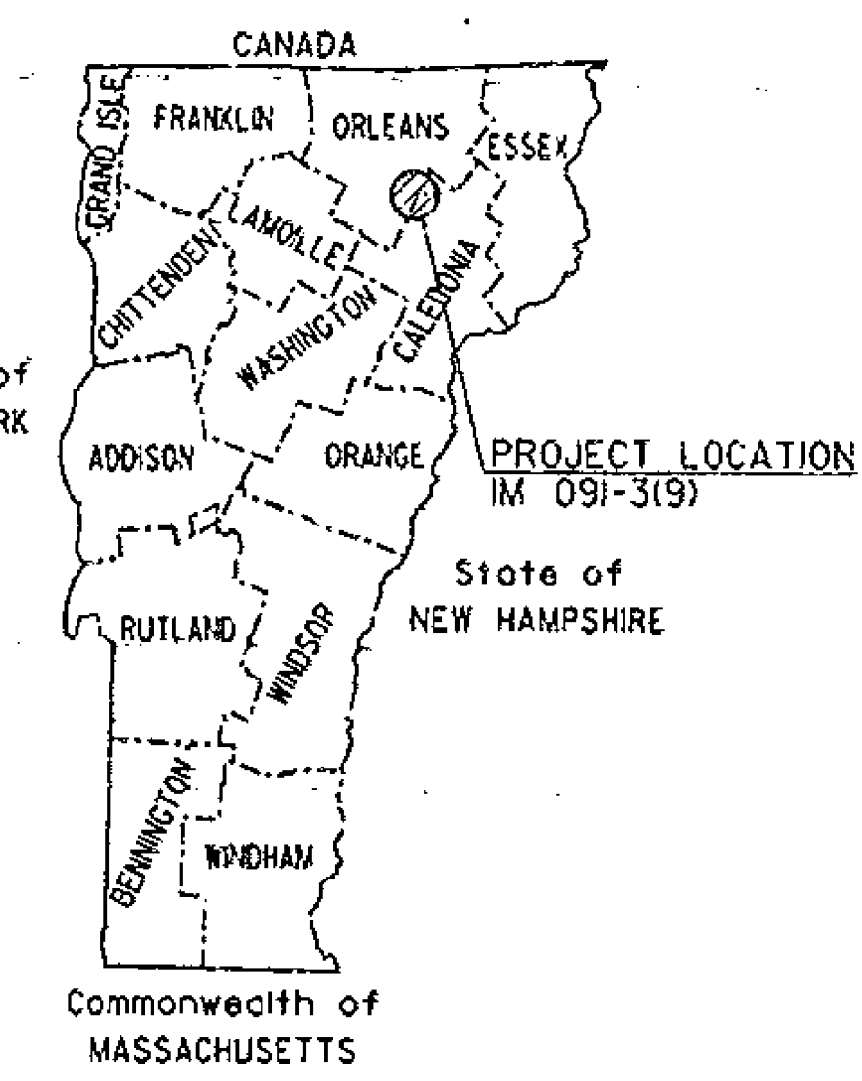


STATE OF VERMONT
AGENCY OF TRANSPORTATION

SEP 03 1997



INDEX OF SHEETS

- 1 TITLE SHEET
- 2 TYPICAL SHEET
- 3 QUANTITY SHEETS
- 4 PAVING PROJECT LAYOUT SHEET
- 5 CONSTRUCTION APPROACH SIGNING



Pike Industries, Inc.
Contractor
[Signature]
State of NEW YORK
Signature
Contracts Administrator
[Signature]
Secretary of Transportation's Signature

PROPOSED IMPROVEMENT
TOWNS OF SHEFFIELD, GLOVER & BARTON
COUNTIES OF CALEDONIA AND ORLEANS
INTERSTATE ROUTE 91

CONTRACT PLANS

THESE PLANS DO NOT REFLECT CHANGES MADE ON THE PROJECT AS "RECORD PLANS" WOULD.

STANDARDS

D-15	PRECAST REINF CONC GRATES	
	CI GRATE W/ FRAME, TYPES D & E	06/01/94
D-16	PRECAST CURB D1 W/GRATE, RCP END SECT., ETC.,	
	CI GRATE, TYPES B & C	06/01/94
E-10	APPROACH SIGNS, MINOR MAINTENANCE	08/08/95
E-100	CONSTRUCTION APPROACH SIGNS	01/06/97
E-101	CONSTRUCTION SIGN DETAILS	03/10/97
E-102	CONSTRUCTION SIGN DETAILS	08/06/95
E-102A	CONSTRUCTION SIGN DETAILS	08/08/95
E-103	MAINLINE TRAFFIC CONTROL	
	DIVIDED HIGHWAY ONE LANE CLOSED	08/08/95
E-105	TRAFFIC CONTROL FOR CONSTRUCTION VEHICLE	
	U-TURNS ON DIVIDED HIGHWAY	08/08/95
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	08/08/95
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	08/08/95
E-107A	BREAKAWAY BARRICADE DETAILS	08/08/95
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS	08/18/95
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95
E-120	STANDARD SIGN PLACEMENT - EXPRESSWAY & FREEWAY	08/08/95
E-191	PAVEMENT MARKING DETAILS	08/18/95
E-192	PAVEMENT MARKING DETAILS	08/18/95
E-193	PAVEMENT MARKING DETAILS	08/18/95

