05	\$0.00	\$40.19
5	65	\$24.52	\$8.50	\$9.05	\$0.00	\$42.07
6	70	\$26.41	\$8.50	\$9.05	\$0.00	\$43.96
7	75	\$28.30	\$8.50	\$9.05	\$0.00	\$45.85
8	80	\$30.18	\$8.50	\$9.05	\$0.00	\$47.73
9	80	\$30.18	\$8.50	\$15.30	\$0.00	\$53.98
10	80	\$30.18	\$8.50	\$15.30	\$0.00	\$53.98

Effective Date - 09/17/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$17.45	\$8.50	\$9.05	\$0.00	\$35.00
2	50	\$19.39	\$8.50	\$9.05	\$0.00	\$36.94
3	55	\$21.33	\$8.50	\$9.05	\$0.00	\$38.88
4	60	\$23.27	\$8.50	\$9.05	\$0.00	\$40.82
5	65	\$25.21	\$8.50	\$9.05	\$0.00	\$42.76
6	70	\$27.15	\$8.50	\$9.05	\$0.00	\$44.70
7	75	\$29.09	\$8.50	\$9.05	\$0.00	\$46.64
8	80	\$31.02	\$8.50	\$9.05	\$0.00	\$48.57
9	80	\$31.02	\$8.50	\$15.30	\$0.00	\$54.82
10	80	\$31.02	\$8.50	\$15.30	\$0.00	\$54.82

Notes: **1:1,2:5,3:9,4:12

Apprentice to Journeyworker Ratio:**

PNEUMATIC CONTROLS (TEMP.)	03/17/2017	\$37.73	\$8.50	\$15.30	\$0.00	\$61.53
PLUMBERS & PIPEFITTERS LOCAL 104 WESTERN DIVISION	09/17/2017	\$38.78	\$8.50	\$15.30	\$0.00	\$62.58
	03/17/2018	\$39.83	\$8.50	\$15.30	\$0.00	\$63.63
	09/17/2018	\$41.08	\$8.50	\$15.30	\$0.00	\$64.88
	03/17/2019	\$42.33	\$8.50	\$15.30	\$0.00	\$66.13

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
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LABORERS - ZONE 4 (HEAVY & HIGHWAY)

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

POWDERMAN & BLASTER	12/01/2016	\$26.50	\$7.60	\$11.10	\$0.00	\$45.20
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LABORERS - ZONE 4 (BUILDING & SITE)

For apprentice rates see "Apprentice- LABORER"

POWDERMAN & BLASTER (HEAVY & HIGHWAY)	12/01/2016	\$27.42	\$7.60	\$12.45	\$0.00	\$47.47
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LABORERS - ZONE 4 (HEAVY & HIGHWAY)

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2016	\$33.68	\$10.58	\$12.38	\$0.00	\$56.64
	06/01/2017	\$33.88	\$10.79	\$12.75	\$0.00	\$57.42
	12/01/2017	\$34.48	\$10.79	\$13.02	\$0.00	\$58.29
	06/01/2018	\$35.09	\$10.79	\$13.29	\$0.00	\$59.17
	12/01/2018	\$35.69	\$10.79	\$13.56	\$0.00	\$60.04
	06/01/2019	\$36.20	\$10.79	\$13.83	\$0.00	\$60.82
	12/01/2019	\$36.80	\$10.79	\$14.10	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2016	\$33.15	\$10.58	\$12.38	\$0.00	\$56.11
	06/01/2017	\$33.35	\$10.79	\$12.75	\$0.00	\$56.89
	12/01/2017	\$33.95	\$10.79	\$13.02	\$0.00	\$57.76
	06/01/2018	\$34.56	\$10.79	\$13.29	\$0.00	\$58.64
	12/01/2018	\$35.16	\$10.79	\$13.56	\$0.00	\$59.51
	06/01/2019	\$35.67	\$10.79	\$13.83	\$0.00	\$60.29
	12/01/2019	\$36.27	\$10.79	\$14.10	\$0.00	\$61.16
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER <i>TEAMSTERS LOCAL 404</i>	05/01/2016	\$21.01	\$10.23	\$9.40	\$0.00	\$40.64
RESIDENTIAL WOOD FRAME CARPENTER ** ** The Residential Wood Frame Carpenter classification applies only to the construction of new, wood frame residences that do not exceed four stories including the basement. <i>CARPENTERS</i> <i>LOCAL 108 - BERKSHIRE COUNTY</i>	04/01/2017	\$22.08	\$7.07	\$7.18	\$0.00	\$36.33
	10/01/2017	\$22.63	\$7.07	\$7.18	\$0.00	\$36.88
	04/01/2018	\$23.01	\$7.07	\$7.18	\$0.00	\$37.26
	10/01/2018	\$23.39	\$7.07	\$7.18	\$0.00	\$37.64
	04/01/2019	\$23.78	\$7.07	\$7.18	\$0.00	\$38.03
	10/01/2019	\$24.17	\$7.07	\$7.18	\$0.00	\$38.42

