

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING AND DEVELOPMENT

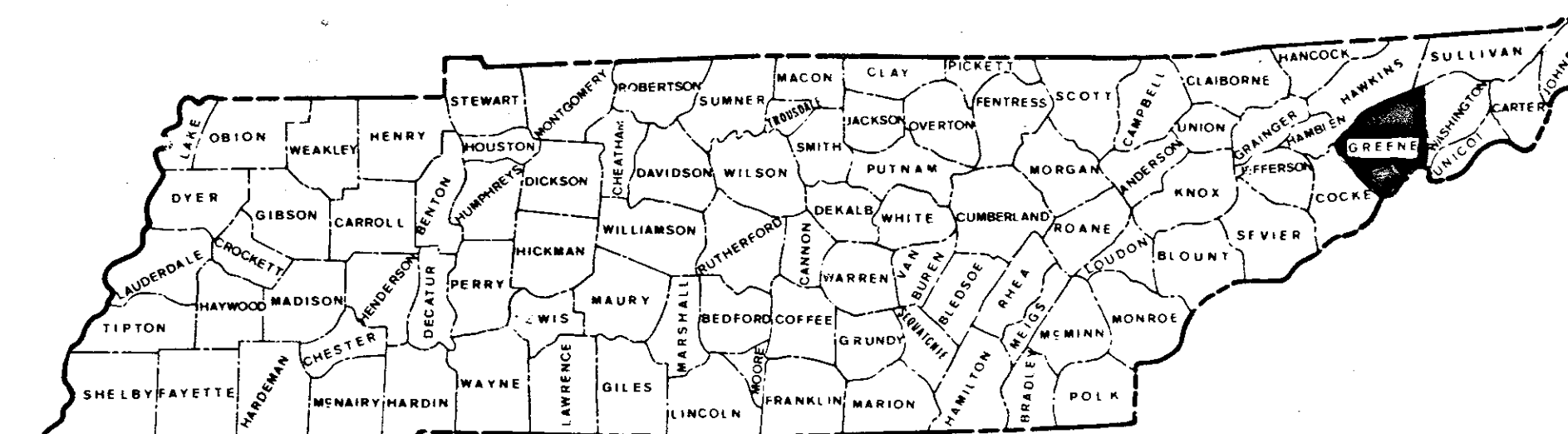
TENN.	YEAR	SHEET NO
	1984	1
FED AID PROJ NO	BHF-107(1)	
STATE PROJ NO	30011-3210-94	

GREENE COUNTY

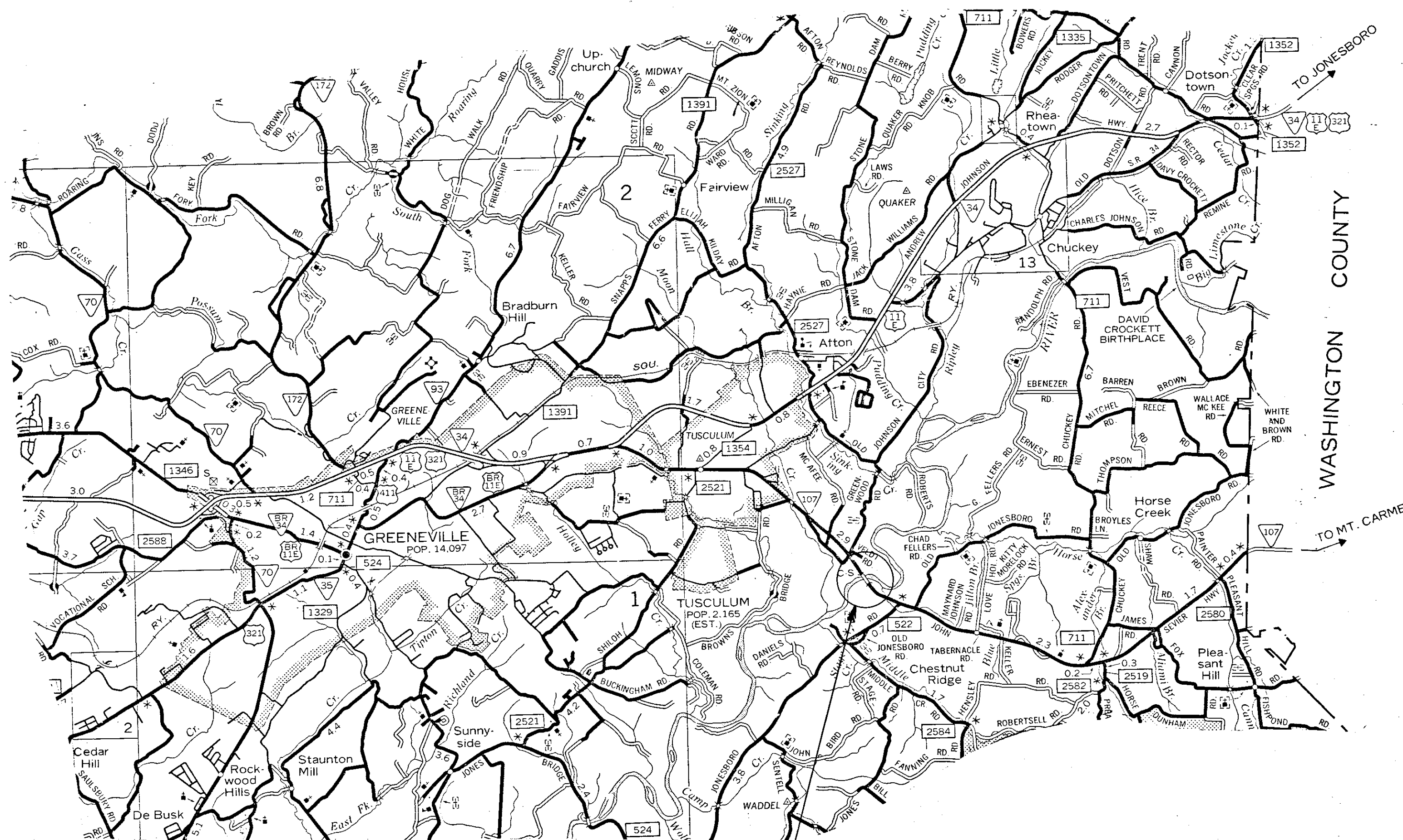
BRIDGE REHABILITATION & APPROACHES ON BRIDGE OVER NOLICHUCKY RIVER(L.M.11.23)

