FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
I	N.Y.	0146001	2	92

BENNINGTON CONNECTOR S.H. 98-2

P.I.N. 1306.60

WHITEHOUSE BRIDGE - VERMONT STATE LINE S.H. 1426

RENSSELAER COUNTY

ABBREVIATIONS

ALIGNMENT

- B = BASELINE
- ℄ = CENTERLINE
- M = MAINLINE
- H.C.L. = HORIZONTAL CONTROL LINE
- T.G.L. = THEORETICAL GRADE LINE
- STA. = STATION
- P.I. = POINT OF INTERSECTION
- P.C. = POINT OF CURVE
- P.T. = POINT OF TANGENT
- P.C.C. = POINT OF COMPOUND CURVE
- P.R.C. = POINT OF REVERSE CURVE
- P.O.C. = POINT ON CURVE
- P.O.L. = POINT ON LINE
- T.S. = TANGENT TO SPIRAL
- S.C. = SPIRAL TO CURVE
- C.S. = CURVE TO SPIRAL
- S.T. = SPIRAL TO TANGENT
- R = RADIUS
- △ = ANGLE OF INTERSECTION
- Dc = DEGREE OF CURVE
- L = LENGTH OF CURVE
- T = TANGENT LENGTH
- DIA. = DIAMETER
- EXT. = EXTERNAL
- E.Q. = EQUALITY
- AHD. = AHEAD
- BK. = BACK
- e MAX. = MAXIMUM SUPERELEVATION
- N.C. = NORMAL CROWN
- P.V.I. = POINT OF VERTICAL INTERSECTION
- L.V.C. = LENGTH OF VERTICAL CURVE
- M.O. = MIDDLE ORDINATE OF VERTICAL CURVE
- P.S.D. = PASSING SIGHT DISTANCE
- S.S.D. = STOPPING SIGHT DISTANCE
- H.S.D. = HEADLIGHT SIGHT DISTANCE
- K = RATE OF VERTICAL CURVATURE

TOPOGRAPHY (DRAINAGE)

- D'XING = DITCH CROSSING
- CULV. = CULVERT
- HW. = HEADWALL
- INV. = INVERT
- C.P. = CONCRETE PIPE
- R.C.P. = REINFORCED CONCRETE PIPE
- C.M.P. = CORRUGATED METAL PIPE
- C.S.P. = CORRUGATED STEEL PIPE
- E.S. = END SECTION
- O.C.M.P. = OBLATE CORRUGATED METAL PIPE
- V.C.P. = VITRIFIED CLAY PIPE
- V.T.P. = VITRIFIED TILE PIPE
- C.I.P. = CAST IRON PIPE
- C.B. = CATCH BASIN
- C.I. = CURB INLET
- D.I. = DROP INLET
- M.H. = MANHOLE
- T.F. = TOP OF FRAME (GRATE)
- ℄ STRM. = CENTERLINE OF STREAM
- B.B. = BOTTOM OF BANK(STREAM)
- T.B. = TOP OF BANK(STREAM)
- E.H.W. = EXTREME HIGH WATER
- O.H.W. = ORDINARY HIGH WATER
- M.H.W. = MEAN HIGH WATER
- ELEV.orEL. = ELEVATION
- O.L.W. = ORDINARY LOW WATER
- E.L.W. = EXTREME LOW WATER

TOPOGRAPHY (UTILITIES)

- TEL.P. = TELEPHONE POLE
- G.P. = GUY POLE
- L.P. = LIGHT POLE
- P.P. = POWER POLE
- G = GAS
- L.P.G. = LOW PRESSURE GAS
- H.P.G. = HIGH PRESSURE GAS
- G.V. = GAS VALVE(MAIN LINE)
- G.S.B. = GAS SERVICE BOX (HOUSE LINE)
- W = WATER
- W.V. = WATER VALVE(MAIN LINE)
- W.S.B. = WATER SERVICE BOX (HOUSE BOX)
- HYD. = HYDRANT

TOPOGRAPHY (MISCELLANEOUS)

- B.M. = BENCH MARK
- R.O.W. = RIGHT OF WAY
- ℄ = PROPERTY LINE
- WIN. = WINGWALL
- FD. = FOUNDATION
- C.R.W. = CONCRETE RETAINING WALL
- DW. = DRIVEWAY
- BLDG. = BUILDING
- HO. = HOUSE

TOPOGRAPHY (MISC.) CONT.

- POR. = PORCH
- FR. HO. = FRAME HOUSE
- STO. HO. = STONE HOUSE
- BRK. HO. = BRICK HOUSE
- C.B. HO. = CONCRETE BLOCK HOUSE
- ST. = STREET
- STY. = STORY
- S.W. = SIDEWALK
- T.L. = TREE LINE
- C.C. = CENTER TO CENTER
- I.P. = IRON PIN OR IRON PIPE
- MON. = MONUMENT
- STK. = STAKE
- R.R. = RAILROAD
- M = MEASURED DISTANCE
- D = DEED DISTANCE
- S.H. = STATE HIGHWAY
- C.R. = COUNTY ROAD
- D.M. = DIRECT MEASUREMENT
- R.O.W. W/A = RIGHT OF WAY WITH ACCESS
- R.O.W. WO/A = RIGHT OF WAY WITHOUT ACCESS
- B.O. = BOTTOM OF OPENING
- T.O. = TEMPORARY OCCUPANCY
- P.E. = PERMANENT EASEMENT
- T.E. = TEMPORARY EASEMENT