As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - CARPENTER (Residential Wood Frame) - Local 108 Berkshire

Effective Date - 04/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$13.25	\$7.07	\$0.00	\$0.00	\$20.32
2	60	\$13.25	\$7.07	\$0.00	\$0.00	\$20.32
3	65	\$14.35	\$7.07	\$7.18	\$0.00	\$28.60
4	70	\$15.46	\$7.07	\$7.18	\$0.00	\$29.71
5	75	\$16.56	\$7.07	\$7.18	\$0.00	\$30.81
6	80	\$17.66	\$7.07	\$7.18	\$0.00	\$31.91
7	85	\$18.77	\$7.07	\$7.18	\$0.00	\$33.02
8	90	\$19.87	\$7.07	\$7.18	\$0.00	\$34.12

Effective Date - 10/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$13.58	\$7.07	\$0.00	\$0.00	\$20.65
2	60	\$13.58	\$7.07	\$0.00	\$0.00	\$20.65
3	65	\$14.71	\$7.07	\$7.18	\$0.00	\$28.96
4	70	\$15.84	\$7.07	\$7.18	\$0.00	\$30.09
5	75	\$16.97	\$7.07	\$7.18	\$0.00	\$31.22
6	80	\$18.10	\$7.07	\$7.18	\$0.00	\$32.35
7	85	\$19.24	\$7.07	\$7.18	\$0.00	\$33.49
8	90	\$20.37	\$7.07	\$7.18	\$0.00	\$34.62

Notes:

** 1: 1-5, 2: 6-8, 3: 9-11

Apprentice to Journeyworker Ratio:**

RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS - ZONE 4 (BUILDING & SITE)	12/01/2016	\$25.75	\$7.60	\$11.10	\$0.00	\$44.45
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For apprentice rates see "Apprentice- LABORER"

ROLLER OPERATOR OPERATING ENGINEERS LOCAL 98	12/01/2016	\$32.54	\$10.58	\$12.38	\$0.00	\$55.50
	06/01/2017	\$32.74	\$10.79	\$12.75	\$0.00	\$56.28
	12/01/2017	\$33.34	\$10.79	\$13.02	\$0.00	\$57.15
	06/01/2018	\$33.95	\$10.79	\$13.29	\$0.00	\$58.03
	12/01/2018	\$34.55	\$10.79	\$13.56	\$0.00	\$58.90
	06/01/2019	\$35.06	\$10.79	\$13.83	\$0.00	\$59.68
	12/01/2019	\$35.66	\$10.79	\$14.10	\$0.00	\$60.55

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

ROOFER (Coal tar pitch) ROOFERS LOCAL 248	10/16/2016	\$32.25	\$9.41	\$13.25	\$0.00	\$54.91
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For apprentice rates see "Apprentice- ROOFER"

