| STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| N.H. | S-3428 | 1 | |

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STATE OF NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

# PLANS OF PROPOSED

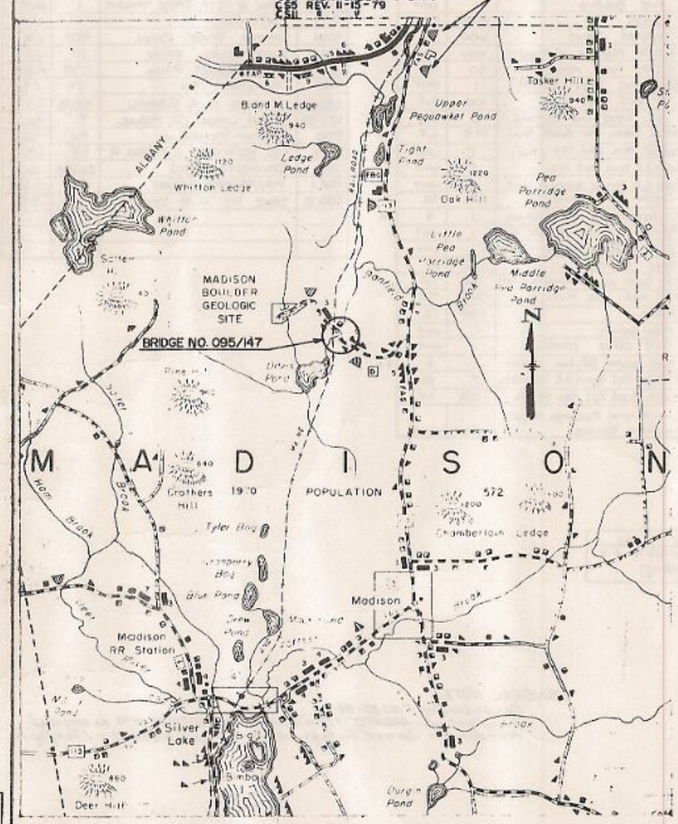
## SAFER-OFF-SYSTEM
## FEDERAL AID HIGHWAY PROGRAM
## RHS-SOS-283(2)

N.H. PROJECT NO. S-3428

## MADISON BOULDER ROAD
OVER
## DAVIS POND OUTLET

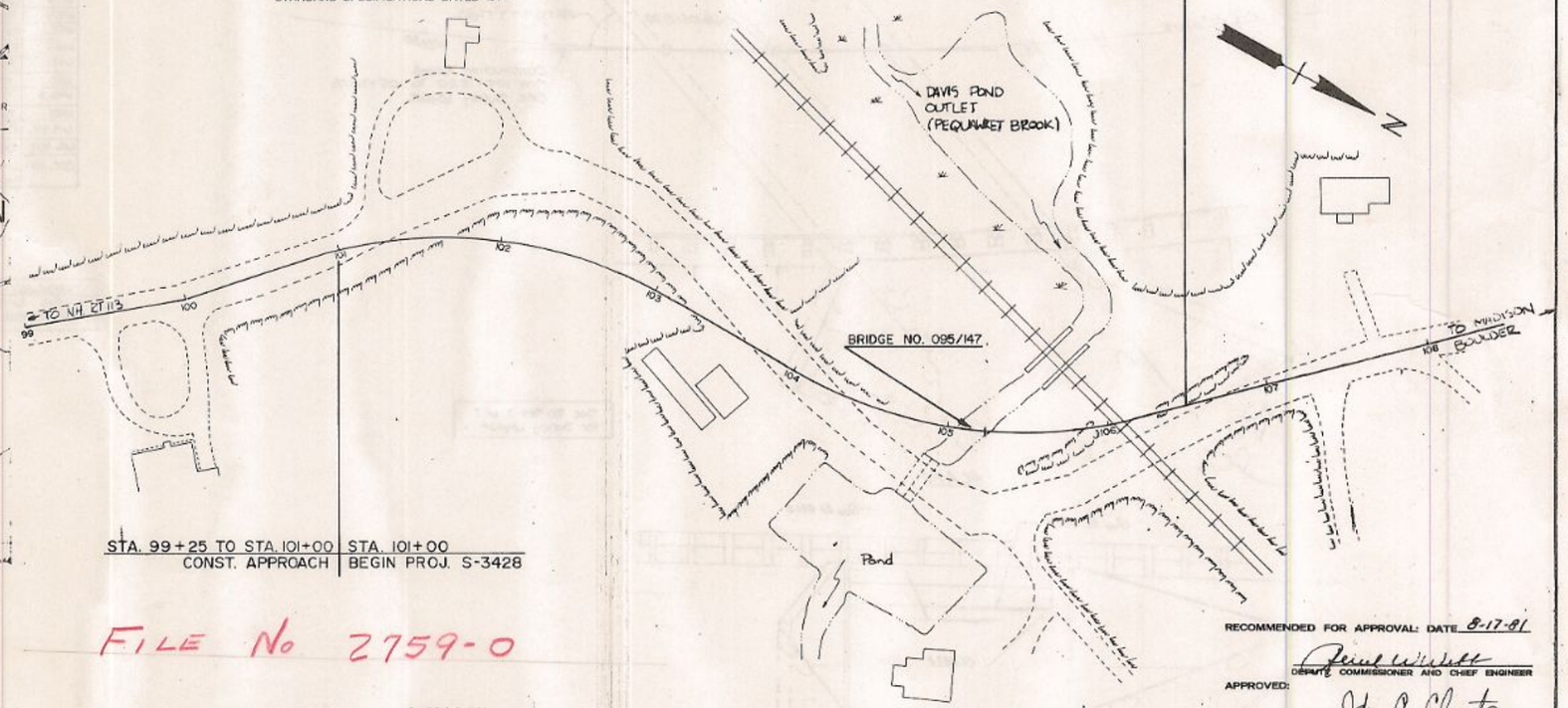
THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS DATED 1974