DRAINAGE, RESURFACING, GUARDRAIL & BRIDGE REHABILITATION

STATE HIGHWAY NO. 107



NO EQUATIONS
NO EXCLUSIONS



APPROVED *Louis Evans*
STATE TRANSPORTATION ENGINEER

DATE

APPROVED *Paul E. Farnsworth*
COMMISSIONER

PLANS PRINTED

DES STUDY REPORT	
PRELIM P. S. & E	
PUBLIC HEARING	
R.O.W. P. S. & E.	
R.O.W. ACQUIS.	
CONST. P.S.&E.	

TRAFFIC DATA

ADT (1984)	5000
ADT (2004)	8500
DHV	1,105
D	60-40
T	8%
V	50 MPH

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:
DIVISION ADMINISTRATOR DATE

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 1981 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

DESIGNER MAURICE JOHNSON AND MILDRED BAUER

PE NO. 3001-3209-94

ROADWAY LENGTH 0.040 MILES
* BRIDGE LENGTH 0.000 MILES
PROJECT LENGTH 0.040 MILES
* DOES NOT INCLUDE 0.111 MILES FOR EXISTING BRIDGE

30011-3210-94 CONST.
PROJ. NO. BHF-107(1) CONST.
BEG. PROJ. STA. 125 +00
END PROJ. STA. 133 +00

INDEX

SHEET NO.

1	-----
1A	-----
2	-----
2A	-----
2B	-----
2C	-----
2D	-----
3	-----
3A	-----
4-5	-----

SHEET TITLE

TITLE SHEET
INDEX AND STANDARD ROADWAY DRAWINGS
ESTIMATED STRUCTURES INDEX & QUANTITIES
ESTIMATED ROADWAY QUANTITIES
TYPICAL SECTIONS
TABULATION QUANTITIES
TRAFFIC CONTROL PLAN & DETAIL
PRESENT LAYOUT
PROPOSED LAYOUT
CROSS-SECTIONS

DWG. NO.

REV. DATE

TITLE

RD-A-1
RD-L-1
RD-L-2
RD-S-11
RD-S-11A
RD-S-12

9-18-79
3-15-76
1-11-82
1-11-82
1-11-82
1-11-82

STANDARD ABBREVIATIONS
STANDARD LEGEND
STANDARD LEGEND
ROADSIDE SLOPE DEVELOPMENT
ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
DESIGN STANDARDS 2-LANE HIGHWAYS

DRAINAGE- CULVERTS AND ENDWALLS

D-PG-3

9-16-83

FERROUS AND CORRUGATED METAL PIPE

SAFETY APPURTENANCES AND FENCE

S-GR-11
S-GR-12
S-GR-13
S-GR-14
S-GR-15
S-GR-21
S-RP-2
S-GR-19

9-15-82
9-15-82
9-15-82
9-15-82
9-15-82
9-15-82
1-01-76
7-01-84

W-BEAM BARRIER RAIL AND RUB RAIL
BARRIER RAIL MOUNTING,POST BLOCK-OUTS, POST BASE DETAILS
W-BEAM BARRIER POST DETAILS & SPECIFICATIONS
W-BEAM BARRIER FASTENING HARDWARE AND REFLECTORS
W-BEAM BARRIER TERMINAL ELEMENT DETAILS
LENGTH OF NEED AND TERMINAL REQUIREMENTS IN FILLS
CONCRETE RIGHT-OF-WAY POST
TERMINAL ANCHORS,TYPE I2,TYPE I3

