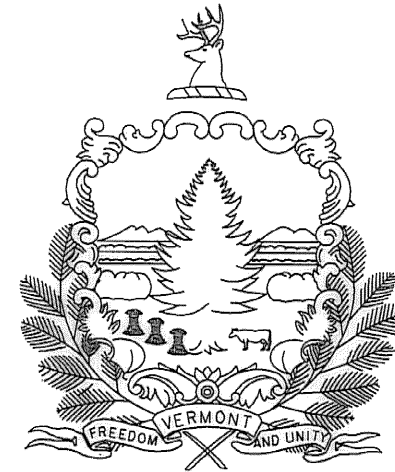


INDEX OF SHEETS
SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



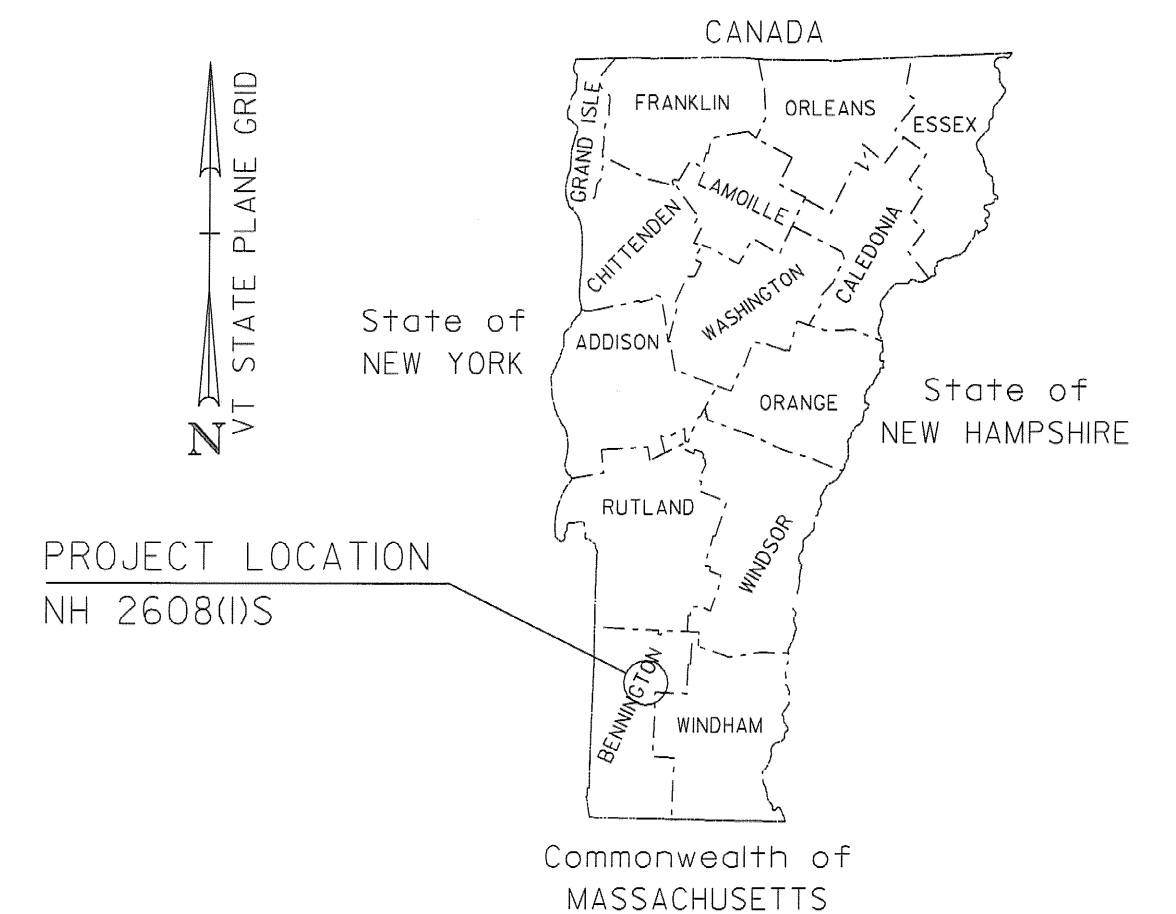
PROPOSED IMPROVEMENT
TOWNS OF MANCHESTER AND DORSET
COUNTY OF BENNINGTON
U.S. ROUTE 7

BEGINNING IN THE TOWN OF MANCHESTER ON U.S. ROUTE 7 AT MILE MARKER 4.616 = STA. 243+72.48 AND EXTENDING NORTHERLY
FOR A DISTANCE OF 24,546.72 FEET (4.649 MILES) TO A POINT IN THE TOWN OF DORSET AT MILE MARKER 1.745 = STA. 92+13.60.

LENGTH OF ROADWAY 24,546.72 FT (4.649 MILES)

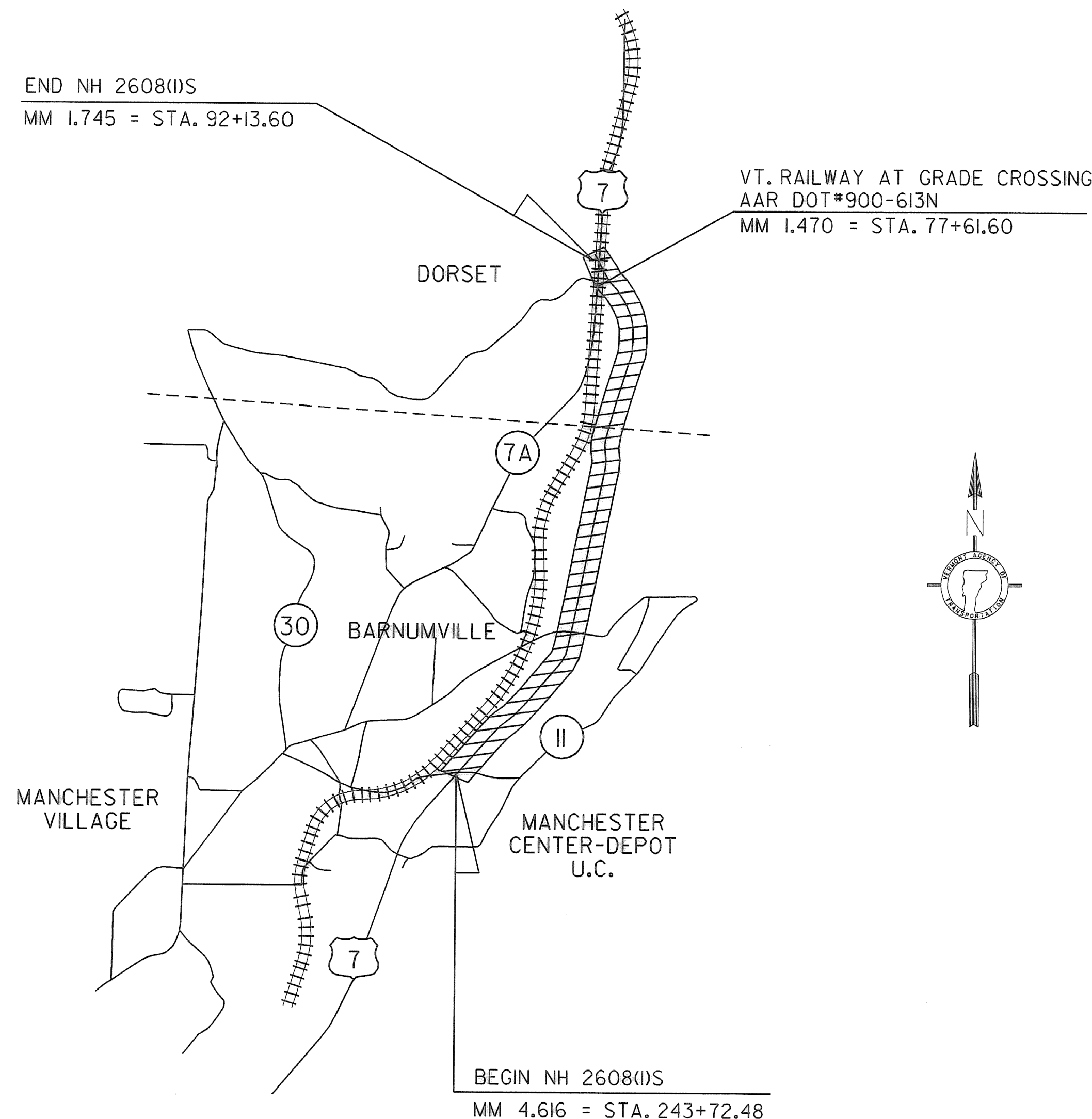
LENGTH OF PROJECT 24,546.72 FT (4.649 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH A SHIM/LEVELING COURSE AND WEARING COURSE
NEW PAVEMENT MARKINGS, DRAINAGE IMPROVEMENTS, GUARDRAIL IMPROVEMENTS, RAILROAD GRADE CROSSING IMPROVEMENTS, NEW SIGNS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	1,049,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-28

RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	TIM POKETTE
CONSTRUCTION BEGAN:	JULY 23, 2008
CONSTRUCTION COMPLETE:	MAY 5, 2009
RECORD PLANS BY:	TIM POKETTE & N. GARBACIK
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	RESIDENT ENGINEER
DATE	11-05-09
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	



LOCATION	ADT		DHV		ESALS	ESALS
	2007	2017	2007	2017	2007-2017	2007-2017
MANCHESTER - DORSET	3000	3400	340	385	888,000	2,099,000

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE DIRECTOR OF PROGRAM
DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED DATE 5-7-08
PROJECT MANAGER : TED DOMEY	
PROJECT NAME : MANCHESTER - DORSET	
PROJECT NUMBER : NH 2608 (1) S	
SHEET 1 OF 78 SHEETS	

CONVENTIONAL SYMBOLS

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---X---
POINT OF ACCESS	X
FENCE LINE	---X---
STONE WALL	---X---
TRAVELED WAY	---X---
GUARD RAIL	---X---
RAILROAD	---X---
SURVEY LINE	---X---
CULVERT	---X---
POWER POLE	---X---
TELEPHONE POLE	---X---
TREES	---X---
CONTROL OF ACCESS	---X---
PROPERTY LINE	---X---
R.O.W. TAKING LINE	---X---
SLOPE RIGHTS	---X---
TOP OF CUT	---X---
TOE OF SLOPE	---X---

PLANS PREPARED BY



BY: Dale E. Gogalkowski

SURVEYED BY: NA
SURVEYED DATE: NA

DATUM
VERTICAL: NA
HORIZONTAL: NA

INDEX OF SHEETS

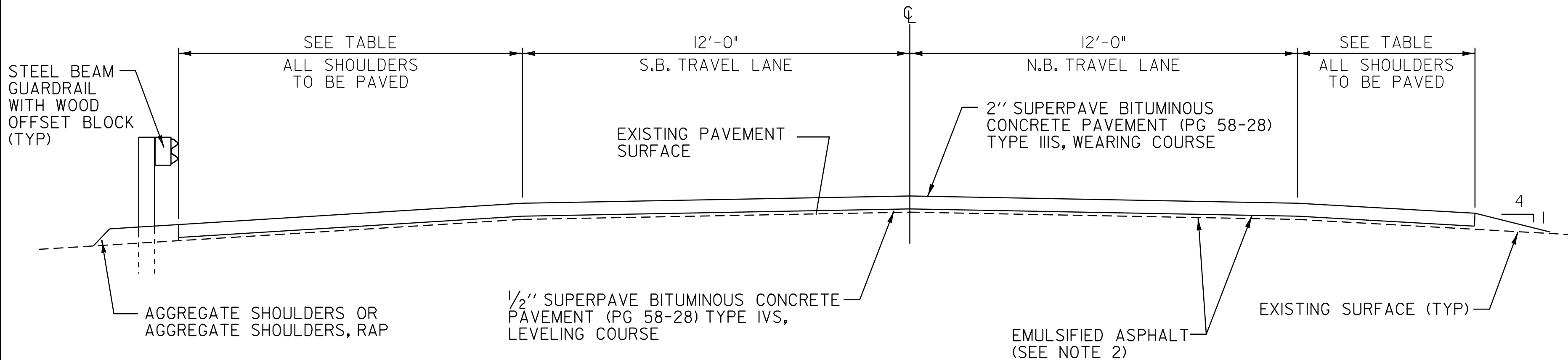
1	TITLE SHEET
2	INDEX OF SHEETS
3-4	PROJECT TYPICAL SHEETS
5-6	PAVING DETAILS SHEETS
7-9	QUANTITY SHEETS
10-12	ITEM DETAIL SUMMARY SHEETS
13-31	PROJECT LAYOUT SHEETS
32	INTERCHANGE NO. 4 SIGNING DETAIL SHEET
33-60	TRAFFIC SIGN SUMMARY SHEETS
61-63	TRAFFIC SIGN DETAIL SHEETS
64-65	TRAFFIC SIGN CROSS SECTION SHEETS
66-67	GUARDRAIL APPROACH SECTION DETAIL SHEETS
68-72	BRIDGE DETAIL SHEETS
73	SNOW BARRIER DETAIL SHEET
74	RAILROAD GRADE CROSSING PLAN
75-76	CONCRETE GRADE CROSSING DETAILS
77	MILLED RUMBLE STRIP DETAIL SHEET
78	MISCELLANEOUS DETAILS SHEET

VAOT STANDARDS

C-1	01-03-00
D-6	06-01-94
D-9	06-01-94
D-11	06-01-94
D-15	06-01-94
D-30	08-13-07
E-100	01-02-04
E-101	05-30-03
E-102	06-30-03
E-102A	05-01-04
E-106	03-01-04
E-107A	08-08-95
E-110	08-08-95
E-111	03-11-97
E-120	08-08-95
E-121	08-08-95
E-123	03-16-04
E-126	02-01-00
E-130	08-08-95
E-131	08-08-95
E-132	08-18-95
E-133	08-08-95
E-134	08-08-95
E-136A	08-08-95
E-136B	08-08-95
E-138	05-30-03
E-141	09-20-95
E-142	09-20-95
E-143	06-15-04
E-144	03-29-99
E-145B	12-23-94
E-146	09-20-04
E-150	05-01-04
E-151	05-01-04
E-152	05-01-04
E-153B	05-30-03
E-154	05-01-04
E-155	05-01-04
E-160	05-20-99
E-161	08-18-95
E-163	05-20-99
E-164	05-20-99
E-190	06-30-03
E-191	02-01-99
E-192	10-12-00
E-193	08-18-95
E-197	04-01-05
E-198	04-01-05
G-1	01-03-00
G-1D	01-03-00
G-19	11-15-02
SB-R6-82	01-06-95

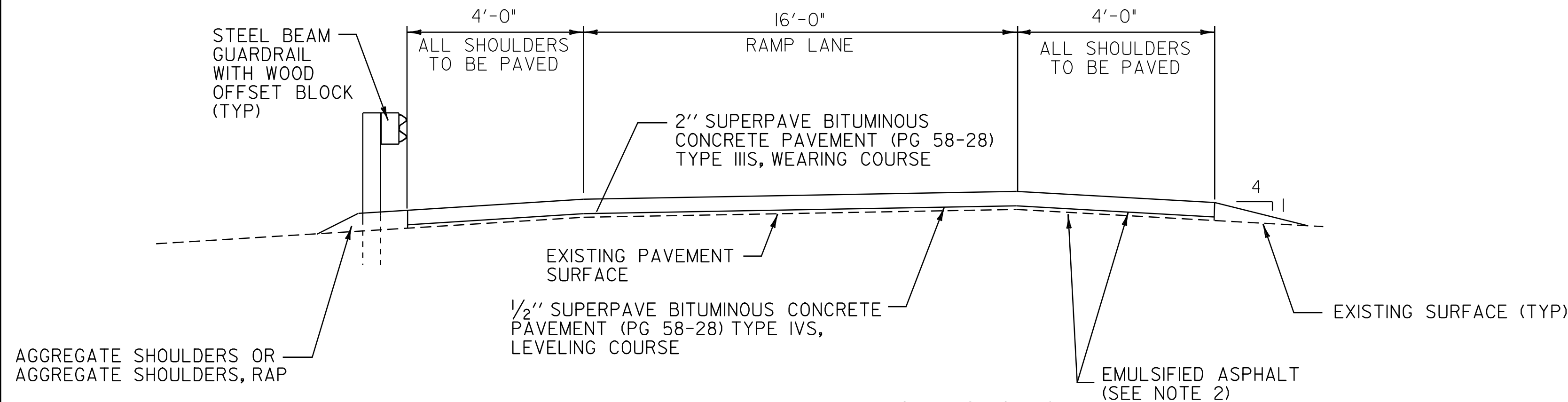
NOT TO SCALE

INDEX OF SHEETS	PROJECT NAME: MANCHESTER - DORSET	
	PROJECT NUMBER: NH 2608(1)S	
	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b0401s.i	PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: C.A.K. CHECKED BY: D.W.E. SHEET 2 OF 78



MAINLINE TYPICAL SECTION

MANCHESTER STA. 243+72.48.00 TO MANCHESTER STA. 397+05.06
DORSET STA. 0+00.00 TO DORSET STA. 92+13.60



RAMP TYPICAL SECTION

RAMP C STA. C0+00.00 TO STA. C11+15.00
RAMP D STA. D0+00.00 TO STA. D17+21.00
RAMP E STA. E0+00.00 TO STA. E11+22.00

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
MANCHESTER:						
U.S. ROUTE 7	243+72.48	244+66.00	3'-0" - 12'-0" - 12'-0" - 10'-0"	2"	14	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	244+66.00	246+96.00	3'-0" - 12'-0" - 12'-0" - 10'-0"	1 1/4"	-	BR 27 COLD PLANE 1/4", PAVE WITH 1/4" TYPE IVS
U.S. ROUTE 7	246+96.00	268+95.00	VARIES - SEE LAYOUT	2"	333	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	268+95.00	370+81.00	10'-0" - 12'-0" - 12'-0" - 10'-0"	2"	1399	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	370+81.00	397+05.06	VARIES - SEE LAYOUT	2"	385	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
RAMP C	C0+00.00	C11+15.00	4'-0" - 16'-0" - 4'-0"	2"	42	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
RAMP D	D0+00.00	D17+21.00	4'-0" - 16'-0" - 4'-0"	2"	129	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
RAMP E	E0+00.00	E11+22.00	4'-0" - 16'-0" - 4'-0"	2"	84	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
DORSET:						
U.S. ROUTE 7	0+00.00	21+75.00	VARIES - SEE LAYOUT	2"	320	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	21+75.00	39+25.00	10'-0" - 12'-0" - 12'-0" - 10'-0"	2"	240	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	39+25.00	68+25.00	VARIES - SEE LAYOUT	2"	438	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	68+25.00	69+09.00	4'-0" - 11'-0" - 12'-0" - 12'-0" - 10'-0"	1 1/4"	-	BR 30 COLD PLANE 1/4", PAVE WITH 1/4" TYPE IVS
U.S. ROUTE 7	69+09.00	73+54.00	VARIES - SEE LAYOUT	2"	72	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S. ROUTE 7	73+54.00	74+34.00	VARIES - SEE LAYOUT	1 1/4"	-	BR 31 COLD PLANE 1/4", PAVE WITH 1/4" TYPE IVS
U.S. ROUTE 7	74+34.00	77+55.60	VARIES - SEE LAYOUT	2"	55	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S ROUTE 7	77+55.60	77+69.60	VARIES - SEE LAYOUT	-	-	VERMONT RAILWAY, AAR DOT*900-613N (SEE SHEET 74)
U.S ROUTE 7	77+69.60	90+07.00	VARIES - SEE LAYOUT	2"	235	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS
U.S ROUTE 7	90+07.00	90+19.00	VARIES - SEE LAYOUT	1 1/4"	-	BR 46 COLD PLANE 1/4", PAVE WITH 1/4" TYPE IVS
U.S ROUTE 7	90+19.00	92+13.60	VARIES - SEE LAYOUT	2"	24	LEVEL WITH 1/2" TYPE IVS & PAVE WITH 2" TYPE IIIS

NOTES

- THE WEARING COURSE SHALL BE TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
- COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP. ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS HAVE BEEN USED WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
- ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS AND AROUND DROP INLETS ETC.) SHALL BE PAID FOR AT THE CONTRACT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28).
- EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL AND 25 CUBIC YARDS OF EARTH BORROW FOR EACH GUARDRAIL TERMINAL.
- AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.

CONSERVATION SEED MIX

		RURAL AREA - SEED MIXTURE		
% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED: TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER: FORMULA 10-20-10 TO BE USED WITH SEED APPLIED AT THE RATE OF 500 LBS/ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH: TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

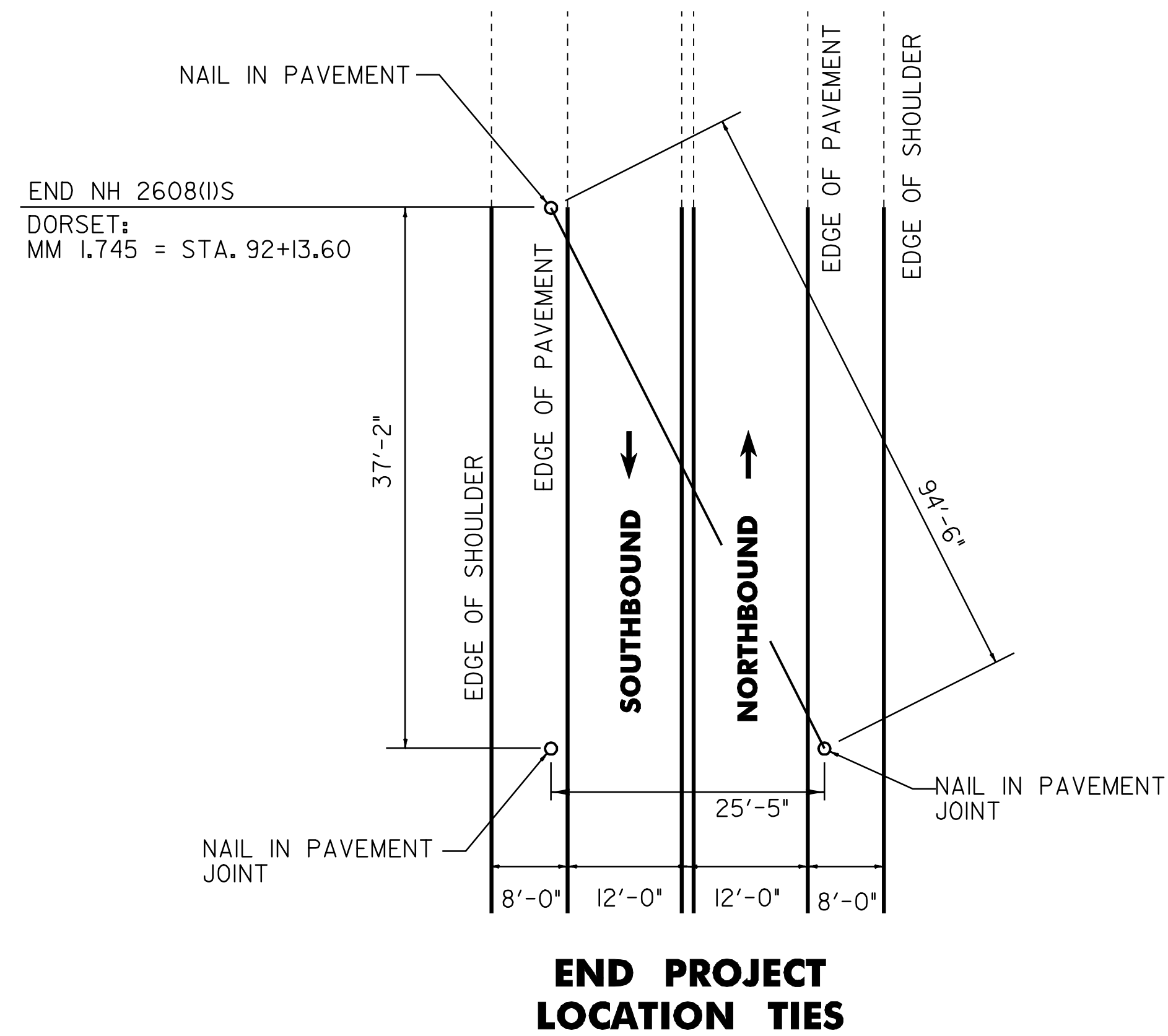
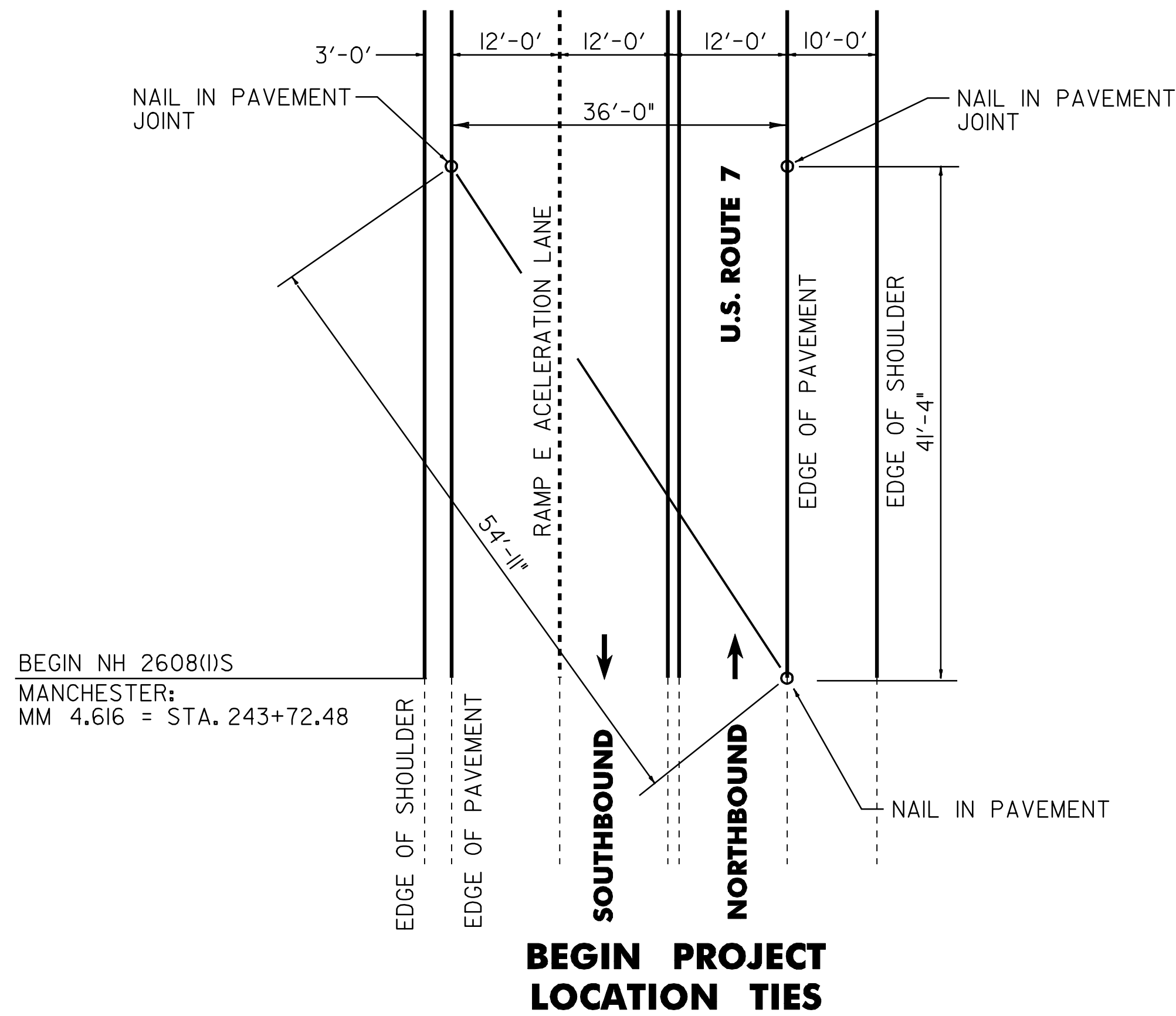
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PROJECT
TYPICAL
SHEET #1

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: J.S.P.
IPARM FILE: p06b040p+sl.1
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.E.G.
SHEET 3 OF 78



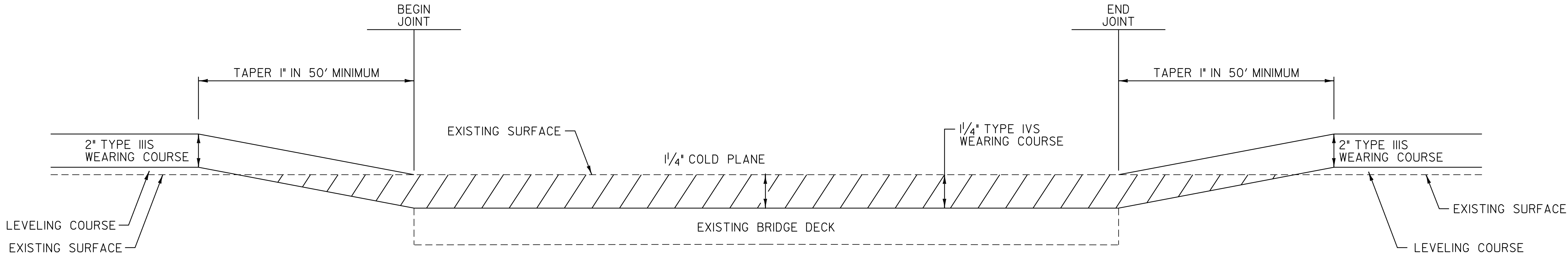
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**PROJECT
TYPICAL
SHEET #2**

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040pts2.i

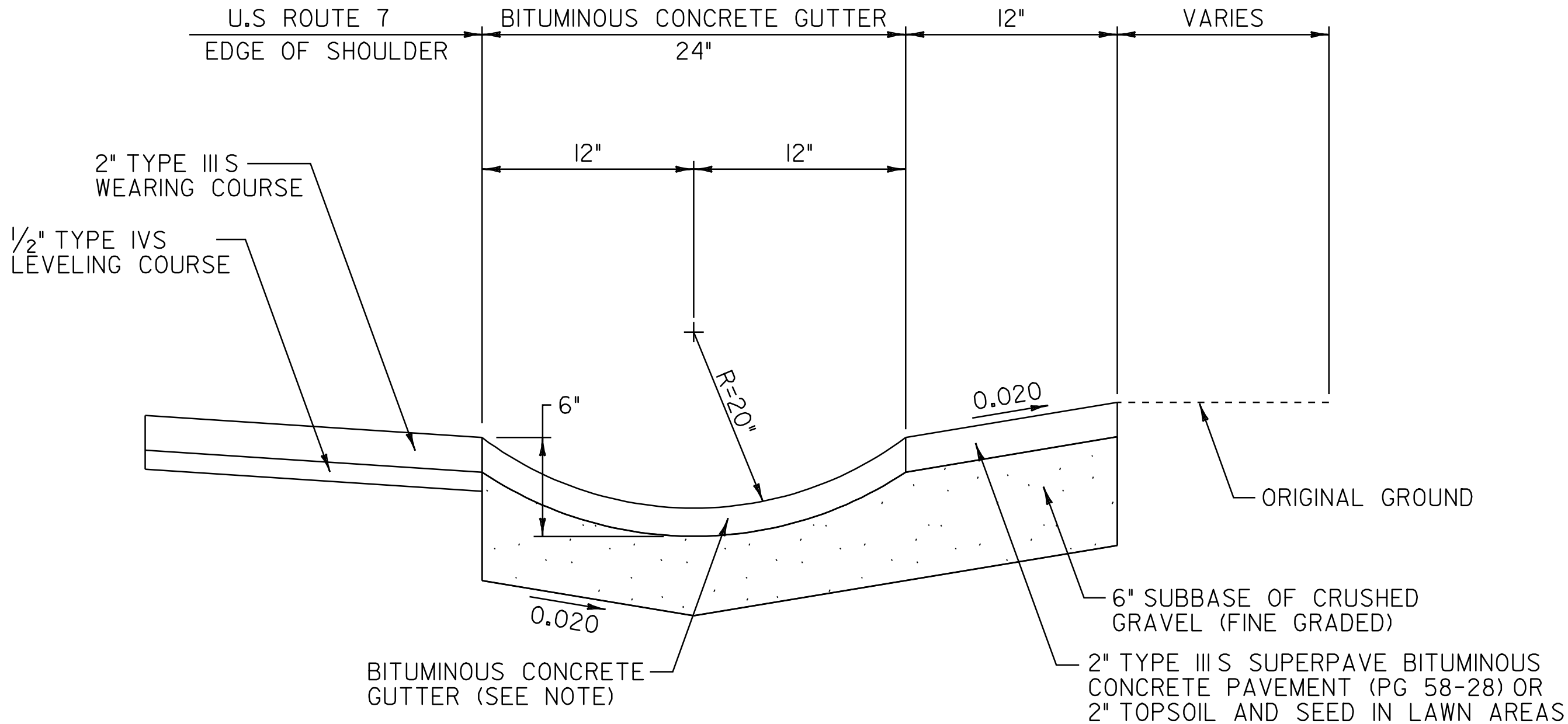
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 4 OF 78



BRIDGE TRANSITION AREA DETAIL

BR 27 U.S. ROUTE 7 MANCHESTER STA. 244+66 TO MANCHESTER STA. 246+96
BR 30 U.S. ROUTE 7 DORSET STA. 68+25 TO DORSET STA. 69+09
BR 31 U.S. ROUTE 7 DORSET STA. 73+54 TO DORSET STA. 74+34
BR 46 U.S. ROUTE 7 DORSET STA. 90+07 TO DORSET STA. 90+19

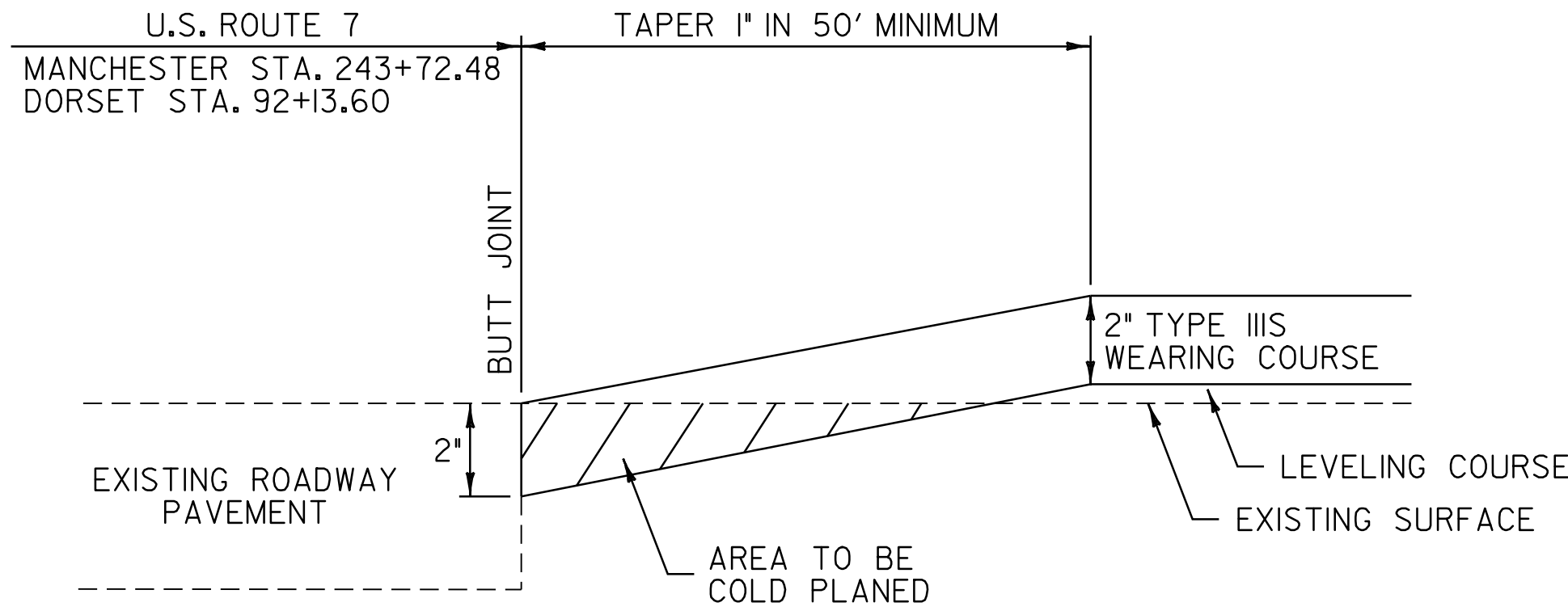
NOTE:
THE CONTRACTOR MUST USE CARE WHEN COLD PLANING AS NOT TO DAMAGE THE BRIDGE MEMBRANE. IF DAMAGE TO THE MEMBRANE SHOULD OCCUR DURING COLD PLANING, THE CONTRACTOR SHALL REPAIR THE BRIDGE MEMBRANE AT NO COST TO THE STATE.



BITUMINOUS CONCRETE GUTTER DETAIL

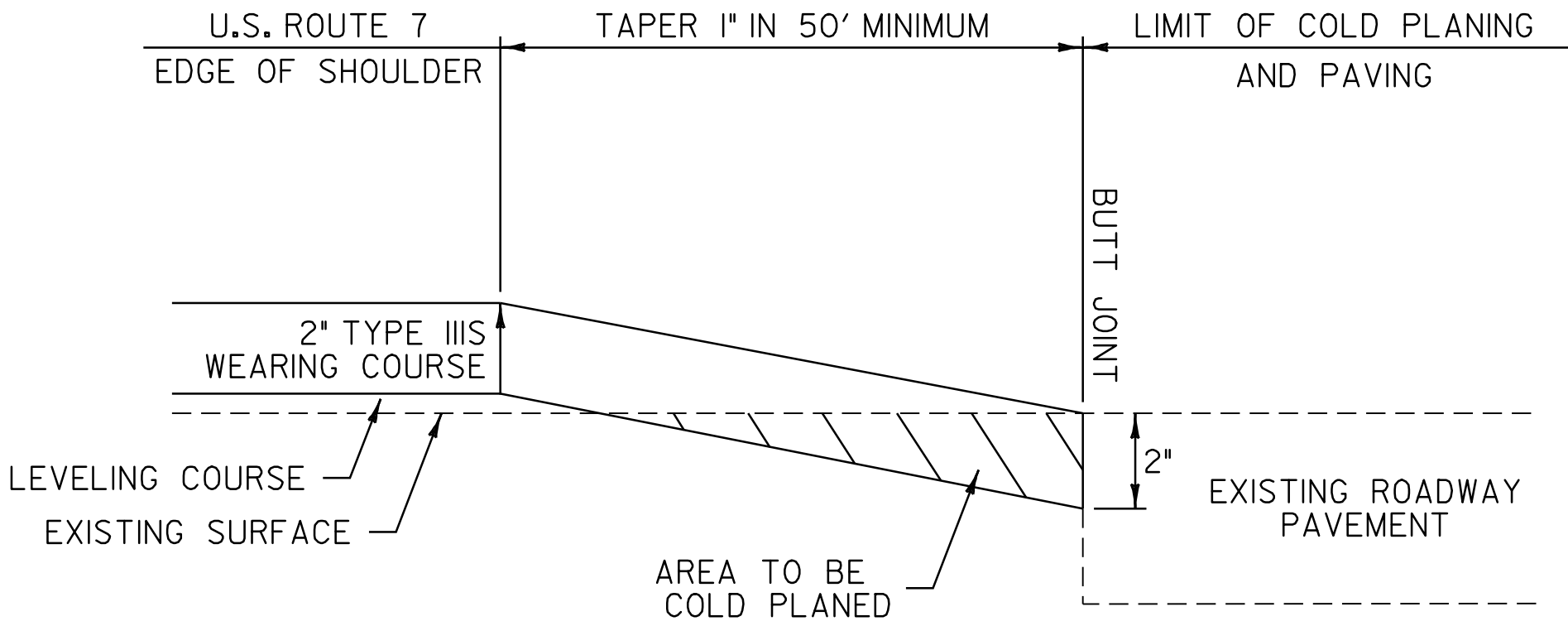
MANCHESTER STA. 342+26.0 - STA. 342+36.0 LT (0.4 TONS)
MANCHESTER STA. 342+36.0 - STA. 342+43.0 RT (0.3 TONS)
DORSET STA. 54+66.0 - STA. 54+76.0 LT (0.4 TONS)
DORSET STA. 69+62.0 - STA. 69+66.0 RT (0.2 TONS)

NOTE:
BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-2" TYPE IIIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.



MAINLINE APPROACH AREA DETAIL

MANCHESTER STA. 243+72.48 - BEGIN OF PROJECT
DORSET STA. 92+13.60 - END OF PROJECT
STA. C0+00.00 - BEGIN RAMP C
STA. D17+21.00 - END RAMP D
STA. E0+00.00 - BEGIN RAMP E



SIDEROAD APPROACH AREA DETAIL

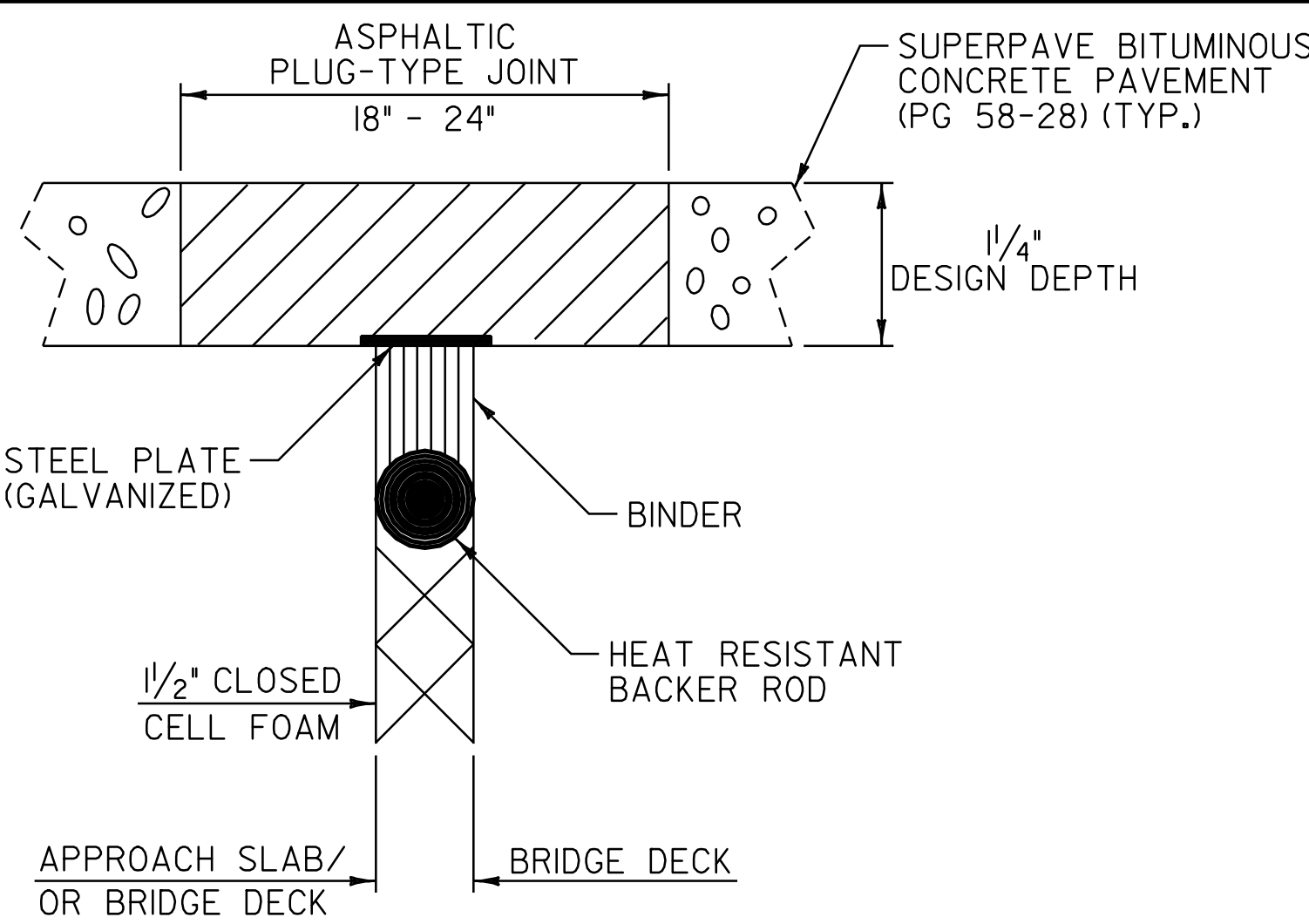
DORSET HISTORIC VT. ROUTE 7
TH-5

NOT TO SCALE

PAVING
DETAIL
SHEET #1

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040pdsl.i
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 5 OF 78



ASPHALTIC PLUG-TYPE JOINT DETAIL

BR 27	U.S. ROUTE 7	MANCHESTER STA.	244+66	(64 FT)	65'
BR 27	U.S. ROUTE 7	MANCHESTER STA.	246+96	(66 FT)	
BR 30	U.S. ROUTE 7	DORSET STA.	68+25	(50 FT)	51
BR 30	U.S. ROUTE 7	DORSET STA.	69+09	(50 FT)	51
BR 31	U.S. ROUTE 7	DORSET STA.	73+54	(94 FT)	96
BR 31	U.S. ROUTE 7	DORSET STA.	74+34	(99 FT)	96

NOTES:

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER’S RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT AREA SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1 INCH +/- OF BINDER ABOVE THE ROD.

A. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION, AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125°F±.

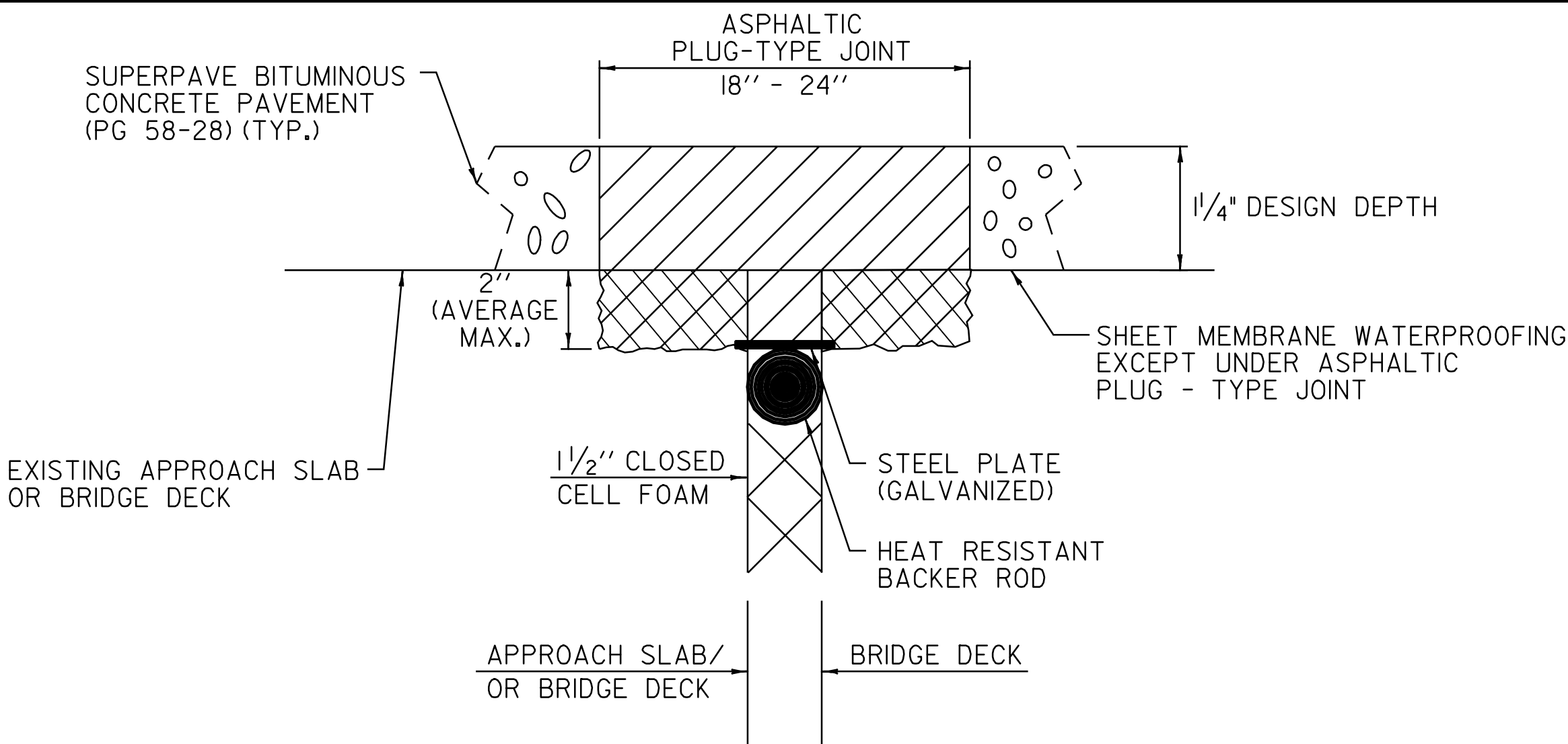
WEATHER LIMITATIONS

BINDER MATERIAL SHALL BE APPLIED ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL:

- A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50° F AND RISING.