| DESIGN DATA | | | |
|---|---|---|---|
| AVERAGE DAILY TRAFFIC | 1980 | 50 | |
| AVERAGE DAILY TRAFFIC | 2000 | 100 | |
| TRAFFIC CLASSIFICATION | | M | |
| DESIGN SPEED | | 30 | M.P.H. |
| MAXIMUM CURVATURE | | 20 | DEGREES |
| MAXIMUM GRADIENT | | 3.50 | % |
| NON-PASSING SIGHT DISTANCE | | | |
| K FACTOR - CREST 30.8 | SAG | 38.8 | |
| LENGTH OF PROJECT | | 0.1 | MILES |




LOCATION MAP

1/2 0 1/2
SCALE IN MILES




| STA. 106+50 END PROJ. S-3428 | STA. 106+50 TO STA. 108+15 CONST. APPROACH |
|---|---|

| STA. 99+25 TO STA. 101+00 CONST. APPROACH | STA. 101+00 BEGIN PROJ. S-3428 |
|---|---|

FILE No 2759-0

LAYOUT
SCALE 1" = 40 FEET

TOWN OF MADISON
COUNTY OF CARROLL

THESE PLANS HAVE BEEN REDUCED PHOTOGRAPHICALLY TO APPROXIMATELY 1/2 SCALE

RECOMMENDED FOR APPROVAL: DATE 8-17-81
DEPUTY COMMISSIONER AND CHIEF ENGINEER

APPROVED:
COMMISSIONER

FOR MUNICIPAL HIGHWAYS ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED:
DIVISION ADMINISTRATOR DATE

PLANS PREPARED UNDER THE SECONDARY & OFF-SYSTEM ROAD PLAN.

## CONVENTIONAL SIGNS

STATE LINE
TOWN LINE
FENCE
STONE WALL
UNFENCED PROPERTY
TRAVELED WAY
RAILROAD
RETAINING WALL
SEWER MANHOLE
HYDRANT
LEDGE
BRUSH LINE
SWAMP
PROPERTY PARCEL NO.
R O W LINE
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TELEGRAPH POLE
JOINT POWER & TEL. POLE
GROUND ELEVATION (LEFT)
GRADE ELEVATION (RIGHT)
SLOPE LINE
CATCH BASIN
DROP INLET
ROUND
CLEARING & GRUBBING AREA