BEGINNING AT STATION 242+528.14 (MM 150.700) ON THE SOUTHBOUND LANE IN THE TOWN OF SHEFFIELD AND EXTENDING NORTHERLY ALONG INTERSTATE 91, A DISTANCE OF 8 529.52 METERS (5.300 MILES) TO STATION 251+057.66 (MM 156.000) ON THE SOUTHBOUND LANE IN THE TOWN OF BARTON AT EXIT 25.

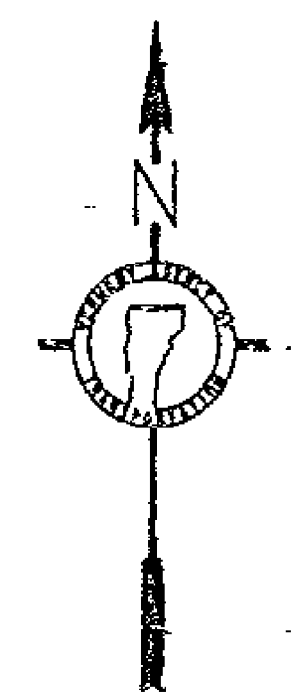
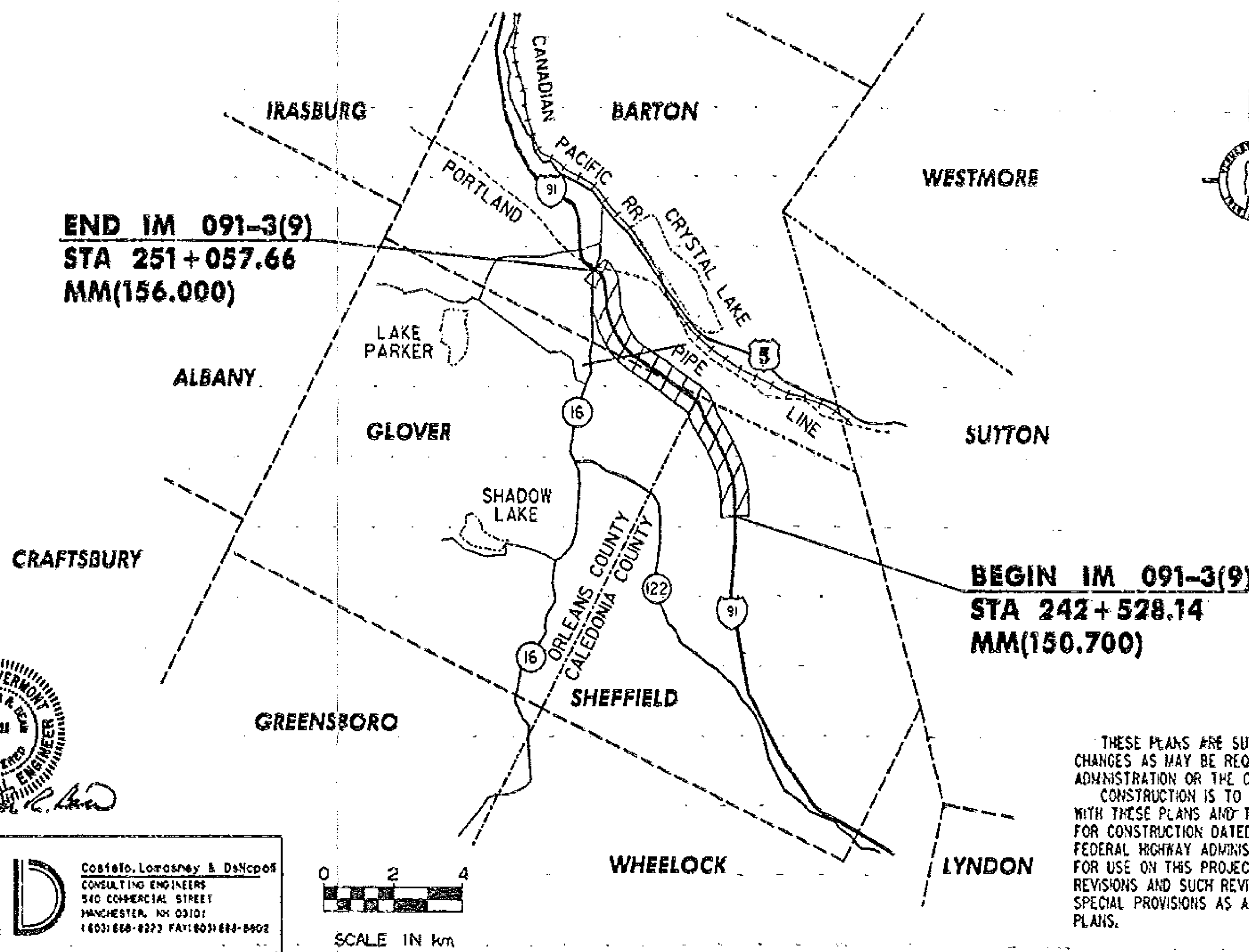
PROJECT DATA

