## WASHINGTON STREET CORRIDOR IMPROVEMENTS

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SHEET NO DESCRIPTION
\[
\begin{aligned}
& \text { TYPICAL SECTIONS } \\
& \text { CONSTRUCTION DETA }
\end{aligned}
\]
\[
\begin{aligned}
& \text { construction detalls } \\
& \text { construction pland }
\end{aligned}
\]
\[
\begin{aligned}
& \text { CONSTRRCCTIN PNANS } \\
& \text { TRAFIC SIIN AND PAVMENT MARKING PLANS }
\end{aligned}
\]
\[
\begin{aligned}
& \text { TRAFFIC SIGN SUMMARY } \\
& \text { TRAFFIC SIGNALPLANS }
\end{aligned}
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\[
\begin{aligned}
& \text { TRAFFIC SIGNAL DETALLS } \\
& \text { TEMPORARY TRAFFIC CONTROL PLANS }
\end{aligned}
\]
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$$
\begin{aligned}
& \text { THE MASSACHUSETTS HIGHWA DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND }
\end{aligned}
$$



## PAVEMENT NOTES

PROPOSED FULL DEPTH PAVEMENT

| dracte: | 2" HMA SURFACE COURSE - STANDARD TOP ASPHALT EMULSION FOR TACK COAT (RS-1H) A 0.05 GAL/SY |
| :---: | :---: |
| BASE: | $6^{\prime \prime}$ Cement Concrete base course |

PROPOSED PAVEMENT MCROMLLING AND OVERLAY
reac
$\begin{aligned} & 2 \text { " HMA SURFACE COURSE-STANDARD TOP } \\ & \text { ASPHALT EMULIION FOR TACK COAT (RS-H) AT }\end{aligned}$
. 07 GALSSY OVER MLLED PAVEMENT
${ }^{2}$ "PAVEMENT MCROMLIING

PROPOSED CEMENT CONCRETE SIDEWALK AND WHEELCHAR RAMPS
SURFACE: 4 " CEMENT CONCRETE (4,000 PSI, 3/4", 610

SUBBaAE: $\quad 8$ " GRAVEL Borrow (TYPE b)
PROPOSED BRICK WALK
uprace:
sRICK Pavers (MATCH EXIST bRICK) COMPACTED STONE DUST
subbase: $\quad 8^{\prime \prime}$ GRAVEL Borrow (TYPE b)


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. SCHEDLLE EOELECTRICAL CONDUTT TYPE NM-PLAATIC (UL) W/ PULL ROPE. 2. WARNNG TAPE SHALL BE PER CURRENT APWA STANDARDS
 $\frac{\text { CONDUIT INSTALLATION }}{\text { NOT TO SCALE }}$

NOTES: $\frac{\text { THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE EXISTING CONOITIONS WITHIN THE }}{\text { 1. }}$ PROJECT AREA AND MMEDATELY NOTFY THE ENGINERO OF IISCREPANCIES WHHCH HRE FOUDD 2. HOURS PRIORTO ANY EXCAAATION WTHINTH PROUECT AREA.

 DRAINA GE SYSTEMS IN THE PROXIMTY O THE CONSTRUCTION SHALL BE LEFT CLEAN AND IN GOOD

6. DECKING SHALL BE TEMPORARLY PLACED OVER ALL EXCAVATIONS WHEN NOT ACTVELY IN USE








13. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERALS OR, WH


15. ALL EXIISTING SIGNS WTHIN THE PROJECT LMITS SHALL BE RETANED UNLESS INDICATED OTHERWIS
6. THE EONTRACTOR SHALL MANTAIN ALLEXISTING ROADNAY LIGHTNG WITHIN THE PROJECT LIMIT

1. ALL EXISTING STATEE COUNTY, CITY, AND TOWN LOCATIINN LINES AND PRVATE PROPERTY LINES HAVE
BEE ESTABISHED FROM AVALLABE NFORMATON AND THER EXACT LOCATON ARE Not GUARANTED.

## VARIABLE TURN ARROW

PAVEMENT MARKING
ALL TREE PROTECCTION IS TO be located within the Existing state andor town layouts.