ROOFER (Inc.Roofing Waterproofing &Roofing Dampproofg) ROOFERS LOCAL 248	10/16/2016	\$31.75	\$9.41	\$12.75	\$0.00	\$53.91
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - ROOFER - Local 248						
Effective Date - 10/16/2016						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.05	\$9.41	\$0.00	\$0.00	\$28.46
2	65	\$20.64	\$9.41	\$12.75	\$0.00	\$42.80
3	70	\$22.23	\$9.41	\$12.75	\$0.00	\$44.39
4	75	\$23.81	\$9.41	\$12.75	\$0.00	\$45.97
5	80	\$25.40	\$9.41	\$12.75	\$0.00	\$47.56
6	85	\$26.99	\$9.41	\$12.75	\$0.00	\$49.15
7	90	\$28.58	\$9.41	\$12.75	\$0.00	\$50.74
8	95	\$30.16	\$9.41	\$12.75	\$0.00	\$52.32
Notes: Steps are 750 hrs.Roofer(Tear Off)1:1; Same as above						
Apprentice to Journeyworker Ratio:1:3						
ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 248	10/16/2016	\$32.25	\$9.41	\$13.25	\$0.00	\$54.91
For apprentice rates see "Apprentice- ROOFER"						
SCRAPER OPERATING ENGINEERS LOCAL 98	12/01/2016	\$33.15	\$10.58	\$12.38	\$0.00	\$56.11
	06/01/2017	\$33.35	\$10.79	\$12.75	\$0.00	\$56.89
	12/01/2017	\$33.95	\$10.79	\$13.02	\$0.00	\$57.76
	06/01/2018	\$34.56	\$10.79	\$13.29	\$0.00	\$58.64
	12/01/2018	\$35.16	\$10.79	\$13.56	\$0.00	\$59.51
	06/01/2019	\$35.67	\$10.79	\$13.83	\$0.00	\$60.29
	12/01/2019	\$36.27	\$10.79	\$14.10	\$0.00	\$61.16
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) OPERATING ENGINEERS LOCAL 98	12/01/2016	\$32.54	\$10.58	\$12.38	\$0.00	\$55.50
	06/01/2017	\$32.74	\$10.79	\$12.75	\$0.00	\$56.28
	12/01/2017	\$33.34	\$10.79	\$13.02	\$0.00	\$57.15
	06/01/2018	\$33.95	\$10.79	\$13.29	\$0.00	\$58.03
	12/01/2018	\$34.55	\$10.79	\$13.56	\$0.00	\$58.90
	06/01/2019	\$35.06	\$10.79	\$13.83	\$0.00	\$59.68
	12/01/2019	\$35.66	\$10.79	\$14.10	\$0.00	\$60.55
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
SELF-PROPELLED POWER BROOM OPERATING ENGINEERS LOCAL 98	12/01/2016	\$29.92	\$10.58	\$12.38	\$0.00	\$52.88
	06/01/2017	\$30.12	\$10.79	\$12.75	\$0.00	\$53.66
	12/01/2017	\$30.72	\$10.79	\$13.02	\$0.00	\$54.53
	06/01/2018	\$31.33	\$10.79	\$13.29	\$0.00	\$55.41
	12/01/2018	\$31.93	\$10.79	\$13.56	\$0.00	\$56.28
	06/01/2019	\$32.44	\$10.79	\$13.83	\$0.00	\$57.06
	12/01/2019	\$33.04	\$10.79	\$14.10	\$0.00	\$57.93
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 63	01/01/2017	\$32.24	\$10.64	\$15.49	\$1.75	\$60.12

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - SHEET METAL WORKER - Local 63

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$14.51	\$6.21	\$4.36	\$0.00	\$25.08
2	50	\$16.12	\$6.55	\$4.85	\$0.00	\$27.52
3	55	\$17.73	\$6.88	\$8.72	\$0.98	\$34.31
4	60	\$19.34	\$7.22	\$8.72	\$1.06	\$36.34
5	65	\$20.96	\$7.55	\$8.72	\$1.12	\$38.35
6	70	\$22.57	\$7.88	\$8.72	\$1.18	\$40.35
7	75	\$24.18	\$8.22	\$8.72	\$1.23	\$42.35
8	80	\$25.79	\$9.30	\$14.52	\$1.43	\$51.04
9	85	\$27.40	\$9.64	\$14.52	\$1.49	\$53.05
10	90	\$29.02	\$9.98	\$14.52	\$1.55	\$55.07