FROM I-91
STA 242+528.14 (MM 150.700) STA 251+057.66 (MM 156.000)
LENGTH OF ROADWAY 8 529.52 METERS (5.300 MILES)
LENGTH OF PROJECT 8 529.52 METERS (5.300 MILES)

TRAFFIC DATA

1998	ADT	=	2190
1998	DIV	=	300
2008	ADT	=	2820
2008	DIV	=	360
1998-2008	ESALS	=	1,647,000

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANNING THE SOUTHBOUND LANE, RESURFACING OF THE EXISTING HIGHWAY WITH A WEAR ING COURSE, AND NEW PAVEMENT MARKINGS.



SHEFFIELD-BARTON
CONTRACT PLANS



RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES.

CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	—x—x—x—
STONE WALL	○○○○○○○○○○
TRAVELED WAY	— — — — —
GUARDRAIL	○ ○ ○ ○ ○
RAILROAD	—+—+—+—+—
SURVEY LINE	—+—+—+—+—
CULVERT	—+—+—+—+—
POWER POLE	○
TELEPHONE POLE	○
TREES	⊗
CONTROL OF ACCESS	///
PROPERTY LINE	—+—+—+—+—
R.O.W. TAKING LINE	—+—+—+—+—
SLOPE RIGHTS	SR
TOP OF CUT	△
TOE OF SLOPE	○

UNLESS OTHERWISE INDICATED, THE DRAWINGS AND DETAILS OF THESE PLANS ARE NOT TO SCALE.

DATUM
VERTICAL N/A
HORIZONTAL N/A

HORIZONTAL CONTROL (STATIONS)
WAS SET BY HOLDING THE ROUTE LOG STATIONING AT PROJECT CONTROL POINTS.

STATE OF VERMONT
REGISTERED PROFESSIONAL ENGINEER
No. 4531

[Signature]

CLD
Cofield, Lonsdale & Donofrio
CONSULTING ENGINEERS
540 COMMERCIAL STREET
MANCHESTER, NH 03101
(603) 668-9277 FAX: (603) 668-8902



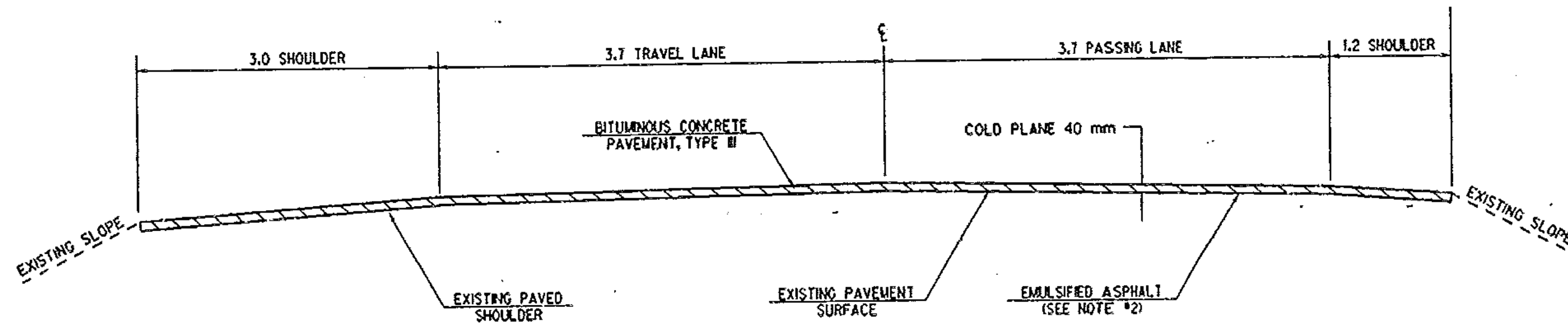
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1995, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 21, 1995 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED *[Signature]* DATE 7/15/97
DIRECTOR OF CONSTRUCTION AND MAINTENANCE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