TRAFFIC CONTROL APPURTENANCES

T-M-1
T-CP-1
T-CP-2
T-CP-3

10-7-82
10-7-82
9-17-82

DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
SIGNAL LAYOUT- SIGNALIZED TRAFFIC CONTROL PLAN
NOTES- SIGNALIZED TRAFFIC CONTROL PLAN
SIGN DETAILS-SIGNALIZED TRAFFIC CONTROL PLAN

EROSION CONTROL AND LANDSCAPING

EL-P-1

1-11-82

TEMPORARY POLLUTION CONTROL STRUCTURES

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	1984	BHF-107 (1)	1A

REV. 3-24-84: ADDED STD. DWG NO. S-GR-19.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX
AND
STANDARD ROADWAY
DRAWINGS

REVISIONS
1 8-29-84 WHP REVISED CLASS "A" GENCERTIF QUANT.

RECEIVED

LAYOUT DWG. NO. M-147-39
BRIDGE DETAILS M-147-40 THRU M-147-48

<u>LIST OF SPECIAL PROVISIONS</u>	<u>PROV. NO.</u>	<u>LAST REV. DATE</u>
REGARDING APPROVAL OF SHOP DRAWINGS	105A	9-8-81
REGARDING CLASS "A" CONCRETE FOR BRIDGE DECKS	609A	12-20-82
REGARDING EPOXY COATED REINFORCING STEEL	907A	9-8-81

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

BRIDGE INDEX AND QUANTITIES

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
② 203-01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED)	3,107	CU. YD.
① 303-01	MINERAL AGGREGATE TYPE "A" BASE GRADING "D"	363	TON
307-03.11	BITUMINOUS PLANT MIX BASE (HOT MIX) (BPMB-HM) GRADING "B"	76	TON
307-03.12	BITUMINOUS PLANT MIX BASE (HOT MIX) (BPMB-HM) GRADING "C"	38	TON
307-03.03	AGGREGATE FOR BIT. PLANT MIX BASE (HOT MIX) (BPMB-HM) GRADING "C-W" MIXTURE	32	TON
307-03.04	ASPHALT CEMENT FOR BIT. PLANT MIX BASE (HOT MIX) (BPMB-HM) GRADING "C-W" MIXTURE	2	TON
607-39.02	18" CONCRETE PIPE CULVERT (CLASS III) (SIDE DRAIN)	88	LIN. FT.
705-01.01	PROTECTIVE GUARDRAIL AT BRIDGE ENDS	108	LIN. FT.
705-02.02	METAL DEEP BEAM SINGLE GUARDRAIL (POST SP 6 FT 3 IN.)	241	LIN. FT.
705-04.02	GUARDRAIL TERMINAL ANCHOR (TYPE 12)	1	EACH
712-01	TRAFFIC CONTROL	1	LUMP SUM
712-02	PORTABLE BARRIER RAIL	2363	LIN. FT.
712-05.02	WARNING LIGHTS (TYPE B)	4	EACH
712-05.03	WARNING LIGHTS (TYPE C)	57	EACH
712-05	SIGNS (CONSTRUCTION)	288	SQ. FT.
712-07.02	TEMPORARY BARRICADE (TYPE II)	78	LIN. FT.
③ 712-09.01	REMOVABLE PAVEMENT MARKING LINE	3,200	LIN. FT.
716-05.01	PAINTED PAVEMENT MARKING (LINE)	1	LIN. MI.
717-01	MOBILIZATION	1	LUMP SUM
④ 730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	1	EACH
801-01	SEEDING (WITH MULCH)	14	UNIT
801-03	WATER (SEEDING & SODDING)	2	M. G.

- ① INCLUDES 89 TONS FOR P.V.T. DRIVE
- ② INCLUDES TO CU. YDS. FOR TOPSOIL RESERVED AND PLACED, 1 MG. FOR WATER AND 30 BALES OF HAY OR STRAW EROSION CHECKS, 1 TON FOR TACK COAT AND 1 TON FOR PRIME COAT.
- ③ "THE PAVEMENT MARKING ON THE LANE SHIFTS FOR EDGELINES WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARDS AS FOR PERMANENT MARKING ON THE MAIN ROADWAY, THE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. ALL COST IN INSTALLING THIS PAVEMENT MARKING SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 712-09.01, REMOVABLE PAVEMENT MARKING LINE, LIN. FT."
- ④ SEE STD. DWG. NO'S T-CP-1, T-CP-2 & T-CP-3.

