EXCAVATE EXISTING PAVEMENT ~~12"~~ 17" BELOW FINISHED GRADE, CONSTRUCT ~~12~~ 12" PROCESSED TRAPROCK SUBBASE, ~~3 1/2"~~ 2 1/2" PREMIXED BIT. CONC. BASE, AND 1 1/2" BIT. CONC. SURFACE COURSE (CLASS 1) STA. 9 +99 TO STA. 14 +04.78

APPROX. BEGIN OF CONSTRUCTION
STA. 9+99 DOVER STREET ℄

APPROX. LIMIT OF CONSTRUCTION
STA. 14+04.78 DOVER STREET ℄

STA. 9+99
N 139849.6640
E 167930.2029

PT ELEV. 45.39 G
ELEV. 45.24 G
R=15.00'
L=23.56'
Δ=90°-00'-00"
T=15.00'
PC STA. 10+15
ELEV. 45.10 G

BM
"+" CUT E BOLT HYDRANT
NW COR DOVER STREET &
ROOSEVELT STREET
ELEV.=48.70'

INSTALL GEOTEXTILE FABRIC
FROM STA. 9+99 TO STA. 14+04.78
PRIOR TO PLACING SUBBASE

INSTALL 10' OF NEW 12" PVC DRAIN PIPE
(MIN. SLOPE = 0.5 %)

W. STREET LINE
W. CURB LINE
E. CURB LINE
E. STREET LINE

DOVER STREET

10+00 11+00 12+00 13+00

N 09° 15' - 20.62" W

1"WC
WATER SERVICE RENEWAL (TYP.)

PROPOSED ℄
NOT INSTALLED
NO DRIVE HERE

TF=45.18
TF=45.76
TF=45.78

INSTALL HARTFORD TYPE "C" CATCH BASIN
TF=45.18
INSTALL 10' OF NEW 12" PVC DRAIN PIPE
(MIN. SLOPE = 0.5%)

CONSTRUCT NEW 8" REINF. CONC. SIDEWALK RAMP (TYPE 2),
5" CONC. WALK AND INSTALL NEW 6"x20" RADIUS GRANITE CURB

CONSTRUCT "SPECIAL MANHOLE" ON EXISTING PIPE
(SEE SPECS. FOR DETAILS)

EXCAVATE SOFT SPOTS, 2' DEEP
PLACE GEOTEXTILE FABRIC

CONSTRUCT NEW 8" REINF. CONC. SIDEWALK RAMP (TYPE 2),
5" CONC. WALK AND RESET RADIUS GRANITE CURB

INSTALL 10' OF NEW 12" PVC DRAIN PIPE
(MIN. SLOPE = 0.5%)

REMOVE EXISTING CONC. CURB AND GUTTER
FROM STA. 10+15 TO STA. 13+84.5

INSTALL 6" BIT. CONC. LIP CURBING
FROM STA. 10+15 TO STA. 13+84.5
(EXCEPT DRIVEWAYS AND CATCH BASINS)

R=18.00'
L=28.27'
Δ=90°-00'-00"
T=18.00'

ELEV. 46.55 G

PC STA. 13+84.5
ELEV. 46.26 G

CMS-1

INSTALL HARTFORD TYPE "C" CATCH BASIN

INSTALL 10' OF NEW 12" PVC DRAIN PIPE
(MIN. SLOPE = 0.5%)

INSTALL 6" BIT. CONC. LIP CURBING
FROM STA. 10+15 TO STA. 13+86
(EXCEPT DRIVEWAYS AND CATCH BASINS)

REMOVE EXISTING CONC. CURB AND GUTTER
FROM STA. 10+15 TO STA. 13+86

PC STA. 13+86
ELEV. 45.96 G

ELEV. 45.05 G

R=18.00'
L=28.27'
Δ=90°-00'-00"
T=18.00'

STA. 14+04.78
N 140250.1617
E 167864.9366

PT ELEV. 46.38 G

STRIP EXIST. BIT. SURFACE
FROM CONC. BASE

CONSTUCT "SPECIAL MANHOLE" ON EXISTING PIPE
(SEE SPECS. FOR DETAILS)

PT ELEV. 46.12 G

INSTALL 24' OF NEW 12" PVC DRAIN PIPE
(MIN. SLOPE = 0.5%)