Notes:

Apprentice to Journeyworker Ratio:1:3

SIGN ERECTOR	06/01/2013	\$25.81	\$7.07	\$7.05	\$0.00	\$39.93
PAINTERS LOCAL 35 - ZONE 3						

Apprentice - SIGN ERECTOR - Local 35 Zone 3

Effective Date - 06/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$12.91	\$7.07	\$0.00	\$0.00	\$19.98
2	55	\$14.20	\$7.07	\$2.45	\$0.00	\$23.72
3	60	\$15.49	\$7.07	\$2.45	\$0.00	\$25.01
4	65	\$16.78	\$7.07	\$2.45	\$0.00	\$26.30
5	70	\$18.07	\$7.07	\$7.05	\$0.00	\$32.19
6	75	\$19.36	\$7.07	\$7.05	\$0.00	\$33.48
7	80	\$20.65	\$7.07	\$7.05	\$0.00	\$34.77
8	85	\$21.94	\$7.07	\$7.05	\$0.00	\$36.06
9	90	\$23.23	\$7.07	\$7.05	\$0.00	\$37.35

Notes:

Steps are 4 mos.

Apprentice to Journeyworker Ratio:1:1

SPECIALIZED EARTH MOVING EQUIP < 35 TONS	12/01/2016	\$32.44	\$10.91	\$10.89	\$0.00	\$54.24
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B						

SPECIALIZED EARTH MOVING EQUIP > 35 TONS	12/01/2016	\$32.73	\$10.91	\$10.89	\$0.00	\$54.53
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
SPRINKLER FITTER	04/01/2017	\$40.26	\$9.17	\$12.43	\$0.00	\$61.86
SPRINKLER FITTERS LOCAL 669	01/01/2018	\$40.26	\$9.67	\$12.63	\$0.00	\$62.56
	04/01/2018	\$41.51	\$9.67	\$12.88	\$0.00	\$64.06
	01/01/2019	\$41.51	\$10.02	\$13.08	\$0.00	\$64.61

Apprentice - SPRINKLER FITTER - Local 669

Effective Date - 04/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.12	\$7.60	\$0.00	\$0.00	\$25.72
2	50	\$20.13	\$7.60	\$0.00	\$0.00	\$27.73
3	55	\$22.14	\$9.17	\$6.60	\$0.00	\$37.91
4	60	\$24.16	\$9.17	\$6.60	\$0.00	\$39.93
5	65	\$26.17	\$9.17	\$6.85	\$0.00	\$42.19
6	70	\$28.18	\$9.17	\$6.85	\$0.00	\$44.20
7	75	\$30.20	\$9.17	\$6.85	\$0.00	\$46.22
8	80	\$32.21	\$9.17	\$6.85	\$0.00	\$48.23
9	85	\$34.22	\$9.17	\$6.85	\$0.00	\$50.24
10	90	\$36.23	\$9.17	\$6.85	\$0.00	\$52.25

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.12	\$7.75	\$0.00	\$0.00	\$25.87
2	50	\$20.13	\$7.75	\$0.00	\$0.00	\$27.88
3	55	\$22.14	\$9.67	\$6.80	\$0.00	\$38.61
4	60	\$24.16	\$9.67	\$6.80	\$0.00	\$40.63
5	65	\$26.17	\$9.67	\$7.05	\$0.00	\$42.89
6	70	\$28.18	\$9.67	\$7.05	\$0.00	\$44.90
7	75	\$30.20	\$9.67	\$7.05	\$0.00	\$46.92
8	80	\$32.21	\$9.67	\$7.05	\$0.00	\$48.93
9	85	\$34.22	\$9.67	\$7.05	\$0.00	\$50.94
10	90	\$36.23	\$9.67	\$7.05	\$0.00	\$52.95