GENERAL NOTES

UTILITIES

LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED.

UNLESS OTHERWISE NOTED, UTILITY OWNERS ARE TO RESET, RELAY OR RE-ADJUST ALL PUBLIC AND PRIVATE UTILITIES CONFLICTING WITH PROPOSED IMPROVEMENT. THE CONTRACTOR WILL BE REQUIRED TO COOPERATE WITH THE OWNERS OF LOCAL UTILITIES IN THE ADJUSTMENT OF THEIR FACILITIES WHERE THEY INTERFERE WITH CONSTRUCTION.

THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITIES PRIOR TO SUBMITTING HIS BID IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULING OF THE WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED "AROUND" UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY THE UTILITY ADJUSTMENTS.

THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.

FENCING

THE CONTRACTOR WILL NOT CUT ANY FENCE UNTIL THE AFFECTED PROPERTY OWNERS HAVE BEEN NOTIFIED OF THE INTENTION TO CUT FENCES.

SCOPE OF WORK

BRIDGE REHABILITATION, GUARDRAIL INSTALLATION, APPROACHES AND PAVEMENT MARKINGS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	1984	BHF-107 (1)	2A

*REV. 8-14-84: CHANGED ITEM NO. 307-02-01 TO 307-03.11, 607-03.02 TO 607-39.02; DELETED ITEMS 607-37.02, 801-07 AND 801-08. CHANGED DESCRIPTION ON ITEM 801-03 ALSO CHANGED QUANTITY FOR ITEMS 712-05.03 & 712-07.02.

REV. 8-24-84: CHANGED QUANTITIES ON ITEMS 203-01, 307-03.11, 307-03.03, 801-01 AND 607-39.02. ADDED ITEM 307-03.12; DELETED ITEM 203-04, 203-06, 209-06, 402-01 AND 403-01; CHANGED ITEM NO. 705-04.08 TO 705-04.02 ALSO DESCRIPTION; CHANGED FOOTNOTE NO. 2 AND ADDED FOOTNOTE NO. 4 AND *CHANGED PREVIOUS REVISION DATED 8-15-84 TO 8-14-84.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY
QUANTITIES
AND
GENERAL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	1984	BHF-107(1)	2C

*REV. 8-14-84: REMOVED QUANTITY BLOCK FOR ROW MARKERS.

REV. 8-24-84: ADDED GRADING QUANTITY BLOCK AND DELETED THE LETTER "S" IN RAMP. AND SIDE DRAINS QUANTITY BLOCK AND CHANGED SIDE DRAIN LENGTH, DELETED IN-LINE ANCHOR DETAIL ALSO * CHANGED PREVIOUS REVISION DATED 8-15-84 TO 8-14-84.

RAMP AND SIDE DRAIN							
STATION	COL	PIPE SIZE & LENGTH					REMARKS
		18"					
125+50	LT	88'					SIDE DRAIN
TOTAL		88'					

PROPOSED GUARDRAIL QUANTITIES							
STATION TO STATION		LOCATION	TERMINAL ANCHORS		LENGTH		
				TYPE IN-LINE 705-04.08	ITEM 705-01.01	ITEM 705-02.02	
125+00	BRIDGE	RIGHT			26.90	99.50	
	BRIDGE	LEFT		1	26.90	22.30	
BRIDGE	133+00	RIGHT			26.90	59.50	
BRIDGE	133+00	LEFT			26.90	59.50	
TOTAL				1	107.60	240.80	

ESTIMATED GRADING QUANTITIES						
STATION TO STATION		ROAD AND DRAINAGE EXCAVATION (UNCL.) CU. YD.			EMB. CU. YD.	EXCESS EXC. CU. YD.
		COMM.				
0+00	2+00	3,016			13	2,117
125+00	126+26	54			49*	54*
132+13.6	133+00	37			48*	37*
TOTALS		3,107			115	2,208