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LEGEND

FEATURE	SYMBOL PROPOSED	SYMBOL EXISTING
1. ROADS		
ROADS		
SIDEWALK	S.W.	S.W.
CURB		
2. ROUTE MARKERS		
INTERSTATE	5	5
U.S.	5	5
STATE	5	5
COUNTY	5	5
TOWN	5	5
3. TYPICAL SECTIONS		
ORIGINAL GROUND		
ROCK		
4. BARRIERS		
BARRICADE		
BOX BEAM OR W BEAM GUIDE RAILING		
BOX BEAM OR W BEAM MALL BARRIER		
CABLE GUIDE RAIL		
RETAINING WALL		
FENCE		
GUIDE POSTS		
STONE FENCE		
5. DRAINAGE FACILITIES		
CULVERTS		
CATCH BASIN, ETC.		
WATER COURSE		
DITCH		
GUTTER		
STONE FILL		
EROSION BLANKET		

FEATURE	SYMBOL PROPOSED	SYMBOL EXISTING
6. WATER LOCATIONS		
STREAM		
LAKE OR POND		
DRY POND OR DRY STREAM		
SPRING		
MARSH, FRESH		F
MARSH, SALT		S
RIPRAP		
7. TOPOGRAPHY		
CONTOURS	100 / 50	100 / 50
ROCK OUTCROP		
8. SURVEYING DATA		
SPOT ELEVATION		103.2
WATER ELEVATION		W.E.102.5
BENCH MARK		□ B.M.12
TRANSIT POINT		△
NORTH ARROW		VT STATE PLANE GRID
BASELINE		
CENTERLINE		
9. BUILDING AND SPECIAL SITES		
BUILDINGS IN GENERAL		
BUILDINGS TO BE DEMOLISHED		202.01XX
FOUNDATION		
TANK		
10. CUT AND FILL LIMITS		
TOP OF CUT	△	△
BOTTOM OF FILL	|	|

FEATURE	SYMBOL PROPOSED	SYMBOL EXISTING
11. BOUNDARIES		
NATIONAL		
STATE		
COUNTY		
TOWN		
CITY OR VILLAGE		
PROPERTY LINE		R
R.O.W. LINE & MON.	MON.■	MON.■
ACCESS LINE	R.O.W. W/A R.O.W. WO/A	R.O.W. W/A R.O.W. WO/A
ACQUISITION INFO	M12 P1T FEE W/A	
12. TREES AND BRUSH		
WOODED AREA		
BRUSH		BRUSH
TREES,DECIDUOUS	G.T.	
TREES,CONIFEROUS		
STUMP		
HEDGE	HEDGE	HEDGE
13. SIGNS AND BILLBOARDS		
SIGNS,GROUND MTD.		
SIGNS, OVERHEAD		
PROPOSED SIGN LOCATION & TEXT	4 / 7	
14. UTILITIES ABOVE GROUND		
HIGH TENSION TRANSMISSION TOWER		
UTILITY POLE		
TRAFFIC SIGNAL		
FIRE HYDRANT		
PULL BOX STREET LIGHTS		
PULL BOX TRAFFIC SIGNAL		
STREET LIGHT		
STREET LIGHT UTILITY POLE		

FEATURE	SYMBOL PROPOSED	SYMBOL EXISTING
14. UTILITIES ABOVE GROUND (CONT.)		
STEEL SIGNAL POLE		
SIGNAL POLE WITH CONTROLLER		
POLICE OR FIRE CALL BOX		
15. UTILITIES BELOW GROUND		
ELECTRIC	E	E
GAS	G	G
TELEPHONE	UG TEL	UG TEL
WATER MAIN	W	W
WATER VALVE	W	W
SEWER, SANITARY	Sa	Sa
SEWER, STORM	St	St
MANHOLE	M.H.	M.H.
UTILITY VALVE		
16. RAILROADS		
SMALL SCALE TRACK		
LARGE SCALE TRACK		

17. SUBSURFACE EXPLORATIONS

STANDARD SYMBOL	AB C	1/4" CIRCLE, IDENTIFY

REPLACE ABBREVIATION "AB" WITH

- DA = 2.5" CASED DRILL HOLE
- DN = 4.0" CASED DRILL HOLE
- FH = HOLLOW FLIGHT AUGER
- DM = DRILLING MUD
- PA = POWER AUGER
- AH = HAND AUGER
- CD = CONE PENETROMETER
- PH = PROBE HOLE
- RP = ONE INCH SAMPLER (RETRACTABLE PLUG)
- TP = TEST PIT
- PT = PERCOLATION TEST HOLE
- SP = SEISMIC POINT

REPLACE ABBREVIATION "C" IN CATEGORIES DA, DN, FH, & DM WITH:

- B = BRIDGE
- C = CUT
- D = DAM
- F = FILL
- K = CULVERT
- W = WALL

X = To be used if one of the above cannot be defined at the time the exploration is made.

LEGEND AND INDEX

SURVEYED BY C.H.A. & V.S.E. DATE 12/93
DESIGNED BY D.W.E. DATE 2/04
DRAWN BY C.A.K. DATE 2/04
CHECKED BY T.P.K. DATE 2/04

DESIGN FILE NO. LEGEND.DGN

PROJ. NAME BENNINGTON - HOOSICK D.P.I. 0146(1) C/I

PROJ. NO. P.I.N. 1306.60

SHEET 2 OF 92 DWG NO. L-1

IN CHARGE OF T.KARIS DESIGNED BY D.EMERICH CHECKED BY D.EMERICH ESTIMATED BY D.GOZALKOWSKI DRAFTED BY C.KAHLBAUGH CHECKED BY T.BURTNICK DATE 2/04

FILE NAME = u:\515\sys\dot\construct\legend.dgn
DATE/TIME = 2/23/2004
USER = 2225