Notes:

Apprentice to Journeyworker Ratio:1:1

TELECOMMUNICATION TECHNICIAN	01/01/2017	\$39.51	\$9.35	\$10.84	\$0.00	\$59.70
ELECTRICIANS LOCAL 7						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - TELECOMMUNICATION TECHNICIAN - Local 7

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$15.80	\$5.00	\$0.47	\$0.00	\$21.27
2	45	\$17.78	\$5.00	\$0.53	\$0.00	\$23.31
3	50	\$19.76	\$9.35	\$6.54	\$0.00	\$35.65
4	55	\$21.73	\$9.35	\$6.60	\$0.00	\$37.68
5	65	\$25.68	\$9.35	\$7.72	\$0.00	\$42.75
6	70	\$27.66	\$9.35	\$8.78	\$0.00	\$45.79

Notes:

Steps are 800 hours

Apprentice to Journeyworker Ratio:1:1

TERRAZZO FINISHERS BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	02/27/2017	\$32.67	\$10.75	\$17.05	\$0.00	\$60.47
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Apprentice - MARBLE-TILE-TERRAZZO FINISHER-Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/27/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.34	\$10.75	\$17.05	\$0.00	\$44.14
2	60	\$19.60	\$10.75	\$17.05	\$0.00	\$47.40
3	70	\$22.87	\$10.75	\$17.05	\$0.00	\$50.67
4	80	\$26.14	\$10.75	\$17.05	\$0.00	\$53.94
5	90	\$29.40	\$10.75	\$17.05	\$0.00	\$57.20

Notes:

Apprentice to Journeyworker Ratio:1:5

TEST BORING DRILLER LABORERS - FOUNDATION AND MARINE	12/01/2016	\$37.70	\$7.60	\$14.35	\$0.00	\$59.65
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For apprentice rates see "Apprentice- LABORER"

TEST BORING DRILLER HELPER LABORERS - FOUNDATION AND MARINE	12/01/2016	\$36.42	\$7.60	\$14.35	\$0.00	\$58.37
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For apprentice rates see "Apprentice- LABORER"

TEST BORING LABORER LABORERS - FOUNDATION AND MARINE	12/01/2016	\$36.30	\$7.60	\$14.35	\$0.00	\$58.25
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For apprentice rates see "Apprentice- LABORER"

TRACTORS OPERATING ENGINEERS LOCAL 98	12/01/2016	\$32.54	\$10.58	\$12.38	\$0.00	\$55.50
	06/01/2017	\$32.74	\$10.79	\$12.75	\$0.00	\$56.28
	12/01/2017	\$33.34	\$10.79	\$13.02	\$0.00	\$57.15
	06/01/2018	\$33.95	\$10.79	\$13.29	\$0.00	\$58.03
	12/01/2018	\$34.55	\$10.79	\$13.56	\$0.00	\$58.90
	06/01/2019	\$35.06	\$10.79	\$13.83	\$0.00	\$59.68
	12/01/2019	\$35.66	\$10.79	\$14.10	\$0.00	\$60.55

