F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	ROCKY HILL	STPH-1118(002)	118-158	2007		4	17

GENERAL NOTES

1. MAP REFERENCES:
   "AS BUILT, PLAN/PROFILE, 'WOODFIELD CROSSING', WOODFIELD CROSSING, ROCKY HILL, CT" SCALE 1"=40' HOR, 1"=4' VERT, SHEETS 1 TO 4, DATED JANUARY, 1977 LAST REV 8/3/82, BY HODGE ENGINEERING ASSOCIATES, INC., UNIONVILLE, CONNECTICUT
2. HORIZONTAL COORDINATES – NAD 83, VERTICAL DATUM – MDC
3. INFORMATION RELATED TO EXISTING CONDITIONS IS BASED ON LIMITED INVESTIGATIONS MADE BY THE ENGINEER. THIS INFORMATION IS INTENDED ONLY TO PROVIDE AN APPROXIMATE INDICATION OF THE FIELD CONDITIONS TO BE ANTICIPATED. THIS INFORMATION IS NOT WARRANTED TO INDICATE THE TRUE CONDITIONS OR DISTRIBUTION OF QUANTITIES. IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND DETERMINE ACTUAL FIELD CONDITIONS.
4. UTILITY LINES AS SHOWN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING CALL BEFORE YOU DIG (800-922-4455) PRIOR TO CONSTRUCTION

LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	STREET LINE	
	CENTERLINE	
	CURB	
	STORM SEWER	
	SANITARY SEWER	
	ELECTRIC LINE	
	WATER LINE	
	GAS LINE	
	TELEPHONE LINE	
222	CONTOUR	222
	CATCHBASIN	
	MANHOLE	
	IRON PIN	
	MONUMENT	
	LIGHT POLE	
	UTILITY POLE	
	SIGN	
	HYDRANT	
	GATE VALVE	
	TELEPHONE MH	
	TRAFFIC FLOW	

ROADWAY ELEMENTS

CLASSIFICATION	Urban Collector
VOLUME	3300 ADT
DESIGN SPEED	35 MPH
DESIGN STANDARDS	CT DOT 3R

REPLACE TYPE 'C' CATCHBASIN TOP (Granite Curb Top)

CUT BITUMINOUS CONCRETE PAVEMENT (TYP) MATCH EXISTING

BEGINNING OF PROJECT STATION 0-90

PROJECT LIMIT

N 32°48'20" E 154.78'

RESET MH AS NECESSARY
San MH Sta 0-15
Rim=205.60
Inv=193.59

℄ Intersection Sta 0+00
N 797077.7328
E 1016312.5243

PC Sta 0+65
N 797172.2922
E 1016347.7483

COLD SPRING RD

PROJECT LIMIT

BVC STA 0+93.23

Δ=90°00'00" R=25.00' L=39.27' T=25.00'

Δ=38°16'00" R=331.07' L=213.37' T=111.02'

Δ=25°30'54" R=368.07' L=163.89' T=82.93'

REPLACE TYPE 'C' CATCHBASIN TOP (Granite Curb Top)
CB Sta 0+65 R
TF=203.61
FL=200.06 15" SE
FL=199.71 15" N

RESET MH AS NECESSARY
San MH Sta 1+45
Rim=201.83
Inv=191.60

N/F CENTURY RIDGE

Δ=71°17'29" R=28.14' L=35.01' T=20.18'

REPLACE TYPE II TYPE 'C' CATCHBASIN TOP (Granite Curb Top)
CB Sta 2+35 R
TF=196.78
FL=192.34 15" S
FL=191.04 15" N

REPLACE TYPE 'C' CATCHBASIN TOP (Granite Curb Top)

PROJECT LIMIT

PINES

RESET GRANITE RADIUS CURB AS DIRECTED BY ENGINEER (TYP)
Exist Granite Curb on Radius (TYP)

℄ Intersection Sta 2+54.06
N 794311.0842
E 1016401.3223

RESET MH AS NECESSARY
San MH Sta 2+54
Rim=196.59
Inv=188.65 8" E
Inv=188.44 10" N/S

Δ=95°15'06" R=22.81' L=37.92' T=25.00'

REPLACE TYPE 'C' CATCHBASIN TOP (Granite Curb Top)
CB Sta 3+00 R
TF=192.88
FL=189.09 15" SE
FL=188.78 15" W
FL=189.05 15" S
FL=188.70 18" N

REPLACE TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 3+00 L
TF=192.92
FL=189.30 15" E

BITUMINOUS CONCRETE PAVEMENT TO BE RECLAIMED TO A DEPTH OF 12". SURPLUS MATERIAL TO REMOVED FROM THE SITE. (TYP)

PROPOSED 4" SUPERPAVE 0.50 INCH LEVEL 2 BITUMINOUS CONCRETE PAVEMENT SEE TYPICAL SECTION SHEET 3

ADJUST GATE BOX AS NECESSARY (Typ)

BVC STA 5+87.14

N 08°29'39" W

4" Conc. Sidewalk

WOODFIELD CROSSING

Bit Curb

EVC STA 5+43.23

N 08°29'39" W

419.71'

RESET MH AS NECESSARY
San MH Sta 5+50
Rim=173.33
Inv=164.91 10" S
Inv=162.81 10" N

REPLACE DRIVEWAY APRON (TYP)
APRONS ON WEST SIDE OF ROAD TO BE REPLACED TO THE SIDEWALK. APRONS ON THE EAST SIDE TO BE SAW CUT 5' BEYOND THE GUTTERLINE OR AS DETREMINED BY THE ENGINEER AND REPLACED.