B. THE ROAD SURFACE IS SUFFICIENTLY DRY.

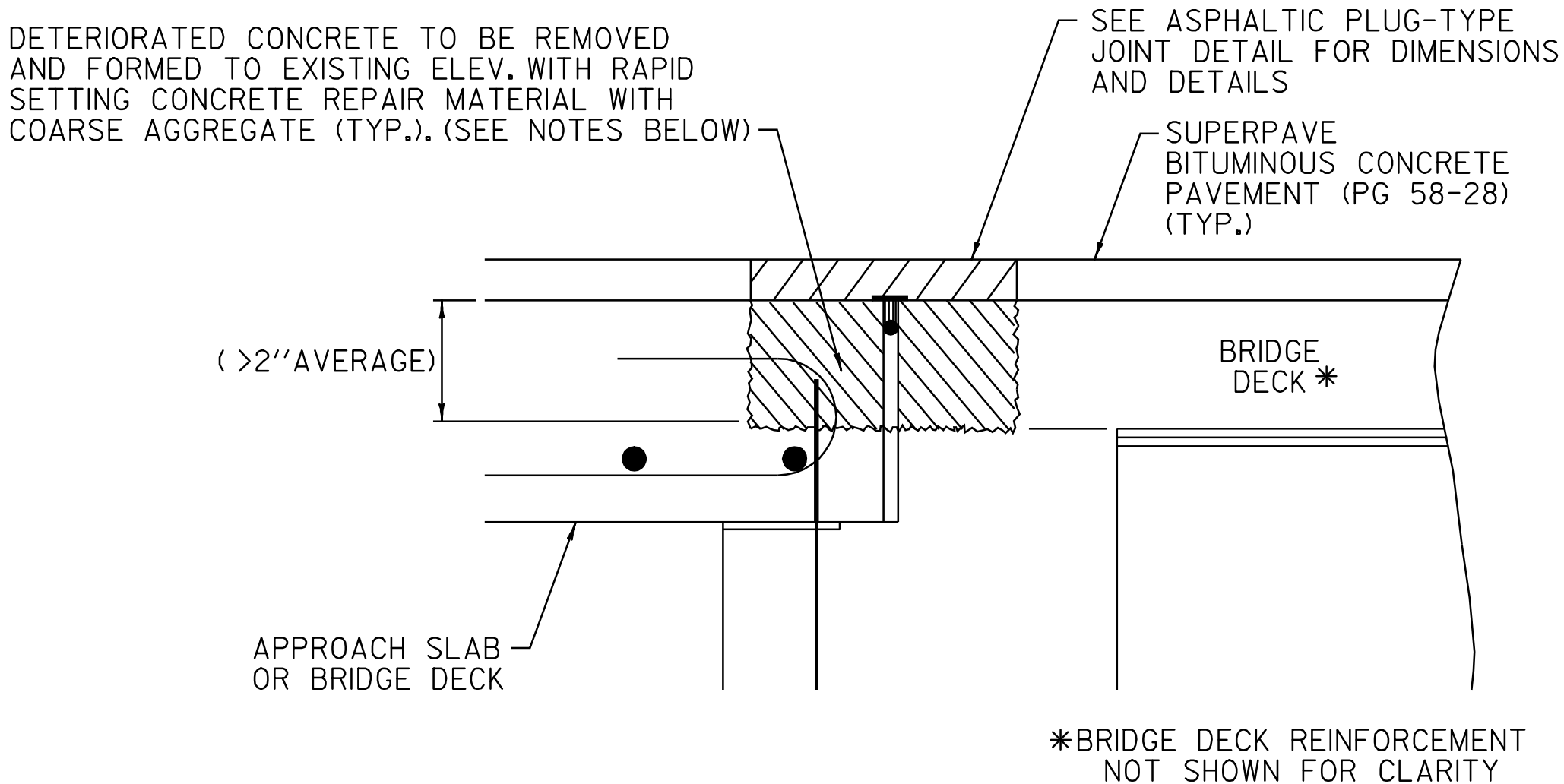
C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF UP TO
2" DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING UP TO 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH REQUIRED TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.



ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF >2"
DETERIORATED CONCRETE

NOTES:

1. UPON ENCOUNTERING GREATER THAN 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
2. REMOVAL OF THE DETERIORATED CONCRETE WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

PAVING
DETAIL
SHEET #2

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b040pds2.i	SHEET 6 OF 78

STATE OF VERMONT
AGENCY OF TRANSPORTATION

[illegible][illegible]

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

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STATE OF VERMONT
AGENCY OF TRANSPORTATION

[illegible][illegible]

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL (GALVANIZED)										DRAINAGE		REMARKS	
BEGIN STATION	END STATION	POS.	203.30	402.12 & 402.13	616.35	621.20	621.21	621.50	621.60	621.70	621.71	621.80	604.412	616.47		
			EARTH BORROW	AGGREGATE SHOULDERS MATERIAL	TREATED TIMBER CURB	STEEL BEAM GUARDRAIL GALVANIZED	HD STEEL BEAM GUARDRAIL GALVANIZED	MANUFACTURED TERMINAL SECTION FLARED	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECT. GALV TYPE I	GUARDRAIL APPROACH SECT. GALV TYPE II	REMOVAL & DISPOSAL GUARDRAIL	REHAB. DI, CB, MH CLASS I	BIT. CONC. GUTTERS & TRAFFIC ISLANDS		
			CY	TON	LF	LF	LF	EA	EA	EA	EA	LF	EA	TON		
MANCHESTER:																
241+14.5	243+89.5	LT	25.0	5.0		225.0		I		I	X	128.0			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 241+14.5 TO STA. 241+52.0. BEGIN APPROACH SECTION, TYPE I AT STA. 243+77.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 243+89.5. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 69 FOR BR 27 DETAILS.	
241+65.0	244+52.5	RT	25.0	5.0		200.0		I		I		190.0			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 241+65.0 TO STA. 242+02.5. BEGIN APPROACH SECTION, TYPE I AT STA. 244+02.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 242+52.5. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 69 FOR BR 27 DETAILS.	
243+72.48	397+05.06	LT/RT		1820.0											BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY THE RESIDENT ENGINEER.	
243+88.0		LT											I			
247+02.5	248+24.0	LT	25.0	5.0		34.0		I		I		125.0			CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 247+02.5 AND END AT STA. 247+52.5. SEE SHEETS 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 69 FOR BR 27 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 247+86.5 TO STA. 248+24.0.	
247+44.5	251+94.5	RT	25.0	5.0		400.0		I		I	X	454.0			CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 247+44.5 AND END AT STA. 247+57.0. SEE SHEETS 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 69 FOR BR 27 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 251+57.0 TO STA. 251+94.5.	
261+01.5	286+21.5	LT	50.0	40.0	687.5 772.0	2445.0		X I				2106.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 261+01.5 TO STA. 261+39.0 & STA. 285+84.0 TO STA. 286+21.5. INSTALL NEW TREATED TIMBER CURB FROM STA. 273+08.0 TO STA. 278+20.0 & 280+73.0 TO STA. 283+33.0	
261+41.0		RT											I			
266+88.5	267+76.0	RT	50.0	10.0		912.5		2				979.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 266+88.5 TO STA. 267+26.0 & STA. 276+38.5 TO STA. 276+76.0.	
275+62.0		LT											I			
278+12.0		LT											I			
282+28.0		LT											I			
286+84.5	326+30.0	LT	50.0	130.0	3243.75 3248.0	3870.5		X I				3847.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 286+84.5 TO STA. 287+22.0 & STA. 325+92.5 TO STA. 326+30.0. INSTALL NEW TREATED TIMBER CURB FROM STA. 292+35.0 TO STA. 324+83.0.	
287+31.0		LT											I			
289+35.0		RT											I			
294+36.0		LT											I			
296+80.0		LT											I			
299+60.0		LT											I			
301+35.0		LT											I			
303+34.0		LT											I			
305+83.0		LT											I			
308+32.0		LT											I			
308+81.0	323+18.5	RT	50.0	50.0	400.0 1168.0	1362.5		2				1431.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 308+81.0 TO STA. 309+18.5 & STA. 322+81.0 TO STA. 323+18.5. INSTALL NEW TREATED TIMBER CURB FROM STA. 310+10.0 TO STA. 321+78.0.	
310+82.0		LT											I			
313+80.0		LT											I			
317+80.0		LT											I			
317+80.0		RT											I			
319+31.0		LT											I			
319+13.0		RT											I			
321+83.0		LT											I			
332+98.0	343+84.5	LT	50.0	42.0	800.0	1011.5		2				1086.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 332+98.0 TO STA. 333+35.5 & STA. 343+47.0 TO STA. 343+84.5. INSTALL NEW TREATED TIMBER CURB FROM STA. 334+31.0 TO STA. 342+31.0.	
333+76.0	343+88.5	RT	50.0	42.0	687.5 704.0	937.5		2				1002.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 333+76.0 TO STA. 334+13.5 & STA. 343+51.0 TO STA. 343+88.5. INSTALL NEW TREATED TIMBER CURB FROM STA. 335+36.0 TO STA. 342+40.0.	
338+27.0		LT											I			
SHEET SUBTOTAL			400.0	2154.0	5818.75 6692.0	11,398.5	-	16-14	-	2- 4	2-0	11,348.0	22	-		

ITEM DETAIL SUMMARY SHEET 2

LOCATION			GUARDRAIL (GALVANIZED)										DRAINAGE		REMARKS			
BEGIN STATION	END STATION	POS.	203.30	402.12 & 402.13	616.35	621.20	621.21	621.50	621.60	621.70	621.71	621.80	604.412	616.47				
			EARTH BORROW	AGGREGATE SHOULDERS MATERIAL	TREATED TIMBER CURB	STEEL BEAM GUARDRAIL GALVANIZED	HD STEEL BEAM GUARDRAIL GALVANIZED	MANUFACTURED TERMINAL SECTION FLARED	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECT. GALV TYPE I	GUARDRAIL APPROACH SECT. GALV TYPE II	REMOVAL & DISPOSAL GUARDRAIL	REHAB. DI, CB, MH CLASS I	BIT. CONC. GUTTERS & TRAFFIC ISLANDS				
MANCHESTER:			CY	TON	LF	LF	LF	EA	EA	EA	EA	LF	EA	TON				
338+27.0		RT											I					
342+26.0	342+36.0	LT												0.4	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.			
342+36.0	342+43.0	RT												0.3	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.			
351+85.5	357+60.5	RT	50.0	10.0		500.0		2				572.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 351+85.5 TO STA. 352+23.0 & STA. 357+23.0 TO STA. 357+60.5.			
351+97.0	355+47.0	LT	50.0	10.0		275.0		2				265.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 351+97.0 TO STA. 352+34.5 & STA. 355+09.5 TO STA. 355+47.0.			
368+40.0		LT											I					
368+40.0		RT											I					
370+46.0		LT											I					
370+46.0		RT											I					
373+28.0		LT											I					
373+28.0		RT											I					
376+49.0		LT											I					
376+49.0		RT											I					
379+50.5	383+25.5	LT	50.0	10.0		300.0		2				366.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 379+50.5 TO STA. 379+88.0 & STA. 382+88.0 TO STA. 383+25.5.			
384+98.0		RT											I					
387+91.0		RT											I					
390+79.0		RT											I					
392+68.5	397+05.6	LT	25.0	5.0		399.6		I				434.6			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 392+68.5 TO STA. 393+06.0.			
393+11.0		RT											I					
DORSET:																		
0+00.0	92+13.60	LT/RT		453.0	4917.0										BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY THE RESIDENT ENGINEER.			
0+00.0	56+21.0	LT	25.0	185.0	4912.0	5583.5		I				5619.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 55+83.5.0 TO STA. 56+21.0.			
															INSTALL NEW TREATED TIMBER CURB FROM STA. 5+52.5 TO STA. 54+64.5.			
1+85.0		RT											I					
4+50.0		RT											I					
7+49.0		LT											I					
7+98.0		RT											I					
10+00.0		LT											I					
10+50.0		RT											I					
12+00.0		LT											I					
14+01.0		LT											I					
15+48.0		RT											I					
16+51.0		LT											I					
19+02.0		LT											I					
19+27.0		RT											I					
21+52.0		LT											I					
21+90.0		RT											I					
23+93.0		LT											I					
24+09.0		RT											I					
SHEET SUBTOTAL			200.0	673.0	4912.0	7058.1	-	8	-	-	-	7256.6	29	0.7				
															ITEM DETAIL SUMMARY SHEET #2	PROJECT NAME: MANCHESTER - DORSET		
																PROJECT NUMBER: NH 2608(1)S		
																FILE NAME: p06b040.dgn		
																PLOT DATE: 07-JUN-2010 11:58:00		
															PROJECT LEADER: D.E.G.		DRAWN BY: C.A.K.	
															DESIGNED BY: M.J.M.		CHECKED BY: D.W.E.	
															IPARM FILE: p06b0401ds2.1		SHEET 11 OF 78	

ITEM DETAIL SUMMARY SHEET 3															
LOCATION			GUARDRAIL (GALVANIZED)									DRAINAGE		REMARKS	
BEGIN STATION	END STATION	POS.	203.30	402.12 & 402.13	616.35	621.20	621.21	621.50	621.60	621.70	621.71	621.80	604.412		616.47
			EARTH BORROW	AGGREGATE SHOULDERS, RAP	TREATED TIMBER CURB	STEEL BEAM GUARDRAIL GALVANIZED	HD STEEL BEAM GUARDRAIL GALVANIZED	MANUFACTURED TERMINAL SECTION FLARED	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECT. GALV TYPE I	GUARDRAIL APPROACH SECT. GALV TYPE II	REMOVAL & DISPOSAL GUARDRAIL	REHAB. DI, CB, MH CLASS I		BIT. CONC. GUTTERS & TRAFFIC ISLANDS
DORSET:			CY	TON	LF	LF	LF	EA	EA	EA	EA	LF	EA	TON	
27+27.0		LT											I		
27+40.0		RT											I		
30+13.0		LT											I		
30+13.0		RT											I		
32+54.0		LT											I		
35+04.0		LT											I		
38+04.0		LT											I		
41+52.0		LT											I		
43+52.0		RT											I		
45+60.0		LT											I		
47+40.5	54+78.0	RT	50.0	10.0		662.5		2				662.0			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 47+40.5 TO STA. 47+78.0 & STA. 54+40.5 TO STA. 54+78.0.
48+09.0		LT											I		
51+68.0		LT											I		
54+66.0	54+76.0	LT												0.4	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
65+41.5	68+16.5	LT	25.0	5.0		225.0		I		I	X	152.5			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 65+41.5 TO STA. 65+79.0. BEGIN APPROACH SECTION, TYPE I X AT STA. 68+04.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 68+16.5. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 70 FOR BR 30 DETAILS.
65+43.0	68+30.5	RT	25.0	5.0		200.0		I		I		128.5			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 65+43.0 TO STA. 65+80.5. BEGIN APPROACH SECTION, TYPE I AT STA. 67+80.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 68+30.5. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 70 FOR BR 30 DETAILS.
69+04.5	73+42.5	LT				375.5				X 2	X	438.0			CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 69+04.5 AND END AT STA. 69+54.5. SEE SHEETS 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 63 FOR BR 30 DETAILS. BEGIN APPROACH SECTION, TYPE I X FROM STA. 73+30.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 73+42.5. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 71 FOR BR 31 DETAILS.
69+20	69+51	RT			35.0										
69+29.5	73+68.5	RT				376.5				X 2	X	439.0			CONNECT APPROACH SECTION, TYPE I X TO EXISTING BRIDGE RAIL AT STA. 69+29.5 AND END AT STA. 69+42.0. SEE SHEETS 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 70 FOR BR 30 DETAILS. BEGIN APPROACH SECTION, TYPE I FROM STA. 73+18.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 73+68.5. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 71 FOR BR 31 DETAILS.
69+62.0	69+66.0	RT												0.2	CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE SHEET 5 FOR BITUMINOUS CONCRETE GUTTER DETAIL.
74+21.5	75+46.5	LT	25.0	5.0		37.5		I		I		125.0			CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 74+21.5 AND END AT STA. 74+71.5. SEE SHEETS 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 71 FOR BR 31 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 75+09.0 TO STA. 75+46.5.
74+51.5	77+76.5	RT	25.0	5.0		275.0		I		I	X	333.5			CONNECT APPROACH SECTION, TYPE I X TO EXISTING BRIDGE RAIL AT STA. 74+51.5 AND END AT STA. 74+64.0. SEE SHEETS 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 71 FOR BR 31 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 77+39.0 TO STA. 77+76.5.
76+71.0	80+75.0	LT	25.0	5.0		779.0		I				253.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. 76+71.0 TO STA. 77+08.5.
88+28.8	89+91.3	RT	25.0	5.0		100.0	32.5	I				170.0			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 88+28.8 TO STA. 88+66.3. INSTALL HD STEEL BEAM GUARDRAIL, GALVANIZED FROM STA. 89+66.3 TO STA. 89+91.3. CONNECT TO EXISTING BRIDGE RAIL AT STA. 89+91.3. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS.
90+03.8	90+18.3	RT				14.5			I						INSTALL ANCHOR AT STA. 90+18.3 SEE SHEET 72 FOR BRIDGE 46 DETAILS.
90+29.0	90+43.5	LT				14.5			I						INSTALL ANCHOR AT STA. 90+29.0. SEE SHEET 72 FOR BRIDGE 46 DETAILS.
90+56.0	92+18.5	LT	25.0	5.0		100.0	32.5	I				124.5			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 91+81.0 TO STA. 92+18.5. INSTALL HD STEEL BEAM GUARDRAIL, GALVANIZED FROM STA. 90+56.0 TO STA. 90+81.0. CONNECT TO EXISTING BRIDGE RAIL AT STA. 90+56.0. SEE SHEET 66 & 67 FOR GUARDRAIL APPROACH SECTION DETAILS.
RAMP C: CO+55.0		RT											I		
RAMP D: DI+18.0	DI3+93.0	RT	50.0	30.0	429.0 432.0	1200.0		X I	I			1194.0			INSTALL NEW MANUFACTURED TERMINAL SECTIONS, FLARED FROM STA. DI+18.0 TO STA. DI+55.5 & STA. DI3+55.5 TO STA. DI3+93.0.
															INSTALL NEW TREATED TIMBER CURB FROM STA. D3+37.0 TO STA. D7+69.0.
D7+62.0		RT											I		
SHEET SUBTOTAL			275.0	75.0	464.0 432.0 5818.75	4360.0	65.0	X 10	X 3	X 8	X 0	4020.0	14	0.6	
SHEET 10 SUBTOTAL			400.0	2154.0	6692.0 4917.0	11,398.5	-	X 14	-	X 4	X 0	11,348.0	22	-	
SHEET 11 SUBTOTAL			200.0	673.0	4912.0	7058.1	-	8	-	-	-	7256.6	29	0.7	
ROUNDING			25	23.0	214.0 11,199.75	183.4	-	-	-	-	-	75.4	-	0.2	
TOTAL			900.0	2925.0	42,250.0	23,000.0	65.0	35 32	X 3	X 12	X 0	22,700.0	65	1.5	
ITEM DETAIL SUMMARY SHEET #3												PROJECT NAME: MANCHESTER - DORSET			
												PROJECT NUMBER: NH 2608(1)S			
												FILE NAME: p06b040.dgn		PLOT DATE: 07-JUN-2010 11:00	
												PROJECT LEADER: D.E.G.		DRAWN BY: C.A.K.	
												DESIGNED BY: M.J.M.		CHECKED BY: D.W.E.	
												IPARM FILE: p06b0401ds3.1			
												SHEET 12 OF 78			

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 243+72.48 - STA. 256+00.00 LT & RT
STA. 243+72.48 - STA. 247+70.00 DASHED LT
STA. C0+00.00 - STA. C6+50.00 RT, RAMP C
STA. E10+00.00 - STA. E11+22.00 RT, RAMP E

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

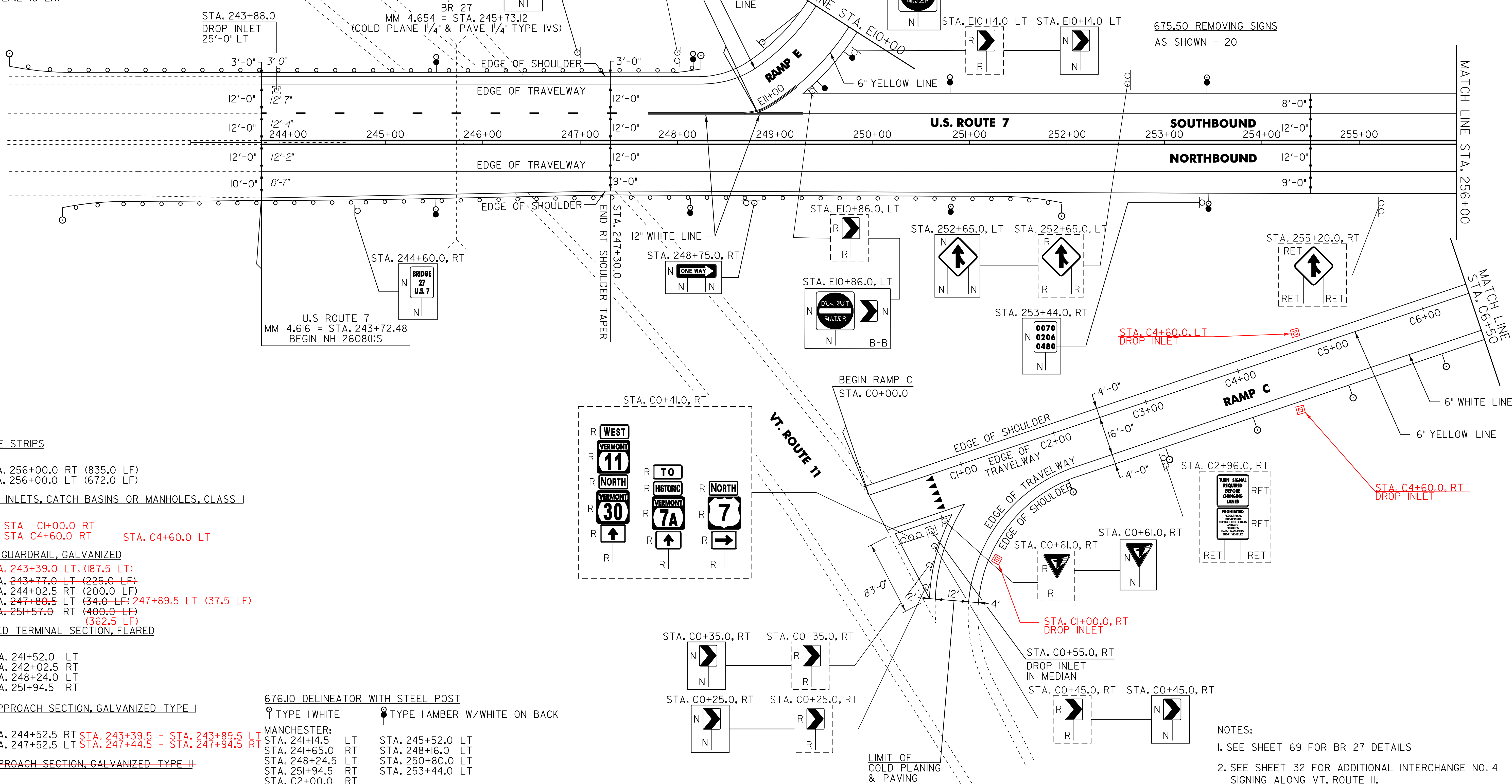
MANCHESTER:
STA. C0+61.00, YIELD LINE (5 EA)

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

MANCHESTER:
STA. 243+72.48 - STA. 256+00.00 LT & RT
STA. 243+72.48 - STA. 247+70.00 DASHED LT
STA. C0+00.00 - STA. C6+50.00 RT, RAMP C
STA. E10+00.00 - STA. E11+22.00 RT, RAMP E

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

MANCHESTER:
STA. C0+61.00, YIELD LINE (5 EA)



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 247+65.0 - STA. 256+00.0 RT (835.0 LF)
STA. 249+28.0 - STA. 256+00.0 LT (672.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 243+88.0 LT STA. C1+00.0 RT
STA. C0+55.0 RT STA. C4+60.0 RT STA. C4+60.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER:
STA. 241+52.0 - STA. 243+77.0 LT (225.0 LF)
STA. 242+02.5 - STA. 244+02.5 RT (200.0 LF)
STA. 247+52.5 - STA. 247+88.5 LT (34.0 LF) 247+89.5 LT (37.5 LF)
STA. 247+57.0 - STA. 251+57.0 RT (400.0 LF)
STA. 247+94.5 (362.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
STA. 241+14.5 - STA. 241+52.0 LT
STA. 241+65.0 - STA. 242+02.5 RT
STA. 247+86.5 - STA. 248+24.0 LT
STA. 251+57.0 - STA. 251+94.5 RT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

MANCHESTER:
STA. 244+02.5 - STA. 244+52.5 RT STA. 243+39.5 - STA. 243+89.5 LT
STA. 247+02.5 - STA. 247+52.5 LT STA. 247+44.5 - STA. 247+94.5 RT

621.71 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE II

MANCHESTER:
STA. 243+77.0 - STA. 243+89.5 LT
STA. 247+44.5 - STA. 247+57.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 242+61.0 - STA. 243+89.0 LT (128.0 LF)
STA. 242+61.0 - STA. 244+51.0 RT (190.0 LF) 187.5 LF
STA. 246+99.0 - STA. 248+24.0 LT (125.0 LF)
STA. 247+41.0 - STA. 251+95.0 RT (454.0 LF) 450 LF

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE TYPE I AMBER W/WHITE ON BACK

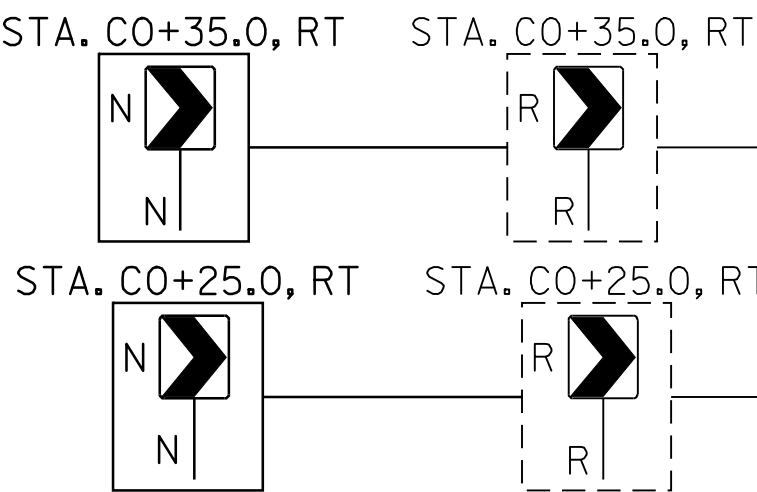
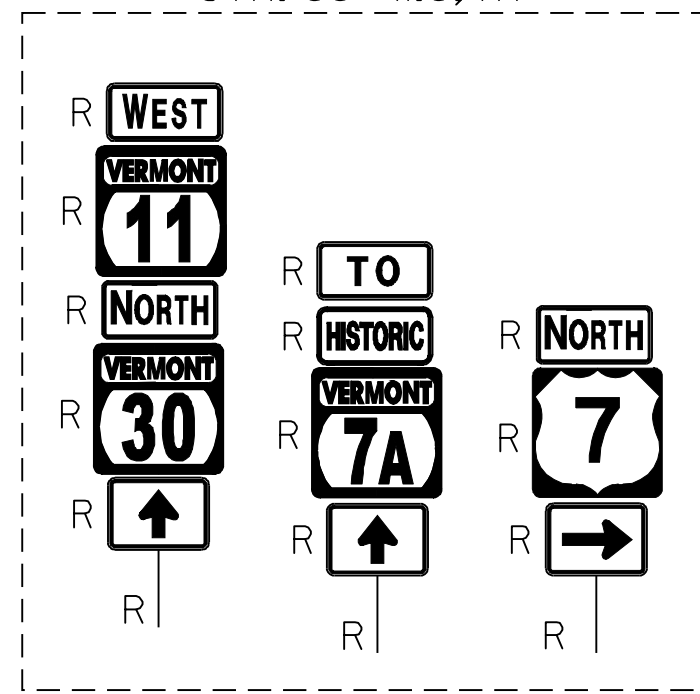
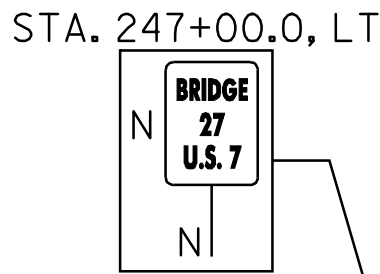
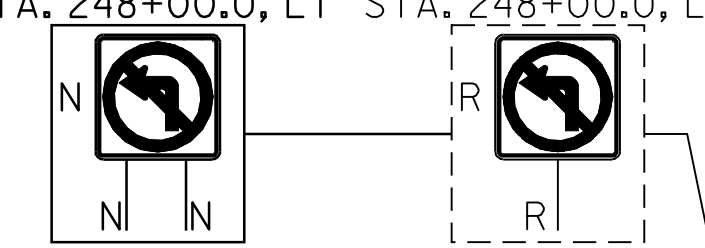
MANCHESTER:
STA. 241+4.5 LT STA. 245+52.0 LT
STA. 241+65.0 RT STA. 248+16.0 LT
STA. 248+24.5 LT STA. 250+80.0 LT
STA. 251+94.5 RT STA. 253+44.0 LT

TYPE I WHITE W/AMBER ON BACK

STA. 245+52.0 RT
STA. 248+16.0 RT
STA. 250+80.0 RT
STA. 253+44.0 RT

TYPE I AMBER

STA. E10+15.0 LT
STA. E10+50.0 LT



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = -----

NOT TO SCALE

PROJECT
LAYOUT
SHEET #1

NOTES:

- SEE SHEET 69 FOR BR 27 DETAILS
- SEE SHEET 32 FOR ADDITIONAL INTERCHANGE NO. 4 SIGNING ALONG VT. ROUTE 11.

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040I01.I SHEET 13 OF 78

MANCHESTER:

STA. 256+00.00	-	STA. 271+00.00 LT & RT
STA. 258+20.00	-	STA. 262+38.00 DASHED LT
STA. 261+40.00	-	STA. 263+98.00 DOTTED RT
STA. 262+38.00	-	STA. 266+55.00 DASHED LT
STA. C6+50.00	-	STA. C9+50.00 EDGE LINE RT, RAMP C
STA. D1+25.00	-	STA. D3+00.00 EDGE LINE RT, RAMP D

MANCHESTER:00.
STA. 256+00.00 - STA. 271+00.00 LT. & RT
STA. 258+20.00 - STA. 262+38.00 DASHED LT
STA. 261+40.00 - STA. 263+98.00 DOTTED RT
STA. 262+38.00 - STA. 266+55.00 DASHED LT
STA. C6+50.00 - STA. C9+50.00 EDGE LINE RT, RAMP C
STA. D1+25.00 - STA. D3+00.00 EDGE LINE RT, RAMP D

MANCHESTER:
STA. 256+00.00 - STA. 271+00.00
STA. C6+50.00 - STA. C9+50.00 EDGE LINE LT, RAMP C
STA. D1+25.00 - STA. D3+00.00 EDGE LINE LT, RAMP D

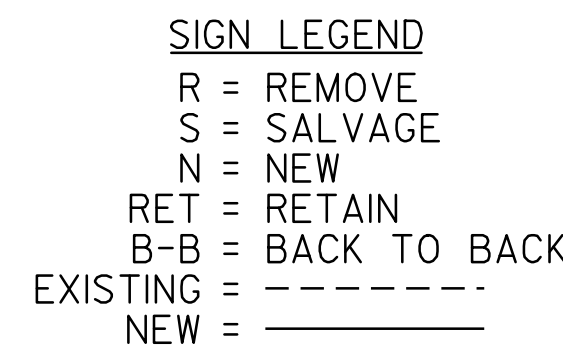
$$\begin{array}{ccc} \text{LT} & \text{Q} & \text{RT} \\ \text{S} & - & \text{S} \end{array}$$

MANCHESTER:
STA. 256+50.00 - STA. 258+20.00 GORE AREA LT
STA. 258+85.00 - STA. 261+40.00 GORE AREA RT

MANCHESTER:
STA. C6+70.00, CL, RAMP C WRONG WAY ARROW (IEA)

MANCHESTER:
STA. C6+70.00, CL, RAMP C WRONG WAY ARROW (IEA)

AS SHOWN - ~~7~~ II



I. MAINTAIN EXISTING FLARE RATE FOR NEW MANUFACTURED TERMINAL END SECTIONS

PROJECT LAYOUT SHEET #3

FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010 11:58
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b04103.1	SHEET 15 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 271+00.00 - STA. 286+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE
BREAKS AND RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 271+00.00 - STA. 286+00.00 LT & RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN
HIGHWAYS) S=SOLID, D=DASHED

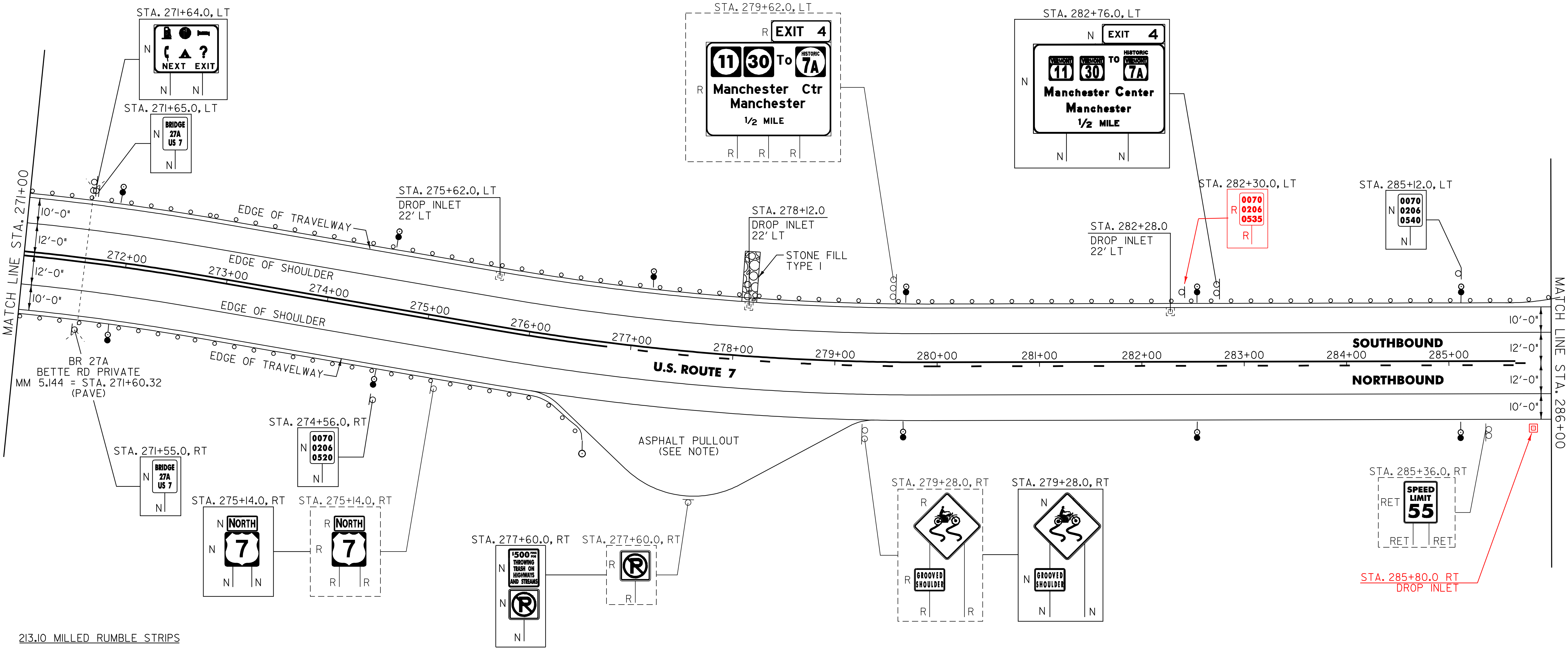
MANCHESTER:
STA. 271+00.00 - STA. 276+67.00 S - C RT
STA. 276+67.00 - STA. 285+65.00 S - D
STA. 285+65.00 - STA. 286+00.00 - D -

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:
STA. 271+00.00 - STA. 276+67.00 S - C RT
STA. 276+67.00 - STA. 285+65.00 S - D
STA. 285+65.00 - STA. 286+00.00 - D -

675.50 REMOVING SIGNS

AS SHOWN - 7



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 271+00.0 - STA. 276+05.0 RT (505.0 LF)
STA. 271+00.0 - STA. 286+00.0 LT (1500.0 LF)
STA. 279+30.0 - STA. 286+00.0 RT (670.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 275+62.0 LT STA. 285+80.0 RT
STA. 278+12.0 LT
STA. 282+28.0 LT

616.35 TREATED TIMBER CURB

MANCHESTER:
STA. 273+08.0 - STA. 278+20.0 LT (512.0 LF)
STA. 280+73.0 - STA. 283+33.0 LT (260.0 LF)
STA. 282+34.0 155.0 LF

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER:
STA. 271+00.0 - STA. 285+84.0 LT (1484.0 LF)
STA. 271+00.0 - STA. 276+38.5 RT (538.5 LF)
STA. 276+26.0 RT 526 LF

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
STA. 276+38.5 - STA. 276+76.0 RT
STA. 285+84.0 - STA. 286+00.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 271+00.0 - STA. 276+72.0 RT (572.0 LF)
STA. 271+00.0 - STA. 286+00.0 LT (1500.0 LF)
STA. 282+76.0 1288.0
283+88.0

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE TYPE I AMBER W/WHITE ON BACK TYPE I WHITE W/AMBER ON BACK

MANCHESTER:
STA. 276+76.0 RT STA. 271+92.0 LT
STA. 274+56.0 LT
STA. 277+20.0 LT
STA. 279+84.0 LT
STA. 282+76.0 LT
STA. 285+12.0 LT

613.10 STONE FILL, TYPE I

MANCHESTER:
STA. 278+10.0 - STA. 278+14.0 LT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOTE:

1. THE EXISTING ASPHALT PULLOUT SHALL BE PAVED WITH A 2" TYPE III'S WEARING COURSE. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PREFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b04104.1 SHEET 16 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 286+00.00 - STA. 301+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 286+00.00 - STA. 301+00.00 LT & RT

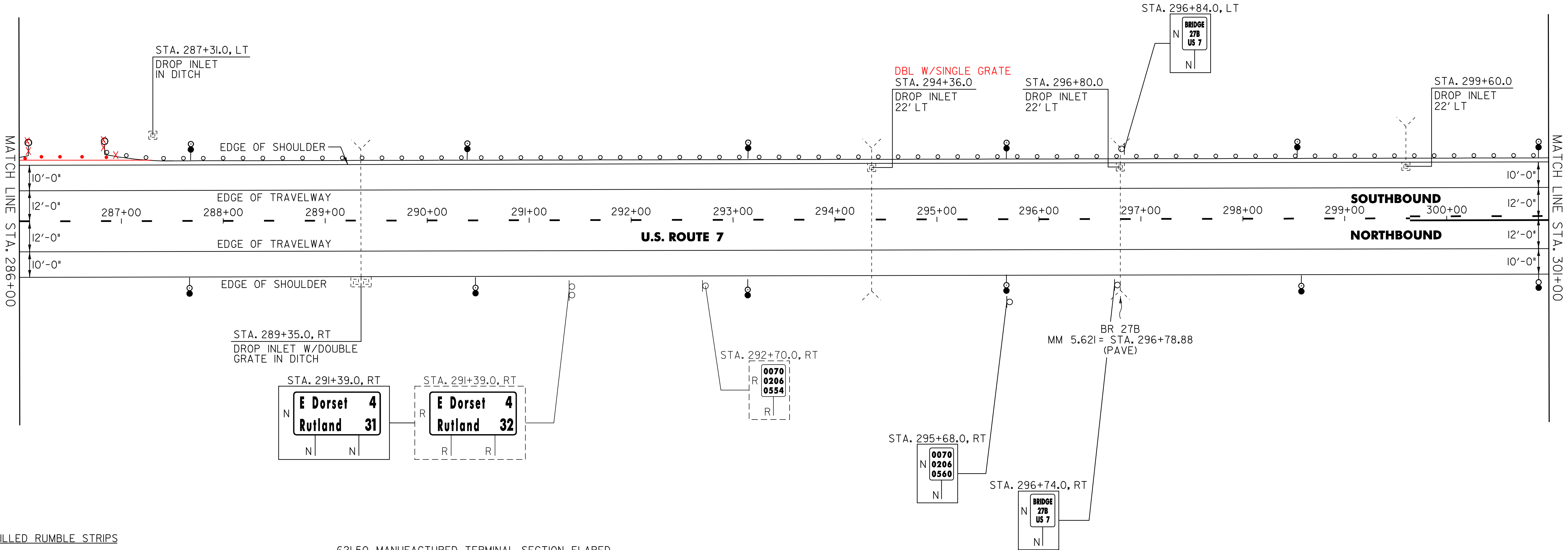
646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN
HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:
STA. 286+00.00 - STA. 299+64.00 LT C RT
STA. 286+00.00 - STA. 299+64.00 D D -
STA. 299+64.00 - STA. 301+00.00 D - S

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:
STA. 286+00.00 - STA. 299+64.00 LT C RT
STA. 286+00.00 - STA. 299+64.00 D D -
STA. 299+64.00 - STA. 301+00.00 D - S

675.50 REMOVING SIGNS
AS SHOWN - 2



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 286+00.0 - STA. 301+00.0 LT (1500.0 LF)
STA. 286+00.0 - STA. 301+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 287+31.0 LT
STA. 289+35.0 RT
STA. 294+36.0 LT
STA. 296+80.0 LT
STA. 299+60.0 LT

616.35 TREATED TIMBER CURB

MANCHESTER:
STA. 292+35.0 - STA. 301+00.0 LT (865.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER: STA 286+00.0 -
STA. 287+22.0 - STA. 301+00.0 LT (1378.0 LF) 1500.0 LF

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
~~STA. 286+00.0 - STA. 286+21.5 LT~~
~~STA. 286+84.5 - STA. 287+22.0 LT~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 287+83.0 - STA. 301+00.0 LT (1317.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE TYPE I AMBER W/WHITE ON BACK TYPE I WHITE W/AMBER ON BACK

MANCHESTER:
STA. 286+21.5 LT
STA. 286+84.5 LT

STA. 287+76.0 LT
STA. 290+40.0 LT
STA. 293+04.0 LT
STA. 295+68.0 LT
STA. 298+32.0 LT
STA. 300+96.0 LT

STA. 287+76.0 RT
STA. 290+40.0 RT
STA. 293+04.0 RT
STA. 295+68.0 RT
STA. 298+32.0 RT
STA. 300+96.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = -----

NOT TO SCALE

PROJECT LAYOUT SHEET #5

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b04105.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 17 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 301+00.00 - STA. 316+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 301+00.00 - STA. 316+00.00 LT & RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

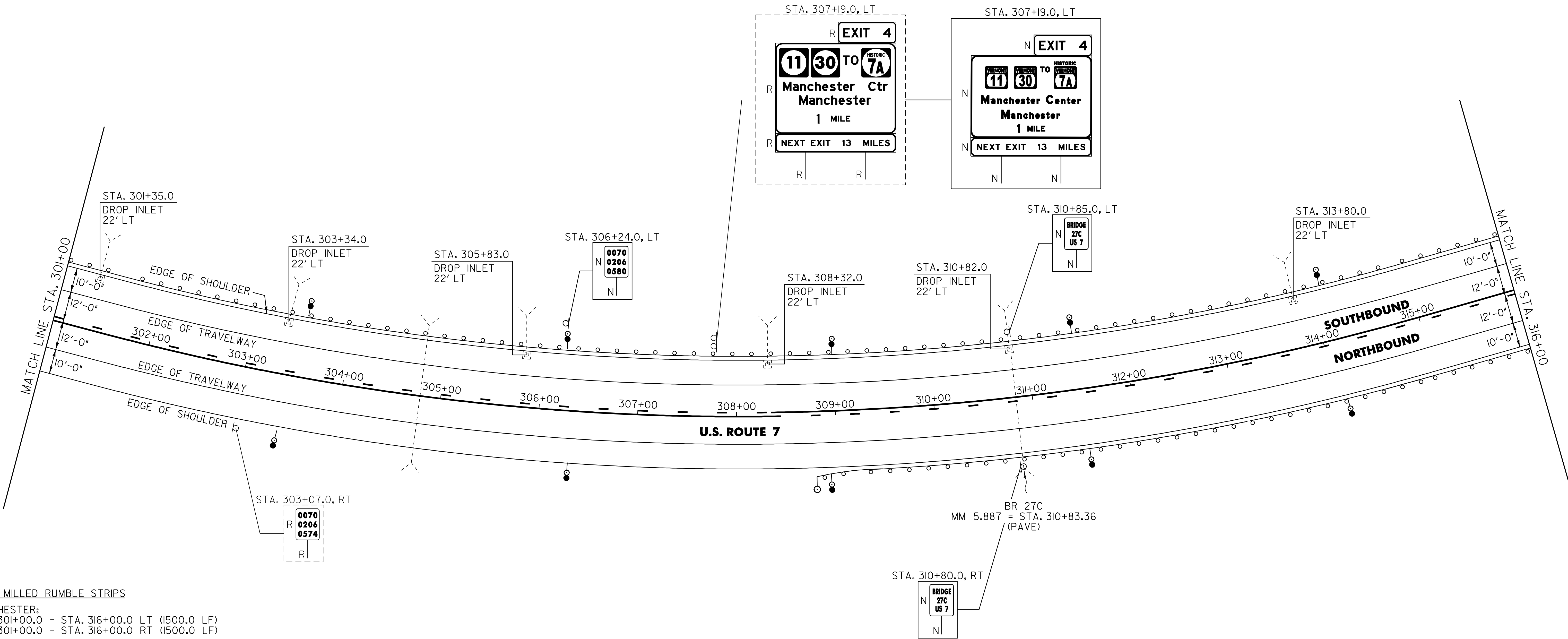
MANCHESTER:
STA. 301+00.00 - STA. 308+35.00 LT ☉ RT
STA. 301+00.00 - STA. 308+35.00 D - S
STA. 308+35.00 - STA. 316+00.00 S - D

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:
STA. 301+00.00 - STA. 308+35.00 LT ☉ RT
STA. 301+00.00 - STA. 308+35.00 D - S
STA. 308+35.00 - STA. 316+00.00 S - D

675.50 REMOVING SIGNS

AS SHOWN - ~~43~~



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 301+00.0 - STA. 316+00.0 LT (1500.0 LF)
STA. 301+00.0 - STA. 316+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 301+35.0 LT
STA. 303+34.0 LT
STA. 305+83.0 LT
STA. 308+32.0 LT
STA. 310+82.0 LT
STA. 313+80.0 LT