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TRAILERS FOR EARTH MOVING EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2016	\$33.02	\$10.91	\$10.89	\$0.00	\$54.82
TUNNEL WORK - COMPRESSED AIR LABORERS (COMPRESSED AIR)	12/01/2016	\$48.58	\$7.60	\$14.75	\$0.00	\$70.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS (COMPRESSED AIR)	12/01/2016	\$50.58	\$7.60	\$14.75	\$0.00	\$72.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR LABORERS (FREE AIR TUNNEL)	12/01/2016	\$40.65	\$7.60	\$14.75	\$0.00	\$63.00
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS (FREE AIR TUNNEL)	12/01/2016	\$42.65	\$7.60	\$14.75	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2016	\$32.44	\$10.91	\$10.89	\$0.00	\$54.24
WAGON DRILL OPERATOR (HEAVY & HIGHWAY) LABORERS - ZONE 4 (HEAVY & HIGHWAY)	12/01/2016	\$26.67	\$7.60	\$12.45	\$0.00	\$46.72
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
WATER METER INSTALLER PLUMBERS & PIPEFITTERS LOCAL 104 WESTERN DIVISION	03/17/2017	\$37.73	\$8.50	\$15.30	\$0.00	\$61.53
	09/17/2017	\$38.78	\$8.50	\$15.30	\$0.00	\$62.58
	03/17/2018	\$39.83	\$8.50	\$15.30	\$0.00	\$63.63
	09/17/2018	\$41.08	\$8.50	\$15.30	\$0.00	\$64.88
	03/17/2019	\$42.33	\$8.50	\$15.30	\$0.00	\$66.13
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						
Outside Electrical - West						
EQUIPMENT OPERATOR OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42	08/30/2015	\$42.16	\$8.20	\$9.26	\$0.00	\$59.62
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42	08/30/2015	\$28.87	\$8.20	\$8.87	\$0.00	\$45.94
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN / TRUCK DRIVER OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42	08/30/2015	\$37.73	\$8.20	\$9.13	\$0.00	\$55.06
For apprentice rates see "Apprentice- LINEMAN"						
HEAVY EQUIPMENT OPERATOR OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42	08/30/2015	\$44.37	\$8.20	\$9.33	\$0.00	\$61.90
For apprentice rates see "Apprentice- LINEMAN"						
JOURNEYMAN LINEMAN OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42	08/30/2015	\$48.80	\$8.20	\$9.46	\$0.00	\$66.46

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - LINEMAN (Outside Electrical) - West Local 42

Effective Date - 08/30/2015

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$29.28	\$8.20	\$0.88	\$0.00	\$38.36
2	65	\$31.72	\$8.20	\$0.95	\$0.00	\$40.87
3	70	\$34.16	\$8.20	\$9.02	\$0.00	\$51.38
4	75	\$36.60	\$8.20	\$9.10	\$0.00	\$53.90
5	80	\$39.04	\$8.20	\$9.17	\$0.00	\$56.41
6	85	\$41.48	\$8.20	\$9.24	\$0.00	\$58.92
7	90	\$43.92	\$8.20	\$9.32	\$0.00	\$61.44

Notes:

Apprentice to Journeyworker Ratio:1:2

TELEDATA CABLE SPLICER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/01/2016	\$28.98	\$4.25	\$3.12	\$0.00	\$36.35
TELEDATA LINEMAN/EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/01/2016	\$27.31	\$4.25	\$3.07	\$0.00	\$34.63
TELEDATA WIREMAN/INSTALLER/TECHNICIAN <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/01/2016	\$27.31	\$4.25	\$3.07	\$0.00	\$34.63
TRACTOR-TRAILER DRIVER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	08/30/2015	\$42.16	\$8.20	\$9.26	\$0.00	\$59.62
TREE TRIMMER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/31/2016	\$18.51	\$3.55	\$0.00	\$0.00	\$22.06
This classification applies only to tree work done: (a) for a utility company, R.E.A. cooperative, or railroad or coal mining company, and (b) for the purpose of operating, maintaining, or repairing the utility company's equipment, and (c) by a person who is using hand or mechanical cutting methods and is not on the ground. This classification does not apply to wholesale tree removal.						
TREE TRIMMER GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/31/2016	\$16.32	\$3.55	\$0.00	\$0.00	\$19.87
This classification applies only to tree work done: (a) for a utility company, R.E.A. cooperative, or railroad or coal mining company, and (b) for the purpose of operating, maintaining, or repairing the utility company's equipment, and (c) by a person who is using hand or mechanical cutting methods and is on the ground. This classification does not apply to wholesale tree removal.						

Additional Apprentice Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentice ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, ss. 11E-11L.

All steps are six months (1000 hours.)

Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified.

** Multiple ratios are listed in the comment field.

*** APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.

**** APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.