* QUANTITY TAKEN FROM EXCESS EXC.
GRADING QUANTITIES ESTIMATED
NO CROSS-SECTIONS FURNISHED

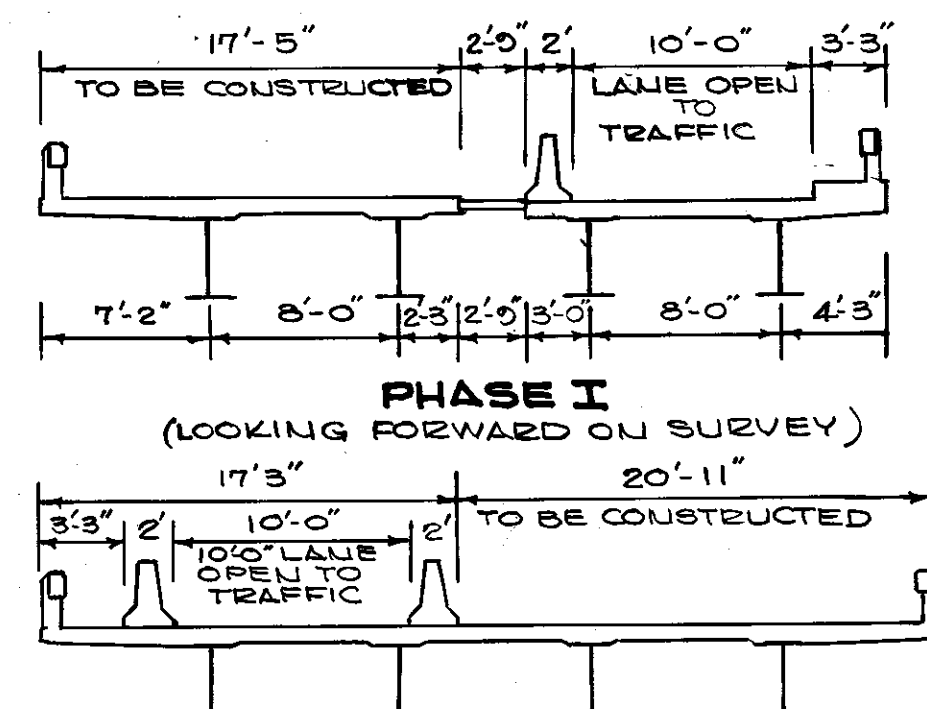
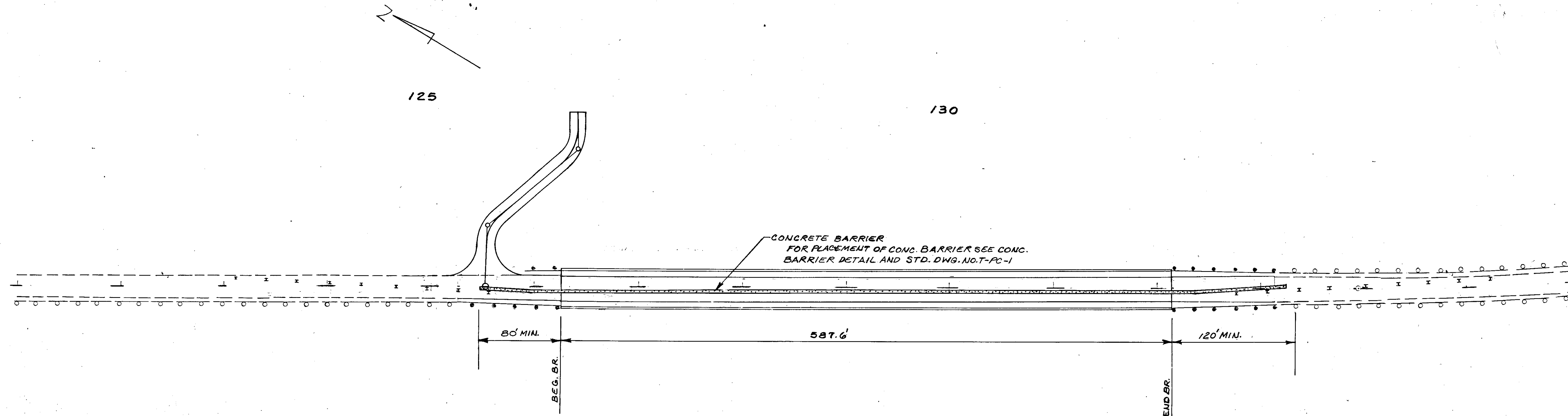
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	1984	BHF-107(1)	2D

* REV. 8-14-84: CHANGED LANE CLOSURE TO LEFT LANE AND DELETED BARRICADES ON BRIDGE.
REV. 8-24-84: ADDED TEMPORARY TRAFFIC SIGNAL SYSTEM TITLE TO THE NOTE, ADDED REVISING LAST PARAGRAPH UNDER TEMPORARY SIGNING NOTE AND
* CHANGED PREVIOUS REVISION DATED 8-16-84 TO 8-14-84.

NOTE:

TEMPORARY TRAFFIC SIGNAL SYSTEM, ITEM NO. 730-40

FOR DETAILS NOT SHOWN SEE STANDARD DRAWING NOS. T-CP-1, T-CP-2 AND T-CP-3.