616.35 TREATED TIMBER CURB

MANCHESTER:
STA. 301+00.0 - STA. 316+00.0 LT (1500.0 LF)
STA. 310+10.0 - STA. 316+00.0 RT (590.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER:
STA. 301+00.0 - STA. 316+00.0 LT (1,500.0 LF)
STA. 309+18.5 - STA. 316+00.0 RT (681.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
STA. 308+81.0 - STA. 309+18.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 301+00.0 - STA. 316+00.0 LT (1500.0 LF)
STA. 308+84.0 - STA. 316+00.0 RT (716.0 LF)

676.10 DELINEATOR WITH STEEL POST

☿ TYPE I WHITE ☿ TYPE I AMBER W/ WHITE ON BACK ☿ TYPE I WHITE W/ AMBER ON BACK

MANCHESTER:

STA. 308+81.0 RT

STA. 303+60.0 LT
STA. 306+24.0 LT
STA. 308+88.0 LT
STA. 311+52.0 LT
STA. 314+16.0 LT

STA. 303+60.0 RT
STA. 306+24.0 RT
STA. 308+88.0 RT
STA. 311+52.0 RT
STA. 314+16.0 RT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = -----

NOT TO SCALE

PROJECT
LAYOUT
SHEET #6

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040I06.1

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 18 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 316+00.00 - STA. 331+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)

MANCHESTER:
STA. 316+00.00 - STA. 331+00.00 LT & RT

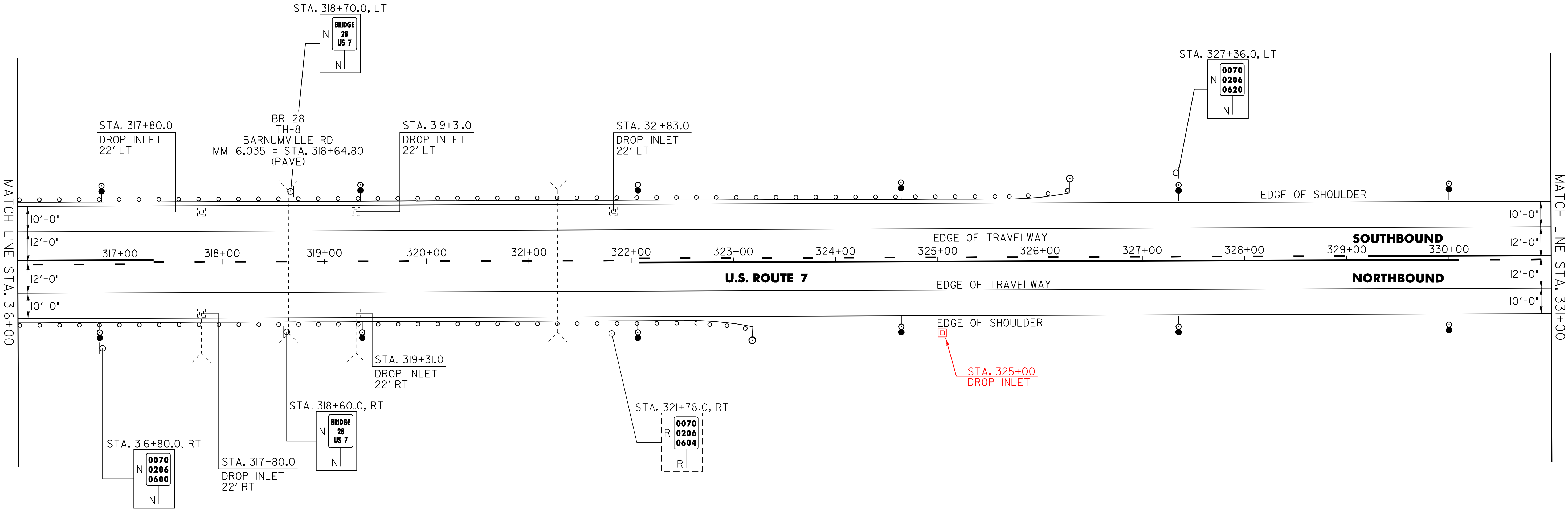
646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:
STA. 316+00.00 - STA. 317+33.00 LT C RT
STA. 316+00.00 - STA. 317+33.00 S - D
STA. 317+33.00 - STA. 322+08.00 - D -
STA. 322+08.00 - STA. 329+21.00 D - S
STA. 329+21.00 - STA. 330+00.00 S - S
STA. 330+00.00 - STA. 331+00.00 S - D

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:
STA. 316+00.00 - STA. 317+33.00 LT C RT
STA. 316+00.00 - STA. 317+33.00 S - D
STA. 317+33.00 - STA. 322+08.00 - D -
STA. 322+08.00 - STA. 329+21.00 D - S
STA. 329+21.00 - STA. 330+00.00 S - S
STA. 330+00.00 - STA. 331+00.00 S - D

675.50 REMOVING SIGNS
AS SHOWN - I



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 316+00.0 - STA. 331+00.0 LT (1500.0 LF)
STA. 316+00.0 - STA. 331+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 317+80.0 LT
STA. 317+80.0 RT
STA. 319+31.0 LT
STA. 319+31.0 RT
STA. 321+83.0 LT

616.35 TREATED TIMBER CURB

MANCHESTER:
STA. 316+00.0 - STA. 324+83.0 LT (883.0 LF)
STA. 316+00.0 - STA. 321+78.0 RT (578.0 LF)
317+78.0 400

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER:
STA. 316+00.0 - ST. 325+92.5 LT (992.5 LF)
STA. 316+00.0 - STA. 322+81.0 RT (681.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
STA. 322+81.0 - STA. 323+18.5 RT
STA. 325+92.5 - STA. 326+30.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 316+00.0 - STA. 326+30.0 LT (1030.0 LF)
STA. 316+00.0 - STA. 323+15.0 RT (715.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE TYPE I AMBER W/ WHITE ON BACK TYPE I WHITE W/ AMBER ON BACK

MANCHESTER:
STA. 323+18.5 RT
STA. 326+30.0 LT
STA. 316+80.0 LT
STA. 319+44.0 LT
STA. 322+08.0 LT
STA. 324+72.0 LT
STA. 327+36.0 LT
STA. 330+00.0 LT

STA. 316+80.0 RT
STA. 319+44.0 RT
STA. 322+08.0 RT
STA. 324+72.0 RT
STA. 327+36.0 RT
STA. 330+00.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = -----

NOT TO SCALE

PROJECT
LAYOUT
SHEET #7

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040i07.1 SHEET 19 OF 78

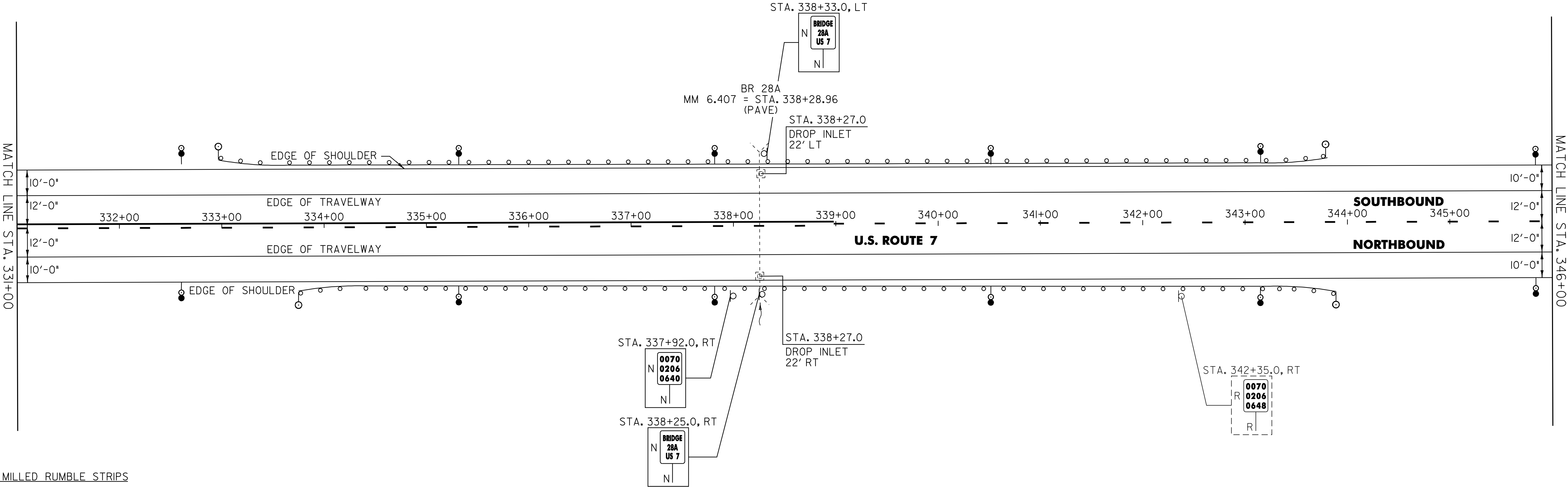
646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 331+00.00 - STA. 346+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 331+00.00 - STA. 346+00.00 LT & RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
MANCHESTER:
STA. 331+00.00 - STA. 338+98.00 LT C RT
S - - D
STA. 338+98.00 - STA. 346+00.00 - D -

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
MANCHESTER:
STA. 331+00.00 - STA. 338+98.00 LT C RT
S - - D
STA. 338+98.00 - STA. 346+00.00 - D -

675.50 REMOVING SIGNS
AS SHOWN - I



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 331+00.0 - STA. 346+00.0 LT (1500.0 LF)
STA. 331+00.0 - STA. 346+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 338+27.0 LT
STA. 338+27.0 RT

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

MANCHESTER:
STA. 342+26.0 - STA. 342+36.0 LT (0.4 TON)
STA. 342+36.0 - STA. 342+43.0 RT (0.3 TON)

616.35 TREATED TIMBER CURB

MANCHESTER:
STA. 334+31.0 - STA. 342+31.0 LT (800.0 LF)
STA. 335+36.0 - STA. 342+40.0 RT (704.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER:
STA. 333+35.5 - STA. 343+47.0 LT (1011.5 LF) 1012.5 LF
STA. 334+13.5 - STA. 343+51.0 RT (937.5 LF) 925.0 LF

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
STA. 332+98.0 - STA. 333+35.5 LT
STA. 333+76.0 - STA. 334+13.5 RT
STA. 343+47.0 - STA. 343+84.5 LT
STA. 343+51.0 - STA. 343+88.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 332+98.0 - STA. 343+84.0 LT (1086.0 LF)
STA. 333+81.0 - STA. 343+83.0 RT (1002.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE TYPE I AMBER W/ WHITE ON BACK TYPE I WHITE W/ AMBER ON BACK

MANCHESTER:
STA. 332+98.0 LT STA. 332+64.0 LT
STA. 333+76.0 RT STA. 335+28.0 LT
STA. 343+84.5 LT STA. 337+92.0 LT
STA. 343+88.5 RT STA. 340+56.0 LT
STA. 343+20.0 LT STA. 343+20.0 LT
STA. 345+84.0 LT

STA. 332+64.0 RT
STA. 335+28.0 RT
STA. 337+92.0 RT
STA. 340+56.0 RT
STA. 343+20.0 RT
STA. 345+84.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOT TO SCALE

PROJECT
LAYOUT
SHEET #8

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

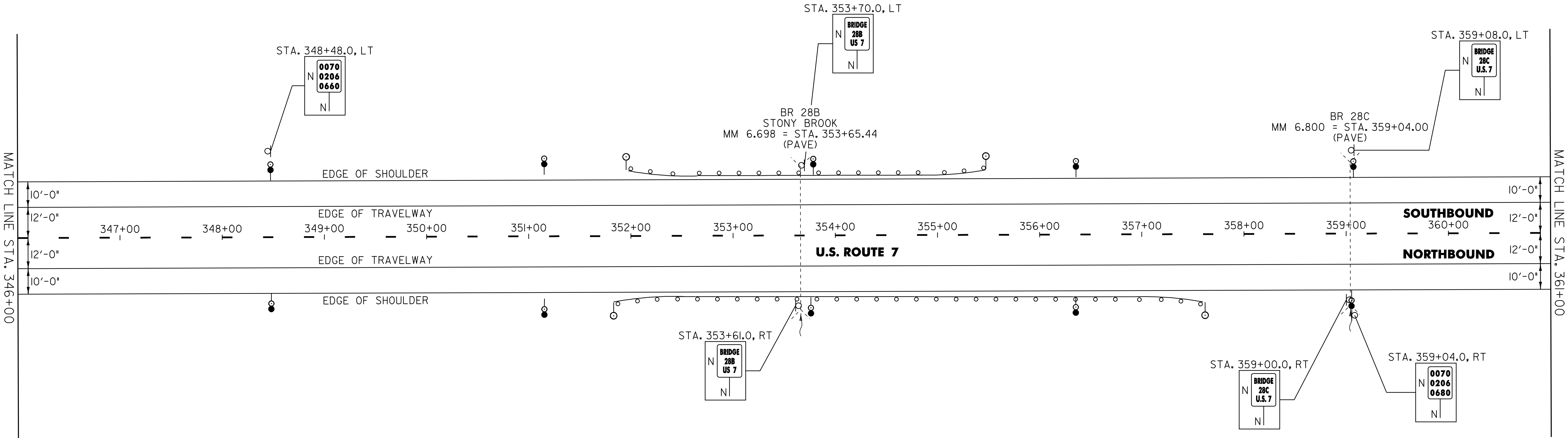
FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040108.1 SHEET 20 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 346+00.00 - STA. 361+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 346+00.00 - STA. 361+00.00 LT & RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
MANCHESTER: LT C RT
STA. 346+00.00 - STA. 361+00.00 - D -

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
MANCHESTER: LT C RT
STA. 346+00.00 - STA. 361+00.00 - D -



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 346+00.0 - STA. 361+00.0 LT (1500.0 LF)
STA. 346+00.0 - STA. 361+00.0 RT (1500.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

MANCHESTER:
STA. 352+23.0 - STA. 357+23.0 RT (500.0 LF)
STA. 352+34.5 - STA. 355+09.5 LT (275.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

MANCHESTER:
STA. 351+85.5 - STA. 352+23.0 RT
STA. 351+97.0 - STA. 352+34.5 LT
STA. 355+09.5 - STA. 355+47.0 LT
STA. 357+23.0 - STA. 357+60.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

MANCHESTER:
STA. 351+87.0 - STA. 357+59.0 RT (572.0 LF)
STA. 352+02.0 - STA. 355+42.0 LT (340.0 LF)

676.10 DELINEATOR WITH STEEL POST

○ TYPE I WHITE

MANCHESTER:
STA. 351+85.5 RT
STA. 351+97.0 LT
STA. 355+47.0 LT
STA. 357+60.5 RT

● TYPE I AMBER W/ WHITE ON BACK

STA. 348+48.0 LT
STA. 351+12.0 LT
STA. 353+76.0 LT
STA. 356+40.0 LT
STA. 359+04.0 LT

● TYPE I WHITE W/ AMBER ON BACK

STA. 348+48.0 RT
STA. 351+12.0 RT
STA. 353+76.0 RT
STA. 356+40.0 RT
STA. 359+04.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOT TO SCALE

PROJECT
LAYOUT
SHEET #9

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040I09.1
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 21 OF 78

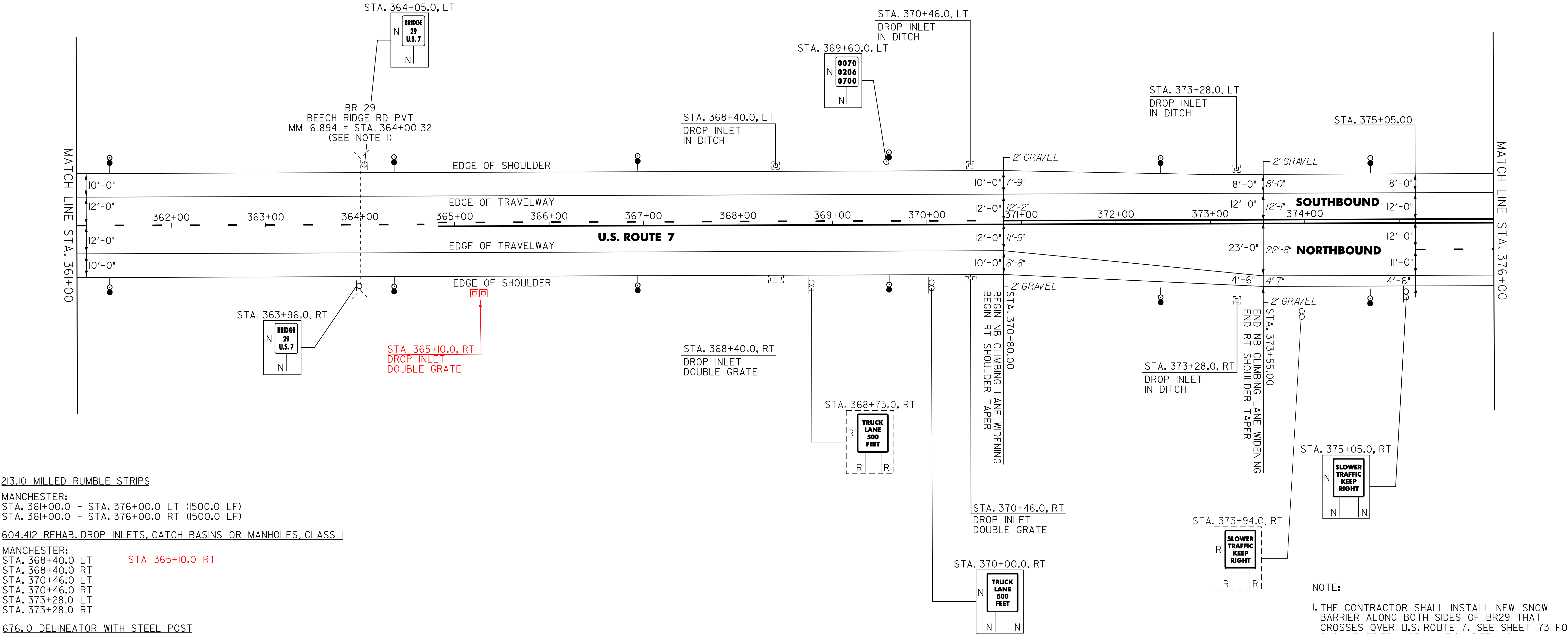
646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 361+00.00 - STA. 376+00.00 LT & RT
STA. 375+05.00 - STA. 376+00.00 DASHED LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 361+00.00 - STA. 376+00.00 LT & RT
STA. 375+05.00 - STA. 376+00.00 DASHED LANE LINE RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MANCHESTER:
STA. 361+00.00 - STA. 364+85.00 LT C RT
STA. 361+00.00 - STA. 364+85.00 - D D -
STA. 364+85.00 - STA. 370+80.00 D - S
STA. 370+80.00 - STA. 376+00.00 S - S

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MANCHESTER:
STA. 361+00.00 - STA. 364+85.00 LT C RT
STA. 361+00.00 - STA. 364+85.00 - D D -
STA. 364+85.00 - STA. 370+80.00 D - S
STA. 370+80.00 - STA. 376+00.00 S - S

675.50 REMOVING SIGNS
AS SHOWN - 2



213.10 MILLED RUMBLE STRIPS

MANCHESTER:
STA. 361+00.0 - STA. 376+00.0 LT (1500.0 LF)
STA. 361+00.0 - STA. 376+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

MANCHESTER:
STA. 368+40.0 LT STA 365+10.0 RT
STA. 368+40.0 RT
STA. 370+46.0 LT
STA. 370+46.0 RT
STA. 373+28.0 LT
STA. 373+28.0 RT

676.10 DELINEATOR WITH STEEL POST

TYPE I AMBER W/WHITE ON BACK TYPE I WHITE W/AMBER ON BACK

MANCHESTER:
STA. 361+68.0 LT
STA. 364+32.0 LT
STA. 366+96.0 LT
STA. 369+60.0 LT
STA. 372+24.0 LT
STA. 374+88.0 LT

MANCHESTER:
STA. 361+68.0 RT
STA. 364+32.0 RT
STA. 366+96.0 RT
STA. 369+60.0 RT
STA. 372+24.0 RT
STA. 374+88.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOTE:
1. THE CONTRACTOR SHALL INSTALL NEW SNOW BARRIER ALONG BOTH SIDES OF BR29 THAT CROSSES OVER U.S. ROUTE 7. SEE SHEET 73 FOR SNOW BARRIER INSTALLATION DETAILS.

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040110.1

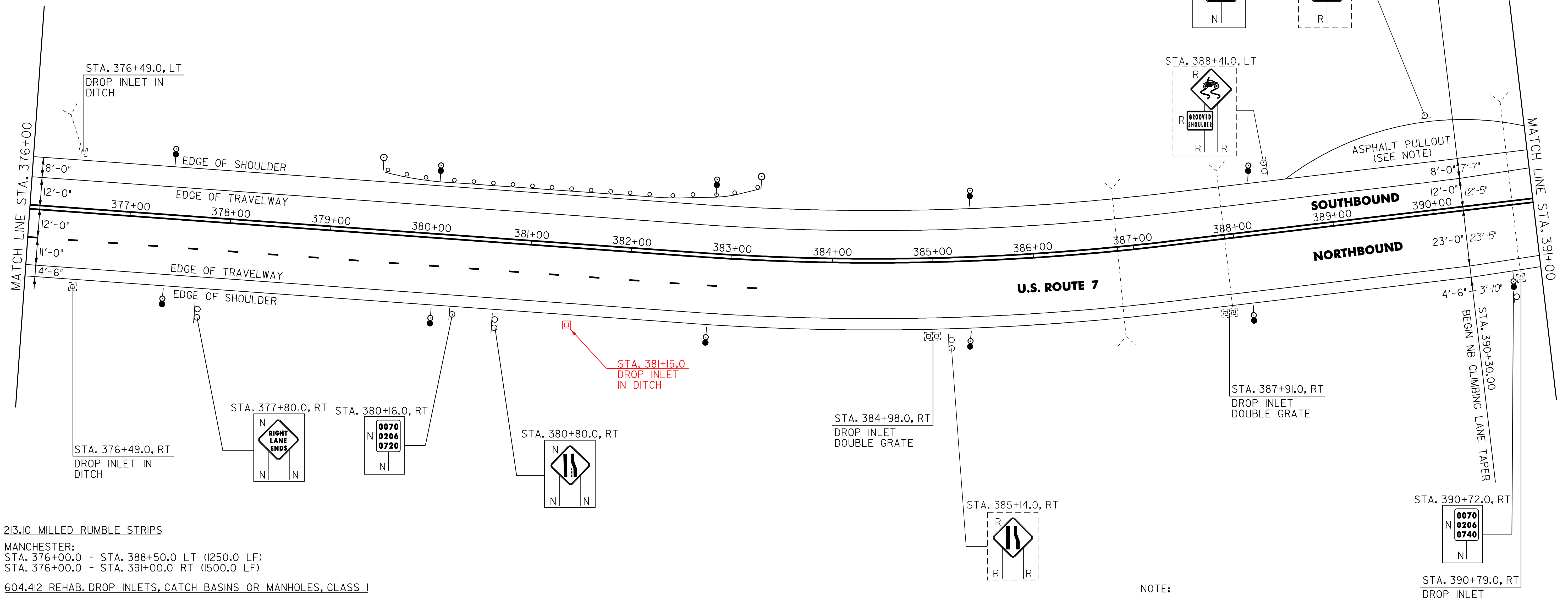
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 22 OF 78

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE
BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MANCHESTER:
STA. 376+00.00 - STA. 391+00.00 LT & RT
STA. 376+00.00 - STA. 383+18.00 DASHED LANE LINE RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

MANCHESTER:	LT	C	RT
STA. 376+00.00 - STA. 391+00.00	S	-	S

AS SHOWN - 5



MANCHESTER:
STA. 376+00.0 - STA. 388+50.0 LT (1250.0 LF)
STA. 376+00.0 - STA. 391+00.0 RT (1500.0 LF)

MANCHESTER:
STA. 376+49.0 LT STA. 381+15.0, RT
STA. 376+49.0 RT
STA. 384+98.0 RT
STA. 387+91.0 RT
STA. 390+79.0 RT

MANCHESTER:
STA. 379+88.0 - STA. 382+88.0 LT (300.0 LF)

MANCHESTER:
STA. 379+50.5 - STA. 379+88.0 LT
STA. 382+88.0 - STA. 383+25.5 LT

MANCHESTER:
STA. 379+55.0 - STA. 383+21.0 LT (366.0 LF)

○ TYPE I WHITE ● TYPE I AMBER W/ WHITE ON BACK ● TYPE I WHITE W/ AMBER ON BACK

STA. 379+50.5 LT	STA. 381+52.0 LT
STA. 383+25.5 LT	STA. 380+16.0 LT
	STA. 382+80.0 LT
	STA. 385+44.0 LT
	STA. 388+08.0 LT