REPLACE TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 6+25 R
TF=167.51
FL=163.41 15" W
FL=163.21 18" S
FL=163.21 21" N

REPLACE TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 6+25 L
TF=167.34
FL=164.14 15" E

TURF ESTABLISHMENT (TYP)

REMOVE EXISTING BCLC PRIOR TO RECLAIMING INSTALL NEW BCLC ON BINDER (TYP)

RESET MH AS NECESSARY
San MH Sta 8+80
Rim=153.76
Inv=146.74 6" E
Inv=146.04 10" N/S

431.01'

EVC STA 8+37.14

REPLACE TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 8+50 R
TF=154.341
FL=150.16 21" S
FL=149.75 24" N

REPLACE TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 9+75 R
TF=151.08
FL=145.48 24" S
FL=145.28 24" N

REPLACE TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 10+20 L
TF=150.72
FL=140.92 30" W
FL=140.82 30" E

Δ=50°02'22" R=636.33' L=555.77' T=299.98'

BVC STA 8+75

REPLACE TYPE II TYPE 'C' CATCHBASIN TOP (Bit Curb Top)
CB Sta 10+20 R
TF=150.70
FL=144.40 24" S
FL=145.20 24" N
FL=140.92 30" N

MATCH EXISTING STATION 10+50

Scale: 1"=40' H

250' VC
PVI STA = 2+18.23
PVI ELEV = 200.20
A.D. = -5.60
K = 44.66

BVCS: 0+43.23
BVCE: 203.20

EVCS: 3+43.23
EVCE: 190.20

-2.40%

-8.00%

PC STA 0+65

PT STA 2+95.51

BEGINNING OF PROJECT STATION 0+90

Sim MH Sta 0-15 Rim=205.60 Inv=193.59

Sim MH Sta 1+45 Rim=201.83 Inv=191.60

CB Sta 0+65 R TF=203.61 FL=200.06 15" SE FL=199.71 15" N

CB Sta 2+35 R TF=196.78 FL=192.34 15" S FL=191.04 15" N

Sim MH Sta 2+54 Rim=196.59 Inv=188.65 8" E Inv=188.44 10" N/S

CB Sta 3+00 R TF=192.88 FL=189.09 15" SE FL=188.78 15" W FL=189.05 15" S FL=188.70 18" N

CB Sta 3+00 L TF=192.92 FL=189.30 15" E

178 LF 15" RCP @ 4.14%

160 LF 10" SAN @ .10%

110 LF 10" San @ 2.87%

69 LF 15" RCP @ 4.83%

325 LF 18" RCP @ 7.84%

300 LF 10" SAN @ 7.84%

Scale: 1"=40' H

250' VC
PVI STA = 7+12.14
PVI ELEV = 160.68
A.D. = 4.00
K = 62.50

BVCS: 5+87.14
BVCE: 170.68

EVCS: 8+37.14
EVCE: 155.68

-8.00%

4.00%

PC STA 7+26.51

Sim MH Sta 5+50 Rim=173.33 Inv=164.91 10" S Inv=162.81 10" N

CB Sta 6+25 R TF=167.51 FL=163.41 15" W FL=163.21 18" S FL=163.21 21" N

CB Sta 6+25 L TF=167.34 FL=164.14 15" E

325 LF 18" RCP @ 7.84%

300 LF 10" SAN @ 7.84%

225 LF 21" RCP @ 5.80 %

330 LF 10" SAN @ 5.08%

LOW POINT ELEV = 151.27
LOW POINT STA = 10+20
PVI STA = 10+20
PVI ELEV = 148.37
A.D. = 8.00
K = 36.25

290' VC

BVCS: 8+75
BVCE: 154.17

EVCS: 8+37.14
EVCE: 155.68

CB Sta 8+50 R TF=154.341 FL=150.16 21" S FL=149.75 24" N

Sim MH Sta 8+80 Rim=153.76 Inv=146.74 6" E Inv=146.04 10" N/S

CB Sta 9+75 R TF=151.08 FL=145.48 24" S FL=145.28 24" N

CB Sta 10+20 L TF=150.72 FL=140.92 30" W FL=140.82 30" E

CB Sta 10+20 R TF=150.70 FL=144.40 24" S FL=145.20 24" N FL=140.92 30" N

125 LF 24" RCP @ 3.42%

220 LF 10" SAN @ 0.88%

45 LF 24" RCP @ 1.96

Scale: 1"=40' H
1"= 4' V

NO.	DATE	DESCRIPTION	BY

TOWN OF ROCKY HILL
ENGINEERING DEPARTMENT
761 OLD MAIN STREET, ROCKY HILL, CT 06067
PHONE (860)258-2766 FAX (860) 258-2703
James C. Sollmi P.E., L.S., Director of Engineering and Highways

PLAN AND PROFILE

WOODFIELD CROSSING
PAVEMENT REHABILITATION
STATION 0-90 TO 10+50
ROCKY HILL, CONNECTICUT

Date: 7/5/07	Scale: As Shown	Drawn By: SDS	Sheet 4 of 17

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