PHASE I
(LOOKING FORWARD ON SURVEY)

PHASE II
(LOOKING FORWARD ON SURVEY)

CONCRETE BARRIER DETAIL

TEMPORARY SIGNING NOTES

THIS CONSTRUCTION SIGNING IS TO SERVE AS A GUIDE ONLY, OTHER SIGNS MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.

THE SET OF PLANS IS NOT INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

THE CONTRACTOR WILL BE REQUIRED TO PROTECT ALL HAZARDOUS AREAS ALONG ROADWAY WITH SIGNS AND/OR TYPE II BARRICADES.

IT IS THE INTENT THAT NO PAVEMENT UNDER TRAFFIC BE LEFT UNMARKED MORE THAN FIVE (5) WORKING DAYS OR SEVEN (7) CALENDAR DAYS WHICHEVER COMES FIRST. TO ACCOMPLISH THIS, THE CONTRACTOR SHALL APPLY MARKING NOT LATER THAN THE FIRST DAY SUITABLE FOR MARKING FOLLOWING THE ABOVE STATED PERIOD.

"UNMARKED PAVEMENT AHEAD" SIGNS SHALL BE INSTALLED AT THE BEGINNING OF ANY UNMARKED SECTION OF HIGHWAY FOR EACH DIRECTION OF TRAVEL. THE CONTRACTOR SHALL REMOVE THESE SIGNS AFTER THE FINAL SURFACE LAYER IS MARKED. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION). SEE SIGN DETAIL THIS SHEET.

ALL MARKINGS USED SHALL BE INSTALLED TO PERMANENT STANDARDS. THE QUANTITY SHOWN FOR ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (LINE), INCLUDES EDGE LINES FOR THE FINAL SURFACE ONLY AND CENTERLINE FOR ALL LAYERS.

THE PAVEMENT MARKING ON THE LANE SHIFTS FOR EDGELINES WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARD AS FOR PERMANENT MARKING ON THE MAIN ROADWAY. THE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. ALL COST IN INSTALLING THIS PAVEMENT MARKING SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-03.01, REMOVABLE PAVEMENT MARKING (LINE), LIN. FT.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TRAFFIC
CONTROL PLAN
AND
DETAIL**

TENN. STATE HIGHWAY 75
L 49
N
UNO



TYPE	YEAR	PROJECT NO.	SHT. NO.
R.O.W.	1984	BHF-107(1)	3
CONST.	1984	BHF-107(1)	3

REV. 7-20-84: ON SIMPSON TR. REV. DIM. & BEARINGS ON EXIST. PROP. R.O.W. CHANGED BEARING ON PROP. LINE & ADDED WATER LINE & GATE ACROSS ROAD BETWEEN STA. 125+00 AND STA. 126+50 LEFT OF CENTERLINE ON GEO. PARVIN TRACT. & ADJUSTED CENTERLINE TO MEET SURVEY FIELD CONDITIONS. ADDED TRACT NO. 1 AND 2. DELETED PROP. R.O.W. MARKERS.

REV. 8-24-84: ADDED WASTE AREA FOR EXCESS MATERIAL LT. OF STA. 126+50.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT
SCALE 1" = 50'