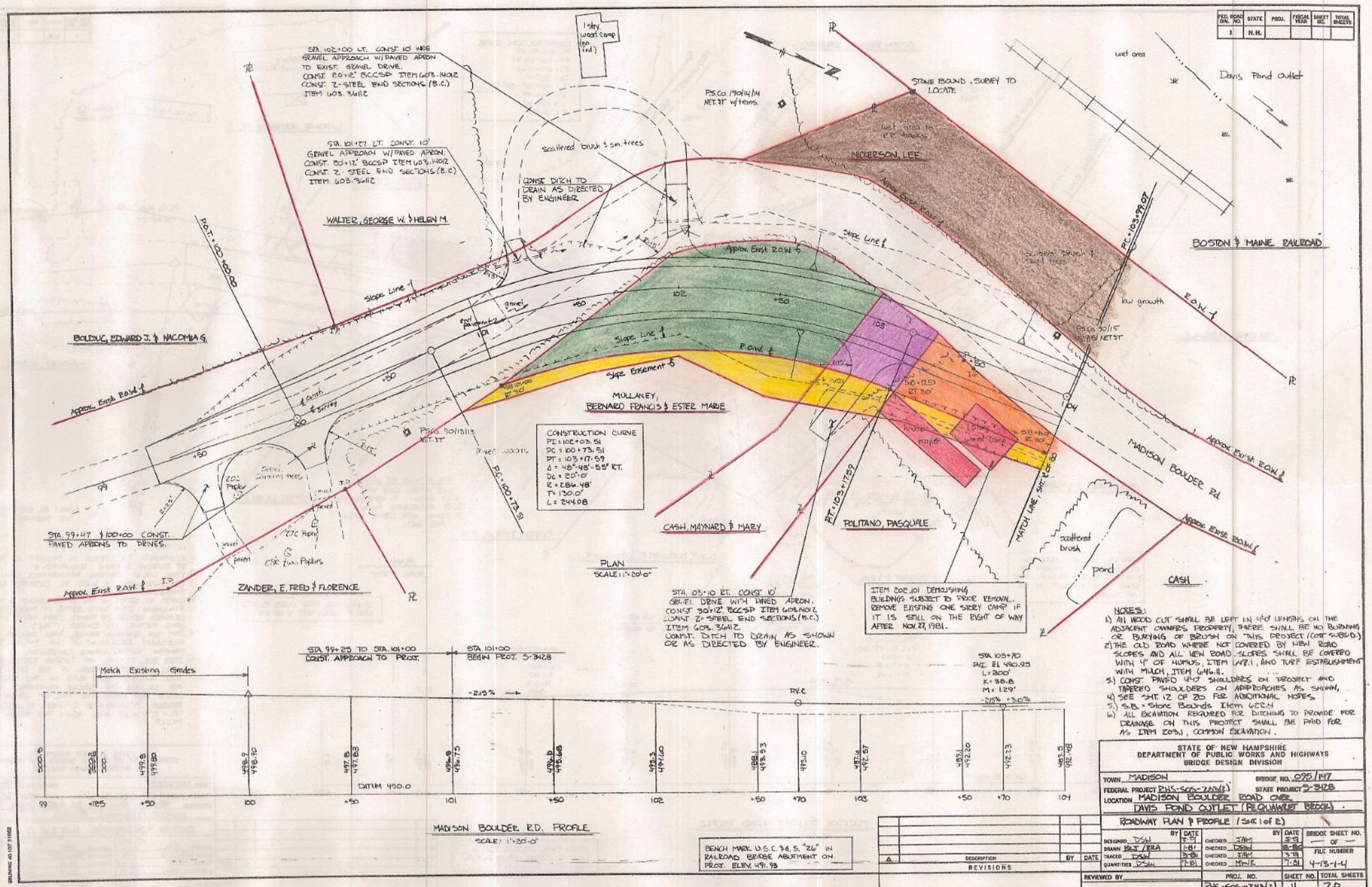
| DRAWN BY | DATE | DESIGNED BY | DATE |
|---|---|---|---|
| BKJ | 8-80 | DSW | 5-81 |

BRUNING 44 510 33106

| PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|
| RHS-SOS-283(2) | 1 | 20 |

FILE 4-13-1-4

| FED. ROAD DIV. NO. | STATE | PROJ. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 1 | N.H. | | | | |




NOTES:

1) ALL WOOD CUT SHALL BE LEFT IN 4'-0" LENGTHS ON THE ADJACENT OWNER'S PROPERTY, THERE SHALL BE NO BURNING OR BURYING OF BRUSH ON THIS PROJECT. (COST SUBSID.)
2) THE OLD ROAD WHERE NOT COVERED BY NEW ROAD SLOPES AND ALL NEW ROAD SLOPES SHALL BE COVERED WITH 4" OF HUMUS, ITEM 648.1, AND TURF ESTABLISHMENT WITH MULCH, ITEM 646.11.
3) CONST. PAVED 4'-0" SHOULDERS ON PROJECT AND TAPERED SHOULDERS ON APPROACHES AS SHOWN,
4) SEE SHT. 12 OF 20 FOR ADDITIONAL NOTES
5) S.B. = Stone Bounds. Item 606.4
6) ALL EXCAVATION REQUIRED FOR DITCHING TO PROVIDE FOR DRAINAGE ON THIS PROJECT SHALL BE PAID FOR AS ITEM 203.1, COMMON EXCAVATION.

STATE OF NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BRIDGE DESIGN DIVISION

TOWN MADISON — BRIDGE NO. 095/147
FEDERAL PROJECT BHS-505-2(13) — STATE PROJECT S-3428
LOCATION MADISON BOULDER ROAD OVER DAVIS POND OUTLET (PEQUAWKET BROOK)

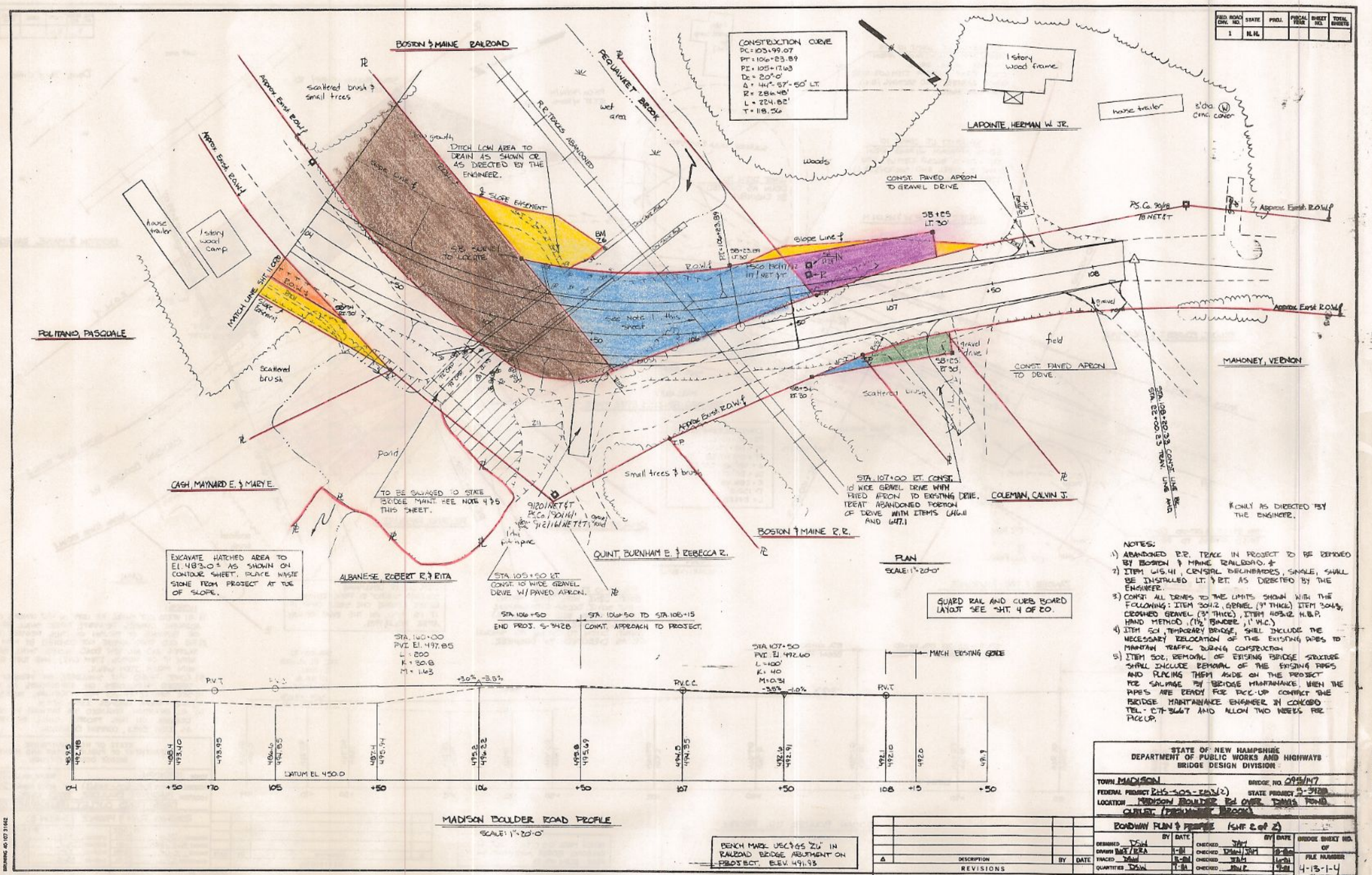
ROADWAY PLAN & PROFILE (SHT. 1 of 2)