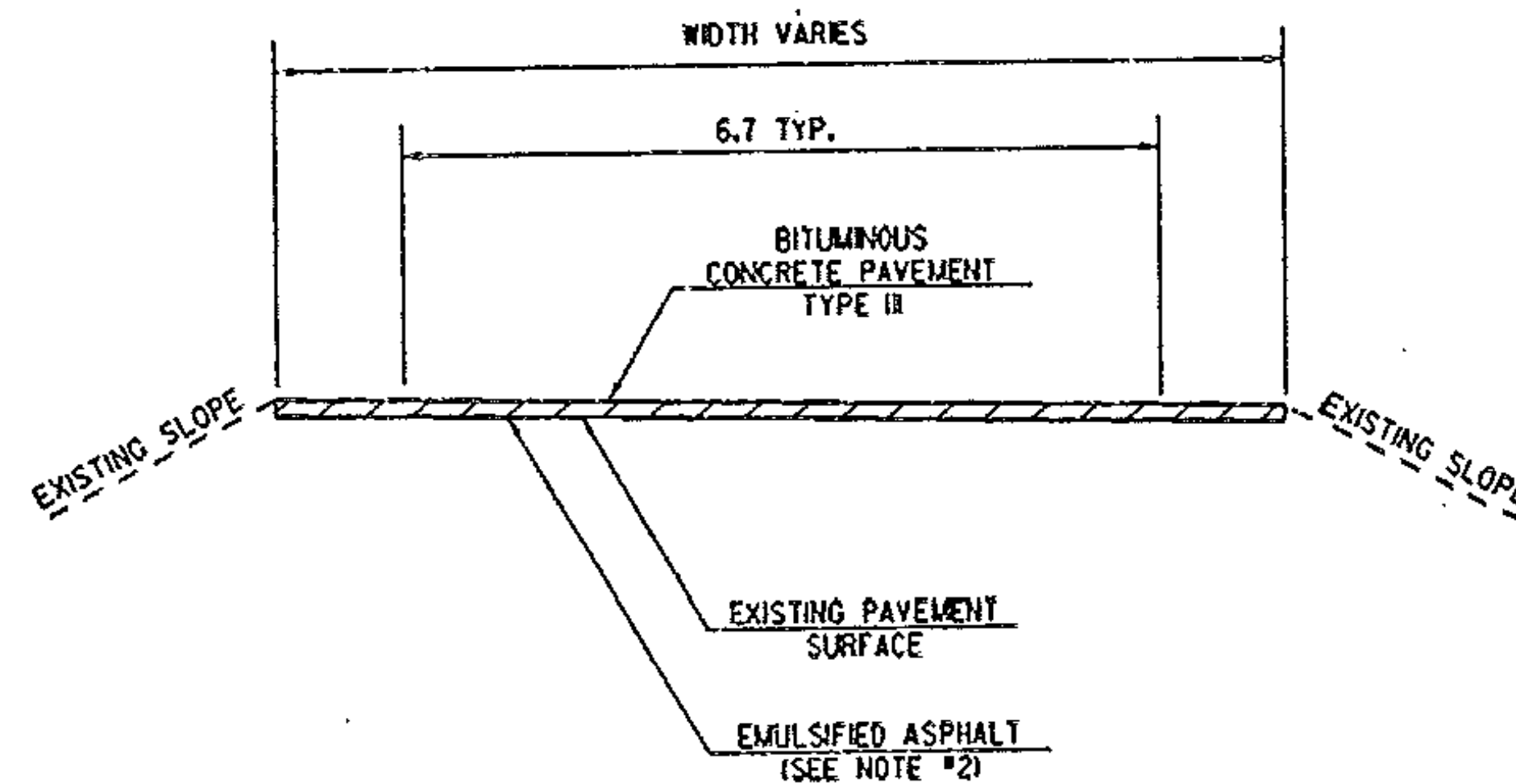
APPROVED *[Signature]* DATE 7/25/97
DIVISION ADMINISTRATOR