STA. 377+52.0	RT
STA. 380+16.0	RT
STA. 382+80.0	RT
STA. 385+44.0	RT
STA. 388+08.0	RT
STA. 390+72.0	RT

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R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

```

1. THE EXISTING ASPHALT PULLOUT SHALL BE PAVED WITH A 2" TYPE III'S WEARING COURSE. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

PROJECT LAYOUT SHEET #11

FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010 11
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b040III.I	SHEET 23 OF 78

FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010 11:05
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b040I12.i	SHEET 24 OF 78

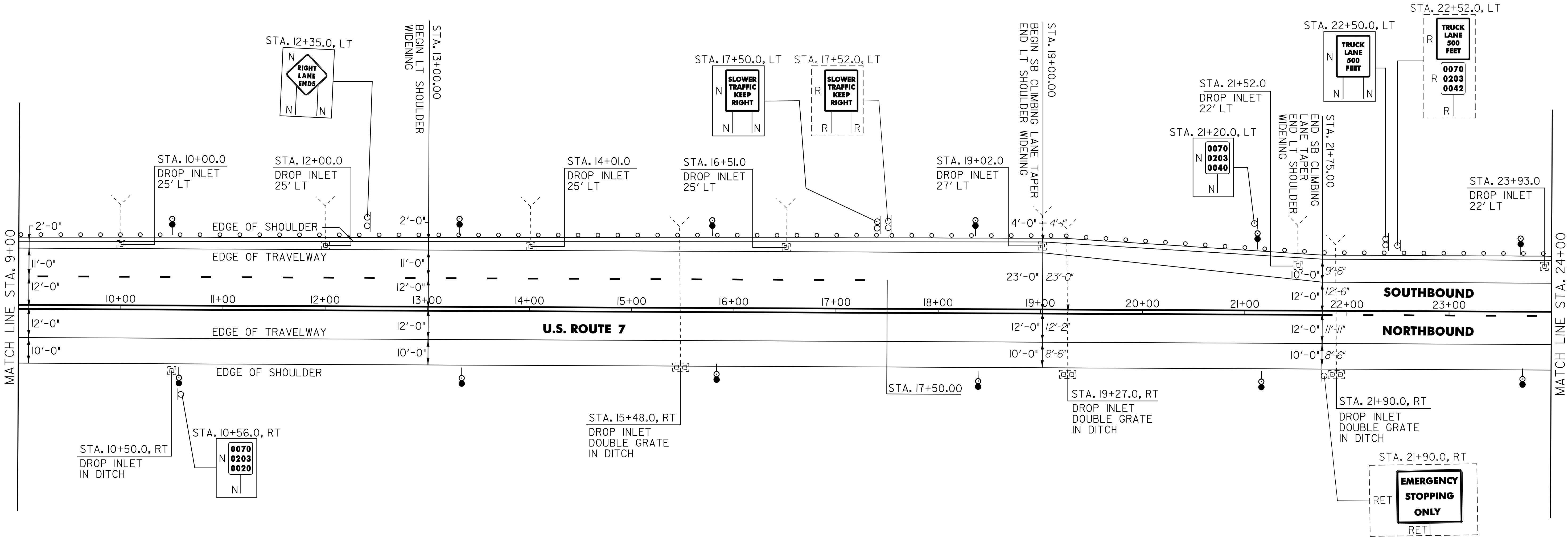
646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
DORSET:
STA. 9+00.00 - STA. 24+00.00 LT & RT
STA. 9+00.00 - STA. 17+50.00 DASHED LANE LINE LT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE
BREAKS AND RADIUS FOR TOWN HIGHWAYS)
DORSET:
STA. 9+00.00 - STA. 24+00.00 LT & RT
STA. 9+00.00 - STA. 17+50.00 DASHED LANE LINE LT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
DORSET:
STA. 9+00.00 - STA. 21+75.00 LT S - RT S
STA. 21+75.00 - STA. 24+00.00 S - D

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
DORSET:
STA. 9+00.00 - STA. 21+75.00 LT S - RT S
STA. 21+75.00 - STA. 24+00.00 S - D

675.50 REMOVING SIGNS
AS SHOWN - 3



213.10 MILLED RUMBLE STRIPS

DORSET:
STA. 19+00.0 - STA. 24+00.0 LT (500.0 LF)
STA. 9+00.0 - STA. 24+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

DORSET:
STA. 10+00.0 LT
STA. 10+50.0 RT
STA. 12+00.0 LT
STA. 14+01.0 LT
STA. 15+48.0 RT
STA. 16+51.0 LT
STA. 19+02.0 LT
STA. 19+27.0 RT
STA. 21+52.0 LT
STA. 21+90.0 RT
STA. 23+93.0 LT

616.35 TREATED TIMBER CURB

DORSET:
STA. 9+00.0 - STA. 24+00.0 LT (1500.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:
STA. 9+00.0 - STA. 24+00.0 LT (1500.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

DORSET:
STA. 9+00.0 - STA. 24+00.0 LT (1500.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I AMBER W/WHITE ON BACK TYPE I WHITE W/AMBER ON BACK

DORSET:
STA. 10+56.0 LT
STA. 13+20.0 LT
STA. 15+84.0 LT
STA. 18+48.0 LT
STA. 21+12.0 LT
STA. 23+76.0 LT

STA. 10+56.0 RT
STA. 13+20.0 RT
STA. 15+84.0 RT
STA. 18+48.0 RT
STA. 21+12.0 RT
STA. 23+76.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOT TO SCALE

PROJECT
LAYOUT
SHEET #13

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040113.1 SHEET 25 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)

DORSET:
STA. 24+00.00 - STA. 39+00.00 LT & RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE
BREAKS AND RADIUS FOR TOWN HIGHWAYS)

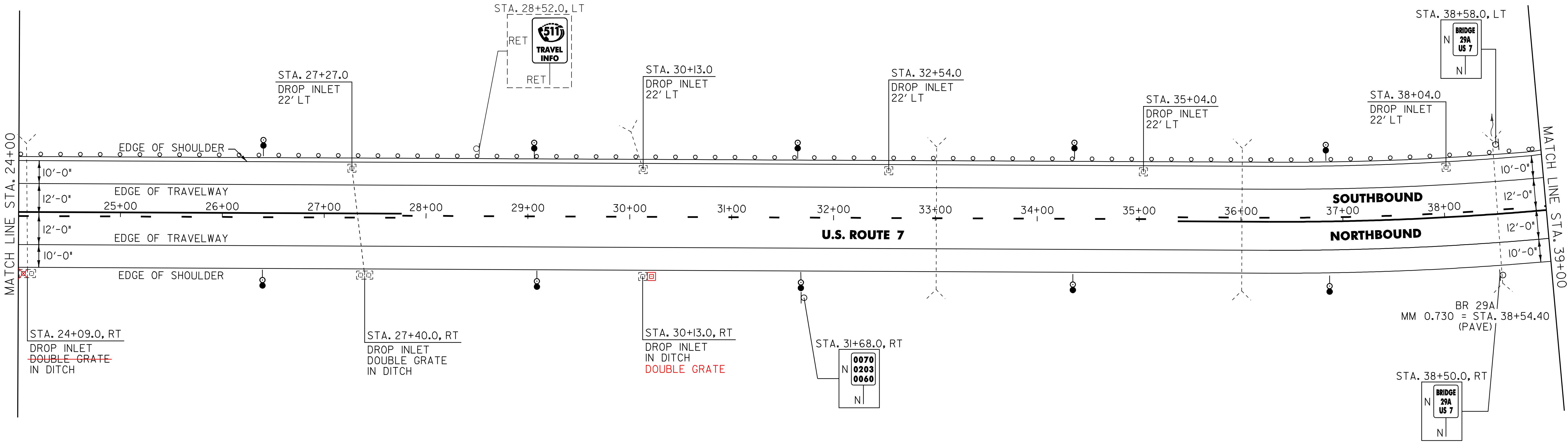
DORSET:
STA. 24+00.00 - STA. 39+00.00 LT & RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

DORSET:
STA. 24+00.00 - STA. 27+75.00 LT C RT
STA. 27+75.00 - STA. 35+40.00 S - D
STA. 35+40.00 - STA. 39+00.00 D - S

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED

DORSET:
STA. 24+00.00 - STA. 27+75.00 LT C RT
STA. 27+75.00 - STA. 35+40.00 - D -
STA. 35+40.00 - STA. 39+00.00 D - S



213.10 MILLED RUMBLE STRIPS

DORSET:
STA. 24+00.0 - STA. 39+00.0 LT (1500.0 LF)
STA. 24+00.0 - STA. 39+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

DORSET:
STA. 24+09.0 RT
STA. 27+27.0 LT
STA. 27+40.0 RT
STA. 30+13.0 LT
STA. 30+13.0 RT
STA. 32+54.0 LT
STA. 35+04.0 LT
STA. 38+04.0 LT

616.35 TREATED TIMBER CURB

DORSET:
STA. 24+00.0 - STA. 39+00.0 LF (1500.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:
STA. 24+00.0 - STA. 39+00.0 LT (1,500.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

DORSET:
STA. 24+00.0 - STA. 39+00.0 LT (1500.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE 1 AMBER W/WHITE ON BACK TYPE 1 WHITE W/AMBER ON BACK

DORSET:
STA. 26+40.0 LT STA. 26+40.0 RT
STA. 29+04.0 LT STA. 29+04.0 RT
STA. 31+68.0 LT STA. 31+68.0 RT
STA. 34+32.0 LT STA. 34+32.0 RT
STA. 36+96.0 LT STA. 36+96.0 RT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOT TO SCALE

PROJECT LAYOUT SHEET #14

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040114.1 SHEET 26 OF 78

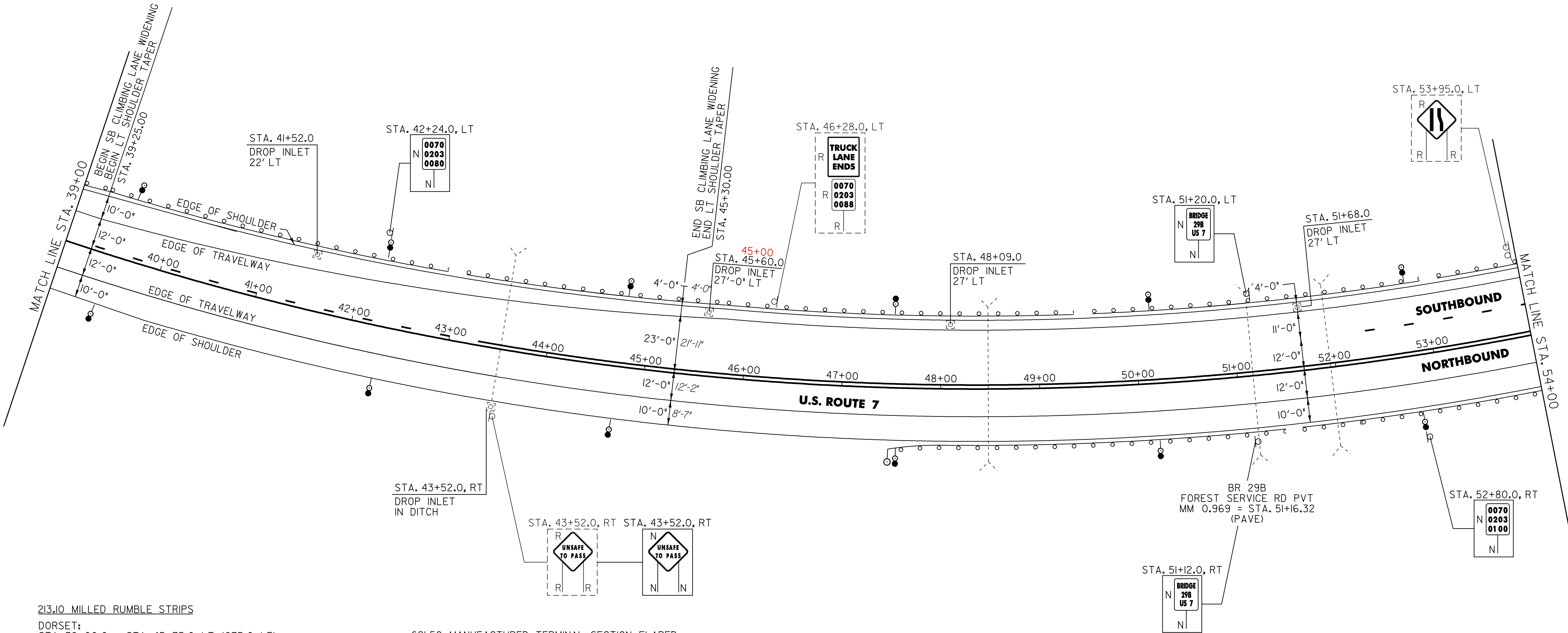
646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
DORSET:
STA. 39+00.00 - STA. 54+00.00 LT & RT
STA. 52+42.00 - STA. 54+00.00 DASHED LANE LINE LT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE
BREAKS AND RADIUS FOR TOWN HIGHWAYS)
DORSET:
STA. 39+00.00 - STA. 54+00.00 LT & RT
STA. 52+42.00 - STA. 54+00.00 DASHED LANE LINE LT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
DORSET:
STA. 39+00.00 - STA. 43+30.00 LT C RT
STA. 39+00.00 - STA. 43+30.00 D - S
STA. 43+30.00 - STA. 54+00.00 S - S

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
DORSET:
STA. 39+00.00 - STA. 43+30.00 LT C RT
STA. 39+00.00 - STA. 43+30.00 D - S
STA. 43+30.00 - STA. 54+00.00 S - S

675.50 REMOVING SIGNS
AS SHOWN - 4



213.10 MILLED RUMBLE STRIPS

DORSET:
STA. 39+00.0 - STA. 45+75.0 LT (675.0 LF)
STA. 39+00.0 - STA. 54+00.0 RT (1500.0 LF)

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I

DORSET:
STA. 41+52.0 LT
STA. 43+52.0 RT
STA. 45+60.0 LT 45+00 LT
STA. 48+09.0 LT
STA. 51+68.0 LT

616.35 TREATED TIMBER CURB

DORSET:
STA. 39+00.0 - STA. 54+00.0 LT (1500.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:
STA. 39+00.0 - STA. 54+00.0 LT (1,500.0 LF)
STA. 47+78.0 - STA. 54+00.0 RT (622.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

DORSET:
STA. 47+40.5 - STA. 47+78.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

DORSET:
STA. 39+00.0 - STA. 54+00.0 LT (1500.0 LF)
STA. 47+41.0 - STA. 54+00.0 RT (659.0 LF)

676.10 DELINEATOR WITH STEEL POST

○ TYPE I WHITE ● TYPE I AMBER W/ WHITE ON BACK ○ TYPE I WHITE W/ AMBER ON BACK

DORSET:
STA. 47+40.5 RT STA. 39+60.0 LT STA. 39+60.0 RT
STA. 42+24.0 LT STA. 42+24.0 RT
STA. 44+88.0 LT STA. 44+88.0 RT
STA. 47+52.0 LT STA. 47+52.0 RT
STA. 50+16.0 LT STA. 50+16.0 RT
STA. 52+80.0 LT STA. 52+80.0 RT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = -----

NOT TO SCALE

PROJECT LAYOUT SHEET #15

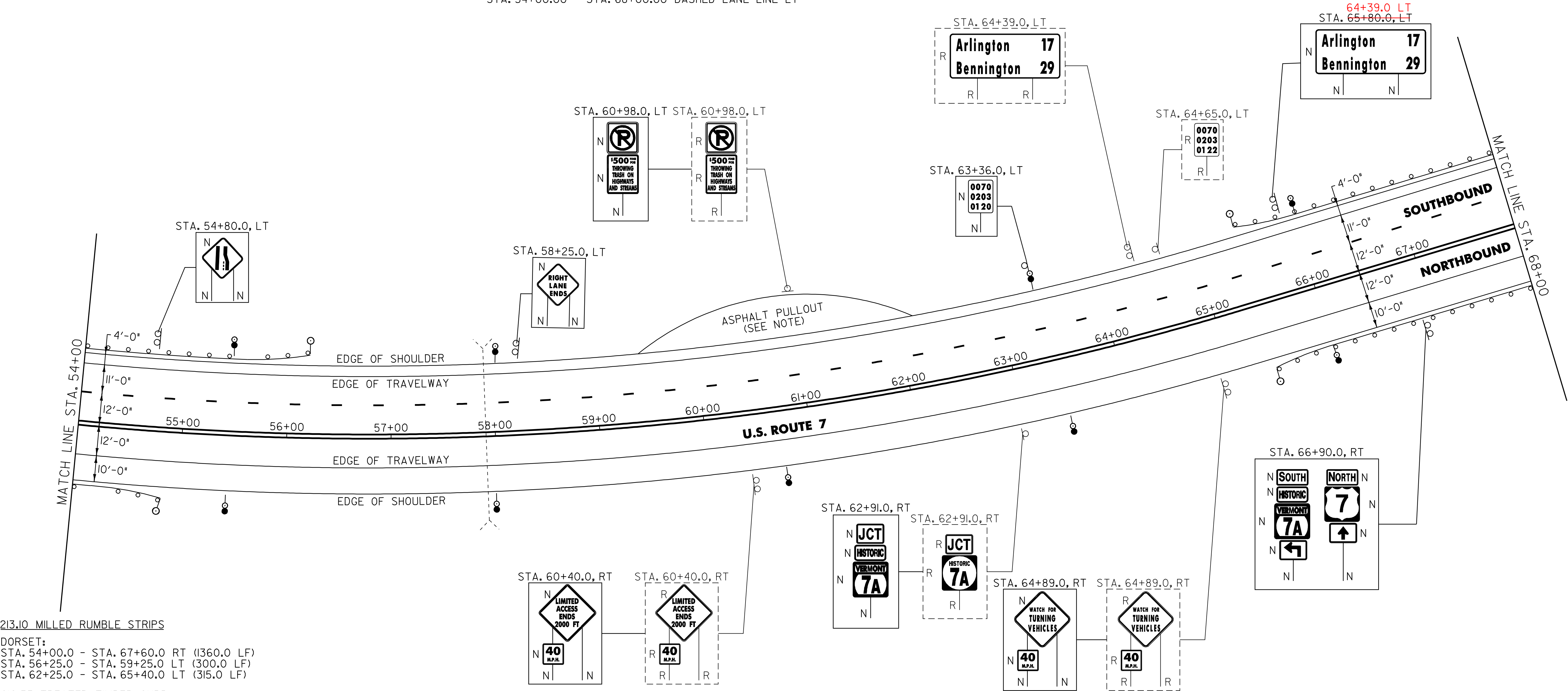
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040115.1 SHEET 27 OF 78

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
DORSET:
STA. 54+00.00 - STA. 68+00.00 LT & RT
STA. 54+00.00 - STA. 68+00.00 DASHED LANE LINE LT
646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE
BREAKS AND RADIUS FOR TOWN HIGHWAYS)
DORSET:
STA. 54+00.00 - STA. 68+00.00 LT & RT
STA. 54+00.00 - STA. 68+00.00 DASHED LANE LINE LT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
DORSET:
STA. 54+00.00 - STA. 68+00.00 LT C RT
S - S
646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS) S=SOLID, D=DASHED
DORSET:
STA. 54+00.00 - STA. 68+00.00 LT C RT
S - S

675.50 REMOVING SIGNS
AS SHOWN - IO



213.10 MILLED RUMBLE STRIPS

DORSET:
STA. 54+00.0 - STA. 67+60.0 RT (1360.0 LF)
STA. 56+25.0 - STA. 59+25.0 LT (300.0 LF)
STA. 62+25.0 - STA. 65+40.0 LT (315.0 LF)

616.35 TREATED TIMBER CURB

DORSET:
STA. 54+00.0 - STA. 54+63.0 LT (63.0 LF)

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

DORSET:
STA. 54+66.0 - STA. 54+76.0 LT (0.4 TON)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:
STA. 54+00.0 - STA. 55+83.5 LT (83.5 LF) 175.0 LF
STA. 54+00.0 - STA. 54+40.5 RT (40.5 LF) 53.0 LF
STA. 65+79.0 - STA. 68+00.0 LT (221.0 LF) 67+66.5 (187.5 LF)
STA. 65+80.5 - STA. 67+80.5 RT (200.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

DORSET:
STA. 54+40.5 - STA. 54+78.0 RT
STA. 55+83.5 - STA. 56+21.0 LT
STA. 65+41.5 - STA. 65+79.0 LT
STA. 65+43.0 - STA. 65+80.5 RT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

DORSET:
STA. 67+80.5 - STA. 68+00.0 RT
STA. 67+66.5 - STA. 68+00 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

DORSET:
STA. 54+00.0 - STA. 54+78.0 RT (78.0 LF)
STA. 54+00.0 - STA. 56+19.0 LT (219.0 LF)
STA. 66+52.0 - STA. 68+00.0 RT (148.0 LF)
STA. 66+64.0 - STA. 68+00.0 LT (136.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE TYPE I AMBER W/WHITE ON BACK TYPE I WHITE W/AMBER ON BACK

DORSET:
STA. 54+78.0 RT STA. 55+44.0 LT STA. 55+44.0 RT
STA. 56+21.0 LT STA. 58+08.0 LT STA. 58+08.0 RT
STA. 65+41.5 LT STA. 63+36.0 LT STA. 60+72.0 RT
STA. 65+43.0 RT STA. 66+00.0 LT STA. 63+36.0 RT
STA. 66+00.0 RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = -----

NOTE:

I. THE EXISTING ASPHALT PULLOUT SHALL BE PAVED WITH 2" TYPE IIIS WEARING COURSE. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PREFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: p06b040I16.1 SHEET 28 OF 78

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:

~~STA. 68+00.0 - STA. 68+04.0 LT (4.0 LF)~~
~~STA. 69+54.5 - STA. 73+30.0 LT (375.5 LF)~~
~~STA. 69+42.0 - STA. 73+18.5 RT (376.5 LF)~~
~~STA. 74+71.5 - STA. 75+09.0 LT (37.5 LF) (50 LF)~~
~~STA. 74+64.0 - STA. 77+39.0 RT (275.0 LF)~~
~~STA. 77+08.5 - STA. 79+00.0 LT (191.5 LF)~~
~~STA. 75+01.5 - STA. 77+39 RT (225 LF)~~

621.50 MANUFACTURED TERMINAL SECTION, FLARED

DORSET:

STA. 75+09.0 - STA. 75+46.5 LT
STA. 76+71.0 - STA. 77+08.5 LT
STA. 77+39.0 - STA. 77+76.5 RT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

DORSET:

STA. 68+00.0 - STA. 68+30.5 RT
STA. 69+04.5 - STA. 69+54.5 LT
STA. 73+18.5 - STA. 73+68.5 RT
STA. 74+21.5 - STA. 74+71.5 LT

621.71 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE II

DORSET:

~~STA. 68+04.0 - STA. 68+16.5 LT~~
~~STA. 69+29.5 - STA. 69+42.0 RT~~
~~STA. 73+30.0 - STA. 73+42.5 LT~~
~~STA. 74+51.5 - STA. 74+64.0 RT~~

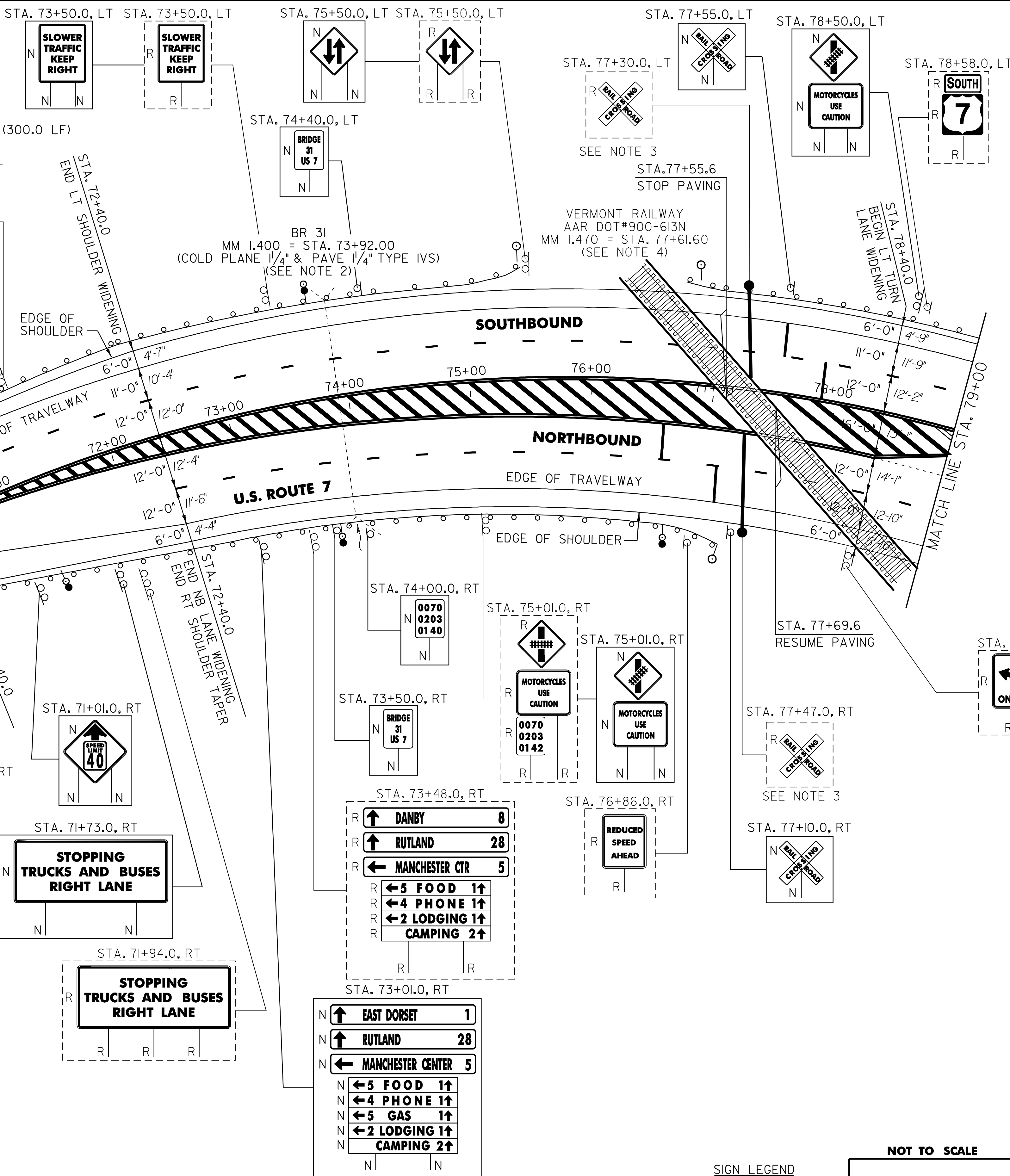
675.50 REMOVING SIGNS

AS SHOWN - 27

213.10 MILLED RUMBLE STRIPS

DORSET:

STA. 69+40.0 - STA. 72+40.0 RT (300.0 LF)



646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

DORSET:

STA. 68+00.00 - STA. 79+00.00 LT & RT
STA. 68+00.00 - STA. 79+00.00 DASHED LANE LINE, LT
STA. 72+40.00 - STA. 79+00.00 DASHED LANE LINE, RT
STA. 78+40.00 - STA. 79+00.00 DOTTED LANE LINE, RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

DORSET:

STA. 68+00.00 - STA. 79+00.00 LT & RT
STA. 68+00.00 - STA. 79+00.00 DASHED LANE LINE, LT
STA. 72+40.00 - STA. 79+00.00 DASHED LANE LINE, RT
STA. 78+40.00 - STA. 79+00.00 DOTTED LANE LINE, RT

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED

(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

DORSET:

STA. 68+00.00 - STA. 70+40.00 LT & RT
STA. 70+40.00 - STA. 79+00.00 DOUBLE SOLID MEDIAN LT & RT

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

DORSET:

STA. 68+00.00 - STA. 70+40.00 LT & RT
STA. 70+40.00 - STA. 79+00.00 DOUBLE SOLID MEDIAN LT & RT

646.476 DURABLE 12 INCH YELLOW LINE, RECESSED

DORSET:

STA. 70+40.00 - STA. 79+00.00 HATCHED MEDIAN LT & RT

646.512 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC

DORSET:

STA. 69+70.00 RT (1 EA)

646.712 TEMPORARY RAILROAD CROSSING SYMBOL, PAINT

DORSET:

STA. 69+70.00 RT (1EA)

NOTES:

1. SEE SHEET 70 FOR BR 30 DETAILS.
2. SEE SHEET 71 FOR BR 31 DETAILS.
3. REMOVE EXISTING RAILROAD CROSSBUCK SIGN LOCATED ON RAILROAD SIGNAL POST.
4. SEE SHEETS 74-76 FOR RAIL CROSSING DETAIL SHEETS

616.35 TREATED TIMBER CURB

DORSET:

STA. 69+20 - STA. 69+51.0 RT (35.0 LF)

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

DORSET:

STA. 69+62.0 - STA. 69+66.0 RT (0.2 TON)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

DORSET:

STA. 68+00.0 - STA. 68+18.0 LT (18.0 LF)
STA. 69+04.0 - STA. 73+33.0 LT (429.0 LF)
STA. 69+27.0 - STA. 73+72.0 RT (445.0 LF)
STA. 74+18.0 - STA. 75+46.5 LT (128.5 LF)
STA. 74+52.0 - STA. 77+85.0 RT (333.0 LF)
~~STA. 76+21.0 - STA. 78+74.0 LT (253.0 LF)~~
~~STA. 76+74.0 (200.0 LF)~~

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

TYPE I AMBER W/WHITE ON BACK

TYPE I WHITE W/AMBER ON BACK

DORSET:

STA. 75+46.5 LT
STA. 76+71.5 LT
STA. 77+08.0 RT

STA. 68+64.0 LT
STA. 71+28.0 LT
STA. 73+92.0 LT

STA. 68+64.0 RT
STA. 71+28.0 RT
STA. 73+92.0 RT
STA. 76+56.0 RT

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = -----
NEW = _____

NOT TO SCALE

PROJECT
LAYOUT
SHEET #17

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040i17.i
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 29 OF 78

AS SHOWN - ~~39~~ 32



PROJECT LAYOUT SHEET #18

COURSE 1:
STA. 79+00.00 - STA. 81+00.00 DASHED LANE LINE LT
STA. 79+00.00 - STA. 85+00.00 LT & RT
STA. 79+00.00 - STA. 83+05.00 DASHED LANE LINE RT
STA. 79+00.00 - STA. 79+35.00 DOTTED LANE LINE RT
STA. 79+35.00 - STA. 81+20.00 SOLID LANE LINE RT
STA. 81+47.04 EDGE LINE LT, HISTORIC VT. ROUTE 7A

DORSET:
STA. 79+00.00 - STA. 81+00.00 DOUBLE SOLID MEDIAN LT & RT
STA. 81+75.00 - STA. 85+00.00 DOUBLE SOLID MEDIAN LT & RT
STA. 81+47.04 DOUBLE SOLID LT, HISTORIC VT. ROUTE 7A

DORSET:
STA. 79+00.00 - STA. 81+00.00 HATCHED MEDIAN LT & RT
STA. 81+75.00 - STA. 85+00.00 HATCHED MEDIAN LT & RT

DORSET:
STA. 8I+47.04 LT, HISTORIC VT. ROUTE 7A

DORSET:
STA. 79+00.00 - STA. 81+00.00 DOUBLE SOLID MEDIAN LT & RT
STA. 81+75.00 - STA. 85+00.00 DOUBLE SOLID MEDIAN LT & RT
STA. 81+47.04 DOUBLE SOLID LT, HISTORIC VT. ROUTE 7A

DORSET:
STA. 79+00.00 - STA. 81+00.00 DASHED LANE LINE LT
STA. 79+00.00 - STA. 85+00.00 LT & RT
STA. 79+00.00 - STA. 83+05.00 DASHED LANE LINE RT
STA. 79+00.00 - STA. 79+35.00 DOTTED LANE LINE RT
STA. 79+35.00 - STA. 81+20.00 SOLID LANE LINE RT
STA. 81+47.04 EDGE LINE, LT, HISTORIC VT. ROUTE 7A

DORSET:
STA. 81+47.04 LT, HISTORIC VT. ROUTE 7A

DORSET:

STA. 79+39.00	RT, ARROW	(1 EA)
STA. 80+12.00	RT, "O,N,L,Y"	(4 EA)
STA. 80+85.00	RT, ARROW	(1 EA)
STA. 81+46.00	LT, "S,T,O,P"	(4 EA)
STA. 81+46.00	LT, YIELD LINE	(5 EA)
STA. 84+49.00	LT, "A,H,E,A,D"	(5 EA)
STA. 84+81.00	LT, "Y,I,E,L,D"	(5 EA)

DORSET:		
STA. 79+39.00	RT, ARROW	(1EA)
STA. 80+85.00	RT, ARROW	(1EA)
STA. 81+46.00	LT, "S,T,O,P"	(4 EA)
STA. 81+46.00	LT, YIELD LINE	(5 EA)
STA. 84+49.00	LT, "A,H,E,A,D"	(5 EA)
STA. 84+81.00	LT, "Y,I,E,L,D"	(5 EA)

FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b040i18.i	SHEET 30 OF 78

646.436 DURABLE 6 INCH YELLOW LINE, RECESSED
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

DORSET:
STA. 86+25.00 - STA. 92+13.60
STA. 85+00.00 - STA. 86+25.00 DOUBLE SOLID MEDIAN LT & RT
STA. 90+39.36 DOUBLE SOLID RT, TH-5

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

DORSET:
STA. 86+25.00 - STA. 92+13.60
STA. 85+00.00 - STA. 86+25.00 DOUBLE SOLID MEDIAN LT & RT
STA. 90+39.36 DOUBLE SOLID RT, TH-5

646.426 DURABLE 6 INCH WHITE LINE, RECESSED
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

DORSET:
STA. 85+00.00 - STA. 92+13.60 LT & RT
STA. 88+53.00 - STA. 92+13.60 DOTTED LANE LINE LT

646.466 DURABLE 12 INCH WHITE LINE, RECESSED

DORSET:
STA. 86+25.00 - STA. 88+53.00 GORE AREA LT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

DORSET:
STA. 85+00.00 - STA. 92+13.60 LT & RT
STA. 88+53.00 - STA. 92+13.60 DOTTED LANE LINE LT

646.476 DURABLE 12 INCH YELLOW LINE, RECESSED

DORSET:
STA. 85+00.00 - STA. 86+25.00 HATCHED MEDIAN LT & RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

DORSET:
STA. 90+39.36 RT, TH-5

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

DORSET:
STA. 90+39.36 RT, TH-5

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

DORSET:
STA. 90+39.36 RT, TH-5 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

DORSET:
STA. 90+39.36 RT, TH-5 "S,T,O,P" (4 EA)

646.512 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC

DORSET:
STA. 85+90.00 LT (1EA)

646.712 TEMPORARY RAILROAD CROSSING SYMBOL, PAINT

DORSET:
STA. 85+90.00 LT (1EA)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

DORSET:
STA. 88+28.8 - STA. 88+66.3 RT
STA. 91+81.0 - STA. 92+18.5 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:
STA. 88+66.3 - STA. 89+66.3 RT (100.0 LF)
STA. 90+03.8 - STA. 90+18.3 RT (14.5 LF)
STA. 90+29.0 - STA. 90+43.5 LT (14.5 LF)
STA. 90+81.0 - STA. 91+81.0 LT (100.0 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

DORSET:
STA. 89+66.3 - STA. 89+91.3 RT (32.5 LF)
STA. 90+56.0 - STA. 90+81.0 LT (32.5 LF)

621.60 ANCHOR FOR STEEL BEAM RAIL

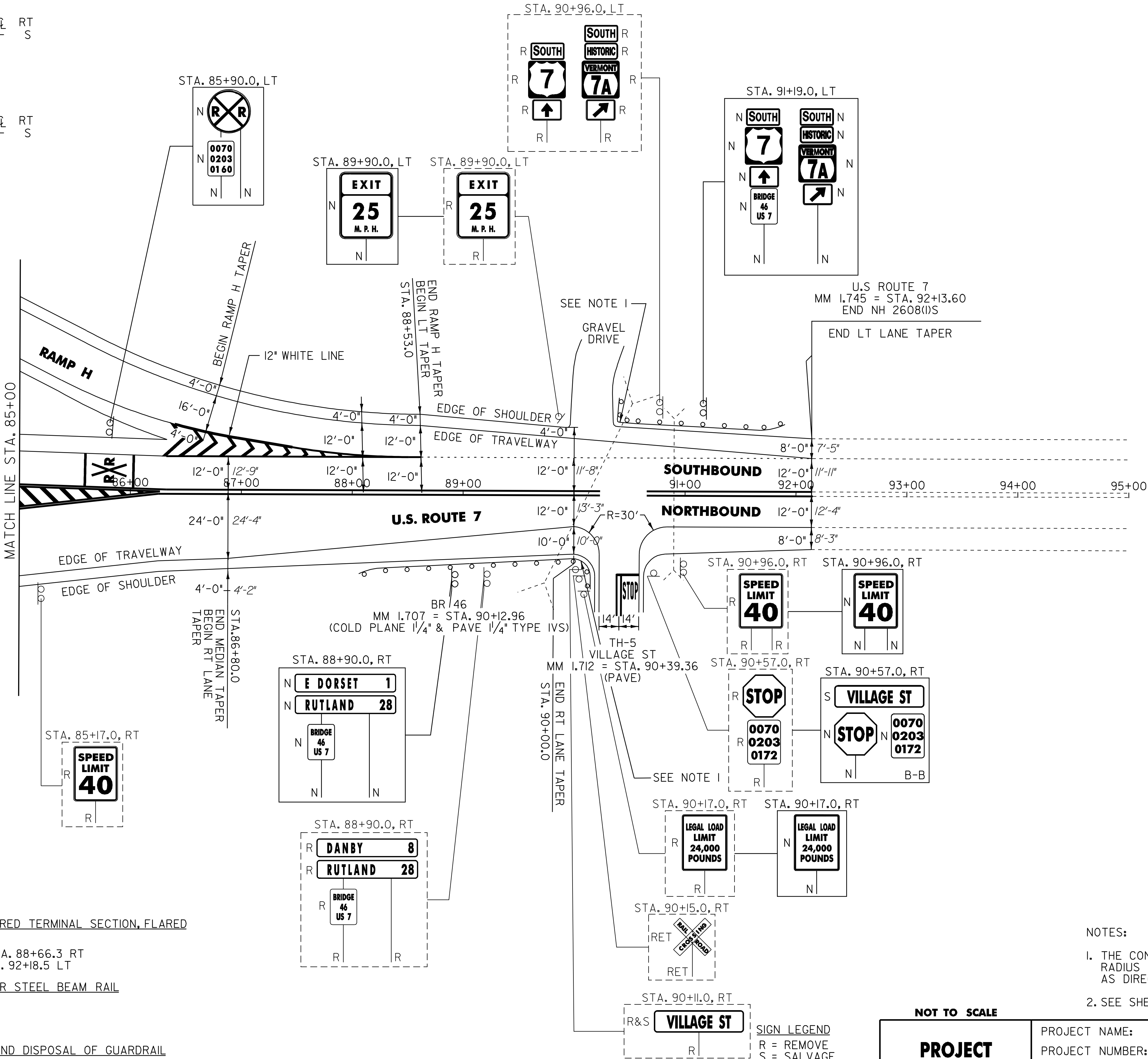
DORSET:
STA. 90+18.3 RT
STA. 90+29.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

DORSET:
STA. 88+28.0 - STA. 89+91.3 RT (163.3 LF)
STA. 90+03.8 - STA. 90+19.0 RT (15.2 LF)
STA. 90+32.0 - STA. 90+43.5 LT (12.5 LF)
STA. 90+56.0 - STA. 91+69.0 LT (133.0 LF)

LT Q RT
S - S

LT Q RT
S - S



- NOTES:
- THE CONTRACTOR SHAL INSTALL A NEW 16' RADIUS PANEL WITH ANCHORS AT EACH END AS DIRECTED BY THE RESIDENT ENGINEER.
 - SEE SHEET 72 FOR BR 46 DETAILS.

675.50 REMOVING SIGNS
AS SHOWN - 17

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

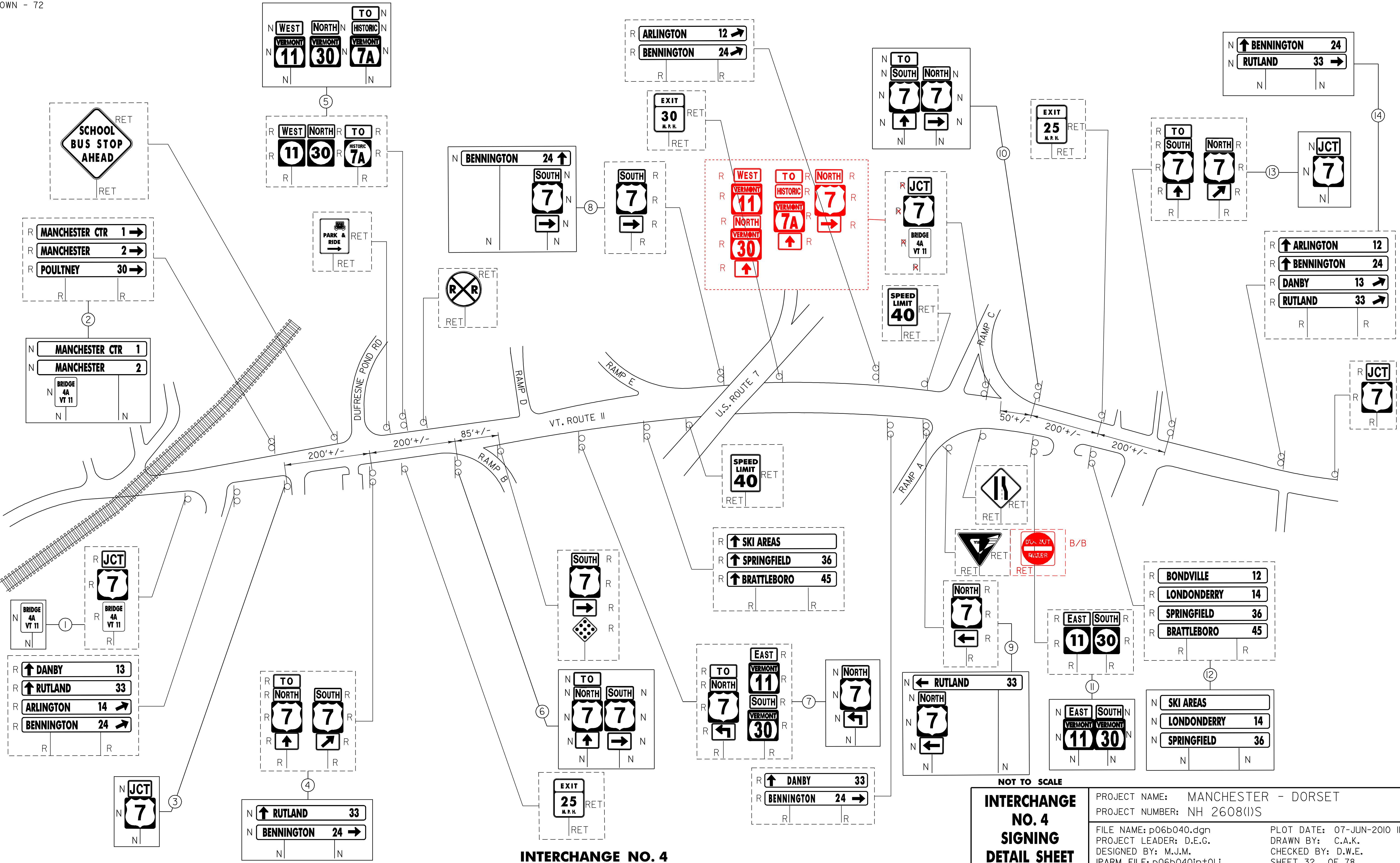
NOT TO SCALE

PROJECT
LAYOUT
SHEET #19

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040119.i

PLOT DATE: 07-JUN-2010 11:55
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 31 OF 78



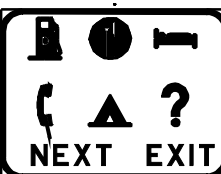
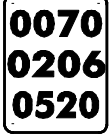
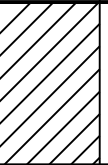
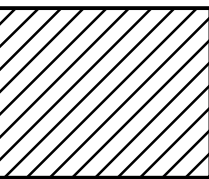
INTERCHANGE NO. 4

NOT TO SCALE
**INTERCHANGE
NO. 4
SIGNING
DETAIL SHEET**

PROJECT NAME: MANCHESTER - DORSET	PLOT DATE: 07-JUN-2010 11
PROJECT NUMBER: NH 2608(1)S	DRAWN BY: C.A.K.
FILE NAME: p06b040.dgn	CHECKED BY: D.W.E.
DESIGNED BY: M.J.M.	SHEET 32 OF 78
IPARM FILE: p06b040in+01.i	

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

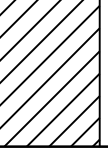
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAI N SALVAGE	NO. OF POSTS	NEW SIGN POSTS						TUBULAR ALUMINUM								TUBULAR STEEL								W-SHAPE STEEL							R E F O R A I G M E D	REMARKS				SIGN DETAIL	
											FLANGED CHANNEL						SQUARE STEEL																													
		E A	WIDTH (in)	HEIGHT (in)	''A''	''B''	SALV SIGN	SALV TIS			I.12	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE	24"	30"														
																											lb/ft	lb/ft					lb/ft	24"	30"											
												OPTION ITEMS ()																																		
MANCHESTER: 260+40.0, RT		I	36	36	9.00								X 2@14'																				SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R3-2		E-I43											
263+64.0, LT		I	96	30	20.00																					2		1@19' 1@20' 4@5' 819	W8x21		SIGN ID CODE EI-5		E-I31													
		I	240	132		220.00																										CALCULATED BOLT TENSION IS 27.8 KIPS	61													
264+00.0, LT		I	6	10	0.42						I	X 7'		X			X															SIGN ID CODE VD-700		E-I38												
271+55.0,RT		I	6	8	0.33						I	X 7'		X			X															SIGN ID CODE VD-701		E-I34												
271+64.0, LT		I	96	84		56.00					2								2		1@16.5' 1@18.75' 290 317.25												62													
271+65.0,LT		I	6	8	0.33						I	X 7'		X			X															SIGN ID CODE VD-701		E-I34												
274+56.0, RT		I	6	10	0.42						I	X 7'		X			X															SIGN ID CODE VD-700		E-I38												
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."												LF - (56) 28	LF	LF 28 (-)	LF - (56)	LF	LF	LF		EA.	LB	LB	LB		LB	LB 290 317.25	LB	LB		EA.	EA.	LB 405 819	TRAFFIC SIGN SUMMARY SHEET #2		PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S											
					TOTALS	SF 30.50	SF 276.00	EA.	SF		LF 28 (56)	LF - (56)				LB			EA. 2	LB 290 317.25				EA. 2	EA.	LB 405 819	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE:p06b040+ss02.i		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 34 OF 78																	

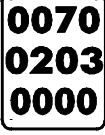
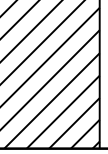
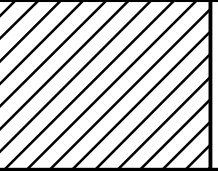
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

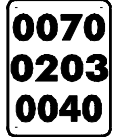
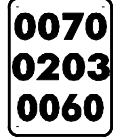
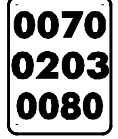
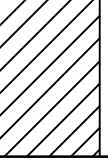
TRAFFIC SIGN SUMMARY SHEET 3

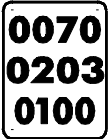
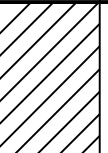
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN S ALV AGE	NO. OF P O S T S	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)					W-SHAPE STEEL			RE QUI RE D S I G N M E D	REMARKS	SIGN DETAIL					
																															DETAIL ON DWG. NUMBER	STD. SHEET NUMBER				
		E A	WIDTH (In)	HEIGHT (In)	“A”	“B”	SALV SIGN	SALV TIS			Ib/f†	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE								
																									24"	30"										
OPTION ITEMS ()																																				
MANCHESTER: 275+14.0, RT		I	30	15	3.13																										SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE M3-1		E-136A			
		I	36	36	9.00																										SIGN ID CODE MI-4		E-136A			
277+60.0, RT		I	24	30	5.00																										SIGN ID CODE VR-023B		E-144			
		I	24	24	4.00																										SIGN ID CODE R8-3A		E-143			
279+28.0, RT		I	36	36	9.00																										SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VM-397	63				
		I	24	18	3.00																										SIGN ID CODE VP-396		E-153B			
282+76.0, LT		I	96	30	20.00																										SIGN ID CODE EI-5		E-131			
		I	228	156		247.00																										CALCULATED BOLT TENSION IS 30.8 KIPS	61			
285+12.0, LT		I	6	10	0.42																										SIGN ID CODE VD-700		E-138			
291+39.0, RT		I	120	60		50.00																										61				
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."												LF (14) 21	LF 64.67 (14)	LF (14)	LF (14)	LF (14)	EA.	LB	LB	LB		LB 190 199.5	LB	LB	LB	LB										
												LF 56 (28)	LF 64.67 (28)	LF (28)				LB		EA. 2		LB 199.5 190		EA.	EA. 2	LB 1350 659	TRAFFIC SIGN SUMMARY SHEET #3				PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss03.i				PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 35 OF 78	

STATE OF VERMONT AGENCY OF TRANSPORTATION																																			TRAFFIC SIGN SUMMARY SHEET 4														
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN S ALV AGE	NO. OF POSTS	NEW SIGN POSTS																				REMARKS	SIGN DETAIL																	
											FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			DETAIL ON DWG. NUMBER	STD. SHEET NUMBER																					
		1.12	2.0	3.0	1.75	2.0	2.5	3.0			4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE																												
																		1.88	2.16			3.35	24"	30"																									
												lb/ft				lb/ft			lb/ft				lb/ft																										
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STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 7																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL			
					“A”	“B”	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL				SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL					REQUIRE D	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER	
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE						
																										1.2	2.0			3.0					1.88
OPTION ITEMS ()																																			
MANCHESTER: 370+00.0, RT		I	36	48	12.00							2			2@16' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R4-6		E-141
375+05.0, RT		I	36	48	12.00							2			1@15.75' X 1@15.17'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R4-3		E-151
377+80.0, RT		I	36	36	9.00							2			1@15' X 1@14.75'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W9-1R	62	
380+16.0, RT		I	6	10	0.42							I	X 7'		X		X																SIGN ID CODE VD-700		E-138
380+80.0, RT		I	36	36	9.00							2			1@15.25' X 1@14.75'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W4-2R		E-151
390+03.0, LT		I	24	30	5.00							I			X 1@16'	X		X															SIGN ID CODE VR-023B		E-144
		I	24	24	4.00																												SIGN ID CODE R8-3A		E-143
390+72.0, RT		I	6	10	0.42							I	X 7'		X		X																SIGN ID CODE VD-700		E-138
391+46.0, LT		I	36	36	9.00							2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-092		E-150
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."													LF - (28) (14)	LF	LF 140 (14) 166.67	LF - (28) (14)	LF - (14)	LF		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #7	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S	
													LF 140 (14) 166.67 (42) (14) OPTION	LF - (42)					LB		EA.	LB				EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss07.1		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 39 OF 78				

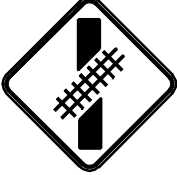
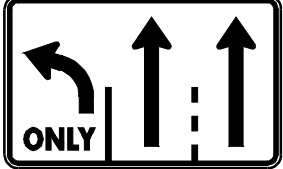
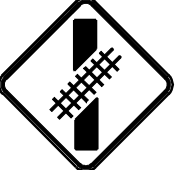
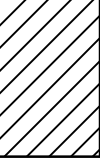
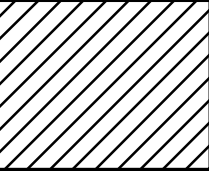
STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 8																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL			
					"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL		SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE D SIGN MATERIAL	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER					
		lb/ft	3.0	1.75								2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE								
				1.12								2.0	1.88			2.16	3.35	1.3		1.7	1.7	7.6	9.0	10.8	14.6							24"	30"		
OPTION ITEMS ()																																			
MANCHESTER: 393+50.0, LT		I	36	36	9.00						2			2@16' X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VM-397	63		
		I	24	18	3.00																											SIGN ID CODE VP-396		E-153B	
395+89.0, RT		I	36	36	9.00						2			1@16' X 1@15.5'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-092		E-150	
397+05.6, LT		I	36	24	6.00						2			2@14' X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	62		
		I	6	10	0.42																											SIGN ID CODE VD-700		E-138	
DORSET: 0+00.0, RT		I	36	24	6.00						2			1@14.5' X 1@15'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	62		
		I	6	10	0.42																											SIGN ID CODE VD-700		E-138	
8+80.0, LT		I	36	36	9.00						2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W4-2R		E-151	
10+56.0, RT		I	6	10	0.42						I	X 7'			X			X														SIGN ID CODE VD-700		E-138	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF (44) (7)	LF	LF (-) I40 I49	LF (14)	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #8	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S	
					TOTALS	SF 43.26	SF	EA.	SF		LF (44) (7) OPTION I40 I49	LF (14)				LB			EA.	LB				EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss08.i	PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 40 OF 78							

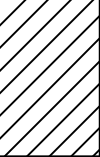
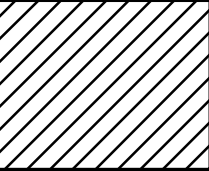
STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 9																														
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			RE QUI RE D	DETAIL ON DWG. NUMBER		STD. SHEET NUMBER		
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT					POST SIZE	
																										1.2	2.0							3.0
OPTION ITEMS ()																																		
DORSET: 12+35.0, LT		I	36	36	9.00						2			2@14' X																	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W9-IR	62		
														2@16' X																				
17+50.0, LT		I	36	48	12.00						2			2@16' X																	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R4-3		E-141	
21+20.0, LT		I	6	10	0.42						I	7' X			X			X													SIGN ID CODE VD-700		E-138	
22+50.0, LT		I	36	48	12.00						2			2@16' X																	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R4-6		E-141	
31+68.0, RT		I	6	10	0.42						I	7' X			X			X													SIGN ID CODE VD-700		E-138	
38+50.0,RT		I	6	8	0.33						I	7' X			X			X													SIGN ID CODE VD-701		E-134	
38+58.0,LT		I	6	8	0.33						I	7' X			X			X													SIGN ID CODE VD-701		E-134	
42+24.0, LT		I	6	10	0.42						I	7' X			X			X													SIGN ID CODE VD-700		E-138	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."												LF (35) (70)	LF	LF 84 (-)	LF - (70)	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
												LF 84 92 (70)(35) OPTION			LF - (70)				LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #9		PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S			
												LF 84 92 (70)(35) OPTION			LF - (70)				LB			EA.	LB			EA.	EA.	LB			FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE:p06b040+ss09.1		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 41 OF 78	

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 10																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL			
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUIR ED		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER		
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE						
																										1.2	2.0							3.0	1.88
OPTION ITEMS ()																																			
DORSET: 43+52.0, RT		I	36	36	9.00						2			1@15' X 1@16'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VW-092		E-150	
51+12.0,RT		I	6	8	0.33						I	7' X			X				X													SIGN ID CODE VD-701		E-134	
51+20.0,LT		I	6	8	0.33						I	7' X			X				X													SIGN ID CODE VD-701		E-134	
52+80.0, RT		I	6	10	0.42						I	7' X			X				X													SIGN ID CODE VD-700		E-138	
54+80.0,LT 58+25 LT		I	36	36	9.00						2			2214' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W4-2R		E-151	
58+25.0,LT 62+25 LT		I	36	36	9.00				I		2			2@16' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W9-1R	62		
	SIGN WAS RELOCATED TO MATCH A CHANGE IN THE PAVEMENT DURABLE 6" WHITE RECESSED LINES.																																		
60+40.0, RT		I	36	36	9.00				I		2			2@16' X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	63		
		I	18	18	2.25																											SIGN ID CODE W13-1		E-155	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF - (42)	LF	LF #2 (-)	LF - (42)	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #10	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S	
												LF #2- 123 (42) (21) OPTION	LF - (42)					LB		EA.	LB					EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ssl0.1	PLOT DATE: 07-JUN-2010 11:58 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 42 OF 78					