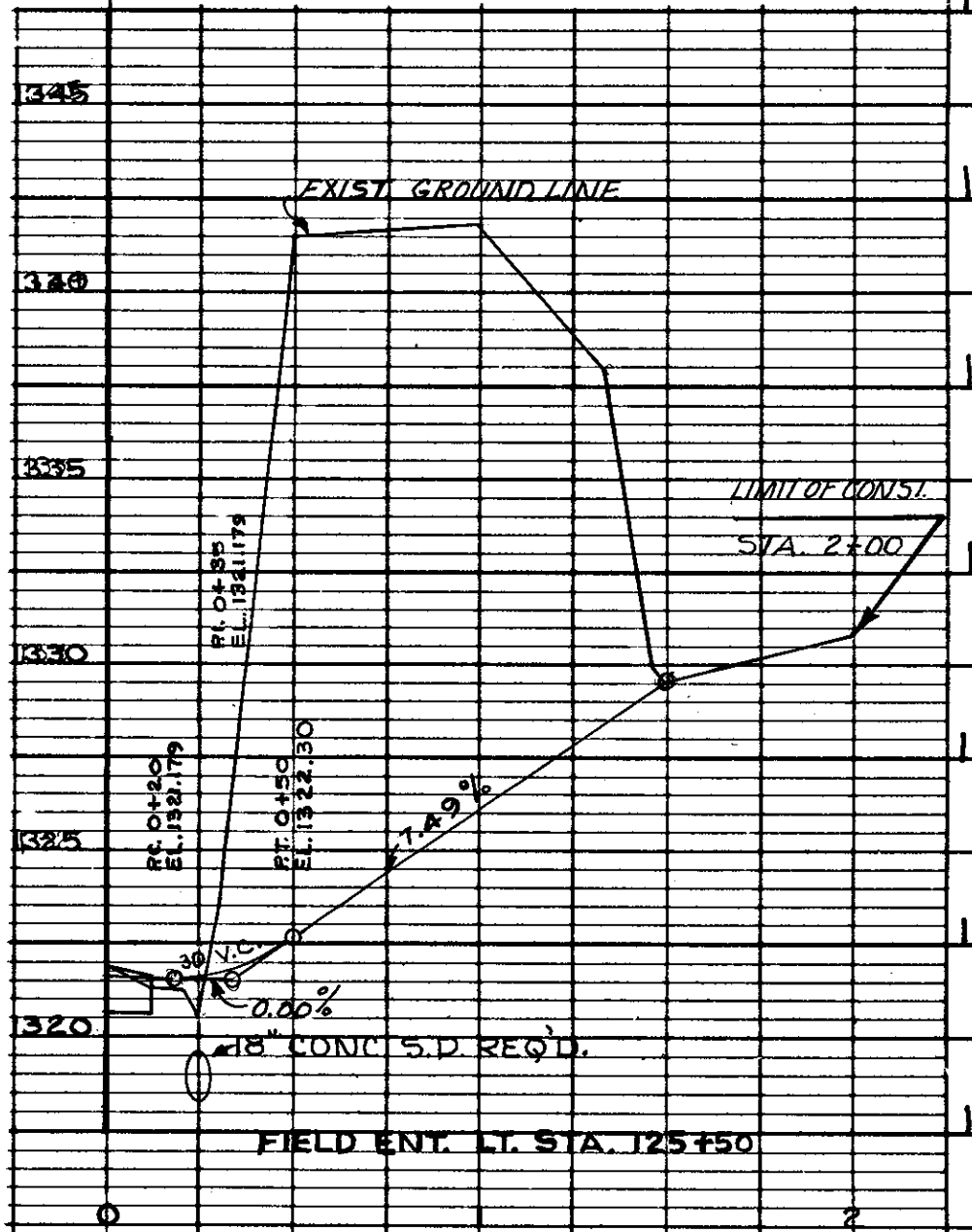
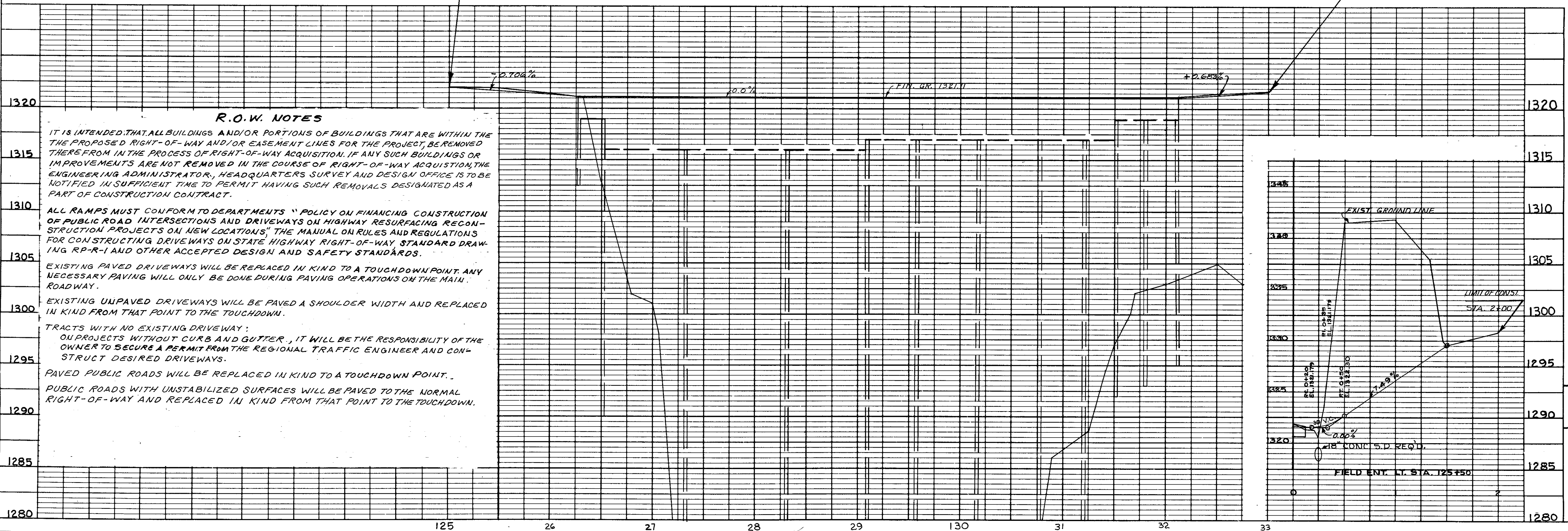
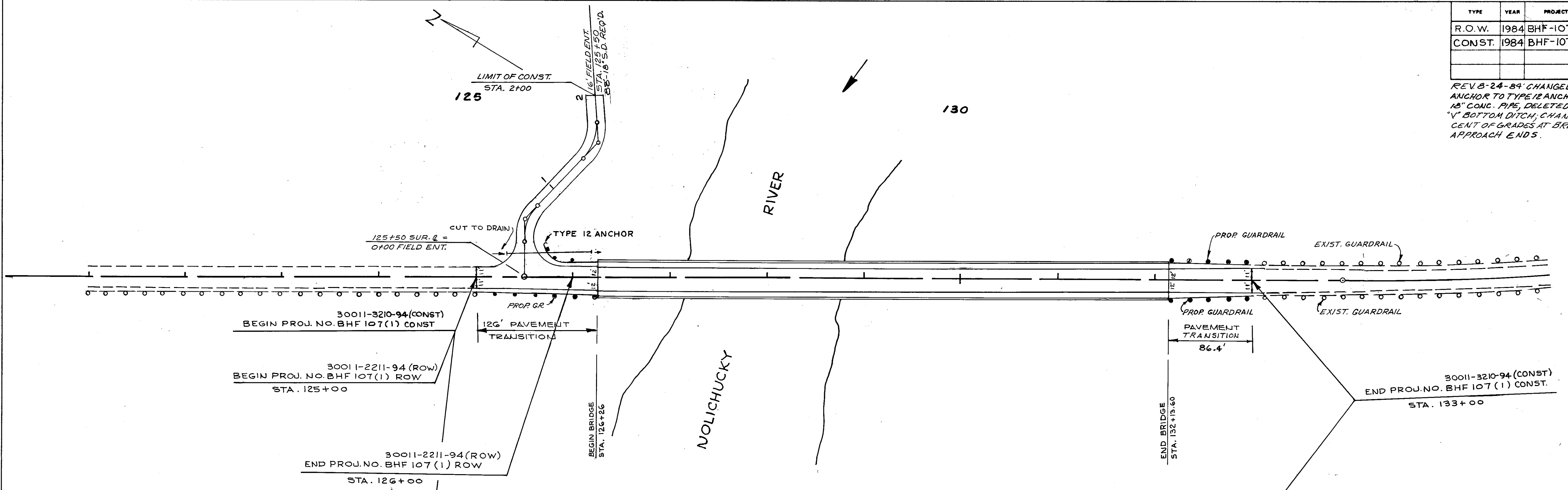
FILE 49
PLAN
DATE
BY
SUPERVISOR
NOTED
NOTE BOOK
NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1984	BHF-107 (1)	3A
CONST.	1984	BHF-107 (1)	3A