PROJECT SHEFFIELD-BARTON IM 091-3(9)
SHEET 1 OF 5 SHEETS

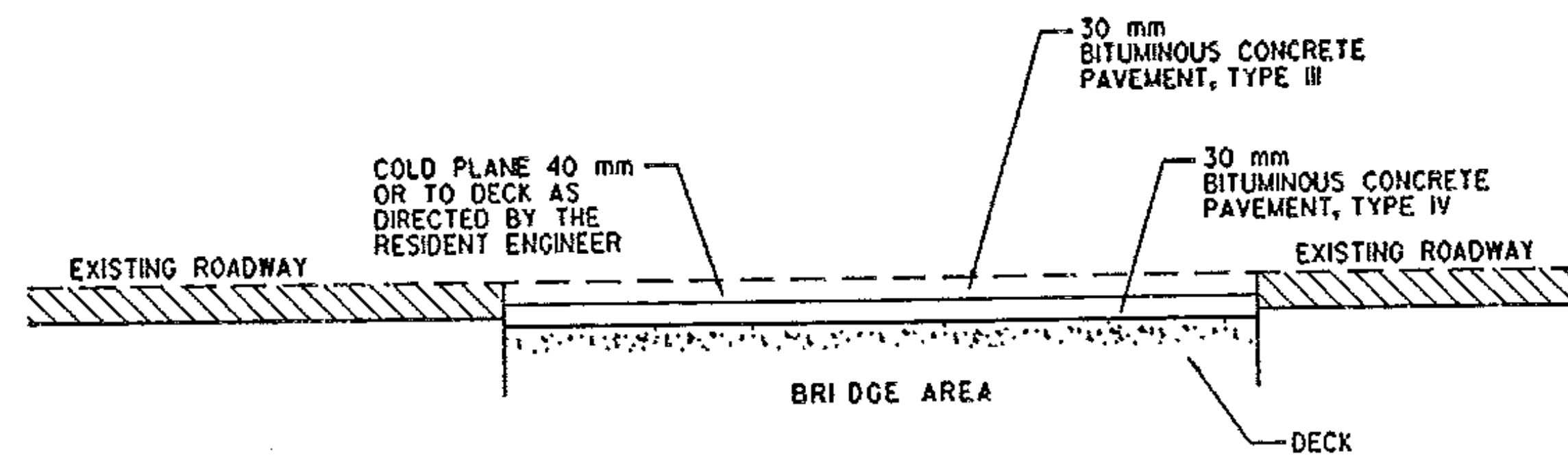


MAINLINE TYPICAL SECTION

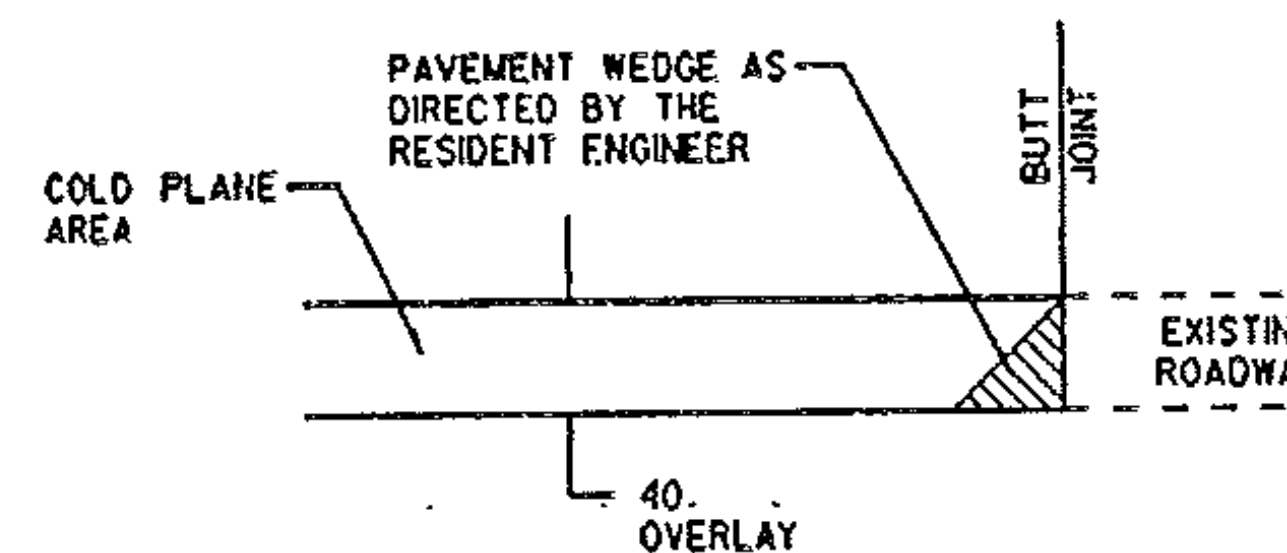
STA 242+528 TO STA 251+058



RAMP PAVEMENT TYPICAL



BRIDGE #102-S COLD PLANE DETAIL

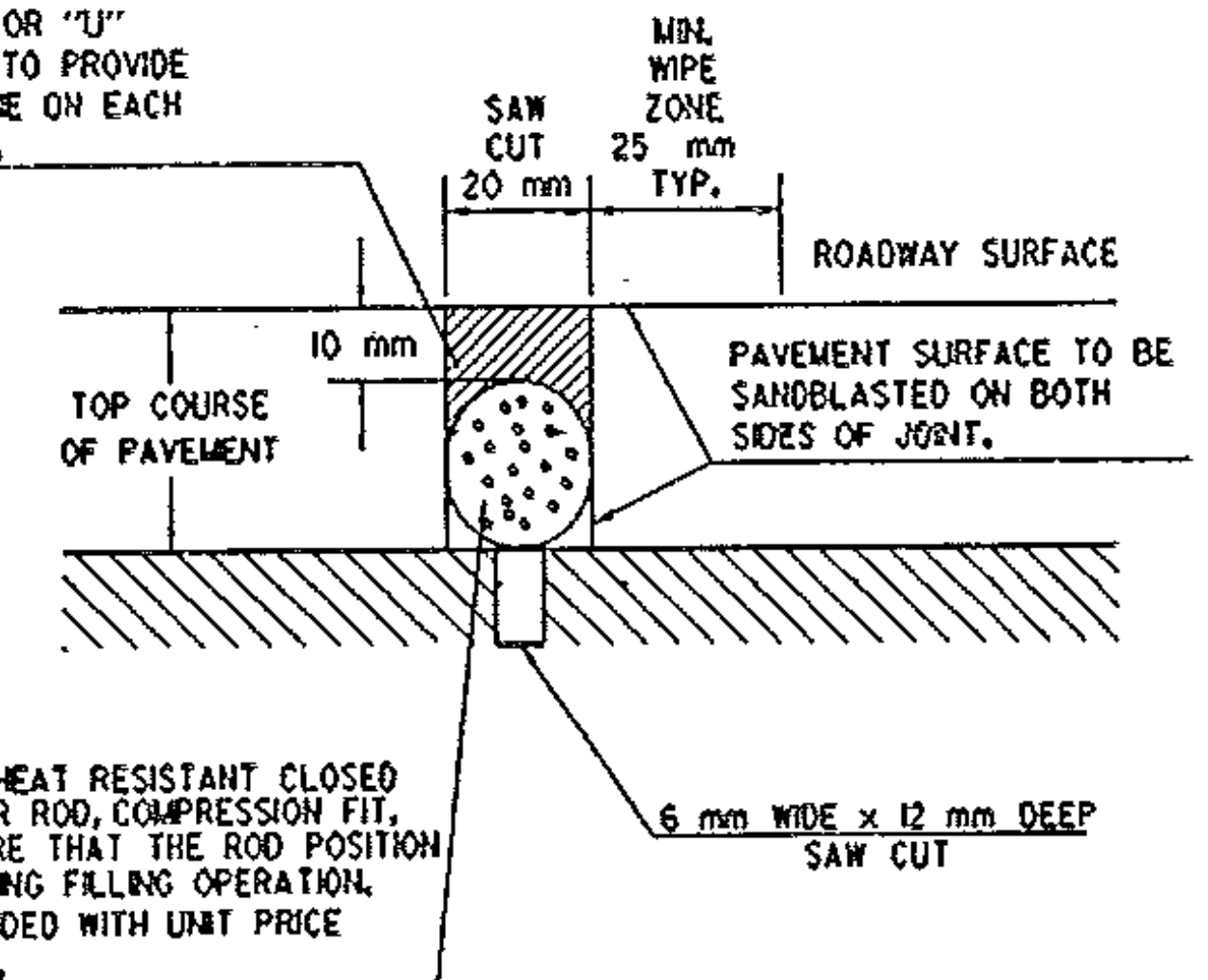


APPROACH AREA DETAIL

LOCATION

STA 242+528 - BEGIN COLD PLANING
 STA 250+587 - BEGINNING OF RAMP
 STA 251+058 - END COLD PLANING

JOINT SEALER, HOT OR COLD POURED, SHALL BE SLIGHTLY OVER FILLED, THEN WIPED FLUSH WITH A "V" OR "U" SHAPED SOUEEGEE TO PROVIDE A 25 mm WIFE ZONE ON EACH SIDE OF THE JOINT.



SAW CUT JOINT DETAIL

LOCATION: BARTON STA 250+947 (11.6 m)

NOTE:

JOINT IS TO BE LOCATED ACCURATELY BY STRING LING OR BY OTHER MEANS PRIOR TO PAVING, SO THAT THE SAW CUT WILL BE MADE DIRECTLY OVER THE END OF THE CONCRETE DECK. THE JOINT SHALL BE CUT DRY IN A SINGLE PASS AND BE SEALED PRIOR TO EXPOSURE TO TRAFFIC. THE JOINT SHALL BE CLEANED PRIOR TO APPLYING THE JOINT SEALER - SEE VERMONT SPECIFICATION 524 AND SPECIAL PROVISIONS.

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE III. ALL LIQUID ASPHALT USED IN BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.07 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE ± 5 mm +/- (TOTAL THICKNESS EXCLUDING LEVELING COURSE).
4. COLD PLANING SHALL BE COMPLETED ACCORDING TO TYPICAL OR AS DENOTED OTHERWISE ON THE PLANS.