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				REQUIRE D SIGN MATERIAL		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		lb/ft	2.0	3.0								1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 13																											
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)					TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE- FRAM- ED	REMARKS	SIGN DETAIL				
					"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER							
		lb/ft	lb/ft	lb/ft																					lb/ft	24"							30"				
																																		1.12	2.0	3.0	1.88
												OPTION ITEMS ()																									
DORSET: 71+73.0, RT	STOPPING TRUCKS AND BUSES RIGHT LANE	I	72	36	18.00						2										2	193.8 176	1@12 1@13.5											61			
73+01.0, RT	↑ EAST DORSET 1 ↑ RUTLAND 28	I	72	12	6.00						2										2		274.5 350	1@14.5 1@16									SIGN ID CODE DI-I	E-123			
		I	72	12	6.00																													SIGN ID CODE DI-I	E-123		
	← MANCHESTER CTR 5 ← 5 FOOD 1 ↑	I	72	12	6.00																													63	E-123		
	← 4 PHONE 1 ↑ ← 5 GAS 1 ↑	I	72	10	5.00																													63			
	← 5 GAS 1 ↑	I	72	10	5.00																													63			
	← 2 LODGING 1 ↑ CAMPING 2 ↑	I	72	10	5.00																													63			
		I	72	10	5.00																													63			
73+50.0, LT	SLOWER TRAFFIC KEEP RIGHT	I	36	48	12.00						2				2@16' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R4-3	E-141			
73+50.0,RT	BRIDGE 31 US 7	I	6	8	0.33						I	7' X			X			X															SIGN ID CODE VD-701	E-134			
74+00.0, RT	0070 0203 0140	I	6	10	0.42						I	7' X			X			X															SIGN ID CODE VD-700	E-138			
74+40.0,LT	BRIDGE 31 US 7	I	6	8	0.33						I	7' X			X			X															SIGN ID CODE VD-701	E-134			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."												LF - (42)	LF (21)	LF 32 28 (-)	LF - (42)	LF	LF	LF		EA.	LB	LB	LB		LB 176 193.8	LB 350 274.5	LB	LB									
												LF 28 32 (42) (21)			LF - (42)					LB			EA. 4	LB 468.3 526			EA.	EA.	LB								
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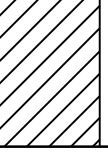
STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 14																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL			
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUI RE D		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER		
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE						
																										1.2	2.0							3.0	1.88
OPTION ITEMS ()																																			
DORSET: 75+01.0, RT		I	36	36	9.00							2			2@16' X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W10-12	61	
		I	36	24	6.00																												63		
75+50.0, LT		I	36	36	9.00							2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W6-3		E-151
77+10.0, RT		I	48	18	6.00							I			1@14' X		X		X														SIGN ID CODE R15-1		E-190
	PUT RR CROSSBUCKLES BACK ON OVERHEAD PER TIM P.																																		
77+55.0, RT LT		I	48	18	6.00							I			1@14' X		X		X														SIGN ID CODE R15-1		E-190
78+33.0, RT		I	48	30	10.00							2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VR-935		E-145B
78+50.0, LT		I	36	36	9.00							2			2@16' X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W10-12	61	
		I	36	24	6.00																												63		
79+73.0, RT	 TOO LARGE USED OLD SIGN ORDERED 24X30	I	24 36	30 48	5.00 12.00	I						2I			1@18' X																		SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R2-1		E-142
		I	24	36	6.00																												62		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF 140 (28)	LF	LF (28)	LF		EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #14	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S		
					TOTALS	SF 79.00	SF	EA.	SF		LF 140 (28)	LF (28)	LB	EA.	LB		EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ssl4.i		PLOT DATE: 07-JUN-2010 11: DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 46 OF 78													

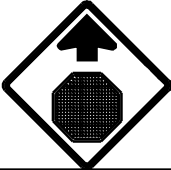
STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 15																														
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NO. OF POSTS	NEW SIGN POSTS										REMARKS										SIGN DETAIL								
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN AGE	S ALV AGE		FLANGED CHANNEL		SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)											W-SHAPE STEEL			DE TAIL RE QUI RE D SIGN MATERIAL	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/ft	3.0	1.75								2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5											4.0	5.0	FTG. SIZE				WEIGHT	POST SIZE	
																																		24"						30"
OPTION ITEMS ()																																								
DORSET: 79+75.0, LT		I	36	48	12.00						2			2@18' X																	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R2-1		E-142							
		I	24	36	6.00																										62									
80+03.0, LT		I	48	24	8.00						2			2@14' X																	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W1-6R		E-152							
80+11.0, LT		I	30	15	3.13						2			2@16' X																	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE M3-3		E-136B							
		I	30	15	3.13																										SIGN ID CODE VM-078		E-136B							
		I	36	36	9.00																										SIGN ID CODE M1-5		E-136B							
80+89.0, RT	 	I I	30 30	15 15	3.13 3.13						2								2	252.7 210	1@16.75' 1@16.5'								X	SIGN ID CODE M3-3 SIGN ID CODE M3-1		E-136B E-136A								
	 	I I	30 36	15 36	3.13 9.00																										SIGN ID CODE VM-078 SIGN ID CODE M1-4		E-136B E-136A							
	 	I I	36 21	36 15	9.00 2.19																										SIGN ID CODE M1-5 SIGN ID CODE M6-3		E-136B E-136A							
		I	21	15	2.19																										SIGN ID CODE M6-1		E-136B							
81+15.0, LT		I	30	30	6.25						I			1@14' X		X		X													SIGN ID CODE R1-1		E-143							
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."											LF	LF	LF 9684 (14)	LF	LF - (14)	LF		EA.	LB	LB	LB		LB 210 252.7	LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #15		PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S						
					TOTALS	SF 79.28	SF	EA.	SF		LF 84 96 (14)OPTION	LF - (14)				LB			EA. 2	LB 210 252.7				EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ssl5.l	PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 47 OF 78												

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

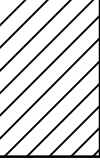
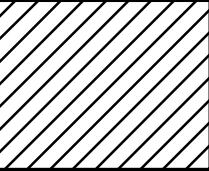
TRAFFIC SIGN SUMMARY SHEET 17

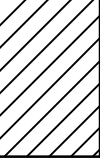
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS								NEW SIGN POSTS												REMARKS												SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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		E A	WIDTH (in)	HEIGHT (in)	‘‘A’’	‘‘B’’	SALV SIGN	SALV TIS	EXIST POST RETAI N SALV AGE	NO. OF POS TS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)																W-SHAPE STEEL			R E Q U I R E D S T R U I N M E E D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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DORSET: 81+80.0, RT		I	36	36	9.00							2			1@14' X 1@16'																SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W4-2R		E-151																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
81+81.0, LT	 36 X 36 X 36	I I	30	30	6.25 3.90							1			1@14' X	X		X												BACK-TO-BACK SIGN ID CODE R5-I SIGN ID CODE RI-2		E-143 E-146																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
82+99.0, LT		I	72	36	18.00							2							2	210.9' ±98	1@13.5' 1@14.25'										61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
84+65.0, LT		I	36	36	9.00							2			1@14' X 1@15'															SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-2A		E-150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
85+90.0, LT		I	36	36	7.10							2			2@14' X															SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE WI0-I		E-190																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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88+90.0, RT		I I	72 72	12 12	6.00 6.00							2			2@14' X														SIGN ID CODE DI-I SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.		E-123 E-123																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		I	6	8	0.33																								SIGN ID CODE VD-701		E-134																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
89+90.0, LT		I	24	30	5.00							1			1@14' X	X		X											SIGN ID CODE WI3-2		E-150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."													LF	LF	LF 115H2 (28)	LF	LF - (28)	LF		EA.	LB	LB	LB		LB 198 210.9	LB	LB	LB	LB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

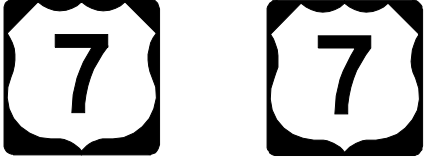
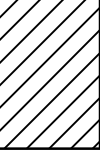
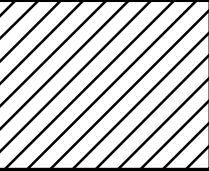
STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 18																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL				
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL				SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QU I R E D	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER		
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE						
																										1.2	2.0							3.0	1.88
OPTION ITEMS ()																																			
DORSET: 90+17.0, RT		I	24	30	5.00						I			1@14' X		X		X															SIGN ID CODE VR-017		E-141
90+57.0, RT		I	24	6	1.00			X NEW			I			1@14' X		X		X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST.TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST, COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-	
	 	I	36	36	9.00																											BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		E-143 E-138	
90+96.0, RT		I	24	30	5.00						2			1@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R2-1		E-142	
91+19.0, LT	 	I	30	15	3.13						2								2	247 236	1@15' 1@17.5'									X	SIGN ID CODE M3-3 SIGN ID CODE M3-3		E-136A E-136B		
	 	I	36	36	9.00																										SIGN ID CODE MI-4 SIGN ID CODE VM-078		E-136A E-136B		
	 	I	21	15	2.19																										SIGN ID CODE M6-3 SIGN ID CODE MI-5		E-136A E-136B		
	 	I	6	8	0.33																										SIGN ID CODE VD-701 SIGN ID CODE M6-2		E-134 E-136B		
MANCHESTER RAMP C: C0+25.0,RT		I	18	24	3.00						I			1@13' X		X		X													SIGN ID CODE WI-8		E-150		
C0+35.0,RT		I	18	24	3.00						I			1@13' X		X		X													SIGN ID CODE WI-8		E-150		
C0+45.0,RT		I	18	24	3.00						I			1@13' X		X		X													SIGN ID CODE WI-8		E-150		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."												LF	LF	LF 28 14' (70) 67	LF	LF -(70)	LF		EA.	LB	LB	LB		LB 247 236	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #18	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S		
												LF 28 14' (70) 67 OPTION		LF -(70)				EA. 2	LB 247 236						EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss18.1		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 50 OF 78					

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET																										19					
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL						
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POST S	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUI RE D	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE			WEIGHT				POST SIZE		
																										1.2	2.0							3.0	1.88
OPTION ITEMS ()																																			
MANCHESTER RAMP C: CO+61.0,RT	 36 X 36 X 36	I			3.90						I			1@14' X		X		~~X~~															SIGN ID CODE RI-2		E-146
C6+70.0,LT		I	36	24	6.00						2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R5-1A		E-143	
C6+70.0,RT		I	36	24	6.00						2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R5-1A		E-143	
C9+20.0,LT		I	30	30	6.25						I			1@14' X		X		X														SIGN ID CODE R5-1		E-143	
C9+20.0,RT		I	30	30	6.25						I			1@14' X		X		X														SIGN ID CODE R5-1		E-143	
MANCHESTER RAMP D: D10+00.0,RT		I	36	36	9.00						2			1@14' X 1@16'																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE W3-1A		E-150	
D11+37.0,RT	MANCHESTER CTR 1 → MANCHESTER 2 →	I	72	12	6.00						2			~~X~~							1@20' 1@18' 64.6										SIGN ID CODE DI-1	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	E-123		
		I	72	12	6.00																											SIGN ID CODE DI-1		E-123	
	← LONDONDERRY 14 ← SPRINGFIELD 36	I	72	12	6.00																											SIGN ID CODE DI-1		E-123	
	← SKI AREAS	I	72	12	6.00																											SIGN ID CODE DI-1		E-123	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	84-86 (42)	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #19		PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S	
												LF	LF	LF	84-86 (42) OPTION	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ssl9.1		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 51 OF 78		

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET																							21							
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL			
					"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL				SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				REQUIRE SIGNED	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER	
		lb/ft	3.0	1.75								2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE							
																								1.12	2.0			1.88	2.16					3.35
											OPTION ITEMS ()																							
MANCHESTER RAMP D: D14+11.0,LT		I	36	24	6.00						2			2@14' X																		SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R5-1A		E-143
D17+00.0,RT	 	I I	36 36	12 12	3.00 3.00						2			1@13' X																	BACK-TO-BACK SIGN ID CODE R6-1R SIGN ID CODE R6-1L SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.		E-142 E-142	
	 	I I	30 30	30 30	5.00 5.00																										BACK-TO-BACK SIGN ID CODE R5-1 SIGN ID CODE R1-1		E-143 E-143	
D17+00.0,LT	 	I I	36 36	12 12	3.00 3.00						2			1@14' X																	BACK-TO-BACK SIGN ID CODE R6-1R SIGN ID CODE R6-1L SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.		E-142 E-142	
	 	I I	30 30	30 30	5.00 5.00																										BACK-TO-BACK SIGN ID CODE R5-1 SIGN ID CODE R1-1		E-143 E-143	
MANCHESTER RAMP E: E0+80.0,RT		I	36	36	9.00						2			2@16' X																	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE VR-002		E-142	
		I	36	36	9.00																										SIGN ID CODE VR-046		E-142	
E1+44.0,LT		I	18	24	3.00						I			1@12.5 X		X		X													SIGN ID CODE W1-8		E-150	
E2+18.0,LT		I	18	24	3.00						I			1@12.5 X		X		X													SIGN ID CODE W1-8		E-150	
E2+92.0,LT		I	18	24	3.00						I			X		X		X													SIGN ID CODE W1-8		E-150	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB								
													87 #2 (37.5)	42																				
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
													LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB										
									</																									

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET																						22								