REV. 8-24-84 CHANGED IN-LINE ANCHOR TO TYPE 12 ANCHOR, EXTEND 18" CONC. PIPE, DELETED SPECIAL "V" BOTTOM DITCH, CHANGED PERCENT OF GRADES AT BRIDGE APPROACH ENDS.

PLAN
DATE
BY
SUPERVISOR
NOTED
NOTE BOOK
NO.

PROFILE
DATE
BY
SUPERVISOR
NOTED
NOTE BOOK
NO.



R.O.W. NOTES

IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT, BE REMOVED THEREFROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE ENGINEERING ADMINISTRATOR, HEADQUARTERS SURVEY AND DESIGN OFFICE IS TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF CONSTRUCTION CONTRACT.

ALL RAMPS MUST CONFORM TO DEPARTMENTS "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING RECONSTRUCTION PROJECTS ON NEW LOCATIONS" THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY STANDARD DRAWING RP-R-1 AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.

EXISTING PAVED DRIVEWAYS WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT. ANY NECESSARY PAVING WILL ONLY BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.

EXISTING UNPAVED DRIVEWAYS WILL BE PAVED A SHOULDER WIDTH AND REPLACED IN KIND FROM THAT POINT TO THE TOUCHDOWN.

TRACTS WITH NO EXISTING DRIVEWAY:
ON PROJECTS WITHOUT CURB AND GUTTER, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT FROM THE REGIONAL TRAFFIC ENGINEER AND CONSTRUCT DESIRED DRIVEWAYS.

PAVED PUBLIC ROADS WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.
PUBLIC ROADS WITH UNSTABILIZED SURFACES WILL BE PAVED TO THE NORMAL RIGHT-OF-WAY AND REPLACED IN KIND FROM THAT POINT TO THE TOUCHDOWN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

SCALE: 1" = 50' HORIZ.
1" = 5' VERT