NOTE: ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	
HORIZONTAL	

PROJECT TYPICAL SHEET	PROJECT: SHEFFIELD-BARTON	PROJECT NO.: IM 091-3(9)
	DESIGN FILE NAME: /dave/97a018/pa018.dgn	
	IPARM FILE NAME: /dave/97a018/pa018ty.d	PLOT DATE: 28-JUL-1997
	SURVEYED BY: ctq/nc	SURVEY DATE: 4/97
	SQUAD LEADER: JAW	DRAWN BY: NLL
		SHEET: 2 OF 5

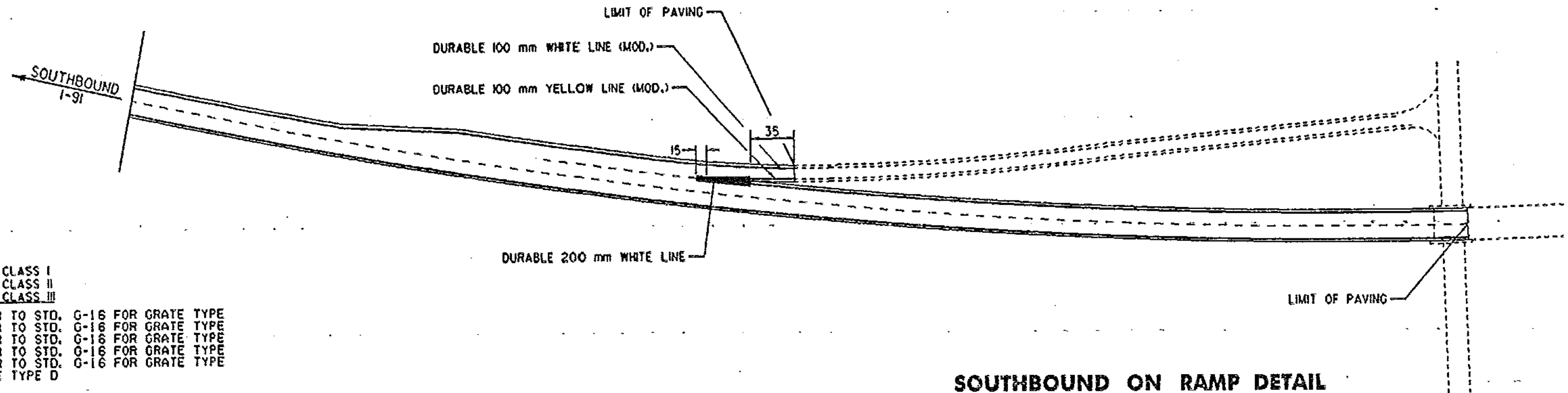
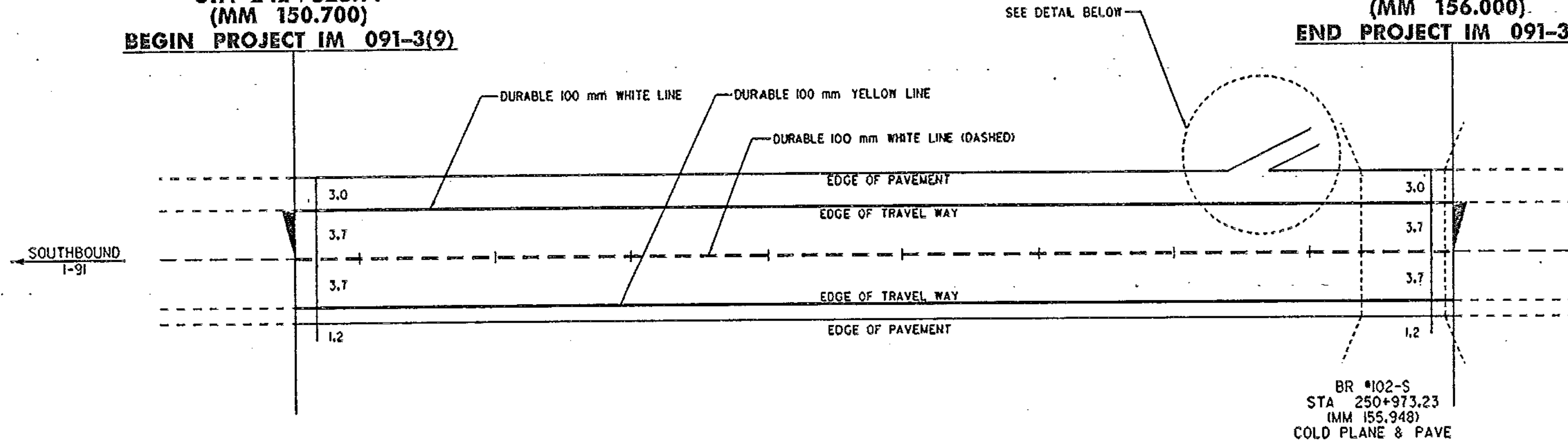
TEMPORARY AND DURABLE 100 mm YELLOW LINE (MOD.)
 STA 242+528 TO 251+058 SOLID RT
 SOUTHBOUND ON RAMP 35 m SOLID LT

TEMPORARY AND DURABLE 100 mm WHITE LINE (MOD.)
 STA 242+528 TO 251+058 SOLID LT
 STA 242+528 TO 251+058 DASHED CL
 SOUTHBOUND ON RAMP 70 m GORE DETAIL
 SOUTHBOUND ON RAMP 245 m DASHED LANE LINE