| | BY | DATE | | BY | DATE | BRIDGE SHEET NO. |
|---|---|---|---|---|---|---|
| DESIGNED DSW | | 3-81 | CHECKED JAM | | 3-81 | — OF — |
| DRAWN RET / PRA | | 1-81 | CHECKED DSW | | 10-80 | FILE NUMBER |
| TRACED DSW | | 3-81 | CHECKED JAM | | 3-81 | |
| QUANTITIES DSW | | 7-81 | CHECKED MWR | | 7-81 | 4-13-1-4 |

| REVIEWED BY | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| | BHS-505-2(13) | 11 | 20 |

| △ | DESCRIPTION | BY | DATE |
|---|---|---|---|
| | REVISIONS | | |

| FED. ROAD DIV. NO. | STATE | PROJ. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 1 | N.H. | | | | |




NOTES:

1) ABANDONED R.R. TRACK IN PROJECT TO BE REMOVED BY BOSTON & MAINE RAILROAD. *
2) ITEM 615.41, CRYSTAL DELINEATORS, SINGLE, SHALL BE INSTALLED LT. & RT. AS DIRECTED BY THE ENGINEER.
3) CONST. ALL DRIVES TO THE LIMITS SHOWN WITH THE FOLLOWING: ITEM 304.2, GRAVEL (9" THICK) ITEM 304.3, CROSHED GRAVEL (3" THICK), ITEM 403.12 H.B.P. HAND METHOD, (1½" BINDER, 1" W.C.)
4) ITEM 501, TEMPORARY BRIDGE, SHALL INCLUDE THE NECESSARY RELOCATION OF THE EXISTING PIPES TO MAINTAIN TRAFFIC DURING CONSTRUCTION
5) ITEM 502, REMOVAL OF EXISTING BRIDGE STRUCTURE SHALL INCLUDE REMOVAL OF THE EXISTING PIPES AND PLACING THEM ASIDE ON THE PROJECT FOR SALVAGE BY BRIDGE MAINTAINANCE. WHEN THE PIPES ARE READY FOR PICK-UP CONTACT THE BRIDGE MAINTAINANCE ENGINEER IN CONCORD TEL. - 271-3667 AND ALLOW TWO WEEKS FOR PICKUP.

STATE OF NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BRIDGE DESIGN DIVISION

TOWN MADISON — BRIDGE NO. 095/147
FEDERAL PROJECT RHS-SOS-283(2) — STATE PROJECT S-3428
LOCATION MADISON BOULDER Rd OVER DAVIS POND OUTLET (PEQUAWKET BROOK)

ROADWAY PLAN & PROFILE (SHT. 2 of 2)

| | BY | DATE | | BY | DATE | BRIDGE SHEET NO. OF |
|---|---|---|---|---|---|---|
| DESIGNED | DSW | | CHECKED | JAM | | |
| DRAWN | BWT/RRA | 1-81 | CHECKED | DSW/JAM | 8-80 | FILE NUMBER |
| TRACED | DSW | 8-81 | CHECKED | JAM | 6-81 | 4-13-1-4 |
| QUANTITIES | DSW | 9-81 | CHECKED | JAM | 9-81 | |

| Δ | DESCRIPTION | BY | DATE |
|---|---|---|---|
| | REVISIONS | | |

REVIEWED BY

| PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|
| RHS-SOS-283(2) | 12 | 20 |

BRUNING 40 107 31662