TRAFFIC SIGN SUMMARY

| IDENTIFICATION | SIIE Of Sign |  | text | TEXT DIMENSIONS（INCHES） |  |  | NUMBER <br> OF SIGNS REQUIRED | color |  |  | POSt SIZE AND number REQUIRED | $\begin{aligned} & \text { UNIT } \\ & \text { AREA } \\ & \text { (SF) } \end{aligned}$ | area in sQuare FEET |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | WIDTH | неІІнт |  | letter неІІнт | vertical spacing | ARROW RTE MKR |  | $\begin{aligned} & \text { BACK- } \\ & \text { GROUND } \end{aligned}$ | LEGEND | border |  |  |  |
| R3－7L | $36^{\prime \prime}$ | $36^{\prime \prime}$ |  | SEE 2009 MUTCD |  |  | 4 | SEE 2009 MUTCD |  |  | $\begin{aligned} & \text { P5-1 } \\ & 4 \text {-REQ } \end{aligned}$ | 9.00 | 36.00 |
| R3－7R | $36^{\prime \prime}$ | $36^{\prime \prime}$ |  |  |  |  | 1 |  |  |  | $\begin{gathered} \text { P5-1 } \\ \text { 1-REQ } \end{gathered}$ | 9.00 | 9.00 |
| R6－1 | $36^{\prime \prime}$ | ${ }^{12}$ | ［OEE War ${ }^{\text {d }}$ |  |  |  | 1 |  |  |  | 1－MOUNT ON MA POST | 3.00 | 3.00 |
| R7－2aL | ${ }^{12}$ | $18^{\prime \prime}$ | 药 |  |  |  | 2 |  |  |  | $\begin{gathered} \text { P5-1 } \\ \text { 2-REQ } \end{gathered}$ | 1.50 | 3.00 |
| R7－2aR | ${ }^{12}$ | $18^{\prime \prime}$ | （20） |  |  |  | 2 |  |  |  | $\begin{gathered} \hline \text { P5-1 } \\ \text { 2-REQ } \end{gathered}$ | 1.50 | 3.00 |
| R7－8 | ${ }^{12}{ }^{\prime \prime}$ | $18^{\prime \prime}$ | 圏 |  |  |  | 2 |  |  |  | 1－MOUNT W／RT－2aR <br> 1－MOUNT W／R3－7L | 1.50 | 3.00 |
| RT－8P | ${ }^{12}{ }^{\prime \prime}$ | ${ }^{6 \prime}$ | $\square$ |  |  |  | 1 |  |  |  | $\begin{gathered} \hline \text { 1-MOUNT } \\ \text { W/RT-8 } \\ \hline \end{gathered}$ | 0.50 | 0.50 |
| R7－11 | ${ }^{12}{ }^{\prime \prime}$ | $18^{\prime \prime}$ | 凅 |  |  |  | 1 |  |  |  | $\begin{gathered} \hline \text { P5-1 } \\ 1 \text { 1-REQ } \\ \hline \end{gathered}$ | 1.50 | 1.50 |
| R10－12 | $30 "$ | $36^{\prime \prime}$ |  |  |  |  | 3 |  |  |  | $\begin{aligned} & \text { 3-MOUNT } \\ & \text { ONMA } \end{aligned}$ | 9.00 | 27.00 |
| W4－2R | $36^{\prime \prime}$ | $36^{\prime \prime}$ |  |  |  |  | 1 |  |  |  | ${ }^{1 \text {－Mount }}$ onma | 9.00 | 9.00 |
| D3－1a | тво | $18^{\prime \prime}$ | Washington St |  |  |  | 3 |  |  |  | 3-MOUNT ONMA | тво | тво |
| D3－16 | твD | $18^{\prime \prime}$ | Exchange St |  |  |  | 1 |  |  |  | 1－MOUNT ON MA | тво | твD |
| D3－16 | тво | ${ }^{181}$ | Green St |  |  |  | 1 |  |  |  | $\begin{gathered} \text { 1-MOUNT } \\ \text { ON MA } \\ \hline \end{gathered}$ | тво | твD |
| D3－1d | тBD | ${ }^{18}$ | Central St |  |  |  | 1 |  |  |  | ${ }^{1 \text {－MOUNT }}$ ONMA | TBD | тво |
| D3－1e | твD | $18^{17}$ | Charles St |  |  |  | 1 |  |  |  | $\begin{gathered} \text { 1-MOUNT } \\ \text { ON MA } \end{gathered}$ | тво | тBD |
| D3－1f | тв | ${ }^{18 "}$ | Hollis St | 1 |  |  | 1 | 1 |  |  | 1－MOUNT ONMA | ${ }^{\text {TBD }}$ | тв |
|  |  |  |  |  |  |  |  |  |  |  |  | TOTAL：95．00 SF |  |

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| COOROINATON Notes. |
| :--- |
| OFFSET TO BEGNIN |



4. RCOORDINAATED EHASE DETECTORS SHALL BE DISABLED
5. DURRO COORODNATION.



PREFERENTIAL PHASING SEQUENCE


EMERGENCY PREEMPTION SCHEDULE

| APPROACH | PREEMPTION <br> PHASE | NETT PHASE <br> CALLED |
| :--- | :---: | :---: |
| NORTHBOUND | $\varnothing 2$ | $\varnothing 4$ |
| SOUTHBOUND | $\varnothing 1 \& \varnothing 6$ | $\varnothing 2 \& \varnothing 6$ |
| EASTBOUND | $\varnothing 4$ | $\varnothing 8$ |
| WESTBOUND | $\varnothing 8$ | $\varnothing 12 \varnothing 6$ |

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Not To scale


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[^0]:    EMERGENY PREEMPTION OPERATION:
    
    
    
    
    
    
    

     4. | RRE |
    | :---: |
    | RRE |

    
    