TEMPORARY AND DURABLE 200 mm WHITE LINE
 SOUTHBOUND ON RAMP 60 m SOLID LT
 MAINLINE 75 m SOLID LT

**US ROUTE 91
 SOUTHBOUND
 STA 242+528.14
 (MM 150.700)
 BEGIN PROJECT IM 091-3(9)**

**US ROUTE 91
 SOUTHBOUND
 STA 251+057.66
 (MM 156.000)
 END PROJECT IM 091-3(9)**



CHANGING ELEV. OF DI, CB OR MH
 REHABILITATION OF DI, CB OR MH, CLASS I
 REHABILITATION OF DI, CB OR MH, CLASS II
 REHABILITATION OF DI, CB OR MH, CLASS III

STA 242+454	LT - REFER TO STD.	G-16 FOR GRATE TYPE
STA 242+515	LT - REFER TO STD.	G-16 FOR GRATE TYPE
STA 242+592	LT - REFER TO STD.	G-16 FOR GRATE TYPE
STA 242+671	LT - REFER TO STD.	G-16 FOR GRATE TYPE
STA 242+821	LT - REFER TO STD.	G-16 FOR GRATE TYPE
STA 250+941	LT - GRATE TYPE D	

SOUTHBOUND ON RAMP DETAIL

NOT TO SCALE

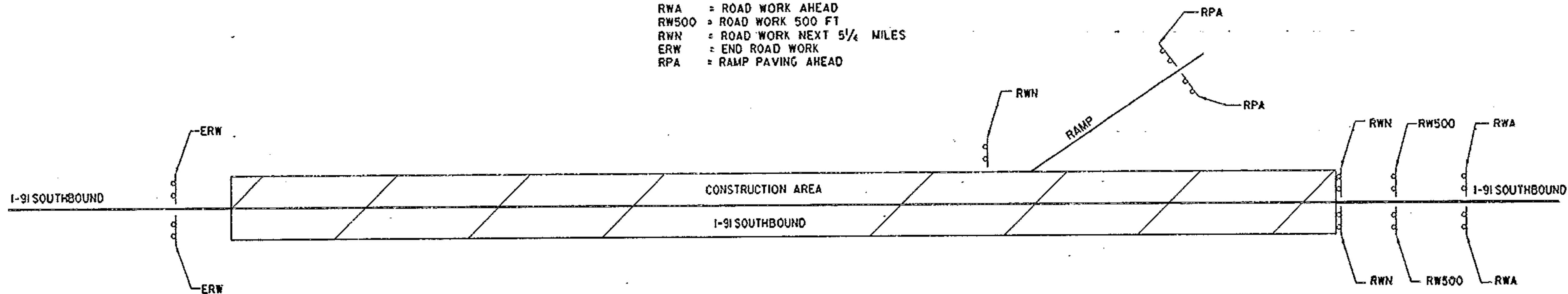
ALL DIMENSIONS IN METERS EXCEPT AS INDICATED

DATUM	
VERTICAL	
HORIZONTAL	

PAVING PROJECT LAYOUT	PROJECT: SHEFFIELD-BARTON	PROJECT NO.: IM 091-3(9)
	DESIGN FILE NAME: /pave/91a018/pa018.dgn	PLOT DATE: 16-JUL-1997
	PARM FILE NAME: /pave/91a018/pa01801.d	SURVEY DATE: 4/97
	SURVEYED BY: CLOJnc	DRAWN BY: NLL
	SQUAD LEADER: JAW	SHEET: 4 OF 5

LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500 FT
- RWN = ROAD WORK NEXT 5/4 MILES
- ERW = END ROAD WORK
- RPA = RAMP PAVING AHEAD



CONSTRUCTION APPROACH SIGNING

NOT TO SCALE
SEE STD. E-100 FOR SIGN PLACEMENT

US HIGHWAY NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500'	ROAD WORK NEXT 5/4 MILES	RAMP PAVING AHEAD	OTHER
I-91 SOUTHBOUND						
SOUTHBOUND ON RAMP				1	2	
BEGINNING OF PROJECT	2		2	2		
END OF PROJECT		2				
TOTAL	2	2	2	3	2	

DATUM _____
VERTICAL _____
HORIZONTAL _____

CONSTRUCTION APPROACH SIGNING	PROJECT: SHEFFIELD-BARTON	PROJECT NO.: IM 091-3(9)
	DESIGN FILE NAME: /dave/97a018/pa018.dgn	PLOT DATE: 16-JUL-1997
	PARM FILE NAME: /dave/97a018/pa018ca1	SURVEY DATE: 4/97
	SURVEYED BY: CLO mg	DRAWN BY: NLL
	SQUAD LEADER: JAW	SHEET: 5 OF 5