REMOVE EXISTING CATCH BASIN

INSTALL HARTFORD TYPE "C" CATCH BASIN

PC STA. 10+15
ELEV. 45.08 G

ELEV. 45.06 G

R=15.00'
L=23.56'
Δ=90°-00'-00"
T=15.00'

PT ELEV. 45.04 G

1"WC = 1" WROUGHT IRON CEMENT LINED WATER PIPE

ROOSEVELT STREET

DOVER STREET

SOUTH

INSTALL TYPE I RAMP

NOTES:
INSTALL 6' OF 6"x20" GRANITE CURB ON EACH SIDE OF CATCH BASIN WHERE INSTALLING BITUMINOUS CONCRETE LIP CURBING.

(B) CONSTRUCT BITUMINOUS CONCRETE DRIVEWAY RAMP
(C) CONSTRUCT 8" REINFORCED CONCRETE DRIVEWAY RAMP
(E) EXISTING DRIVEWAY RAMP TO REMAIN
(S) CONSTRUCT 8" REINFORCED CONCRETE SIDEWALK

CALL BEFORE YOU DIG - THE CONTRACTOR IS HEREBY REMINDED THAT TITLE 16 CHAPTER 293 OF THE CONNECTICUT GENERAL STATUTES REQUIRES NOTIFICATION TO UTILITY COMPANIES OF PENDING EXCAVATION AT OR NEAR PUBLIC UTILITIES. THE CONTRACTOR SHALL CALL 1-800-922-4455 AT LEAST 48 HOURS PRIOR TO EXCAVATION.

NOTE:
TOP OF CURB SHALL FOLLOW 6" ABOVE GUTTER GRADE (TYP.)

PLAN

PROFILE

APPROX. BEGIN OF CONSTRUCTION
STA. 9+99 DOVER STREET ℄

APPROX. LIMIT OF CONSTRUCTION
STA. 14+04.78 DOVER STREET ℄

45.39 H
45.33 H
45.42 H
45.49 H
45.46 H
45.45 H
46.06 H
46.10 H
45.73 H
45.78 H

PROPOSED TOP OF CURB
PROPOSED GUTTER
EXISTING BACK OF WALK
EXISTING FRONT OF WALK
EXISTING GUTTER
EXISTING CURB
PROPOSED ℄
EXISTING ℄

GRADE TO MATCH EXISTING

45 E
45 ℄
45 W

1.20%
+1.03%
-0.12%
-0.50%
+0.52%
+0.50%
+0.21%
-0.50%
+1.40%
2.41%
+0.18%
+0.50%
-0.50%
+1.10%
0.63%
+0.99%
-0.50%
-0.14%
+0.50%
+0.40%
-0.50%
+0.25%
+0.50%

STA. 10+15 ELEV. 45.19 G
PVI: STA. 10+75 ELEV. 45.40 G
PVI: STA. 11+25 ELEV. 45.15 G
PVI: STA. 13+00 ELEV. 46.03 G
STA. 14+00 ELEV. 46.48 G
STA. 9+99 ELEV. 45.05 G
PVI: STA. 10+75 ELEV. 45.81 ℄
PVI: STA. 11+25 ELEV. 45.56 ℄
STA. 14+00 ELEV. 46.73 ℄
STA. 14+00 ELEV. 46.03 G

10+00 11+00 12+00 13+00 14+00

NOTE: CHECK GRAPHIC SCALES BEFORE USING DRAWINGS

NO.	DATE	DESCRIPTION
	DEC 86	AS BUILTS BY RTE CHECKED BY MCC

REVISIONS

SUPV. APW
DESIGN MCH / DEC
DRAWN KHT
CHECKED JAC
DATE 6/3/85

GRAPHIC SCALES
HORIZ. 1"=20'
VERT. 1"=2'

ROADWAY RECONSTRUCTION
HARTFORD, CONNECTICUT

Hayden | Wegman
Consulting Engineers
WEST HARTFORD
NEW YORK • BOSTON • BUFFALO
ATLANTA • MEMPHIS

CITY OF HARTFORD, CONNECTICUT
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING SERVICES

DRAWN
CHECKED
SCALE
DAYBOOK NO. 010947
DATE

DOVER STREET
STA. 9+99 TO STA. 14+04.78

PLAN AND PROFILE
Contract No. E 85-28 Job No.- 845304
SHEET 1-1 OF

573/11