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL						
											NO. OF POSTS	FLANGED CHANNEL		SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE D SIGN TYPE	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER				
		1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION				3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE													
												1.2	2.0					3.0	1.88			2.16	3.35	1.3	1.7	1.7					7.6	9.0	10.8	14.6
												OPTION ITEMS ()																						
MANCHESTER RAMP E: E3+64.0,LT		I	18	24	3.00						I			1@12.5' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@12.5' X		X		X																
E4+36.0,LT		I	18	24	3.00						I			1@12.5' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@12.5' X		X		X																
E5+07.0,LT		I	18	24	3.00						I			1@13' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@13' X		X		X																
E5+81.0,LT		I	18	24	3.00						I			1@15' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@13' X		X		X																
E6+54.0,LT		I	18	24	3.00						I			1@13' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@13' X		X		X																
E7+25.0,LT		I	18	24	3.00						I			1@13' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@13' X		X		X																
E7+98.0,LT		I	18	24	3.00						I			1@13' X		X		X														SIGN ID CODE WI-8		E-150
											I			1@13' X		X		X																
E8+69.0,RT		I	36	24	6.00						2			2@14' X																	SIGN SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS. SIGN ID CODE R5-1A		E-143	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION *SIGN POST DESIGN GUIDELINE."												LF	LF	LF 28 (98)	LF	LF - (98)	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
												LF 28 (98)			LF - (98)				LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #22		PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S			
											TOTALS			SF 27.00	SF	EA.	SF											FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss22.1			PLOT DATE: 07-JUN-2010 11:58 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 54 OF 78			

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET																							23								
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL					
					"A"	"B"	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POST S	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE FRUIT EED	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/ft	lb/ft	lb/ft								1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE							
																									1.2	2.0							3.0	1.88	2.16
OPTION ITEMS ()																																			
MANCHESTER RAMP E: E8+69.0,LT		I	18	24	3.00						2			I@14' X I@13'																		BACK-TO-BACK SIGN ID CODE WI-8 SIGN ID CODE R5-1A	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.		E-150 E-143
E9+42.0,LT		I	18	24	3.00						I			I@14' X		X		X														SIGN ID CODE WI-8		E-150	
E10+14.0,LT		I	18	24	3.00						I			I@14' X		X		X														SIGN ID CODE WI-8		E-150	
E10+86.0,LT	 	I	18	24	3.00						I			I@14' X		X		X														BACK-TO-BACK SIGN ID CODE WI-8 SIGN ID CODE R5-1		E-150 E-143	
E10+86.0,RT		I	30	30	6.25						I			I@14' X		X		X														SIGN ID CODE R5-1		E-143	
MANCHESTER INTERCHANGE 4: I		I	6	8	0.33						I		I@7' X		X		X															SIGN ID CODE VD-701		E-134	
2	 	I	72	12	6.00						2			I@14' X I@16'																		SIGN ID CODE DI-1 SIGN ID CODE DI-1	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.		E-123 E-123
		I	6	8	0.33																											SIGN ID CODE VD-701		E-134	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF - (14)	LF	LF 5657 (56)	LF - (14)	LF - (56)	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
												LF 56 57 (70) (63) OPTION			LF (70)				LB		EA.	LB				EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #23		PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S				
																			LB												FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss23.i	PLOT DATE: 07-JUN-2010 IIS DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 55 OF 78			

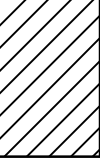
STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET																										24					
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL				
					“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			RE QUI RE D		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER			
		lb/ft	lb/ft	lb/ft								ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE										
																						1.12	2.0			3.0	1.75	2.0					2.5	1.3	1.7
											OPTION ITEMS ()																								
MANCHESTER INTERCHANGE 4: 3		I	21	15	2.19						I			1@14' X		X		X														SIGN ID CODE M2-1		E-I36A	
		I	24	24	4.00																										SIGN ID CODE MI-4		E-I36A		
4		I	72	12	6.00						2			2@14' X																	SIGN ID CODE DI-1 SIGN ID CODE DI-1	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	E-I23 E-I23		
5		I	24	12	2.00						2								2	193.8 195	1@11.5' 1@14'									X	SIGN ID CODE M4-5		E-I36B		
		I	24	12	2.00																										SIGN ID CODE M3-4 SIGN ID CODE M3-1 SIGN ID CODE VM-078		E-I36B E-I36B E-I36B		
		I	24	24	4.00																										SIGN ID CODE MI-5 SIGN ID CODE MI-5 SIGN ID CODE MI-5		E-I36B E-I36B E-I36B		
6		I	24	12	2.00						2								2	201.4 214	1@13.5' 1@13'									X	SIGN ID CODE M4-5		E-I36A		
		I	24	12	2.00																										SIGN ID CODE M3-1 SIGN ID CODE M3-4		E-I36A E-I36A		
		I	24	24	4.00																										SIGN ID CODE MI-4 SIGN ID CODE MI-4		E-I36A E-I36A		
		I	21	15	2.19																										SIGN ID CODE M6-3 SIGN ID CODE M6-1		E-I36A E-I36A		
7		I	24	12	2.00						I			1@14' X		X		X													SIGN ID CODE M3-1		E-I36A		
		I	24	24	4.00																										SIGN ID CODE MI-4		E-I36A		
		I	21	15	2.19																										SIGN ID CODE M6-1		E-I36A		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF 28 (28)	LF	LF - (28)	LF		EA.	LB	LB	LB		LB 409 395.2	LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #24	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S	
					TOTALS	SF 64.76	SF	EA.	SF		LF 28 (28) OPTION	LF - (28)				LB			EA. 4	LB 409 395.2				EA.	EA.	LB	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss24.i		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 56 OF 78						

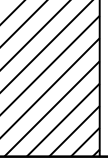
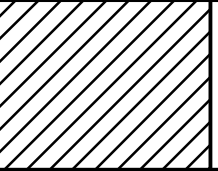
**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

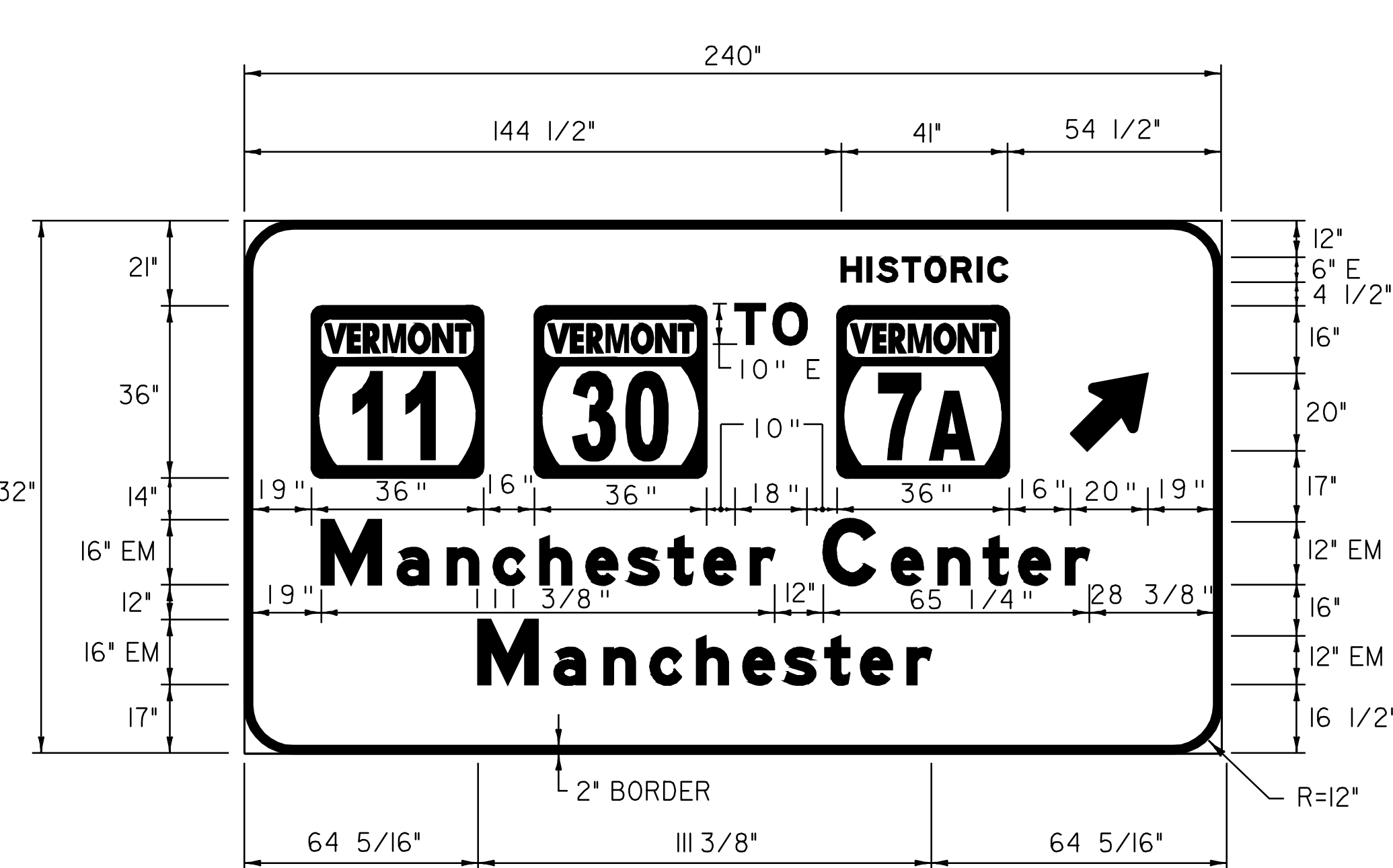
TRAFFIC SIGN SUMMARY SHEET 25

[illegible]

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 26																							
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL			
					“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF P OST S	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				RE QUI RE D	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER	
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT					POST SIZE
																										1.2	2.0						
										OPTION ITEMS ()																							
MANCHESTER INTERCHANGE 4: 12	SKI AREAS	I	72	12	6.00						2			2@14' X																	SIGN ID CODE DI-I		E-123
	LONDONDERRY 14	I	72	12	6.00																									SIGN ID CODE DI-I	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	E-123	
	SPRINGFIELD 36	I	72	12	6.00																									SIGN ID CODE DI-I		E-123	
13	JCT	I	21	15	2.19						1			1@14' X		X		X													SIGN ID CODE M2-I		E-136A
	7	I	24	24	4.00																									SIGN ID CODE MI-4		E-136A	
14	↑ BENNINGTON 24	I	72	12	6.00									1@14' X																	SIGN ID CODE DI-I	SIGNS SHALL BE MOUNTED ON TWO FLANGED CHANNEL POSTS.	E-123
	RUTLAND 33 →	I	72	12	6.00						2			1@16'																	SIGN ID CODE DI-I		E-123
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF 56 58 (14)	LF	LF - (14)	LF		EA.	LB	LB	LB		LB	LB	LB	LB						
												LF 56 58 (14) OPTION			LF - (14)			LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #26			PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S		
																									FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss26.i		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 58 OF 78						

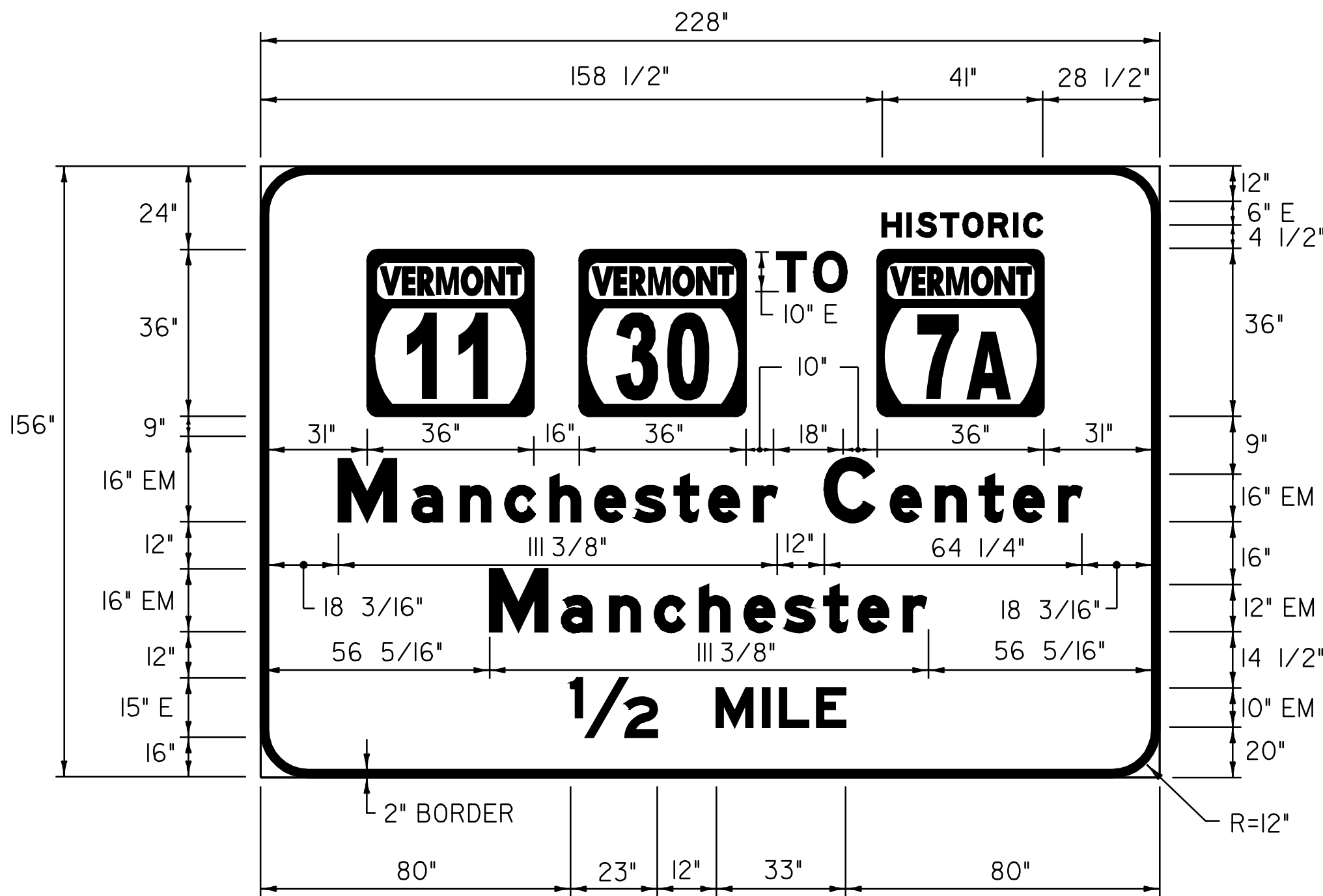
STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 27																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS						SIGN DETAIL	
											DETAIL ON DWG. NUMBER	STD. SHEET NUMBER																							
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				REQUIRE D SIGN MATERIAL					
												1/2	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE			WEIGHT	POST SIZE			
																												24"	30"						
												OPTION ITEMS ()																							
	SHEET 33 SUBTOTALS				22.08	30.00	-					21-	81.34	-84-	-	-					2	205.2	184-	-			-	-	-						
	SHEET 34 SUBTOTALS				30.50	276.00	-					28-		-28-	-	-					2	-	290	317.25			2	-	405	819.0					
	SHEET 35 SUBTOTALS				53.55	297.00	-					21-	64.67	-56-	-	-					2	199.5	190-	-			-	2	659	1350.0					
	SHEET 36 SUBTOTALS			22.16	21.6	294.00	274.00					42-		-	-	-					-	-	-			-	2	732	1695.0						
	SHEET 37 SUBTOTALS				3.00	-	-					56-		-	-	-					-	-	-			-	-	-							
	SHEET 38 SUBTOTALS				2.82	-	-					49-		-	-	-					-	-	-			-	-	-							
	SHEET 39 SUBTOTALS				60.84	-	-					14-	166.67	-140-	-	-					-	-	-			-	-	-							
	SHEET 40 SUBTOTALS				43.26	-	-					7-	149.0	-140-	-	-					-	-	-			-	-	-							
	SHEET 41 SUBTOTALS				34.92	-	-					35-	92.0	-84-	-	-					-	-	-			-	-	-							
	SHEET 42 SUBTOTALS				39.33	-	- 2					21-	123.0	-112-	-	-					2	-	-			-	-	-							
	SHEET 43 SUBTOTALS				34.99	60.00	-					39-	32.0	-28-	-	-					-	-	267			-	-	-							
	SHEET 44 SUBTOTALS				59.53	-	-					14-	88.0	-84-	-	-					2	245	260	-		-	-	-							
	SHEET 45 SUBTOTALS				74.08	-	-					21-	32.0	-28-	-	-					4	193.8	176-	350			-	-	-						
	SHEET 46 SUBTOTALS			72.00	79.00	-	- 3					28-	38.0	-140-	-	-					-	-	-			-	-	-							
	SHEET 47 SUBTOTALS				79.28	-	-					14-	96.0	-84-	-	-					2	252.7	210-	-		-	-	-							
	SHEET 48 SUBTOTALS				74.79	-	-					56-	24.0	-28-	-	-					2	28.2	252	-		-	-	-							
	SHEET 49 SUBTOTALS				71.00	-	-					28-	115.0	-112-	-	-					2	210.9	198-	-		-	-	-							
	SHEET 50 SUBTOTALS			61.52	60.52	-	1 0					67-	14.0	-28-	-	-					2	247.0	236-	-		-	-	-							
	SHEET 51 SUBTOTALS				67.40	-	-					42-	86.0	-84-	-	-					-	-	-			-	-	-							
	SHEET 52 SUBTOTALS			78.57	74.57	-	-					-	0	-56-	-	-					2	254.6	390	-		-	-	-							
	SHEET 53 SUBTOTALS				65.00	-	-					37.5	87.0	-112-	-	-					-	-	-			-	-	-							
	SHEET 54 SUBTOTALS				27.00	-	-					92-	28.0	-28-	-	-					-	-	-			-	-	-							
	SHEET 55 SUBTOTALS				43.16	-	-					63-	57.0	-56-	-	-					-	-	-			-	-	-							
	SHEET 56 SUBTOTALS				64.76	-	-					28-	28.0	-28-	-	-					4	193.8	409	-		-	-	-							
	SHEET 57 SUBTOTALS			58.76	42.76	-	-					-		-	-	-					2	395.2	390	-		-	-	-							
	SHEET 58 SUBTOTALS				36.19	-	-					14-	14.0	-56-	-	-					-	-	-			-	-	-							
	SUBTOTAL THIS SHEET				1280.49	937.0	1 5					837.5	1679.68	-1596-	-	-					30	2679	924.75			2	4	3864							
					1246.49	957.00								2517.118																					
					1280.5							838		1680												3604									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
												LF			LF					LB			EA.	LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #27			PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(I)S		
												LF			LF					LB				LB									FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss27.i	PLOT DATE: 07-JUN-2010 11:58 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 59 OF 78	

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 28																																		
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL						
					"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				REQUIRE D SIGN MATERIAL		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER					
		lb/ft	1.2	2.0								3.0	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE									
																										24"	30"											
										OPTION ITEMS ()																												
	SHEET 33 SUBTOTALS SHEET 34 SUBTOTALS SHEET 35 SUBTOTALS				-	-	-					(42) (56) (14)	- - (14)	(42) (56) (14)	- - (14)				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 36 SUBTOTALS SHEET 37 SUBTOTALS SHEET 38 SUBTOTALS				-	-	-					(84) (112) (112)	- - -	(84) (112) (112)	- - -				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 39 SUBTOTALS SHEET 40 SUBTOTALS SHEET 41 SUBTOTALS				-	-	-					(28) (14) (70)	- - -	(28) (14) (70)	- - -				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 42 SUBTOTALS SHEET 43 SUBTOTALS SHEET 44 SUBTOTALS				-	-	-					(42) (14) (28)	- - -	(42) (14) (28)	- - -				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 45 SUBTOTALS SHEET 46 SUBTOTALS SHEET 47 SUBTOTALS				-	-	-					(42) - -	- (28) (14)	- (28) (14)	- (28) (14)				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 48 SUBTOTALS SHEET 49 SUBTOTALS SHEET 50 SUBTOTALS				-	-	-					- - -	(56) (28) (70)	- - -	(56) (28) (70)				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 51 SUBTOTALS SHEET 52 SUBTOTALS SHEET 53 SUBTOTALS				-	-	-					- - -	(42) (-) (42)	- - -	(42) (-) (42)				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 54 SUBTOTALS SHEET 55 SUBTOTALS SHEET 56 SUBTOTALS				-	-	-					- (14) -	(98) (56) (28)	- (14) -	(98) (56) (28)				- - -	- - -	- - -			- - -	- - -	- - -												
	SHEET 57 SUBTOTALS SHEET 58 SUBTOTALS				-	-	-					- -	(56) (14)	- -	(56) (14)				- -	- -	- -			- -	- -	- -												
	SUBTOTAL THIS SHEET SHEET 59 SUBTOTALS				- 1246.49	- 957.00	- 1					(672) -	(588) 1596	(672) -	(588) -				- 32	- 2844	- 907			- 2	- 4	1796												
	ROUNDING				0.51	-	-					(28) -	(12) 54	(28) -	(12) -				-	56	43			-	-	104												
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC OPERATIONS SECTION "SIGN POST DESIGN GUIDELINE."												LF (700) -	LF (600) 1650	LF (700) -	LF (600) -	LF (1300) 1650		EA.	LB	LB	LB		LB 2900	LB 950	LB	LB												
					TOTALS	SF 1247	SF 957	EA. 1	SF		LF (1300) 1650	LF (1300) -				LB			EA. 32	LB 3850				EA. 2	EA. 4	LB 1900	TRAFFIC SIGN SUMMARY SHEET #28				PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+ss28.1				PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: K.A.R. CHECKED BY: D.W.E. SHEET 60 OF 78			



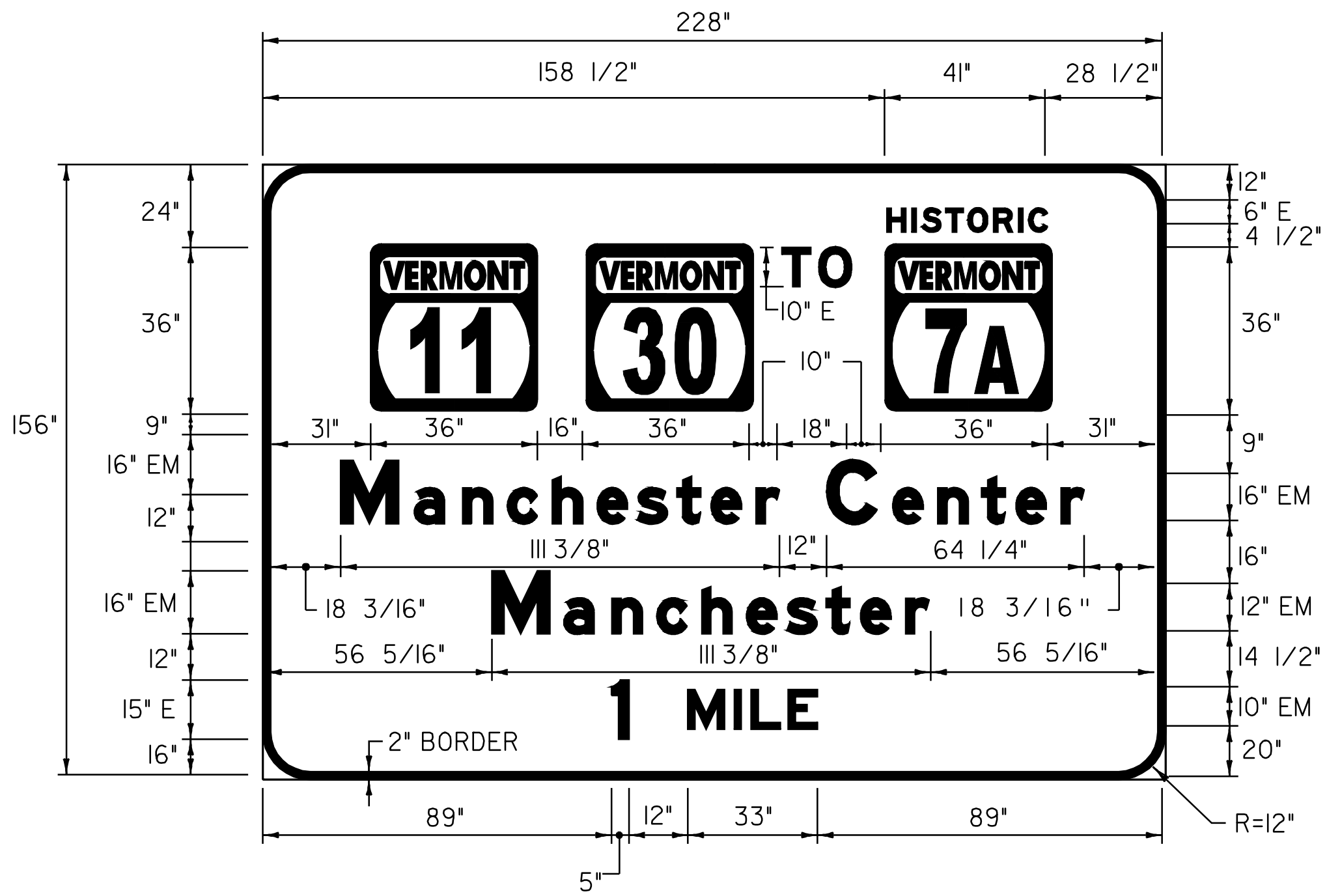
COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
MANCHESTER:
STA. 263+64.0, LT



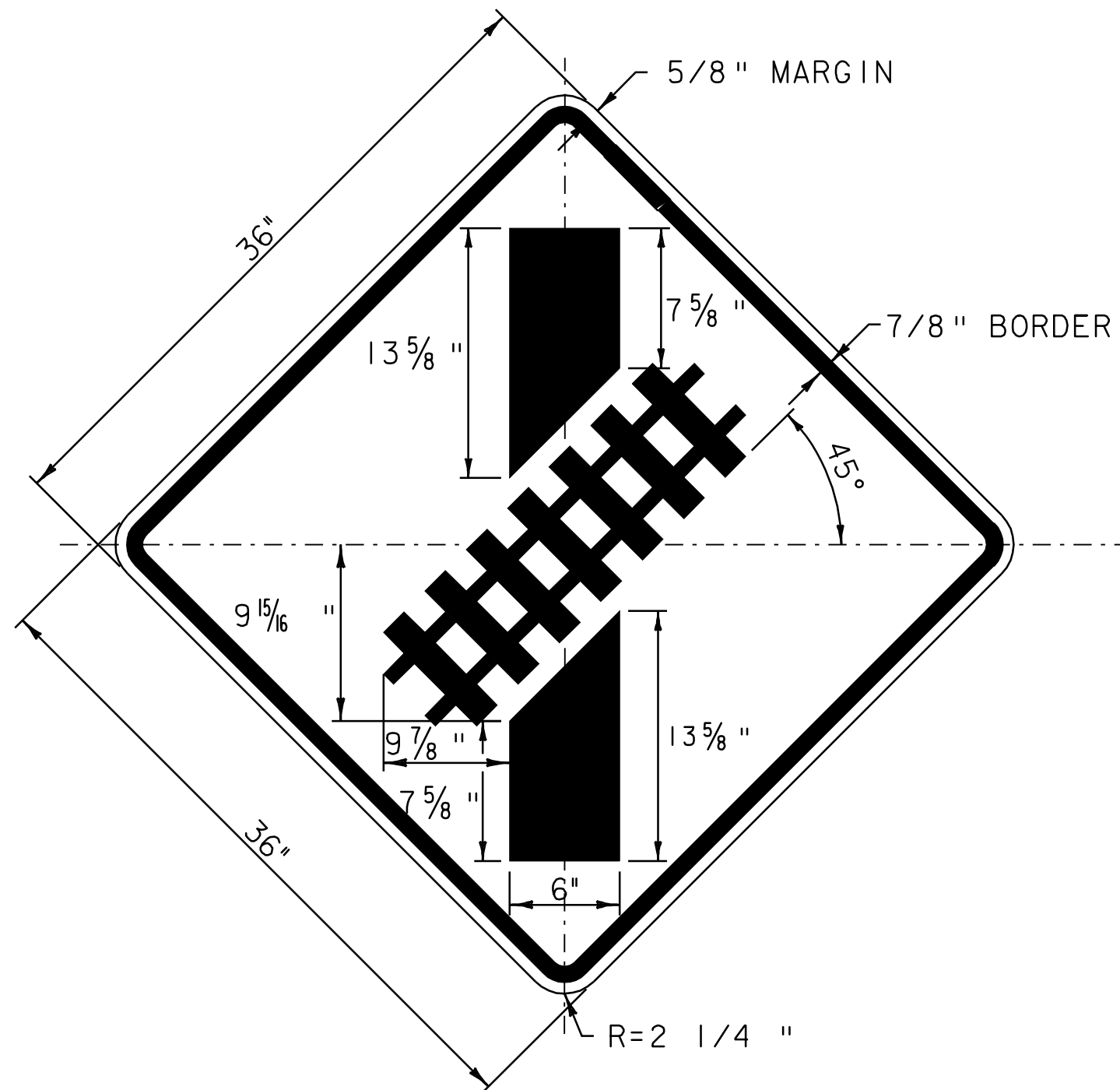
COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
MANCHESTER:
STA. 282+76.0, LT



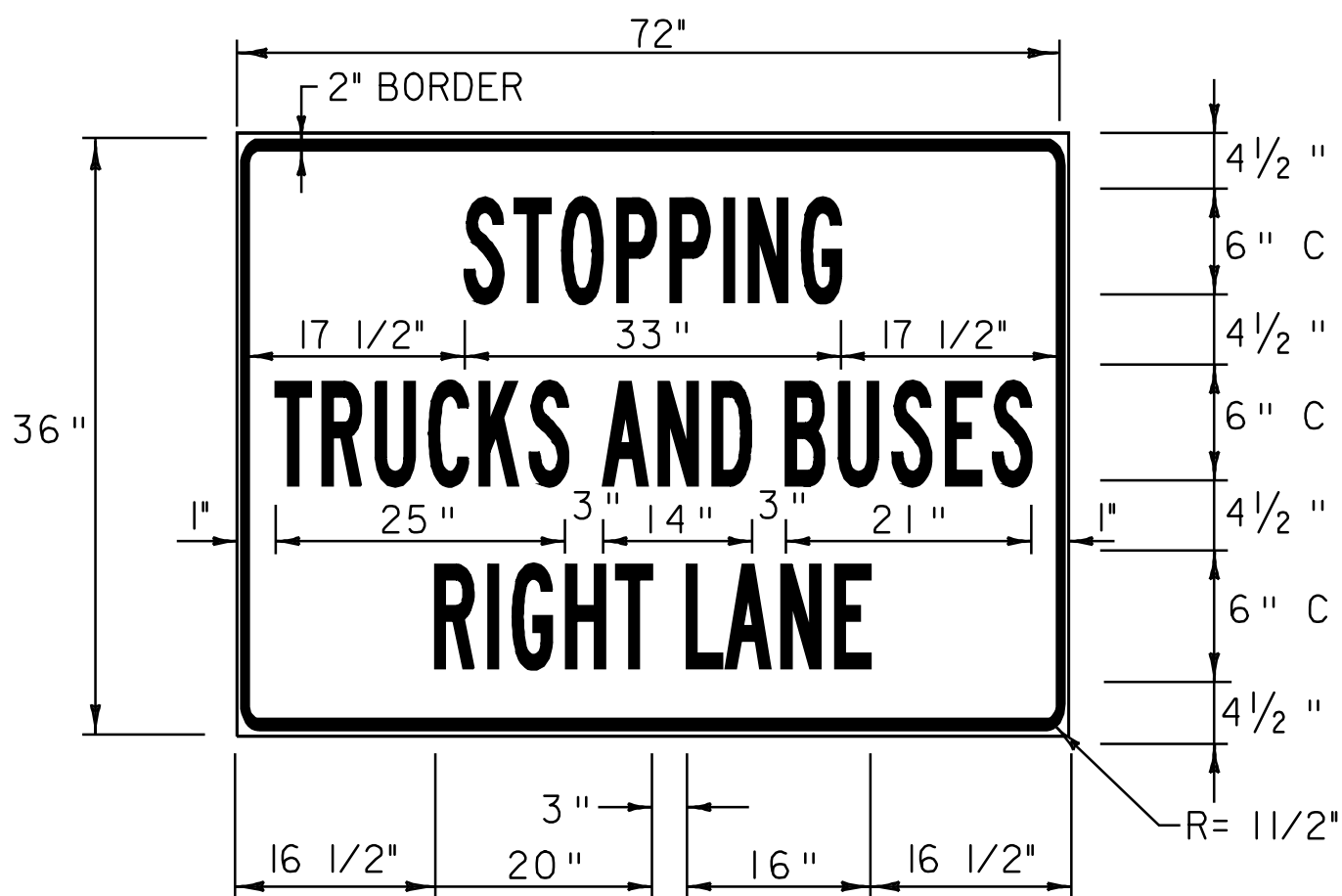
COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
MANCHESTER:
STA. 307+19.0, LT



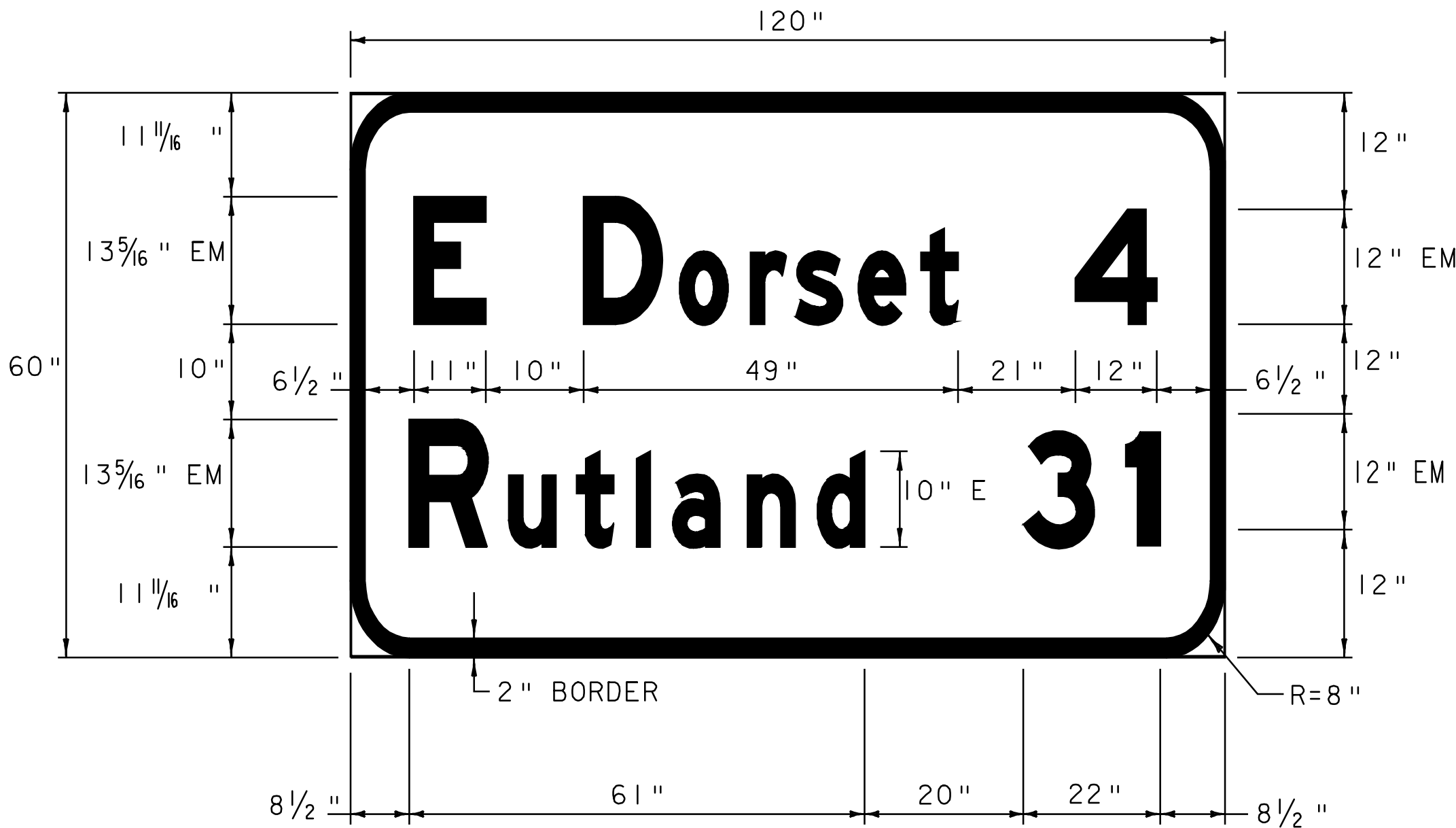
COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
DORSET:
STA. 75+01.0, RT
STA. 78+50.0, LT



COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
DORSET:
STA. 71+73.0, RT
STA. 82+99.0, LT



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
MANCHESTER:
STA. 291+39.0, RT

NOTES:

- TEXT LAYOUT DIMENSIONS ARE BASED ON THE STANDARD ALPHABETS SPACING CHARTS FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK PUBLISHED BY FHWA. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC OPERATIONS SECTION BEFORE FABRICATION.

- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

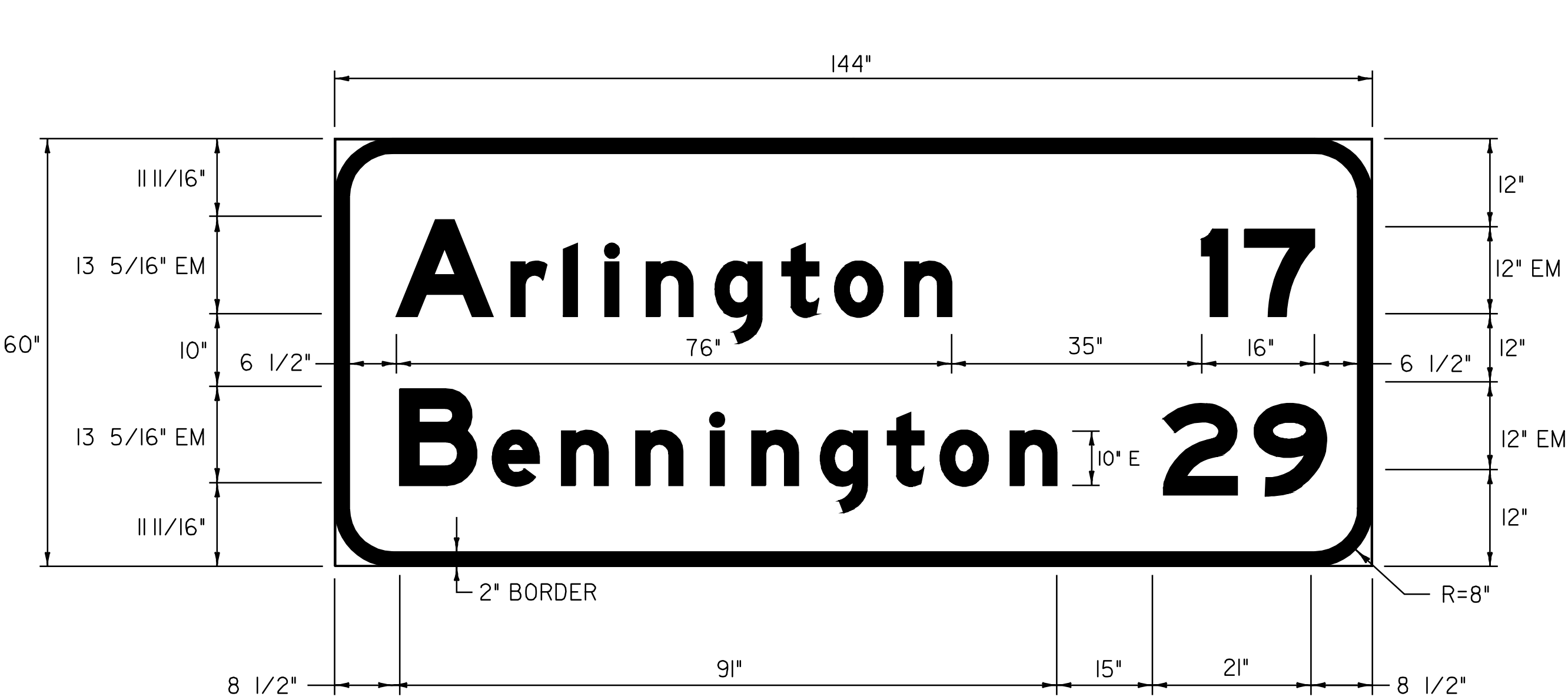
NOT TO SCALE

**TRAFFIC SIGN
DETAIL
SHEET #1**

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

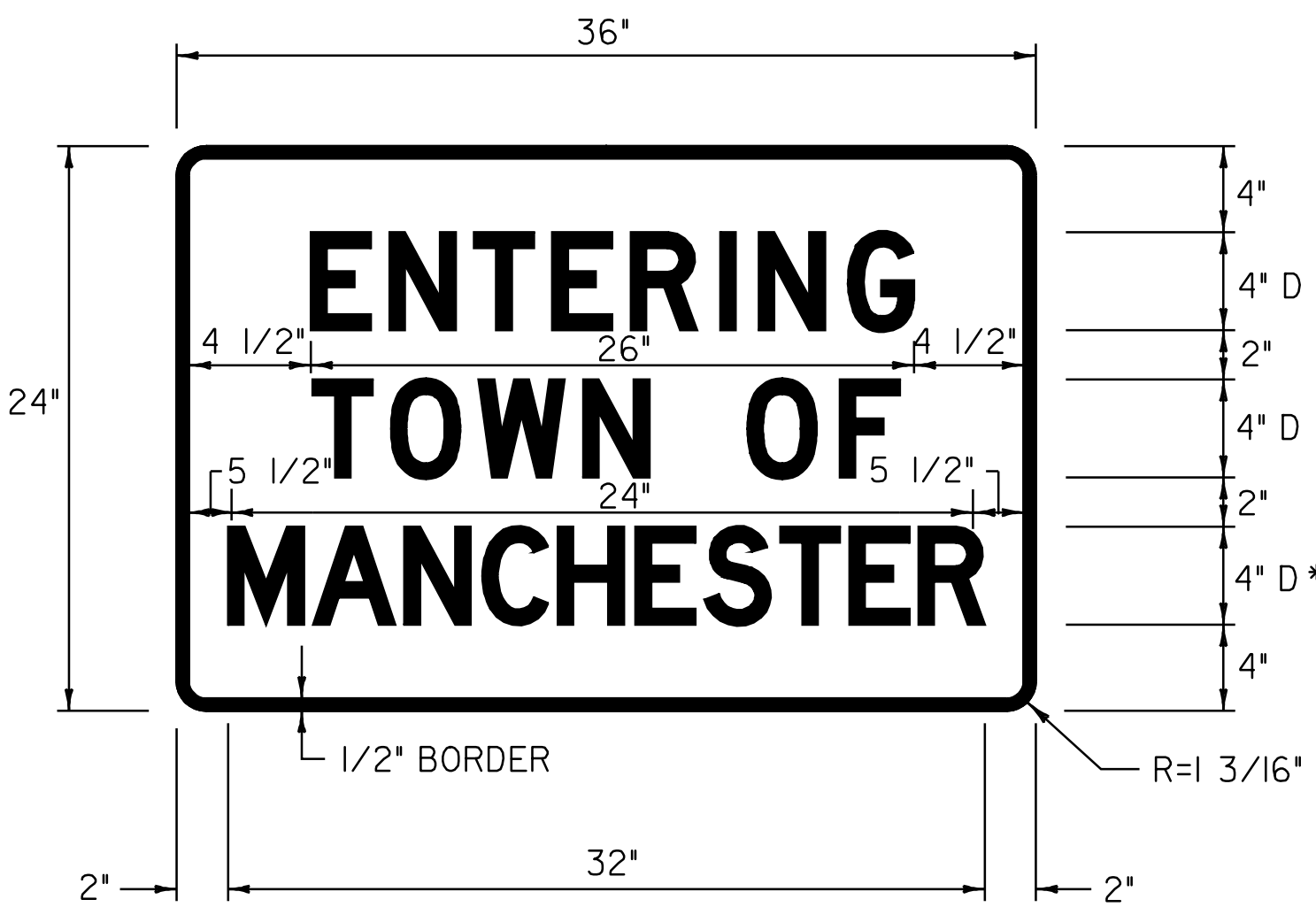
FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040+sd.dgn

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 61 OF 78



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

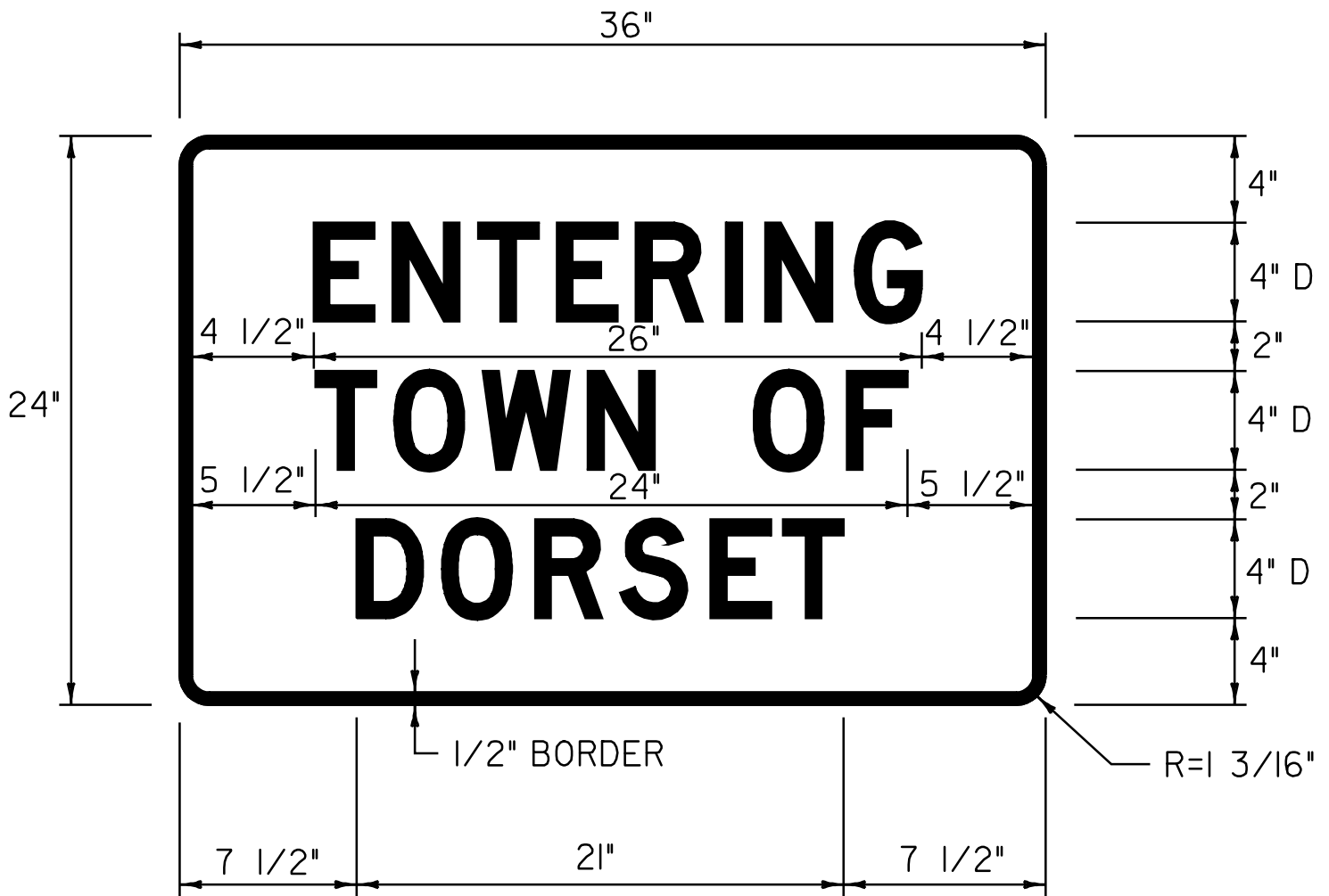
MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
DORSET:
STA. 65+80.0, LT



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

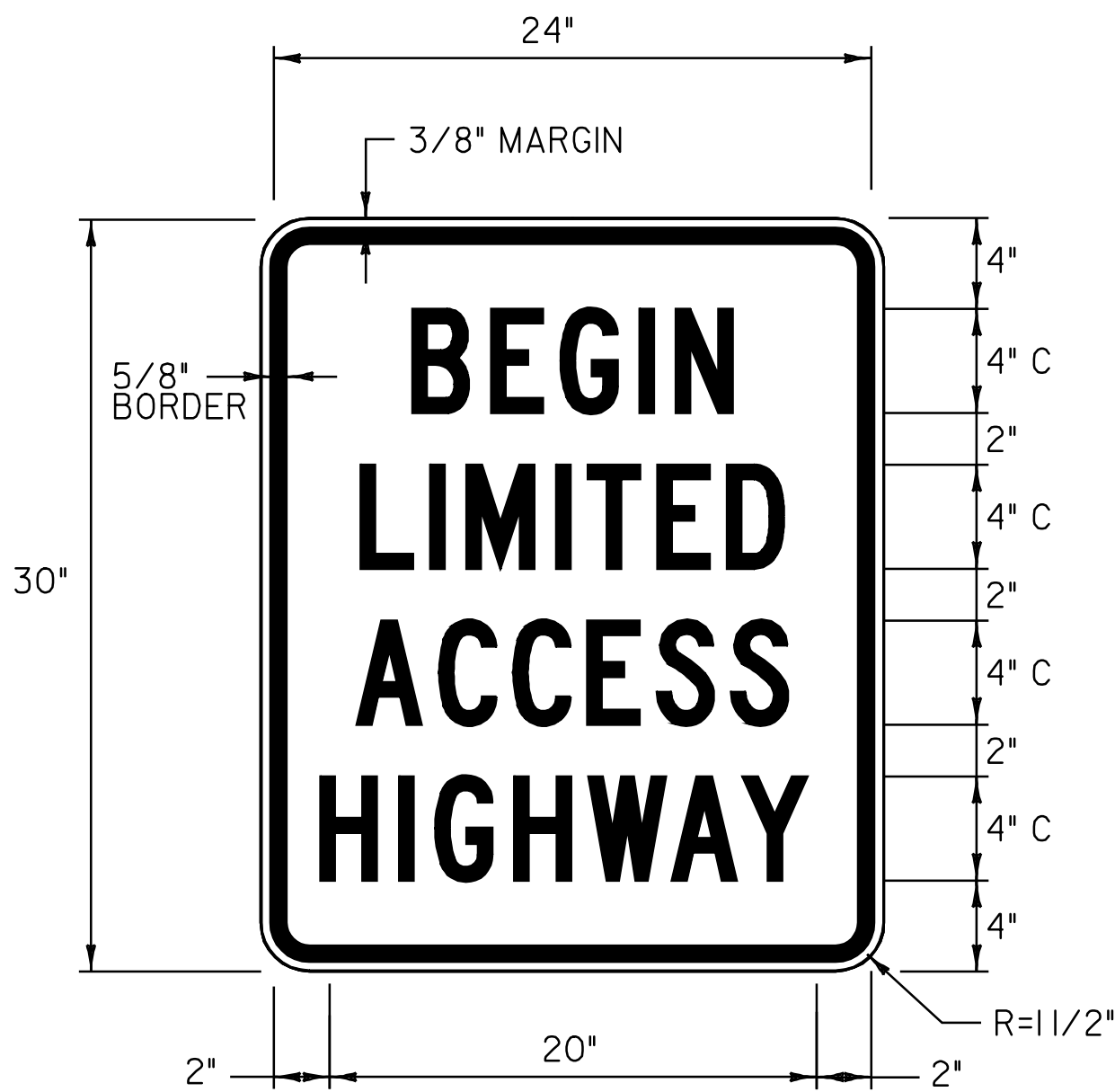
MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
MANCHESTER:
STA. 397+05.6, LT

* LETTERING USED WITH 50% SPACING



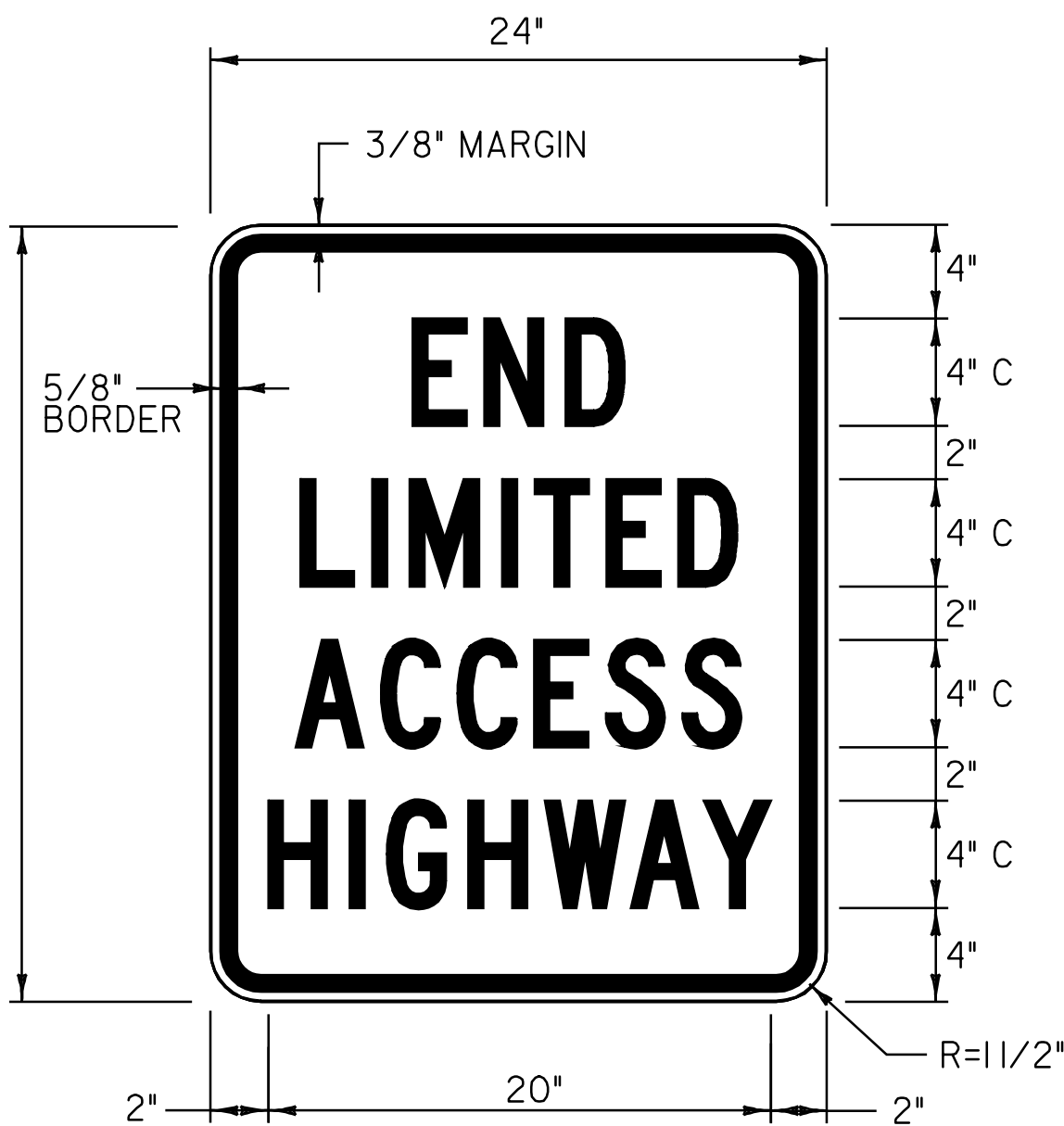
COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-131
LOCATION - U.S. ROUTE 7
DORSET:
STA. 0+00.0, RT



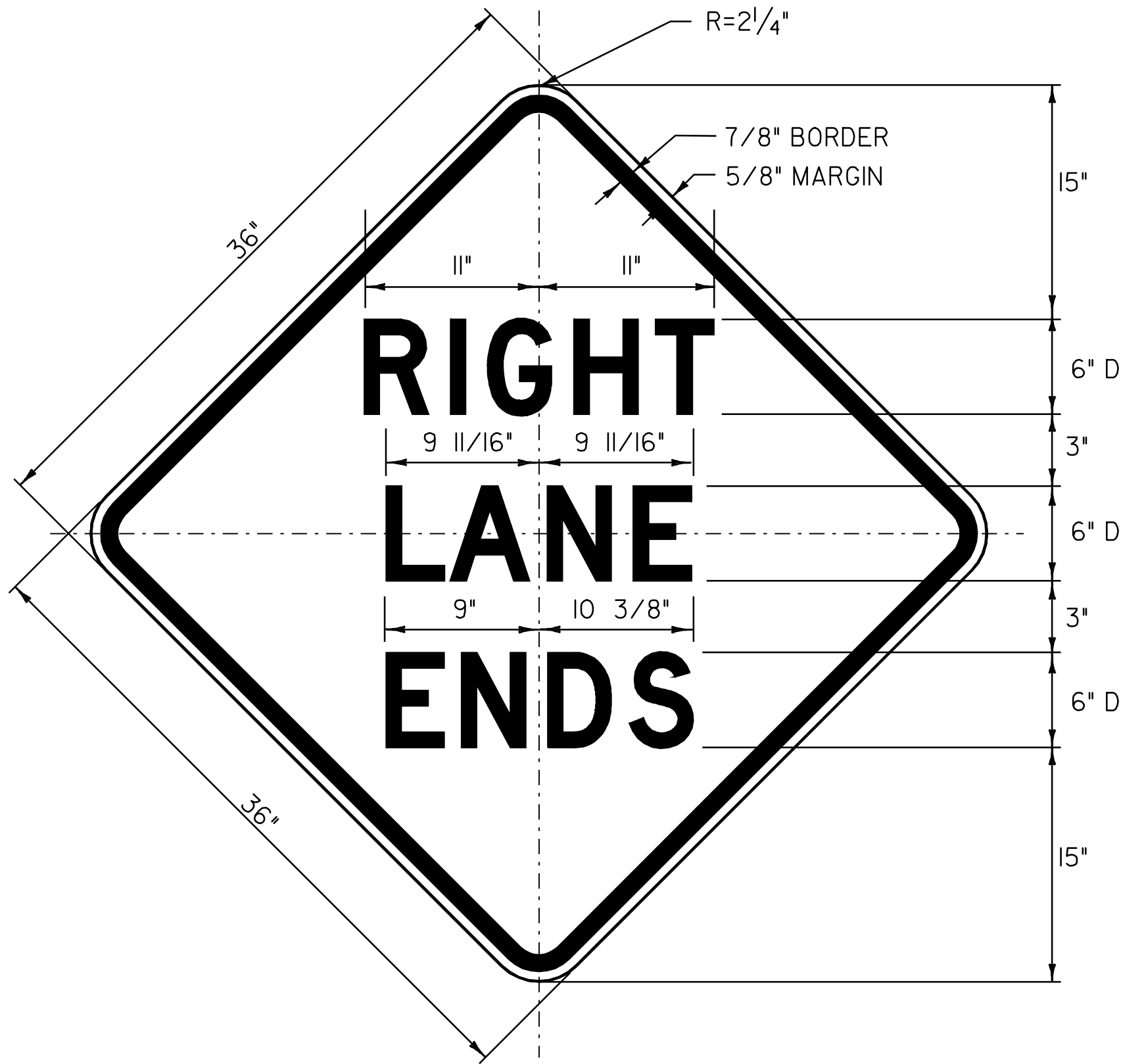
COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-141
LOCATION - U.S. ROUTE 7
DORSET:
STA. 79+75.0, LT



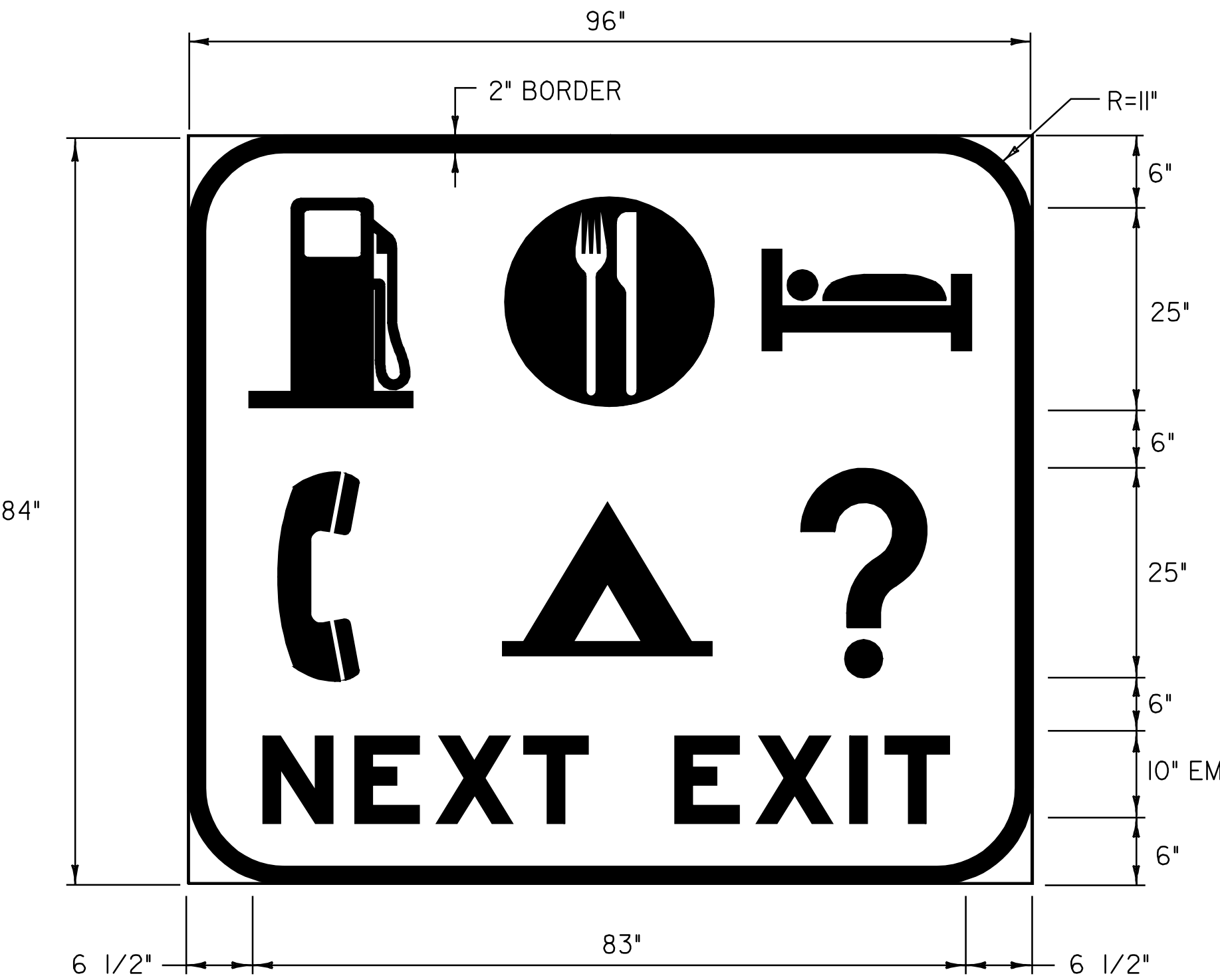
COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-141
LOCATION - U.S. ROUTE 7
DORSET:
STA. 79+73.0, RT



COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-154
SIGN - U.S. ROUTE 7
MANCHESTER:
STA. 377+80.0, RT
DORSET:
STA. 12+35.0, LT
STA. 58+25.0, LT



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
BLUE BACKGROUND (REFLECTORIZED)

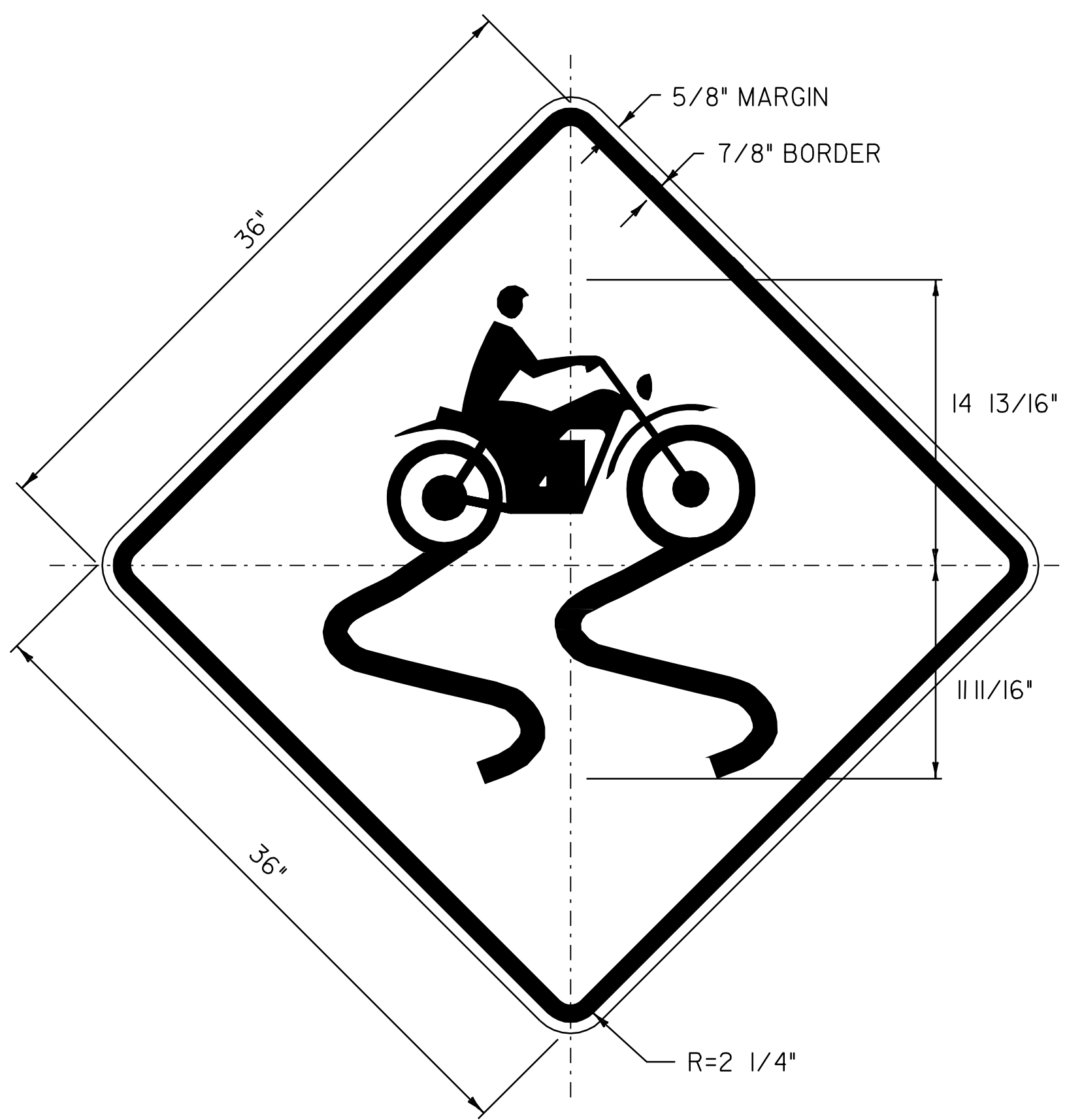
MATERIAL: PER VAOT STANDARD E-130
LOCATION - U.S. ROUTE 7
MANCHESTER:
STA. 271+64.0, LT

NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE STANDARD ALPHABETS SPACING CHARTS FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK PUBLISHED BY FHWA. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC OPERATIONS SECTION BEFORE FABRICATION.

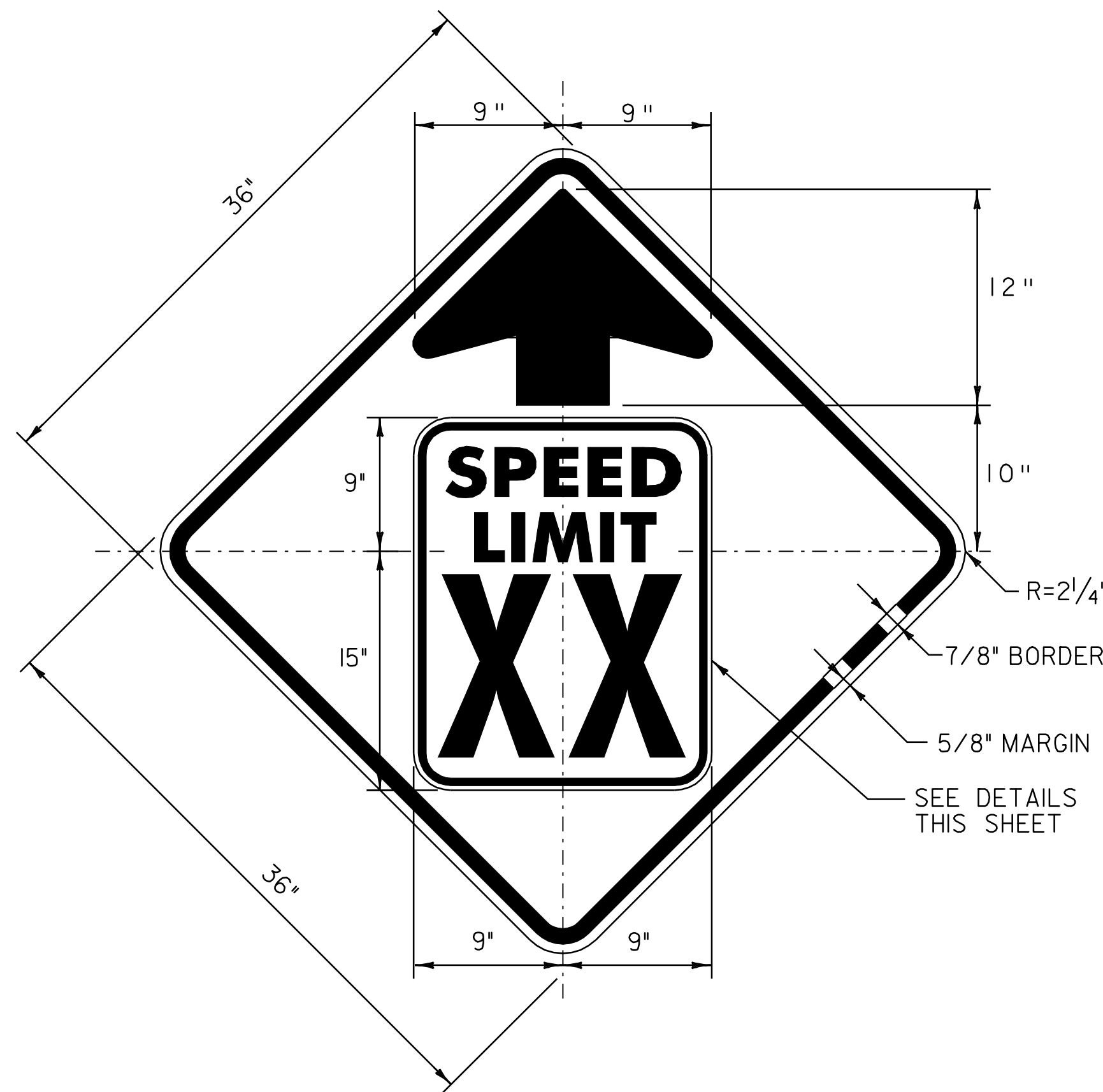
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

TRAFFIC SIGN DETAIL SHEET #2	NOT TO SCALE	
	PROJECT NAME: MANCHESTER - DORSET PROJECT NUMBER: NH 2608(1)S	FILE NAME: p06b040.dgn PROJECT LEADER: D.E.G. DESIGNED BY: M.J.M. IPARM FILE: p06b040+sd2.dgn
		PLOT DATE: 07-JUN-2010 11:00 DRAWN BY: C.A.K. CHECKED BY: D.W.E. SHEET 62 OF 78



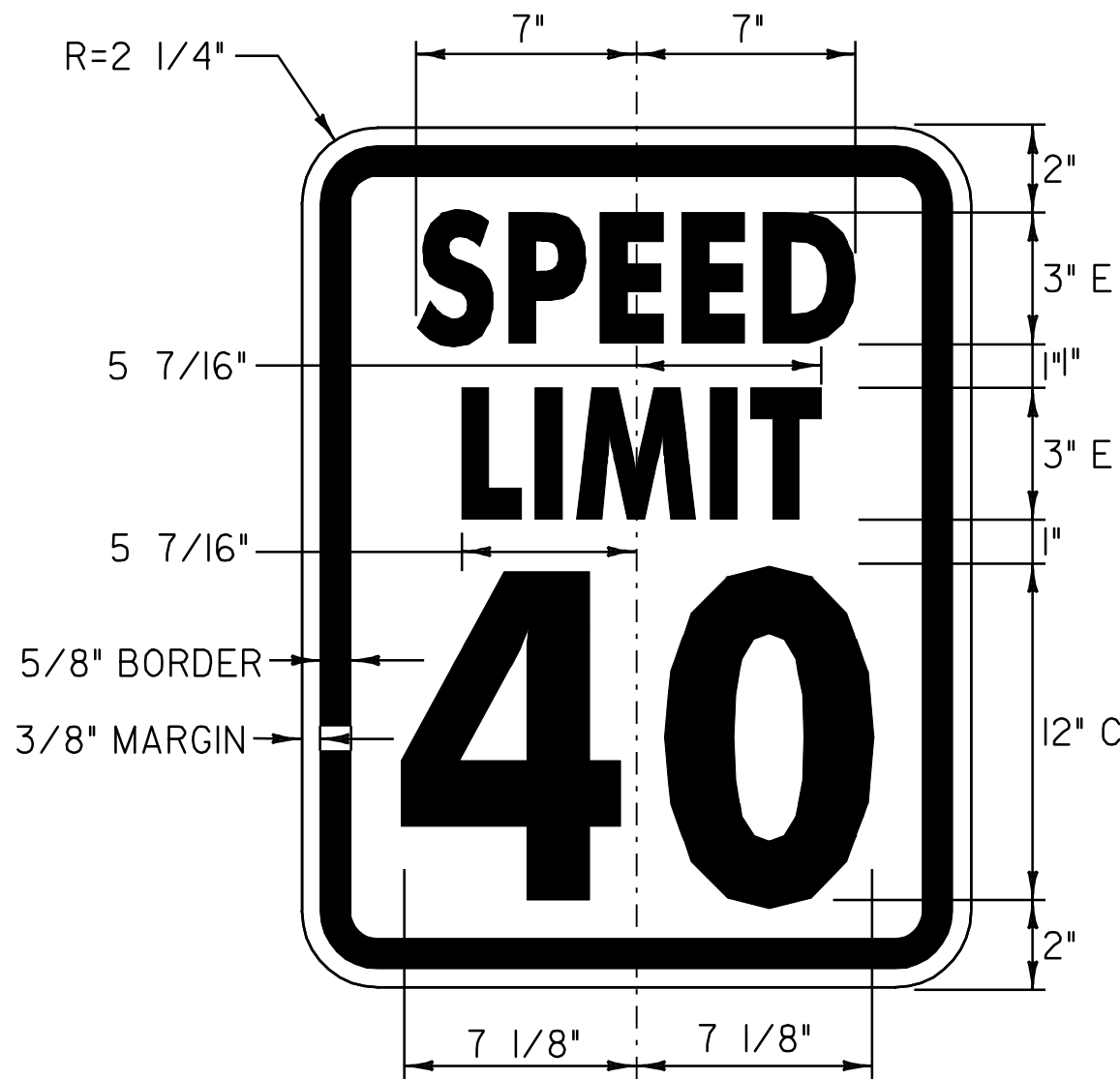
COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-153B
LOCATIONS - U.S. ROUTE 7
MANCHESTER:
STA. 279+28.0 RT
STA. 393+50.0 LT

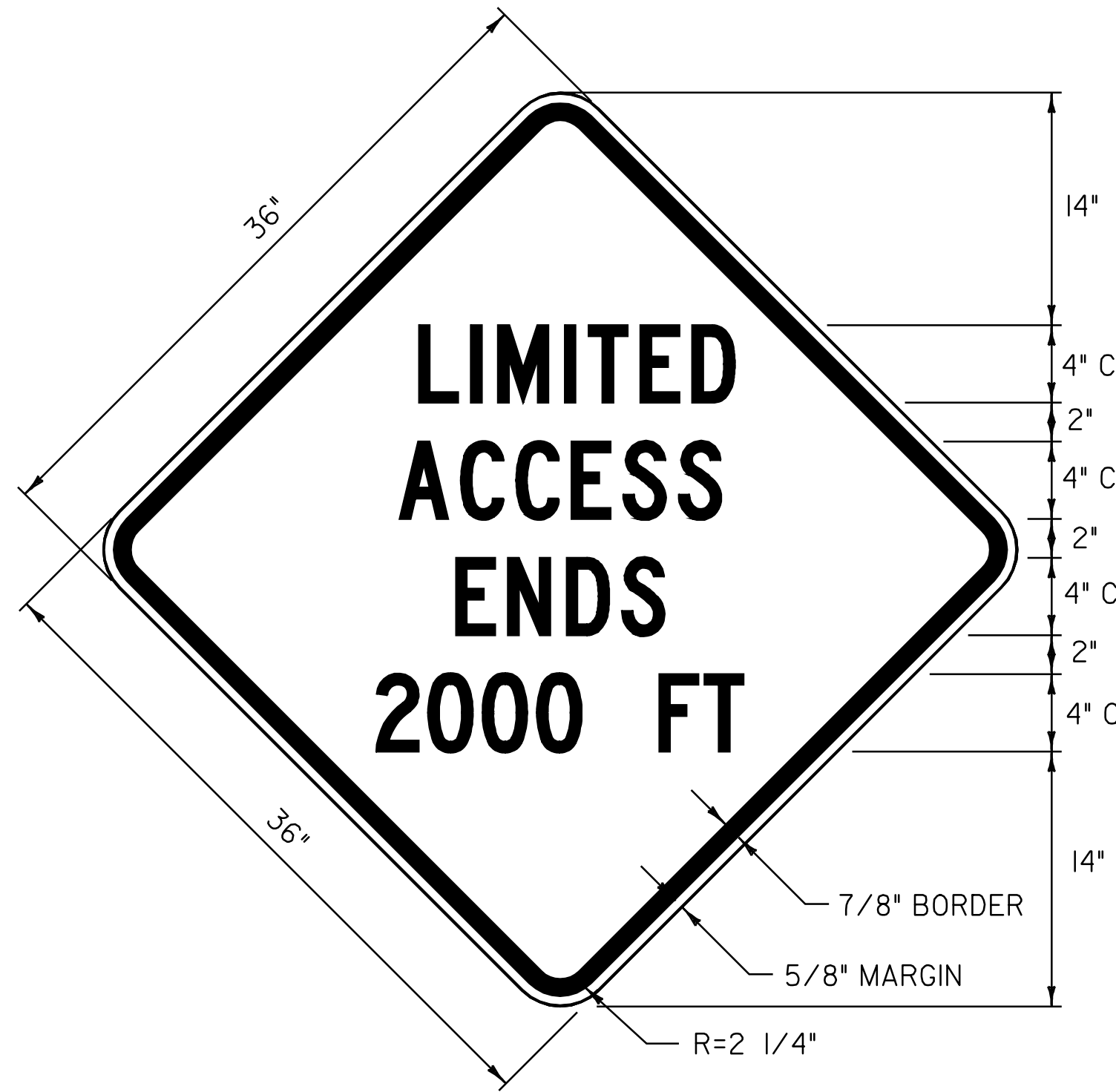


COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-151
LOCATION - U.S ROUTE 7
DORSET:
STA. 71+01.0, RT

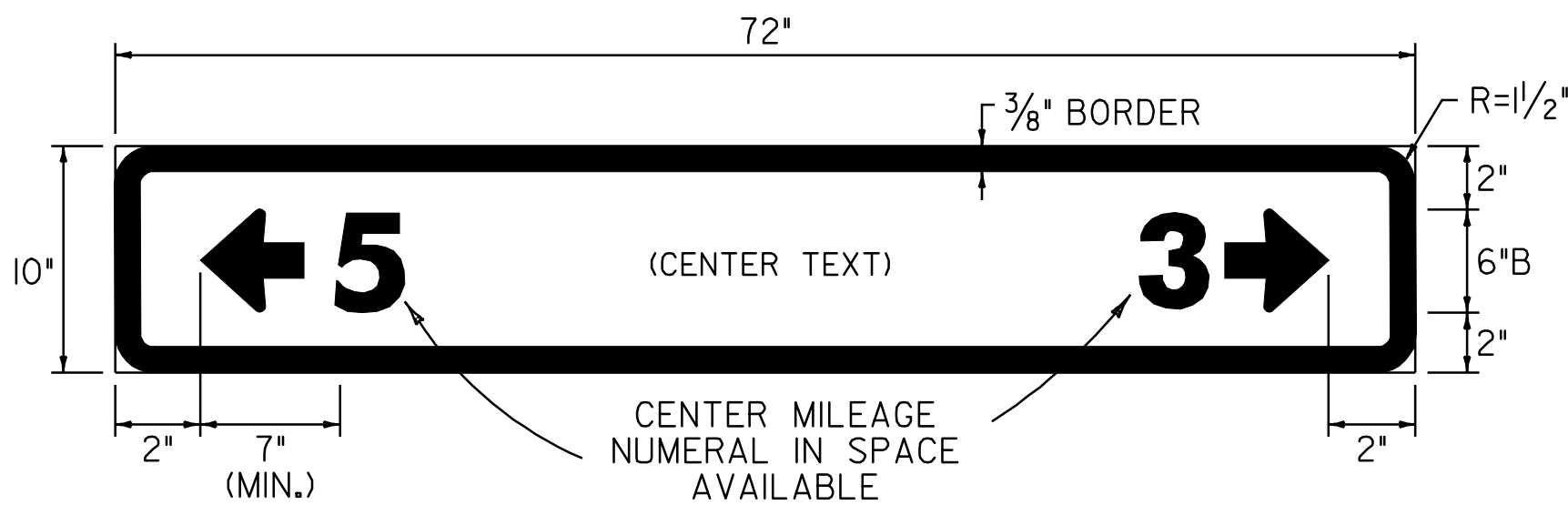


COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)



COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

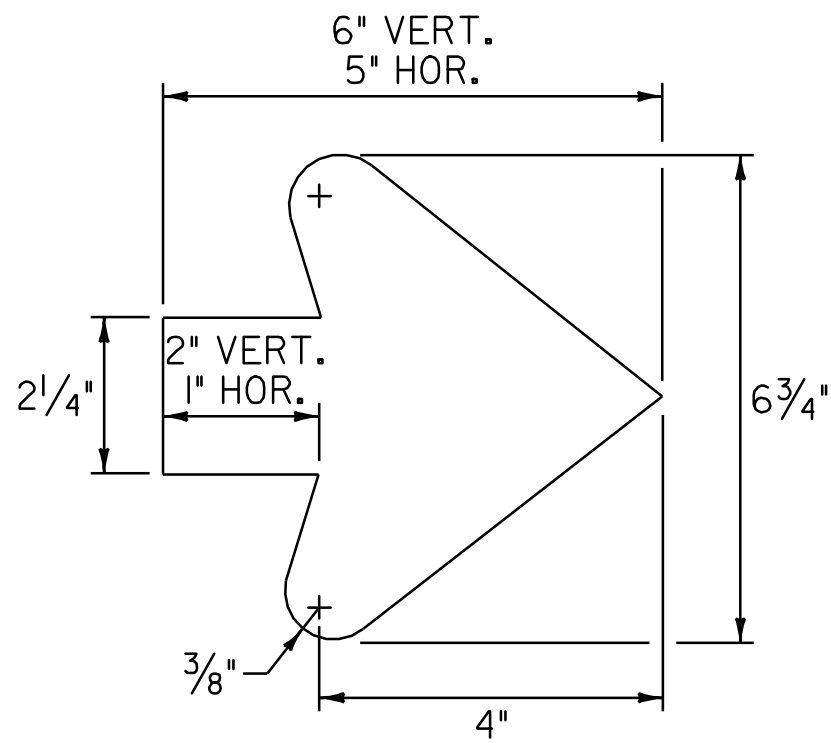
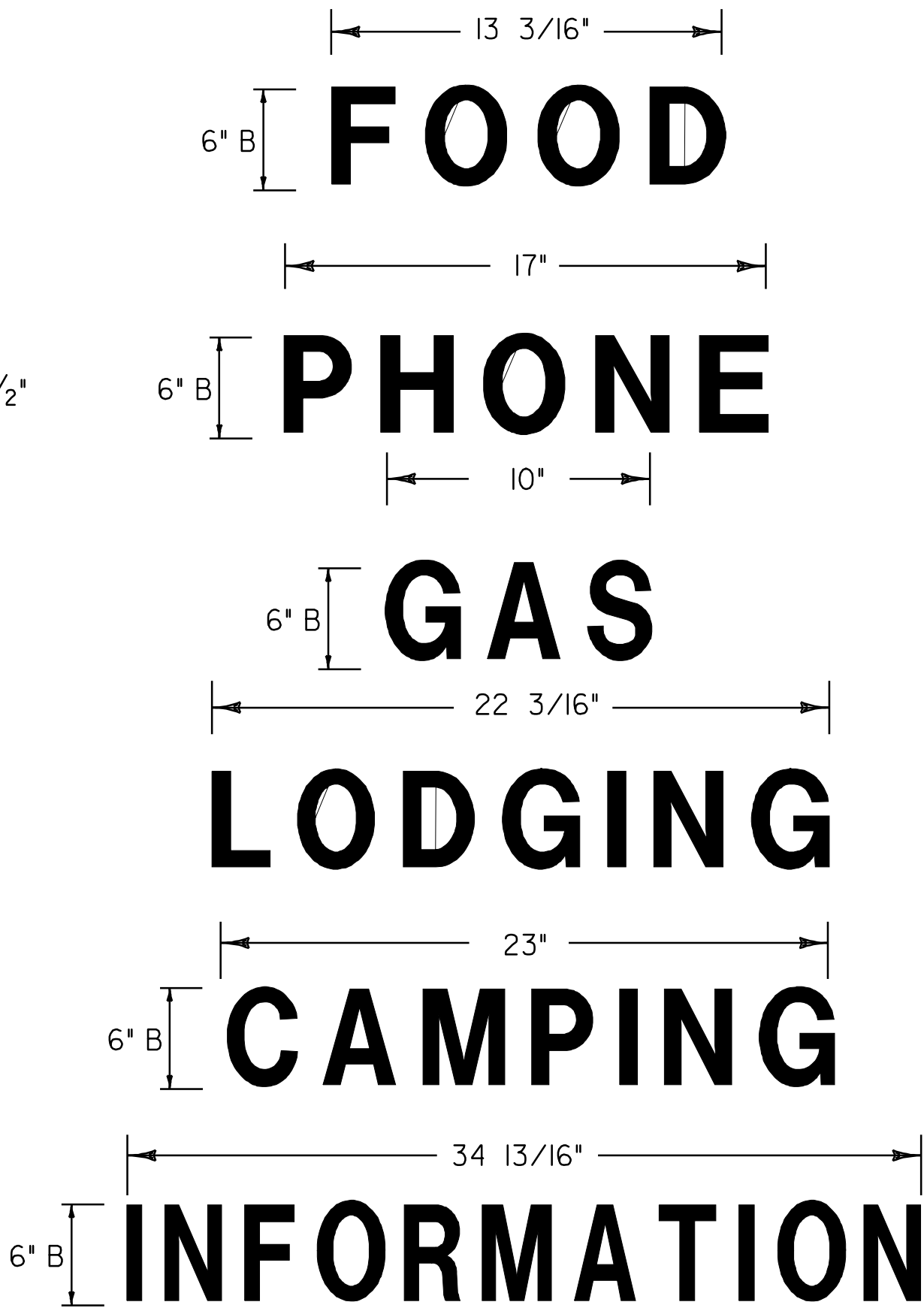
MATERIAL: PER VAOT STANDARD E-153B
LOCATION - U.S. ROUTE 7
DORSET:
STA. 60+40.0, RT



NOTES:

1. TEXT LAYOUT DIMENSIONS ARE BASED ON THE STANDARD ALPHABETS SPACING CHARTS FOUND IN THE "STANDARD HIGHWAY SIGNS" BOOK PUBLISHED BY FHWA. MINOR VARIATIONS IN TEXT DIMENSIONS ARE ACCEPTABLE BASED ON INDIVIDUAL MANUFACTURER'S LETTER FABRICATION. SIGNIFICANT CHANGES THAT AFFECT SIGN APPEARANCE SHALL BE BROUGHT TO THE ATTENTION OF THE VAOT'S TRAFFIC OPERATIONS SECTION BEFORE FABRICATION.

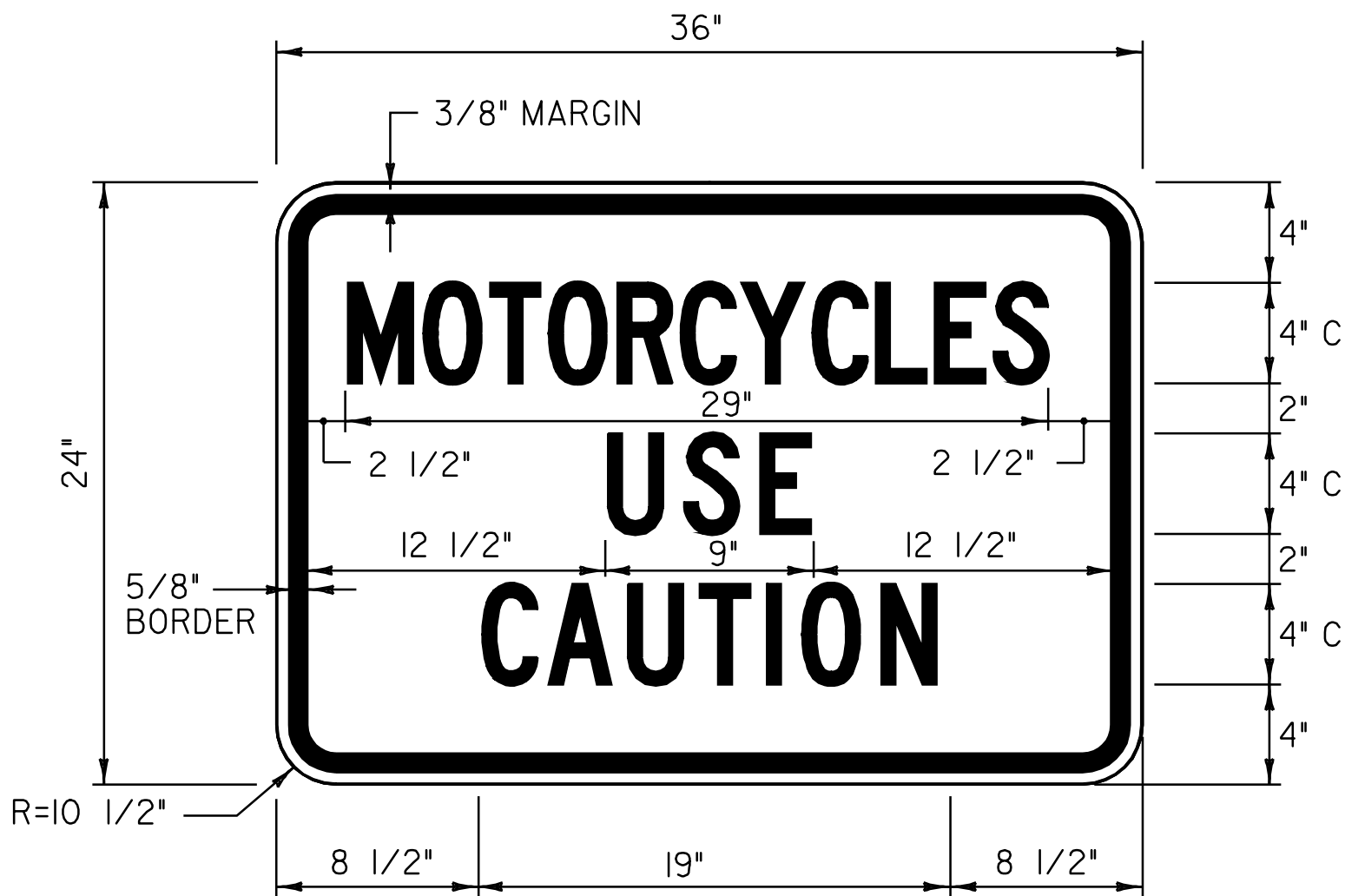
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.



ARROW DIMENSIONS

COLOR: WHITE BORDER, TEXT & SYMBOL (REFLECTORIZED)
BLUE BACKGROUND (REFLECTORIZED)

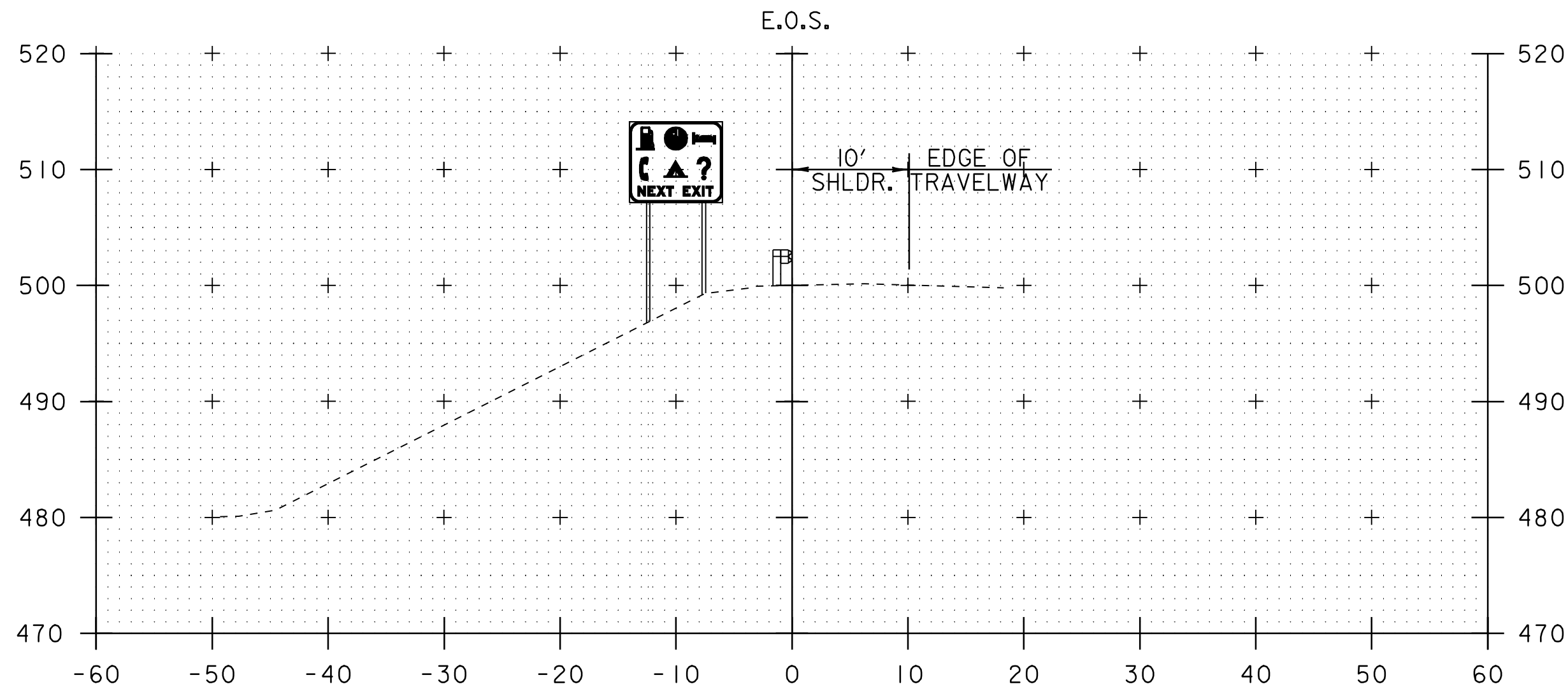
MATERIAL: PER VAOT E-133
LOCATIONS - U.S. ROUTE 7
MANCHESTER:
RAMP D: D12+17.0, RT
DORSET:
STA. 73+01.0, RT



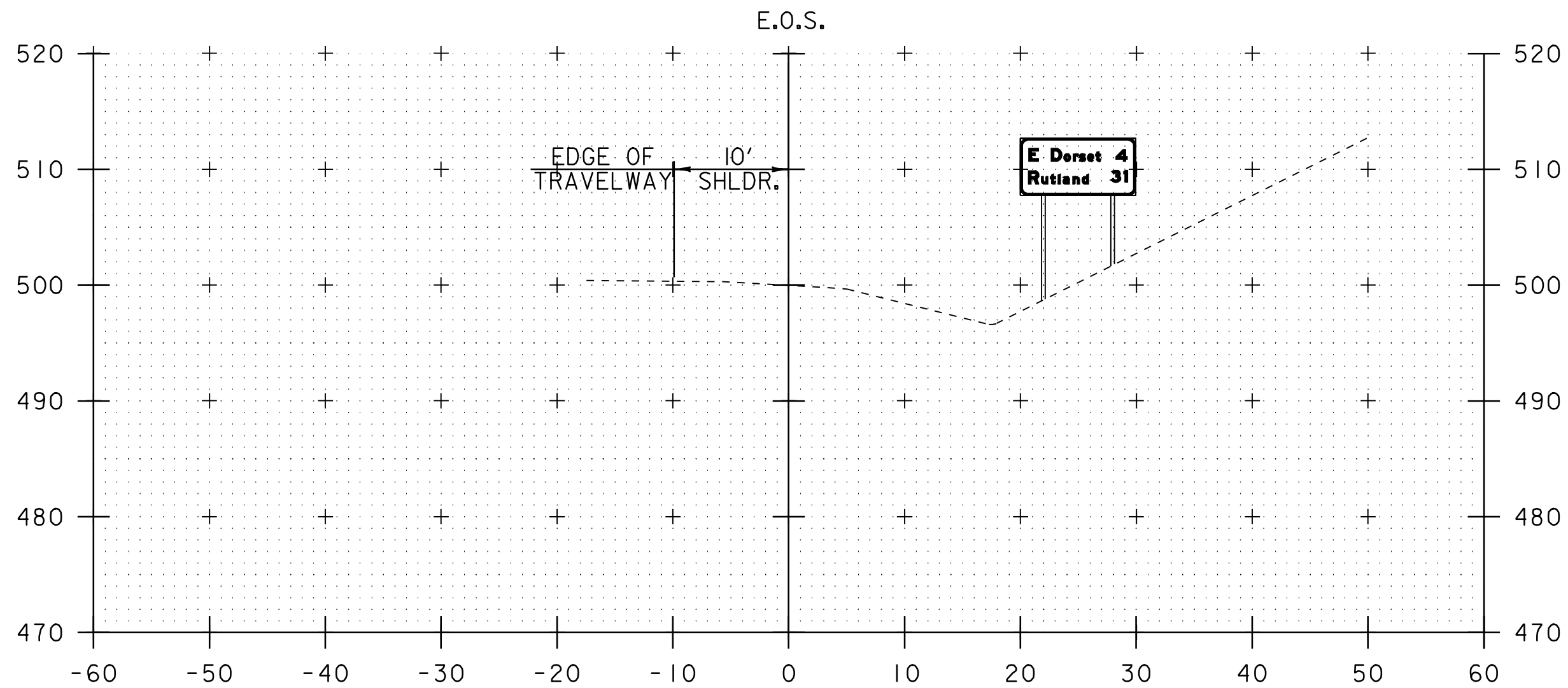
COLOR: BLACK BORDER & TEXT (REFLECTORIZED)
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD E-153B
LOCATIONS - U.S. ROUTE 7
DORSET:
STA. 75+01.0, RT
STA. 78+50.0, LT

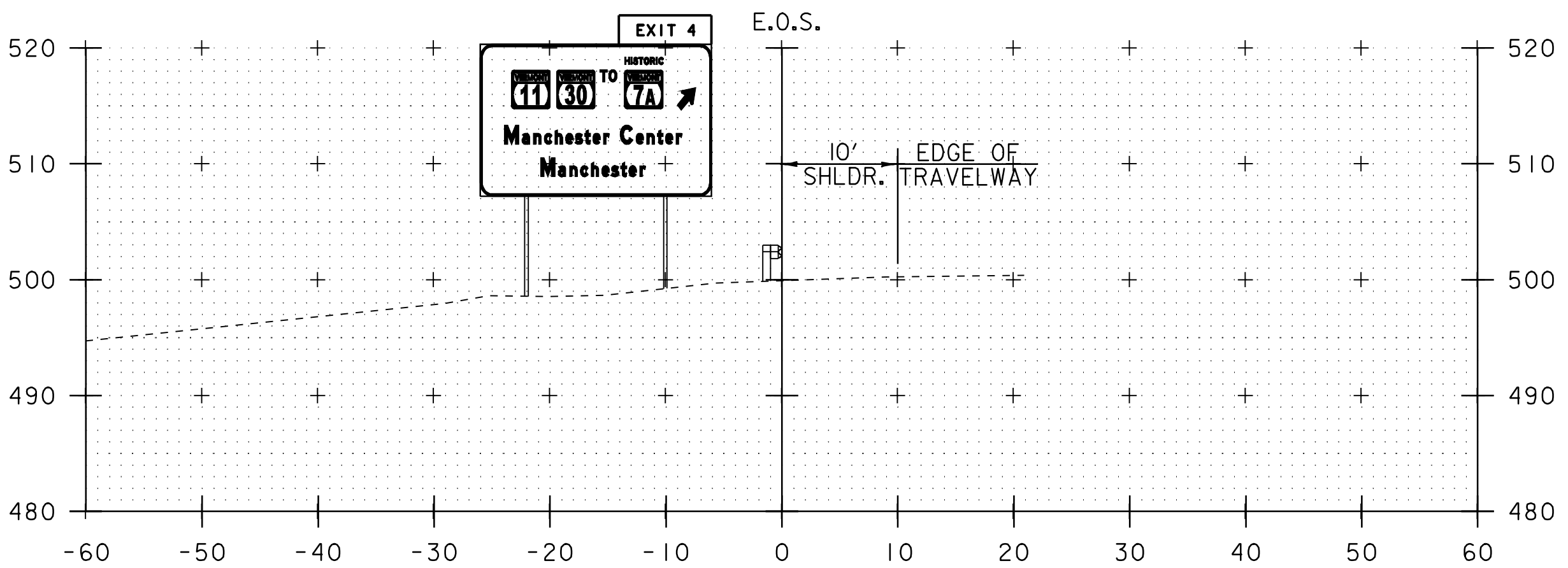
TRAFFIC SIGN DETAIL SHEET #3	NOT TO SCALE	
	PROJECT NAME: MANCHESTER - DORSET	
	PROJECT NUMBER: NH 2608(1)S	
FILE NAME: p06b040.dgn		PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G.		DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.		CHECKED BY: D.W.E.
IPARM FILE: p06b040+sd3.dgn		SHEET 63 OF 78



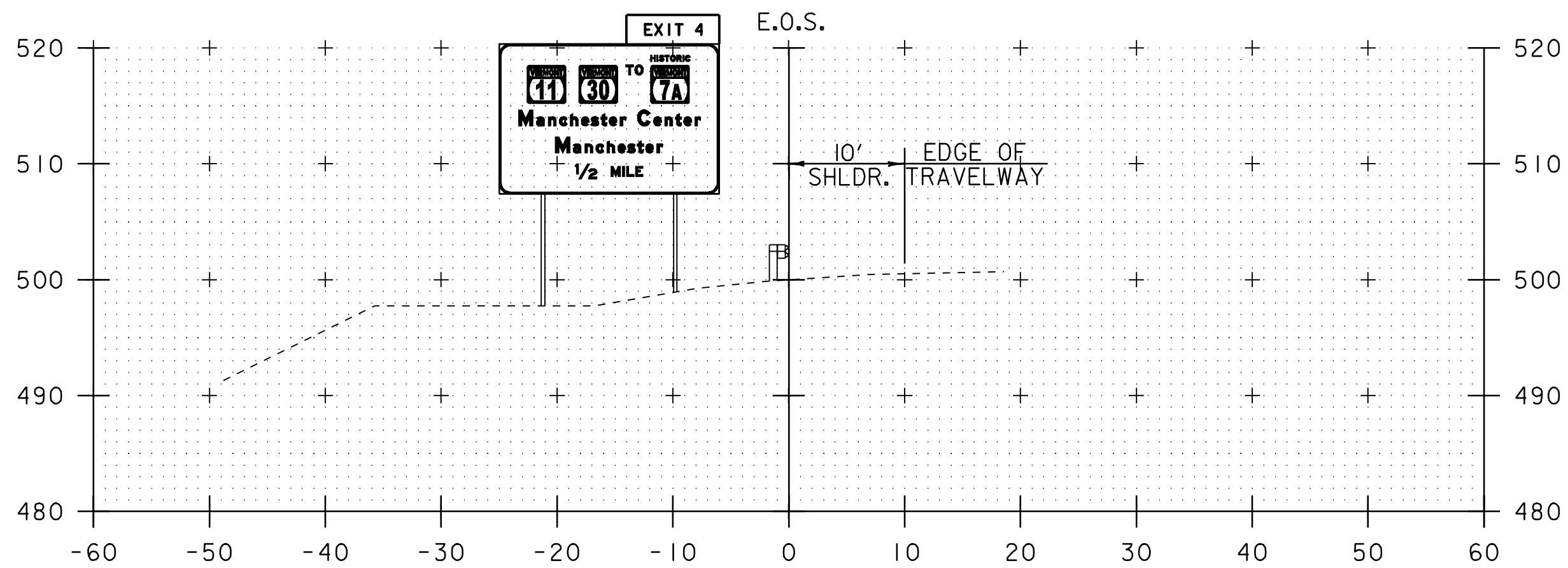
* MANCHESTER
STA. 271+64.0 LT
LEFT POST = 17.3'
RIGHT POST = 14.9'
3.5" DIAMETER TUBULAR STEEL



MANCHESTER
STA. 291+39.0 RT
LEFT POST = 14.0'
RIGHT POST = 11.0'
3" DIAMETER TUBULAR STEEL

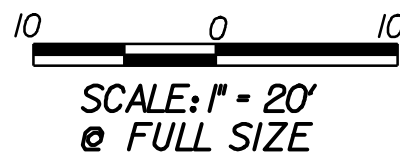


* MANCHESTER
STA. 263+64.0 LT
LEFT POST = 21.8'
RIGHT POST = 21.1'
W 8x21

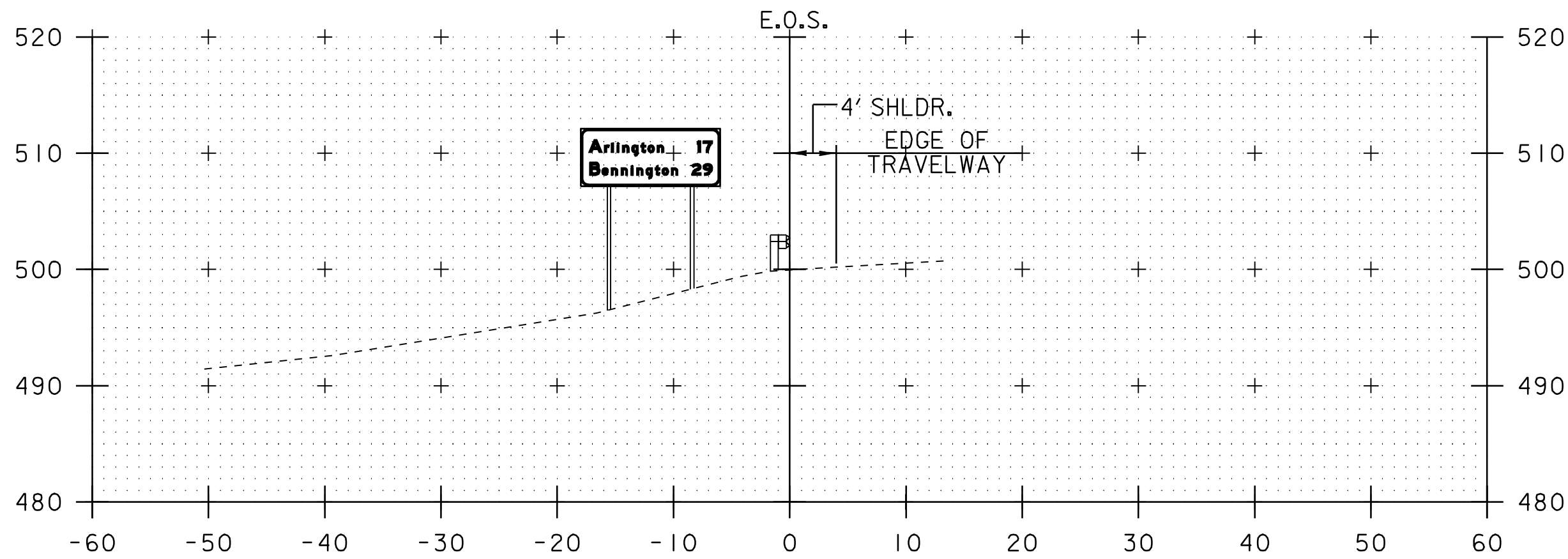


* MANCHESTER
STA. 282+76.0 LT
LEFT POST = 22.6'
RIGHT POST = 21.4'
W 12x30

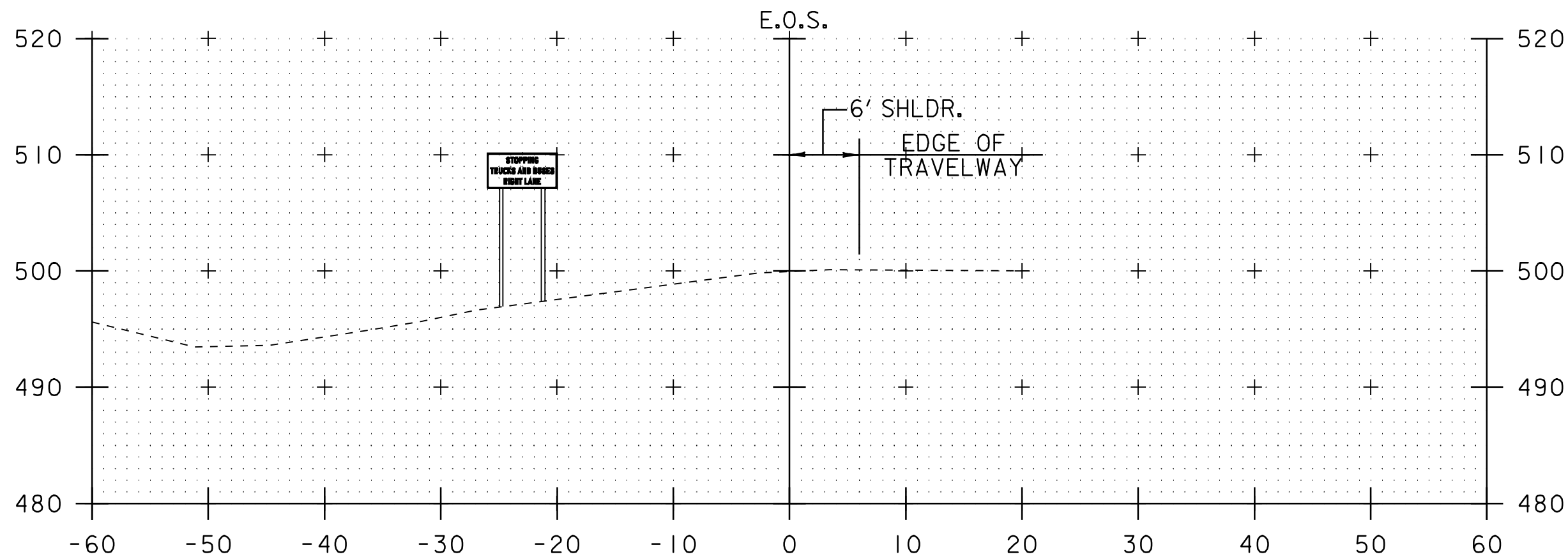
* THIS SIGN FACE HAS BEEN SHOWN ON THE CROSS SECTION AT THE PROPER STATION AND OFFSET. DUE TO THE ORIENTATION OF THE STATION LINE, THE TEXT AND SYMBOLS HAVE BEEN SHOWN ON THE BACK OF THE PROPOSED GUIDE SIGN FOR ALL SIGNS TO BE INSTALLED ON THE SOUTHBOUND SIDE OF U.S. ROUTE 7.



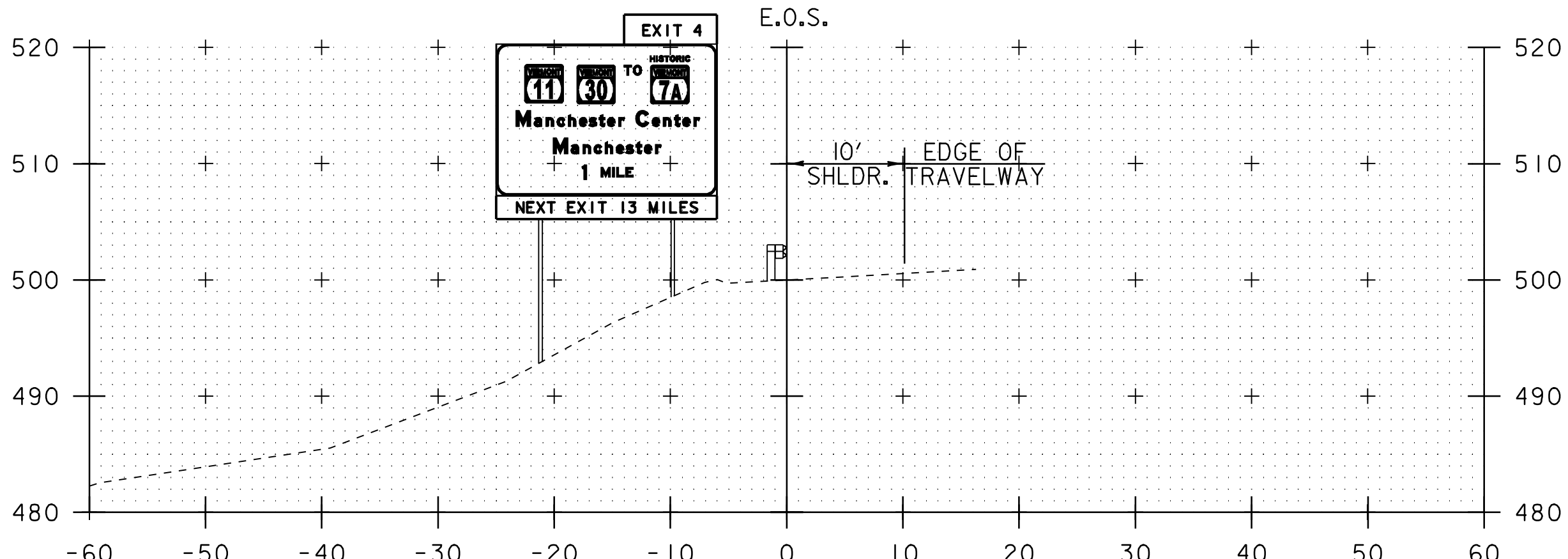
NOT TO SCALE	
TRAFFIC SIGN CROSS SECTION SHEET #1	
PROJECT NAME: MANCHESTER - DORSET	PROJECT NUMBER: NH 2608(I)S
FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b040xsc01.dgn	SHEET 64 OF 78



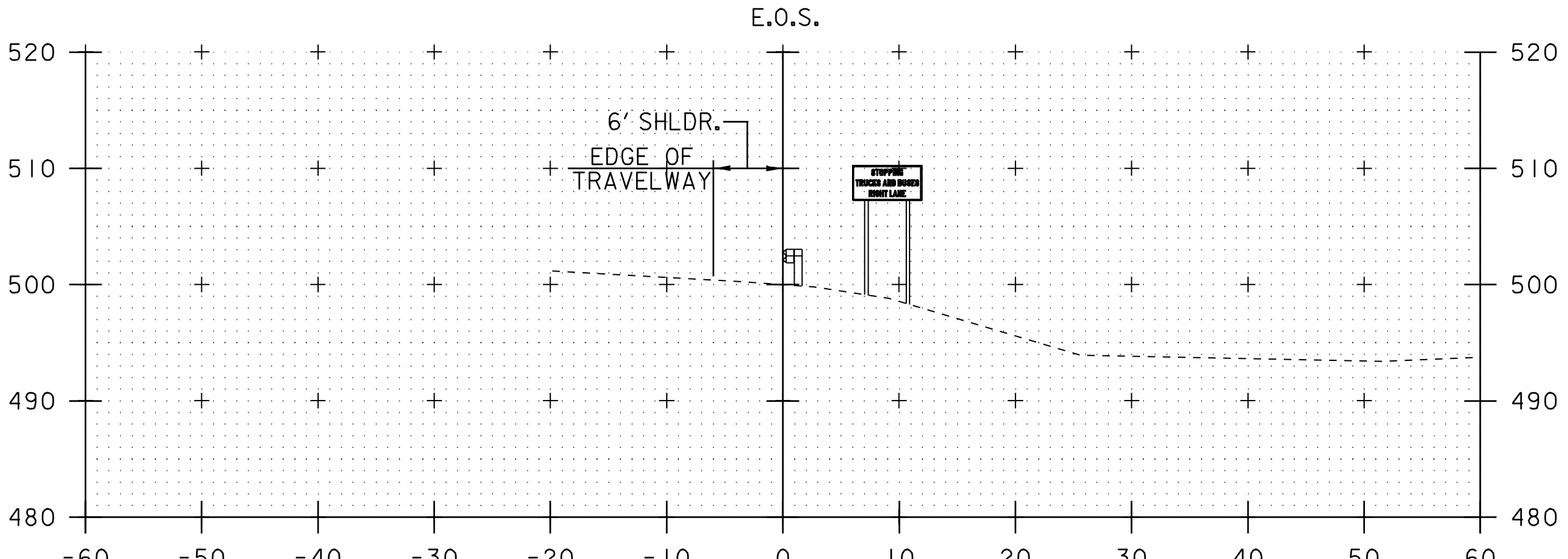
* DORSET
STA. 65+80.0 LT
LEFT POST = 15.7'
RIGHT POST = 13.9'
3.5" DIAMETER TUBULAR STEEL



* DORSET
STA. 82+99.0 LT
LEFT POST = 13.2'
RIGHT POST = 12.7'
3" DIAMETER TUBULAR STEEL

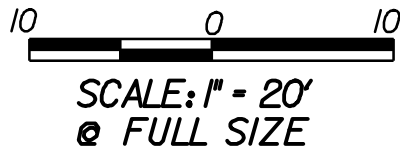


* MANCHESTER
STA. 307+19.0 LT
LEFT POST = 27.4'
RIGHT POST = 21.7'
W 12x30



DORSET
STA. 71+73.0 RT
LEFT POST = 11.2'
RIGHT POST = 11.9'
3" DIAMETER TUBULAR STEEL

* THIS SIGN FACE HAS BEEN SHOWN ON THE CROSS SECTION AT THE PROPER STATION AND OFFSET. DUE TO THE ORIENTATION OF THE STATION LINE, THE TEXT AND SYMBOLS HAVE BEEN SHOWN ON THE BACK OF THE PROPOSED GUIDE SIGN FOR ALL SIGNS TO BE INSTALLED ON THE SOUTHBOUND SIDE OF U.S. ROUTE 7.

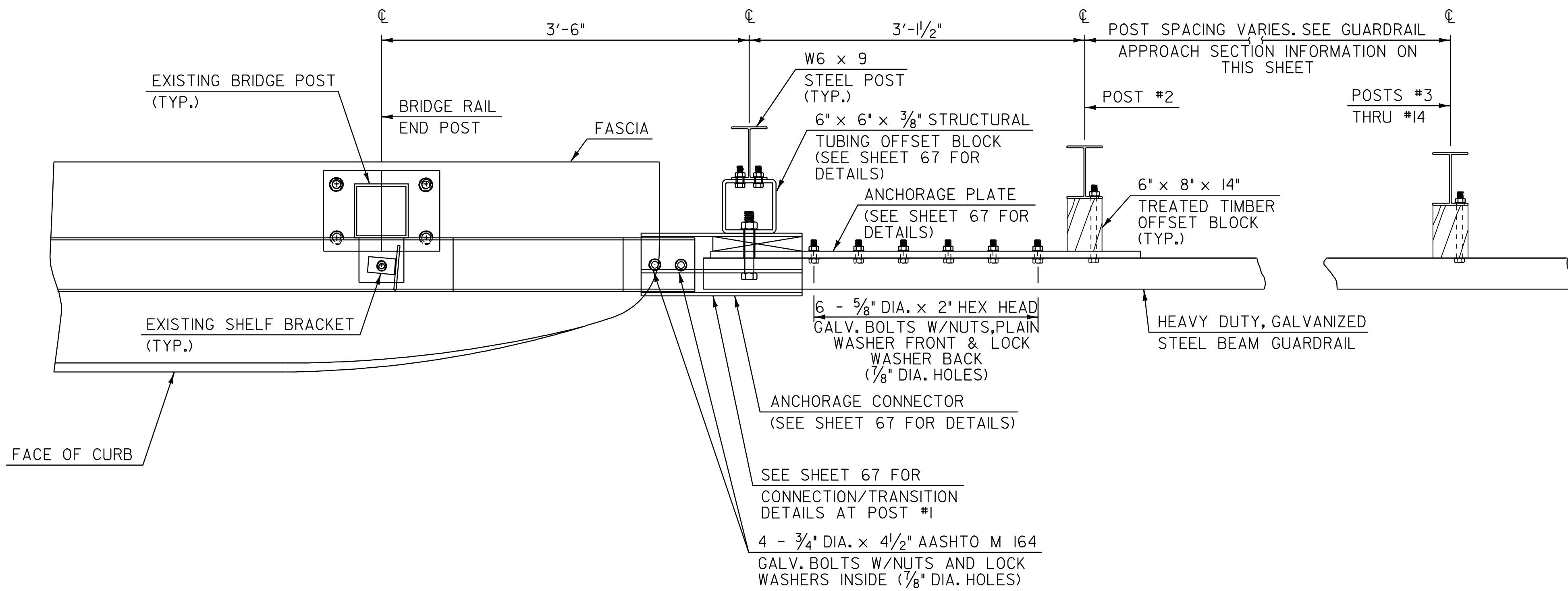


NOT TO SCALE

TRAFFIC SIGN
CROSS SECTION
SHEET #2

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040xsc02.dgn
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 65 OF 78

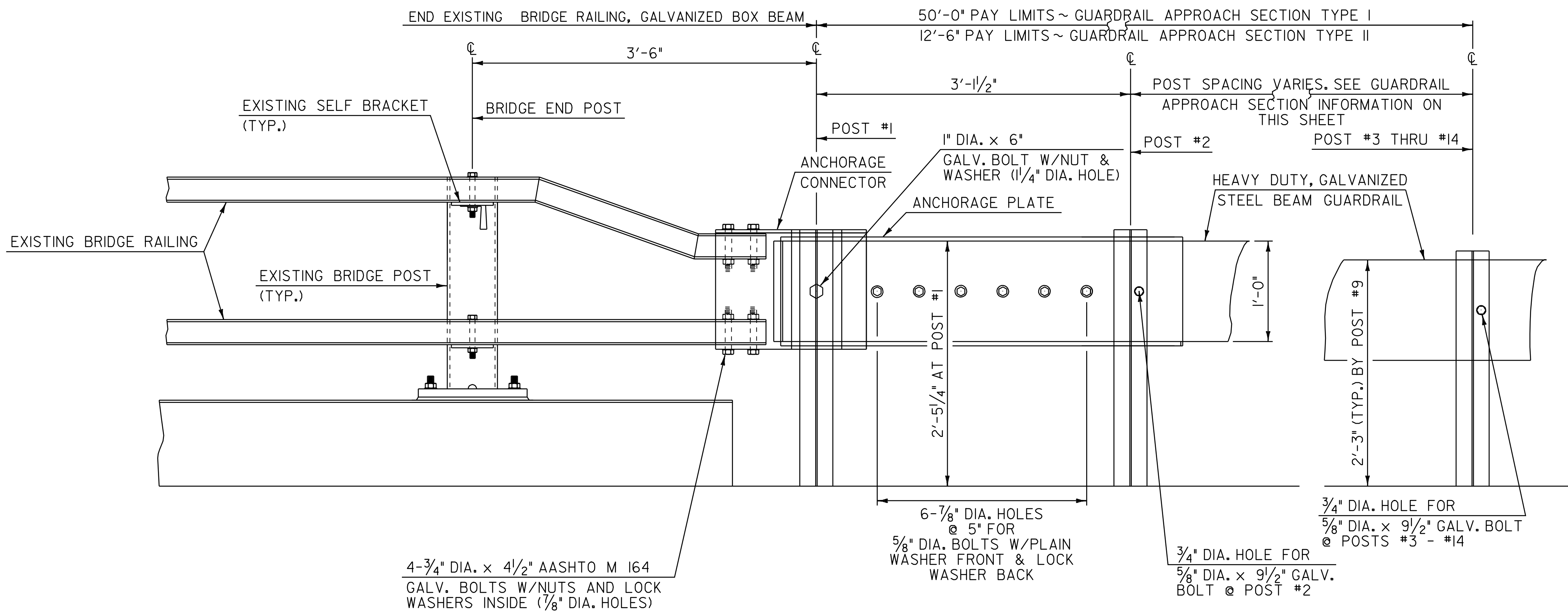


PLAN

**GUARDRAIL
APPROACH SECTION,
GALVANIZED TYPE I**

POST NO.	SPACING
1	3'-1 1/2"
2	3'-1 1/2"
3	3'-1 1/2"
4	3'-1 1/2"
5	3'-1 1/2"
6	3'-1 1/2"
7	3'-1 1/2"
8	3'-1 1/2"
9	3'-1 1/2"
10	4'-2"
11	4'-2"
12	4'-2"
13	6'-3"
14	6'-3"

50'-0" PAY LIMITS GUARDRAIL
APPROACH SECTION,
GALVANIZED TYPE I



**ELEVATION
GUARDRAIL APPROACH SECTION DETAIL**

**GUARDRAIL
APPROACH SECTION,
GALVANIZED TYPE II**

POST NO.	SPACING
1	3'-1 1/2"
2	4'-8 3/4"
3	4'-8 3/4"
4	4'-8 3/4"

12'-6" PAY LIMITS
GUARDRAIL
APPROACH SECTION,
GALVANIZED TYPE II

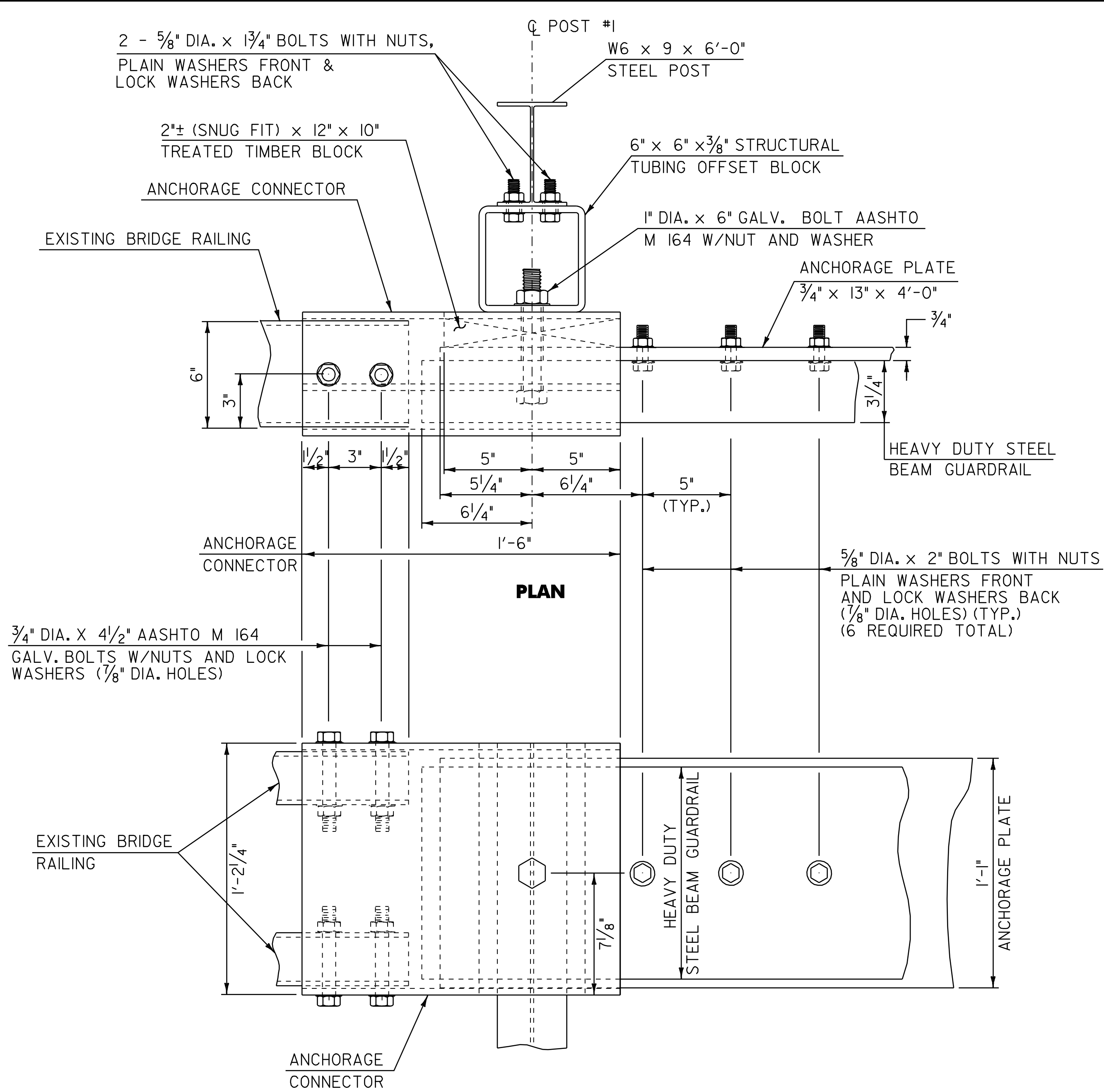
NOT TO SCALE

**GUARDRAIL
APPROACH
SECTION
DETAIL SHEET #1**

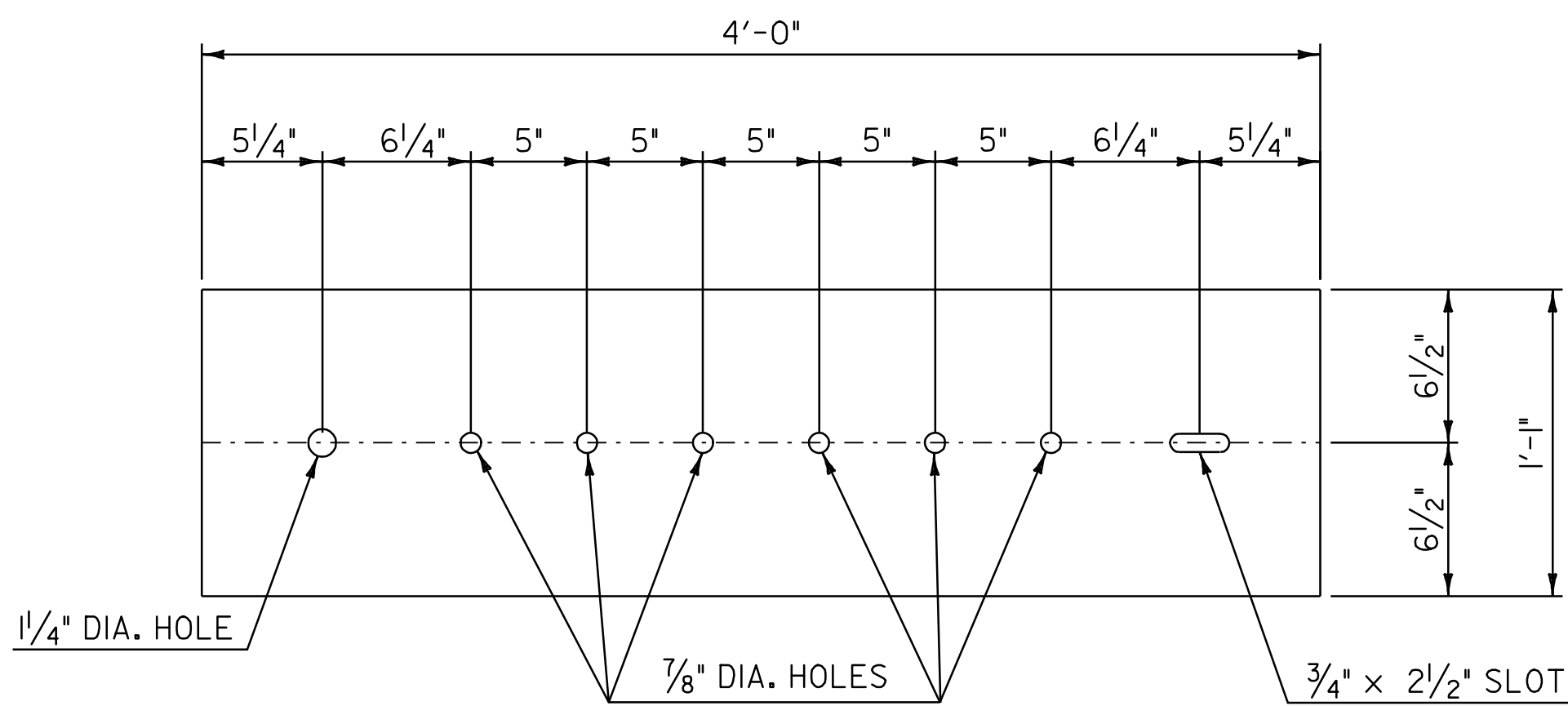
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040gdl.i

PLOT DATE: 07-JUN-2010 11:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 66 OF 78



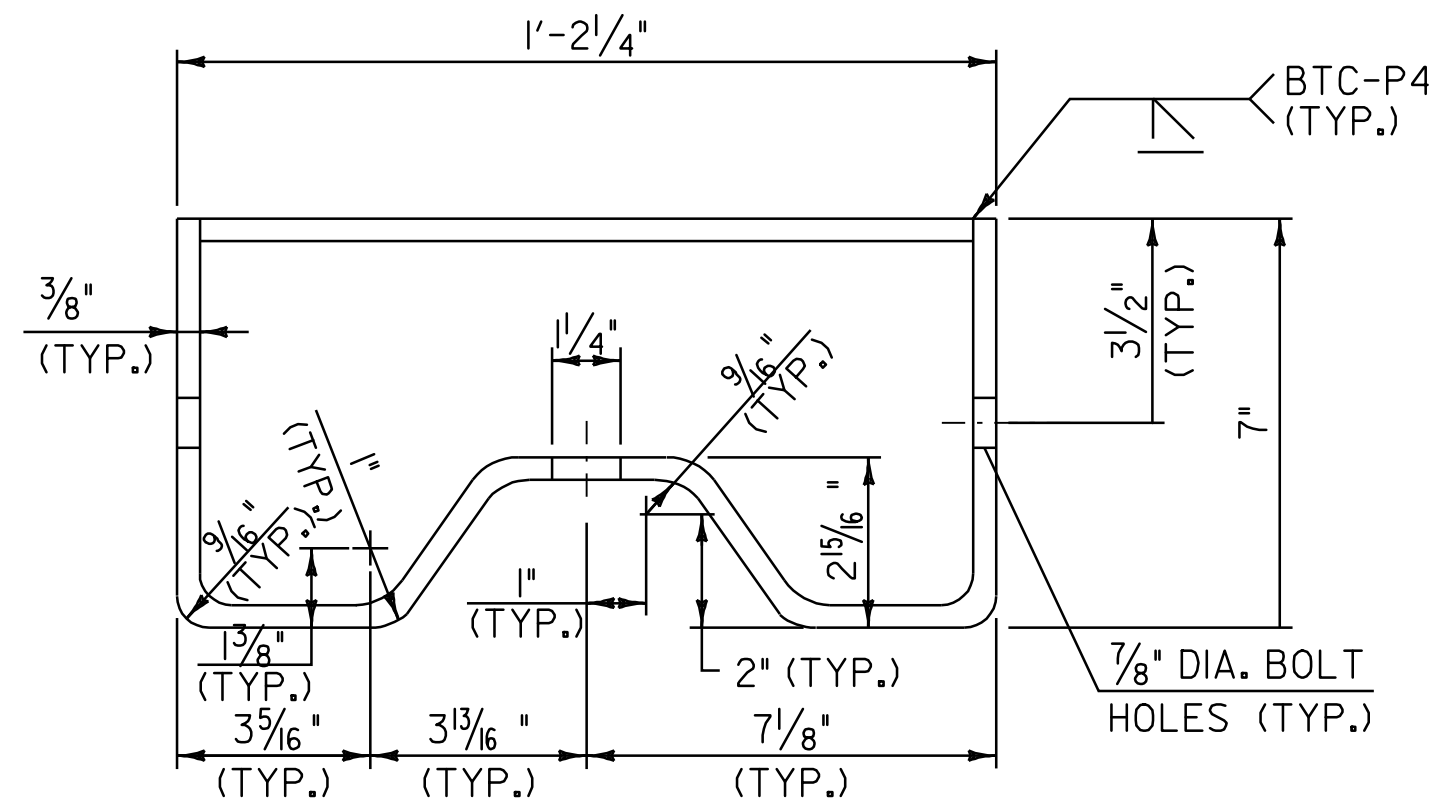
CONNECTION DETAILS AT POST #1



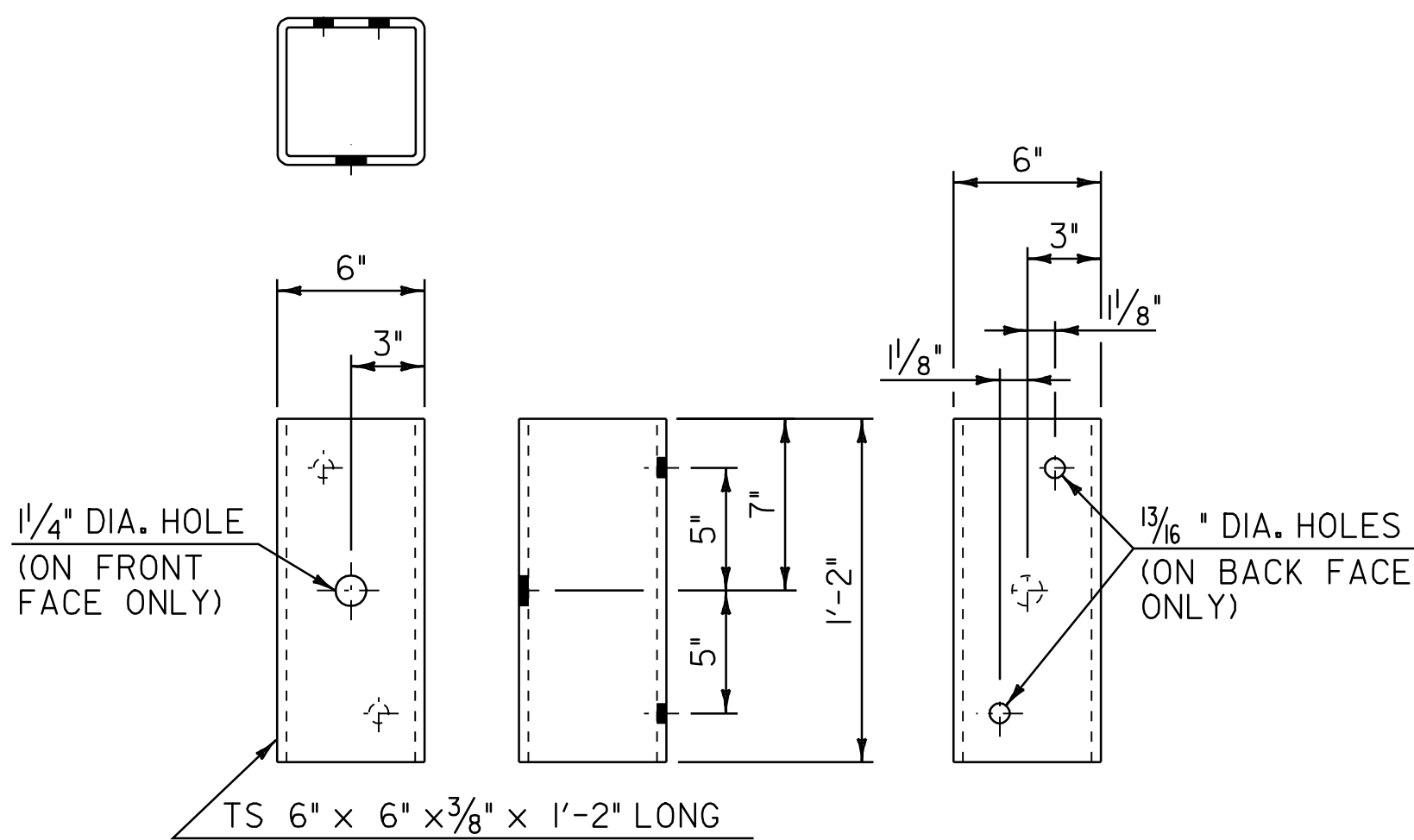
ANCHORAGE PLATE DETAIL

NOTES

1. REFER TO STANDARD G-1 FOR ADDITIONAL RAIL DETAILS.
2. ALL POSTS FOR HEAVY DUTY STEEL BEAM GUARDRAIL SHALL BE STEEL IN ACCORDANCE WITH SECTION 728 "GUARDRAIL, GUIDE POSTS AND BARRIERS" UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.
3. APPROACH RAIL SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
4. ANCHORAGE CONNECTOR AND ANCHORAGE PLATE SHALL BE AASHTO M 270, GRADE 250 GALVANIZED TO AASHTO M III AFTER FABRICATION.
5. ALL BOLTS, NUTS AND WASHERS SHALL BE AASHTO M 164 GALVANIZED TO AASHTO M 232 AFTER FABRICATION.
6. STRUCTURAL TUBING OFFSET BLOCK SHALL BE AASHTO M 183 GALVANIZED TO AASHTO M III AFTER FABRICATION.
7. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 50'-0" FROM THE Q OF POST #I FOR TYPE I AND 12'-6" FROM THE Q OF POST #I FOR TYPE II.
8. ALLOWABLE DIMENSIONAL TOLERANCE FOR BENT SECTIONS IS $\pm 1/16$ ".
9. THE UNIT PRICES BID FOR EITHER TYPE OF GUARDRAIL APPROACH SECTION SHALL INCLUDE ANCHORAGE CONNECTOR, ANCHORAGE PLATE, HEAVY DUTY STEEL BEAM GUARDRAIL, POSTS, OFFSET BLOCKS, BLOCKING, BOLTS, AND ALL NECESSARY HARDWARE.



ANCHORAGE CONNECTOR DETAIL
(SEE NOTE 8)



STRUCTURAL TUBING OFFSET BLOCK DETAILS
(OCCURS AT POST #I WHEN USING APPROACH RAIL UTILIZING STEEL POSTS)

NOT TO SCALE

GUARDRAIL
APPROACH
SECTION
DETAIL SHEET #2

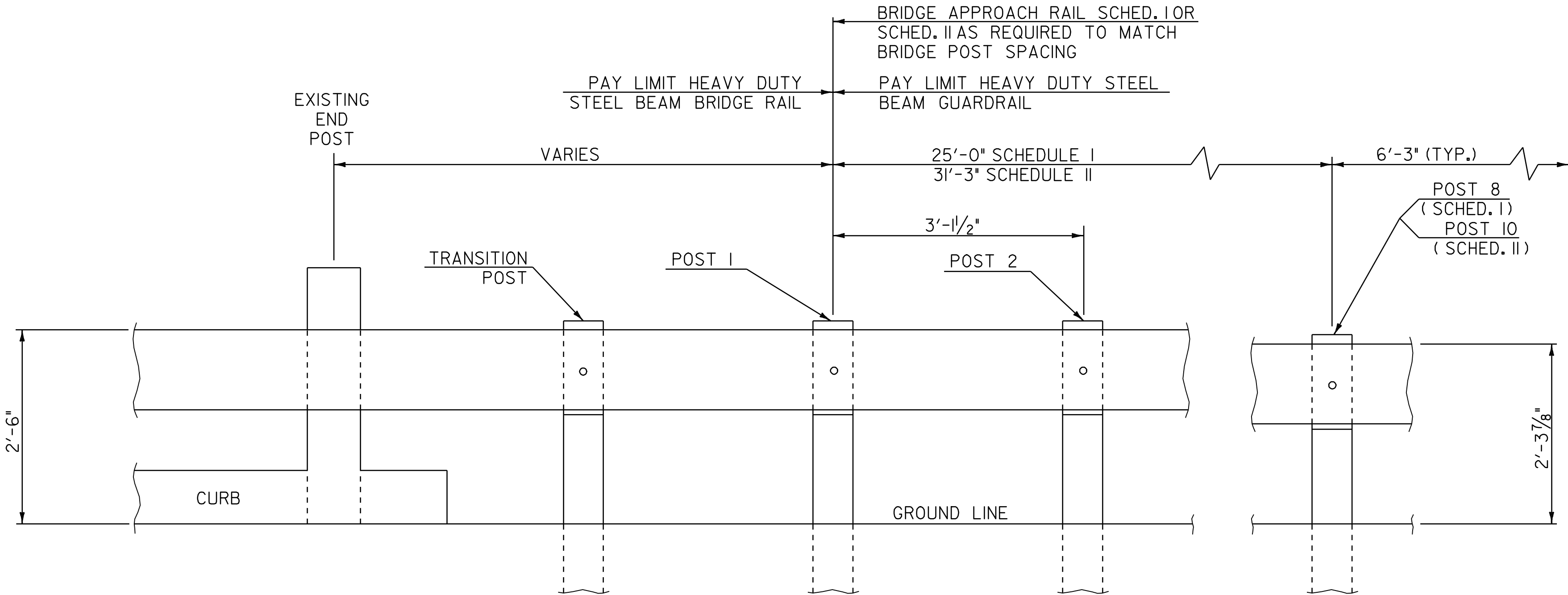
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040gd2.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 67 OF 78

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	620.75	525.50 (BRIDGE RAILING REPAIR, TYPE I)	REMARKS
DORSET:							
89+91.3 - 90+03.8	RT	46	8"	12.5	-	12.5	
90+43.5 - 90+56.0	LT	46	8"	12.5	-	12.5	
364+00.32	RT	29		-	81	-	INSTALL NEW SNOW BARRIER ON EXISTING BR29 BRIDGE RAIL
364+00.32	LT	29		-	81	-	INSTALL NEW SNOW BARRIER ON EXISTING BR29 BRIDGE RAIL
ROUNDING				-	13	-	
TOTAL				25	175	25	



SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1 1/2"	1.4 x 12'-6"
2	3'-1 1/2"	
3	3'-1 1/2"	
4	3'-1 1/2"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	4'-2"	
9	6'-3" (TYP.)	1.0 (TYP.)
TOTAL PAY LIMITS = 32' -6"		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1 1/2"	1.4 x 18'-9"
2	3'-1 1/2"	
3	3'-1 1/2"	
4	3'-1 1/2"	
5	3'-1 1/2"	
6	3'-1 1/2"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	4'-2"	
10	4'-2"	
11	6'-3" (TYP.)	1.0 (TYP.)
TOTAL PAY LIMITS = 41' -3"		

SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1.
SCHEDULE II APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST.

BRIDGE APPROACH RAILING

GENERAL NOTES

- BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
- APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
- FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- SEE STANDARD SHEET G-I FOR DELINEATION DETAILS AND PLACEMENT.
- ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
- ALL BRIDGE POSTS, HEAVY DUTY STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
- ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE AASHTO M 183, UNLESS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION TO CONFORM TO AASHTO M 111.
- SEE STANDARD SHEET G-I FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
- NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.
- ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10 OF THE STANDARD SPECIFICATIONS.
- GROUT NEW ANCHOR BOLTS WITH TWO COMPONENT ADHESIVE MORTAR. DRILL HOLES SHALL BE 2" DIAMETER. DRILLING AND GROUTING NEW ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE BRIDGE RAILING OR HEAVY DUTY STEEL BEAM GUARDRAIL ITEM.
- A MINIMUM PULLOUT STRENGTH OF 30 KIPS SHALL BE ATTAINED ON ALL NEW BOLTS THAT ARE GROUTED IN PLACE. A SAMPLE GROUTED BOLT WILL BE TESTED BEFORE MATERIALS ARE APPROVED FOR USE AND RANDOM BOLTS WILL BE FIELD TESTED BY THE STATE OF VERMONT TO ENSURE THIS STRENGTH IS BEING ATTAINED. FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED TO ALERT THE VAOT REGARDING WHEN THE CONTRACTOR WILL BE READY FOR THIS TESTING.
- THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON LIMITED FIELD INVESTIGATION AND AVAILABLE RECORD DRAWING INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO SUBMISSION OF FABRICATION DRAWINGS FOR APPROVAL.
- ALL LANES SHALL BE OPENED TO TRAFFIC DURING NON-WORKING HOURS. NO GAPS BETWEEN EXISTING RAILING AND NEW RAILING WILL BE PERMITTED. DETAILS FOR TEMPORARY RAIL SHALL BE SUBMITTED FOR APPROVAL IF REQUIRED TO BRIDGE GAPS IN RAILING. PAYMENT FOR TEMPORARY RAIL SHALL BE CONSIDERED INCIDENTAL TO ITEM 525.10 REMOVAL OF EXISTING RAILING.

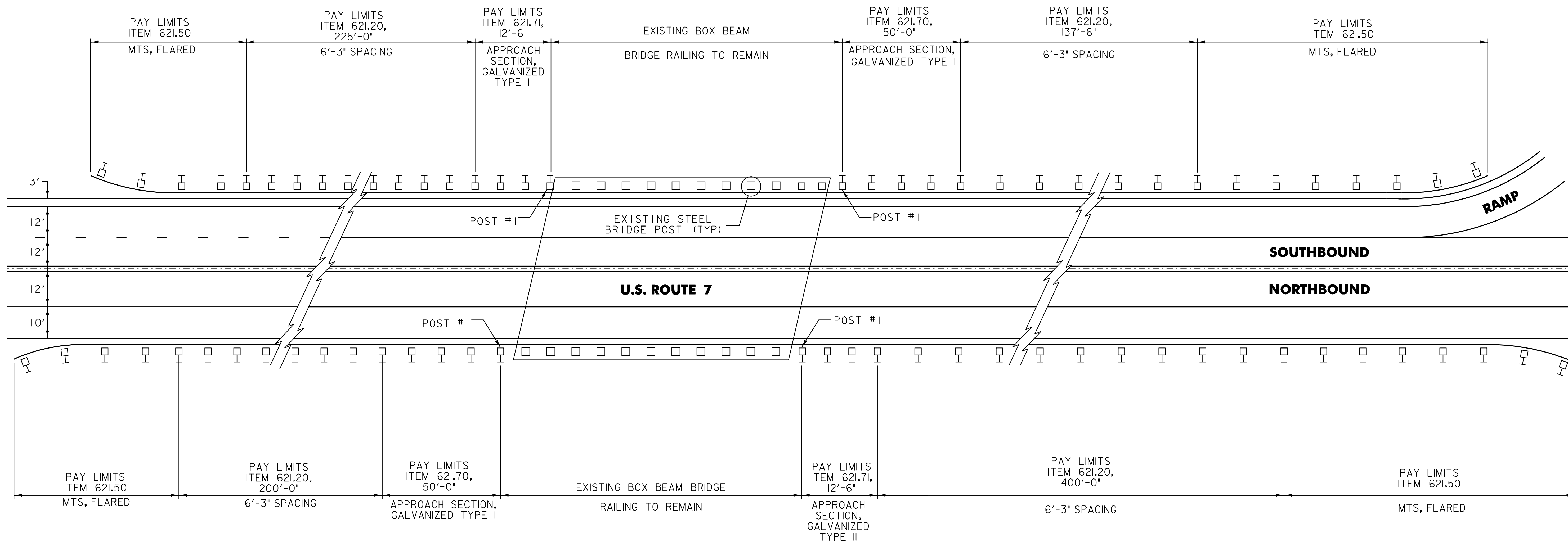
NOT TO SCALE

BRIDGE
DETAIL
SHEET #1

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040bdl.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 68 OF 78



BR 27 MANCHESTER MM 4.654 = STA. 245+73.12

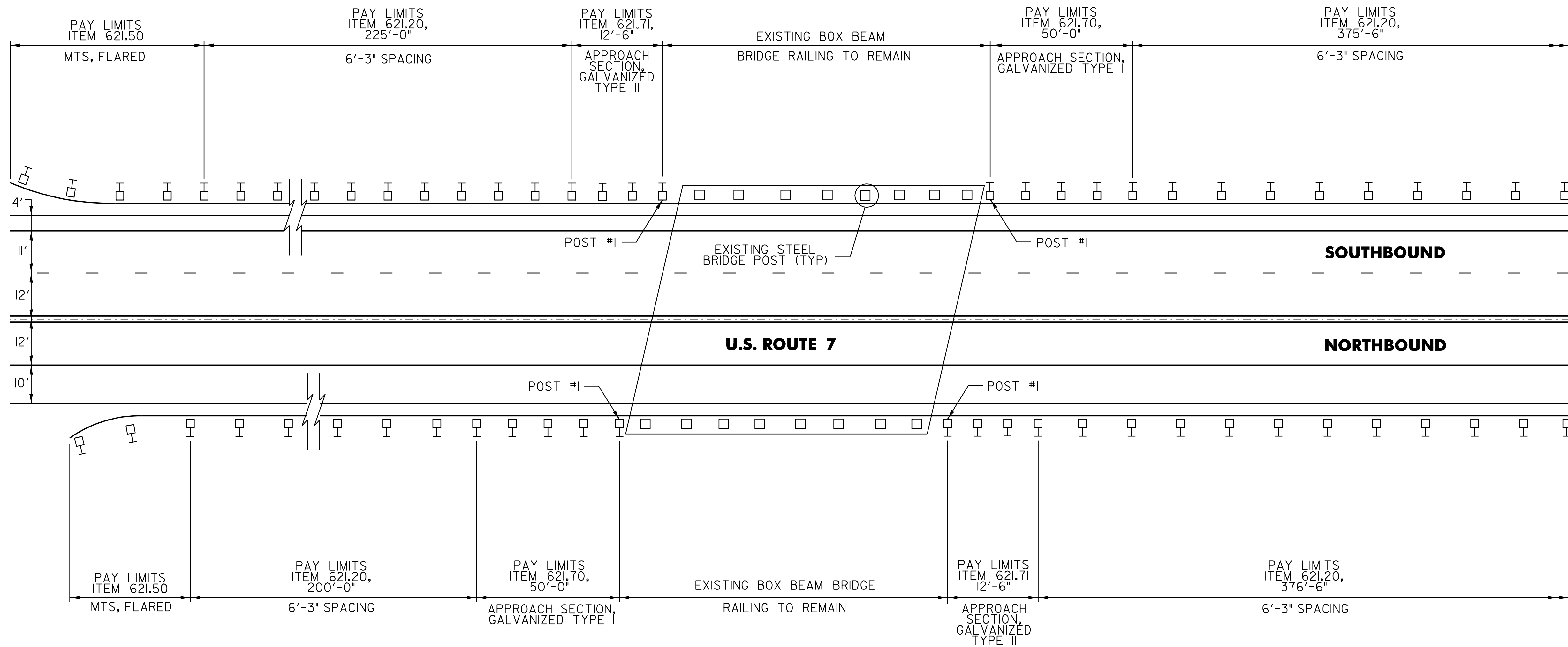
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #2**

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040bd2.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 69 OF 78



BR 30 DORSET MM 1.301 = STA. 68+69.28

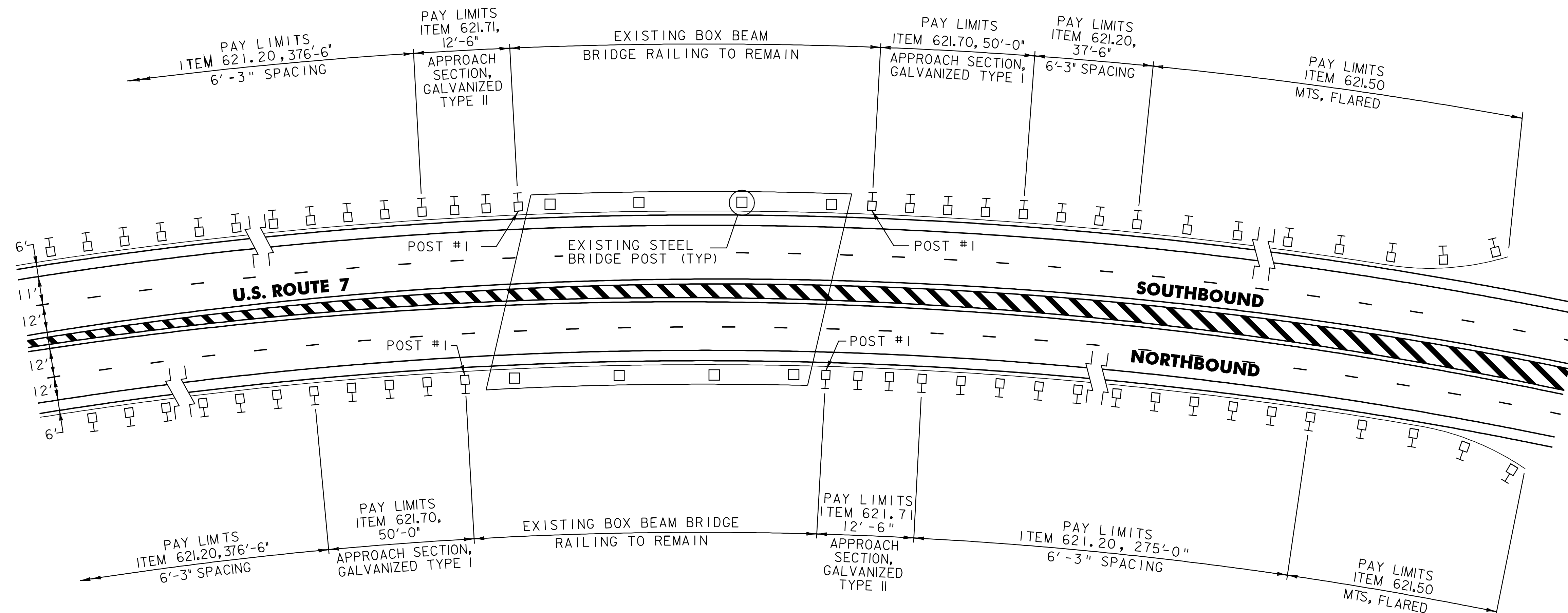
NOT TO SCALE

BRIDGE
DETAIL
SHEET #3

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040bd3.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 70 OF 78



BR 31 DORSET MM 1.400 = STA. 73+92.00

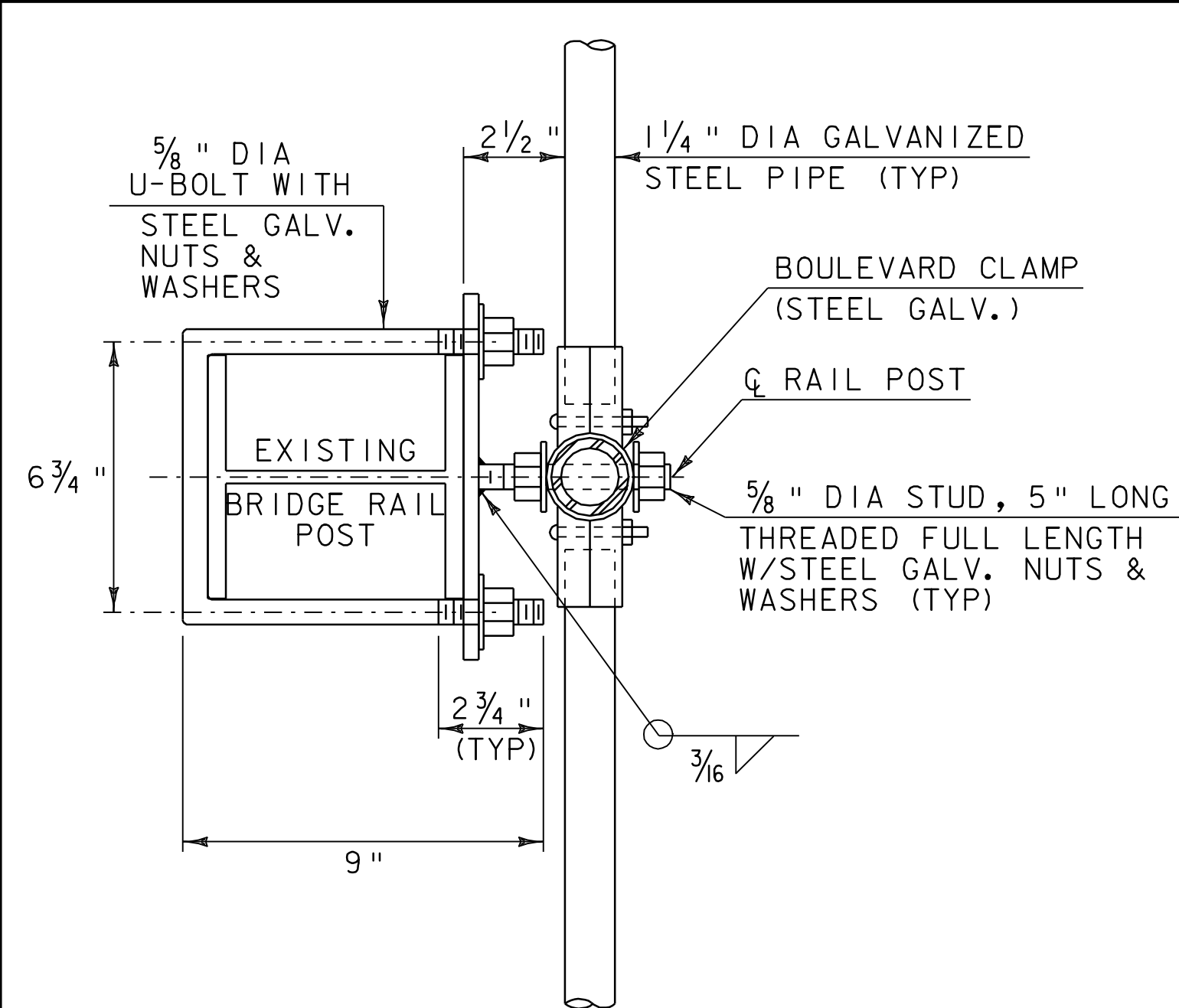
NOT TO SCALE

**BRIDGE
DETAIL
SHEET #4**

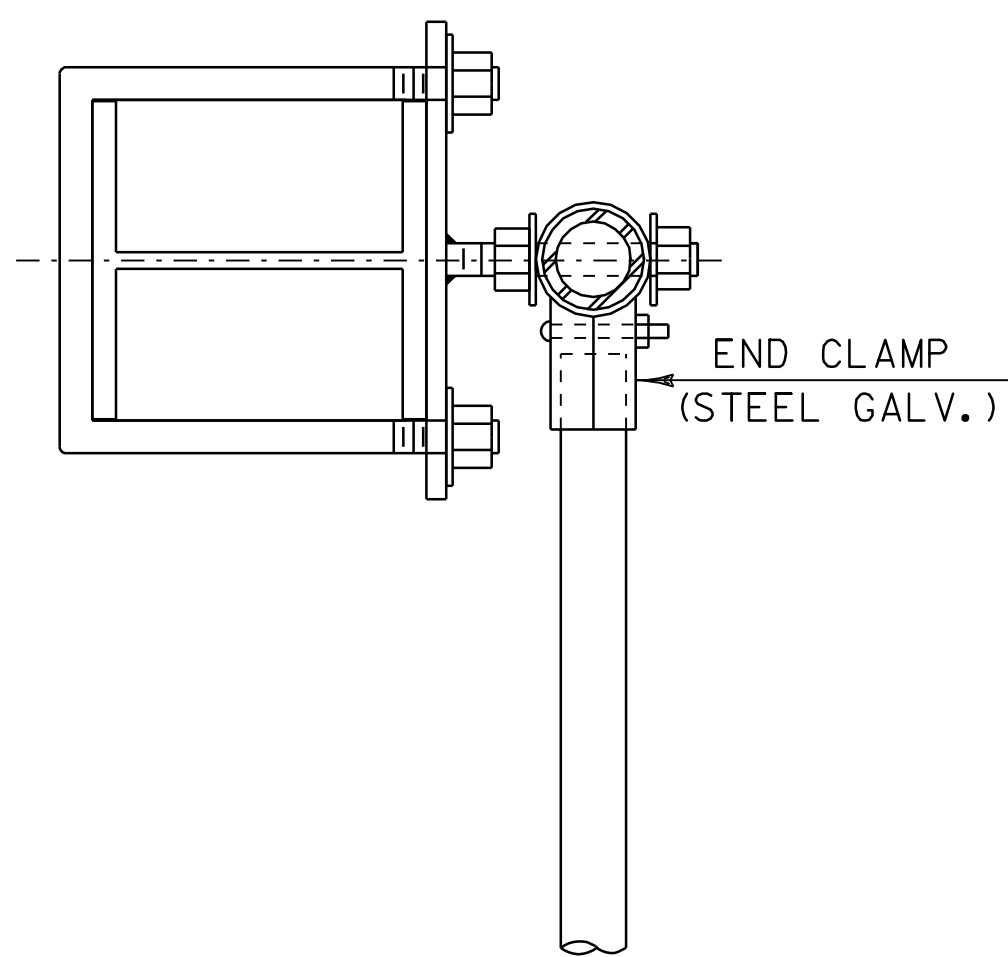
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040bd4.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 71 OF 78



SECTION A-A



PLAN VIEW AT END POST

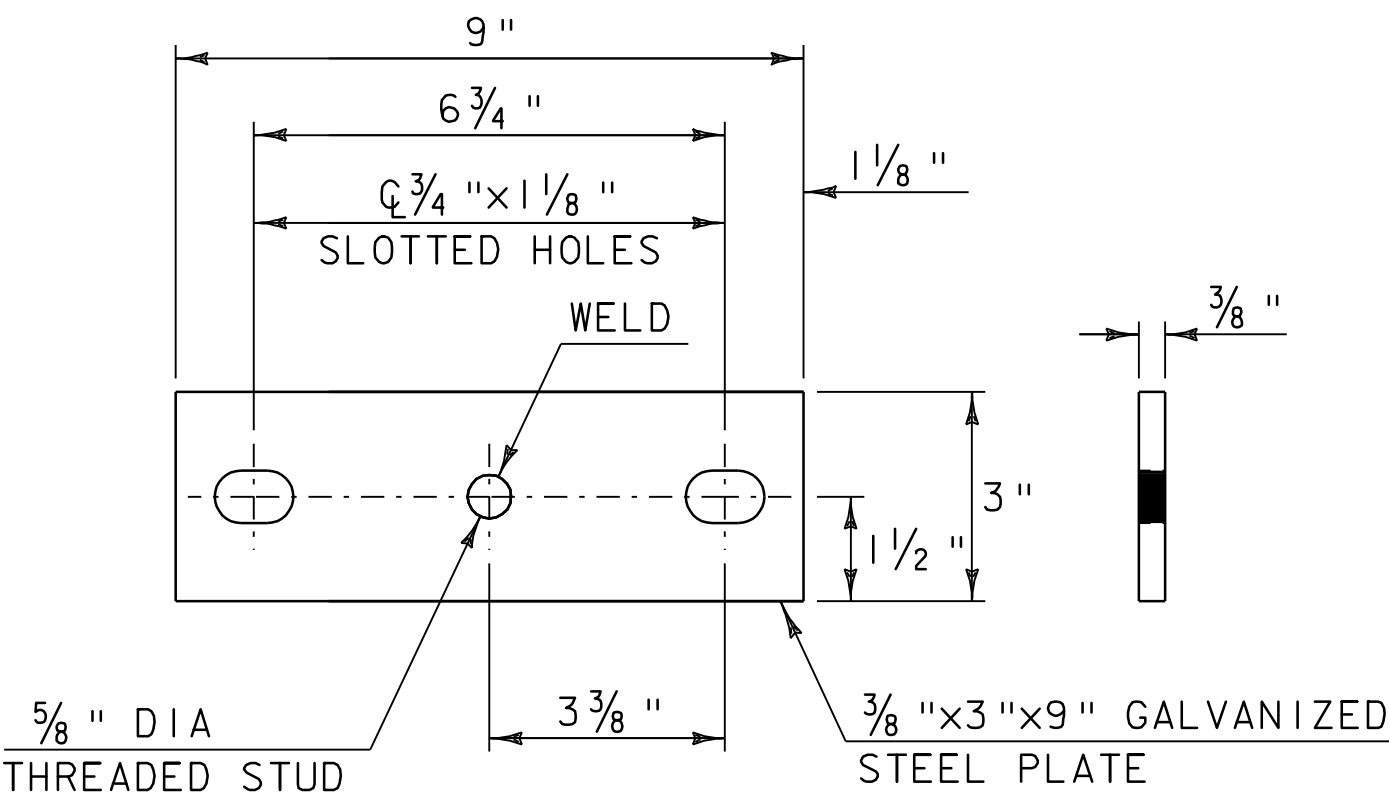
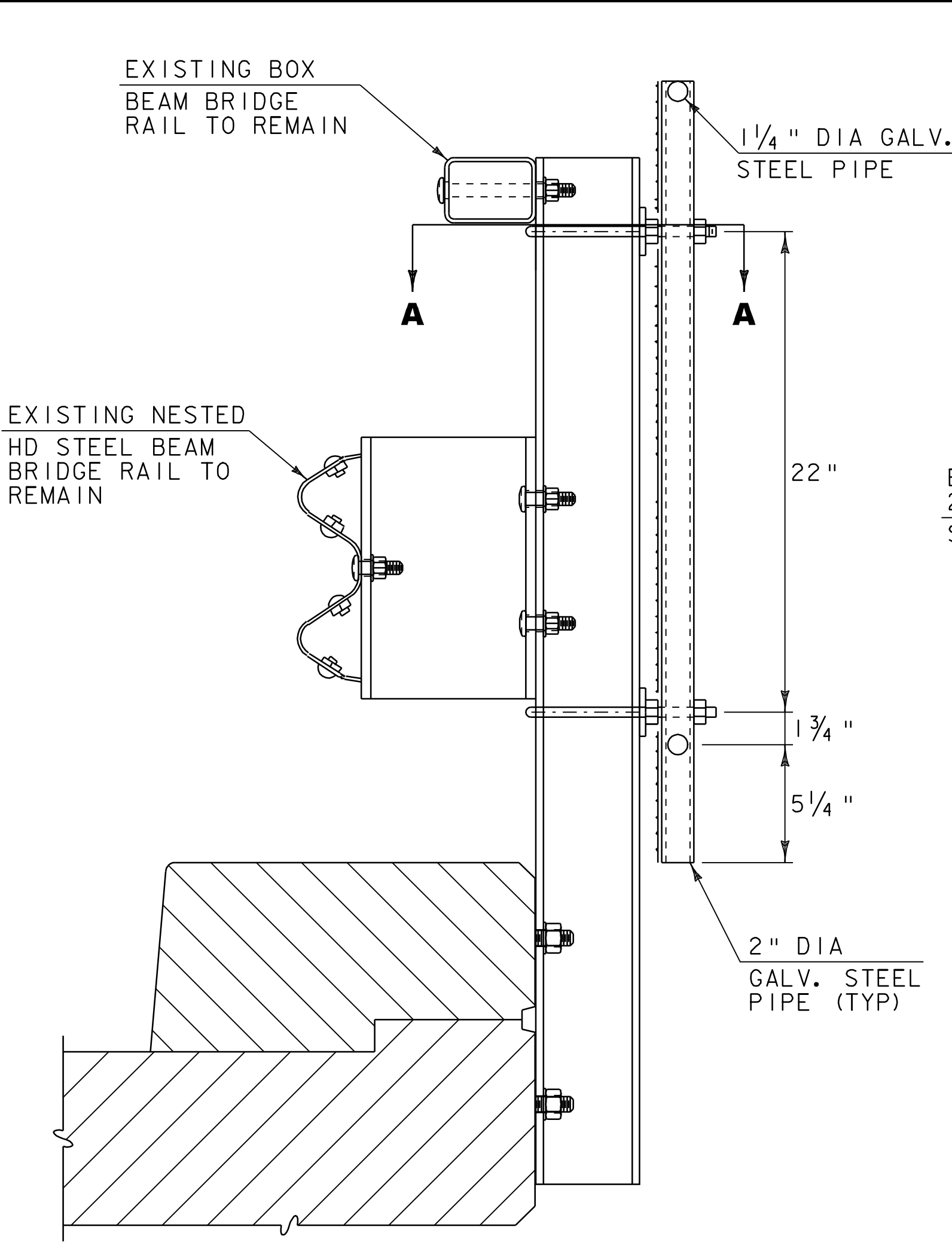
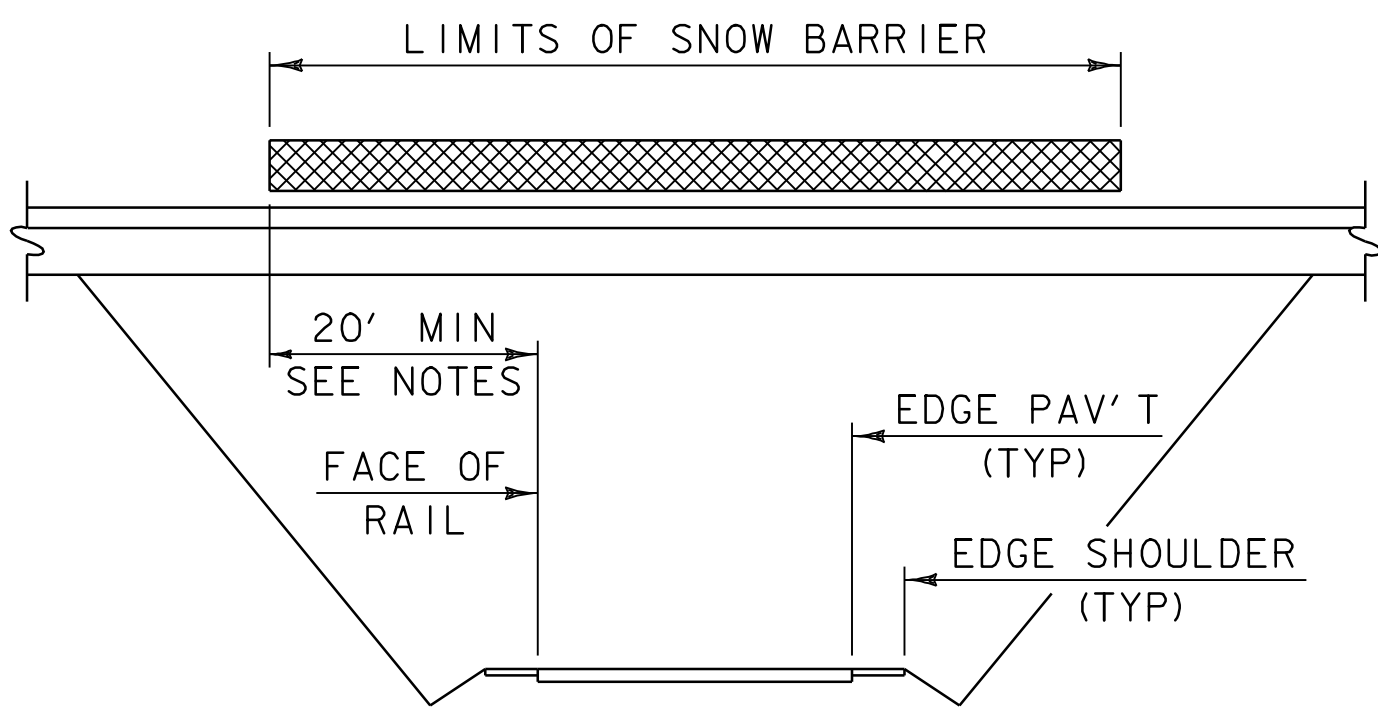


PLATE DETAILS

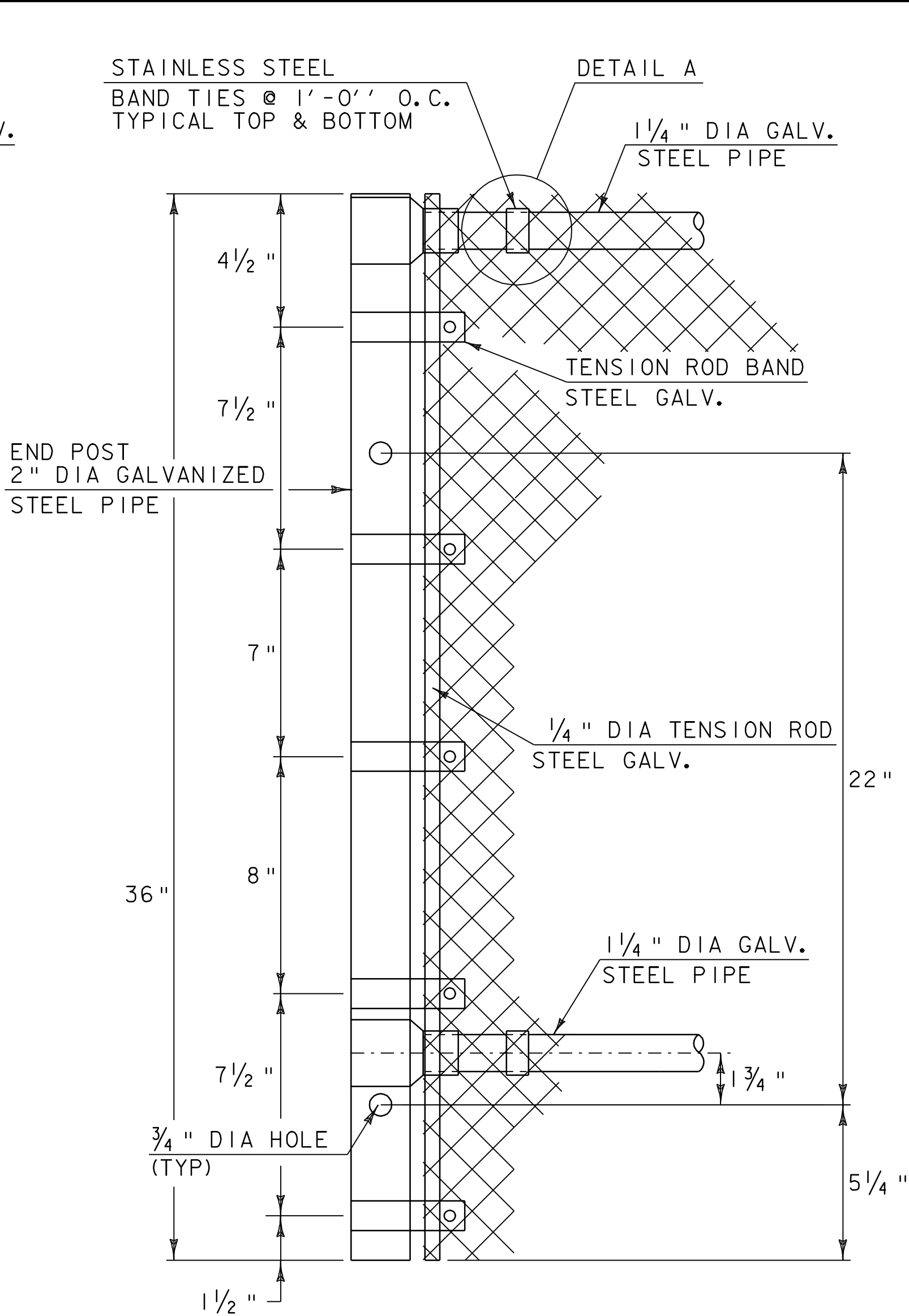


TYPICAL SECTION

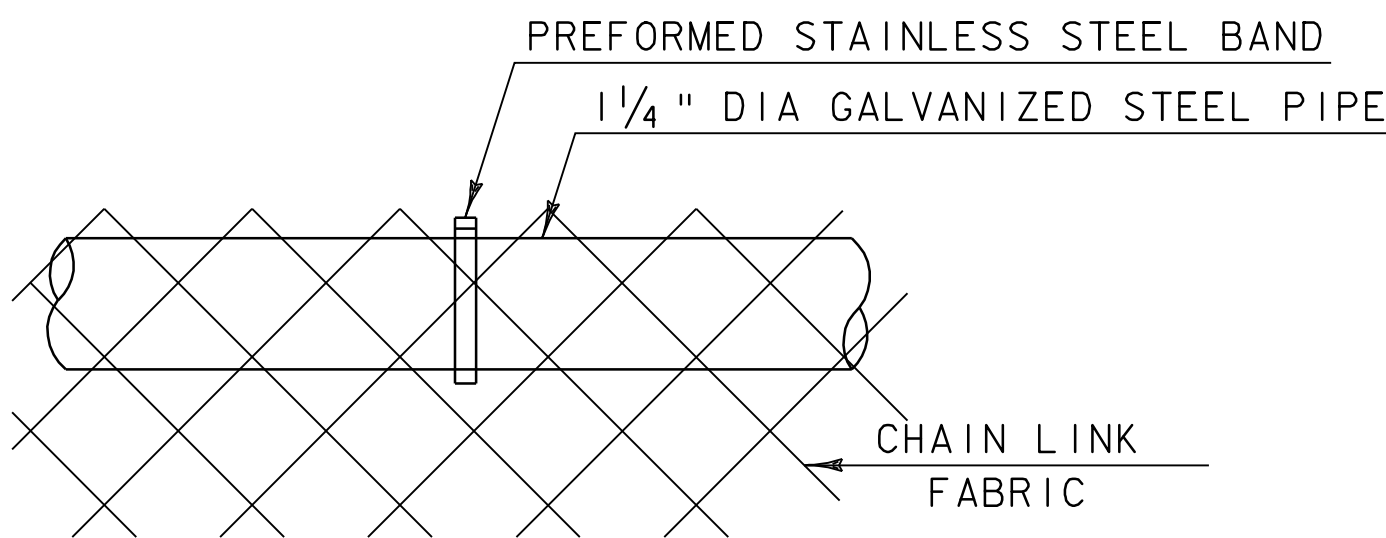


SCHEMATIC SNOW BARRIER LIMITS

BR29 MANCHESTER MM 6.894 = STA 364+00.32



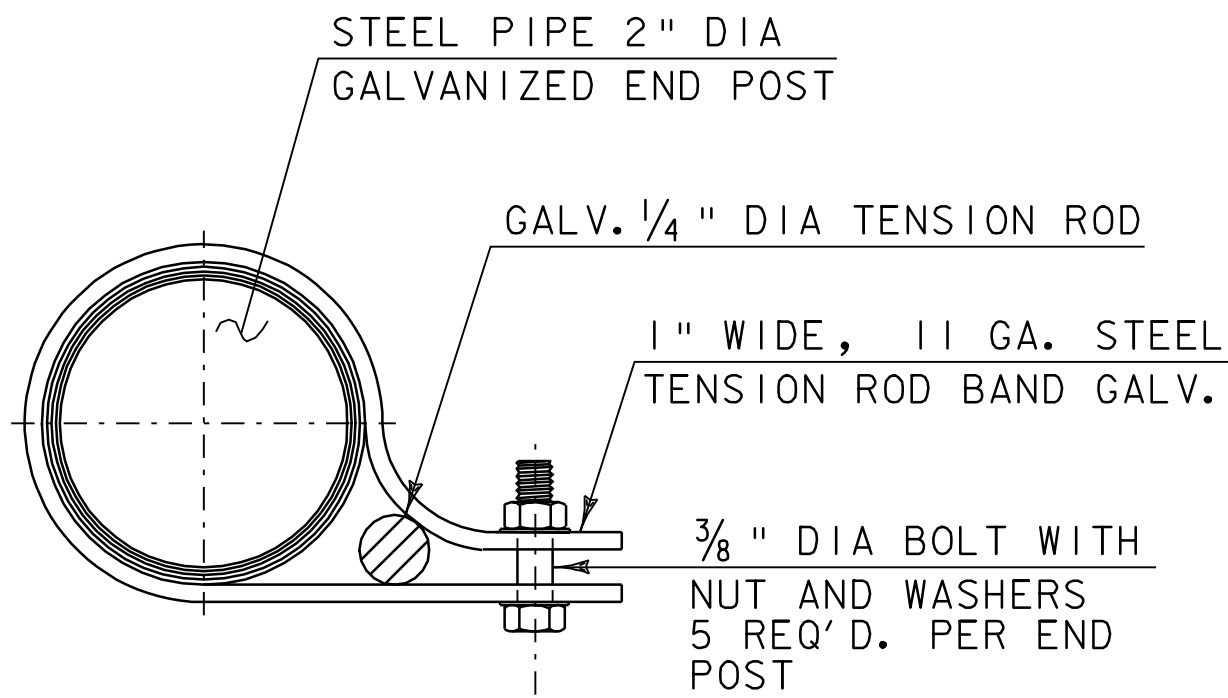
END POST DETAILS



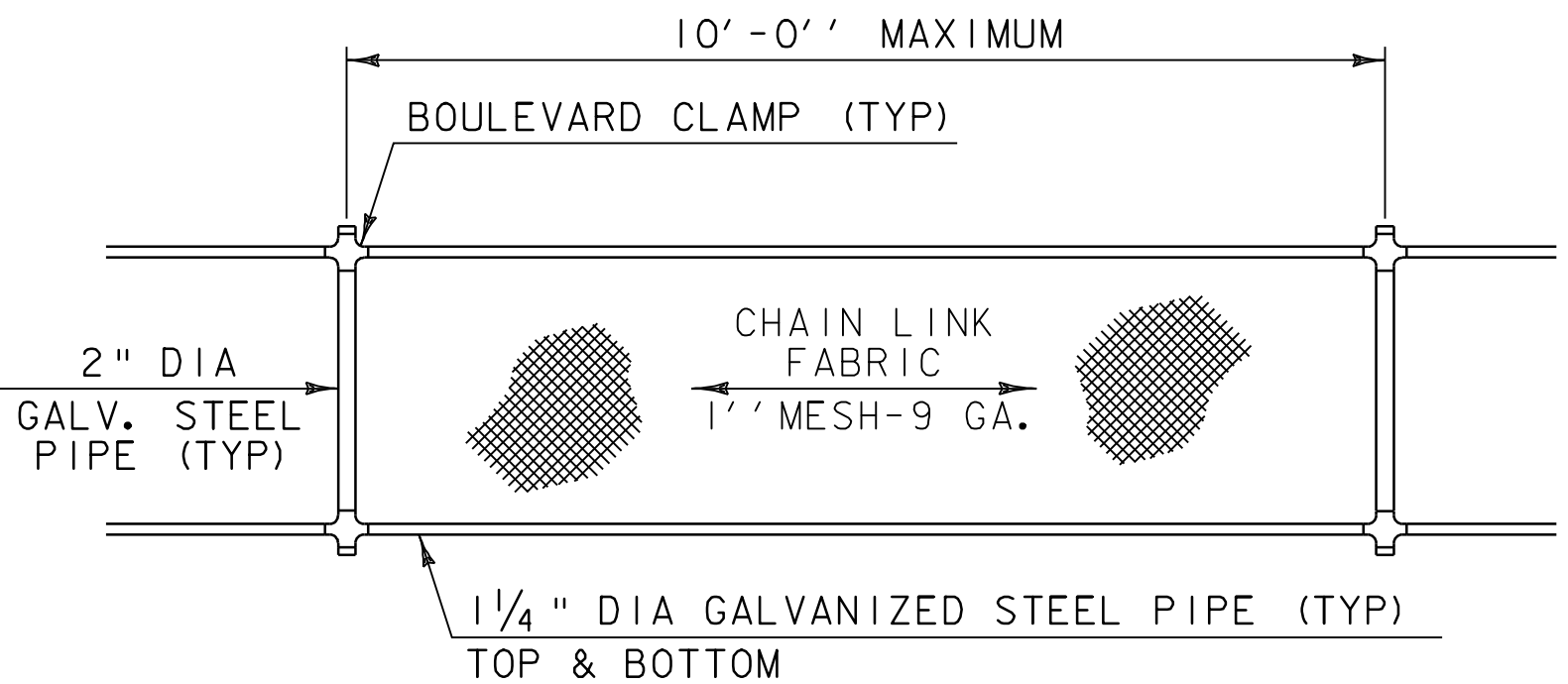
DETAIL A

NOTES

1. THREADS OF STUDS AND U-BOLTS TO BE 5/8-11 UNC.
2. ALL CONNECTION PLATES TO BE GALVANIZED AFTER FABRICATION.
3. 1 1/4" PIPE LENGTH SHALL BE FIELD CUT TO FIT POST SPACING.
4. CHAIN LINK FABRIC TO BE KNUCKLED TOP AND BOTTOM.
5. ALL BOLTS, NUTS AND WASHERS SHALL CONFORM TO THE SPECIFICATIONS FOR ASTM A307.
6. ALL STEEL PLATES SHALL CONFORM TO THE SPECIFICATION FOR AASHTO M270 GRADE 36.
7. ALL GALVANIZING SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-181 WITH HARDWARE AND FITTINGS CONFORMING TO THE REQUIREMENTS OF AASHTO M-111 OR AASHTO M-232 WHICHEVER IS APPLICABLE. ALL BOLTS, NUTS AND WASHERS SHALL BE EITHER HOT-DIP GALVANIZED IN ACCORDANCE WITH THE ABOVE AASHTO REQUIREMENTS OR MECHANICALLY GALVANIZED USING A MECHANICALLY DEPOSITED PROCESS CONFORMING TO THE REQUIREMENTS OF AASHTO M-298, CLASS 110.
8. GALVANIZED CHAIN-LINK FABRIC SHALL BE TYPE 1 (ZINC) CLASS D AS SPECIFIED IN AASHTO M-181.
9. SNOW BARRIER SHALL BEGIN AND END AT THE BRIDGE RAIL POST WHICH WILL PROVIDE A MINIMUM DISTANCE OF 20' (AS SHOWN) OR AS DIRECTED BY THE RESIDENT ENGINEER.
10. ALL REFERENCES TO THE DIAMETERS OF GALVANIZED STEEL PIPE SHALL REFER TO THE OUTSIDE DIAMETER (O.D.).



TENSION ROD BAND



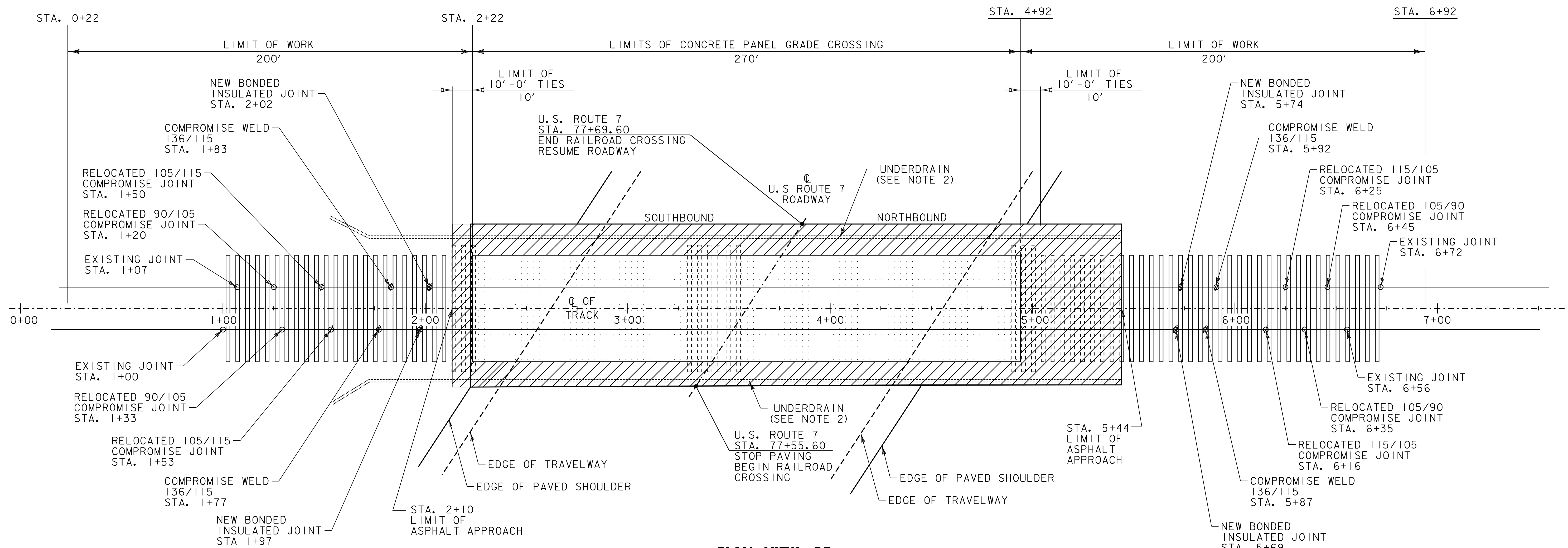
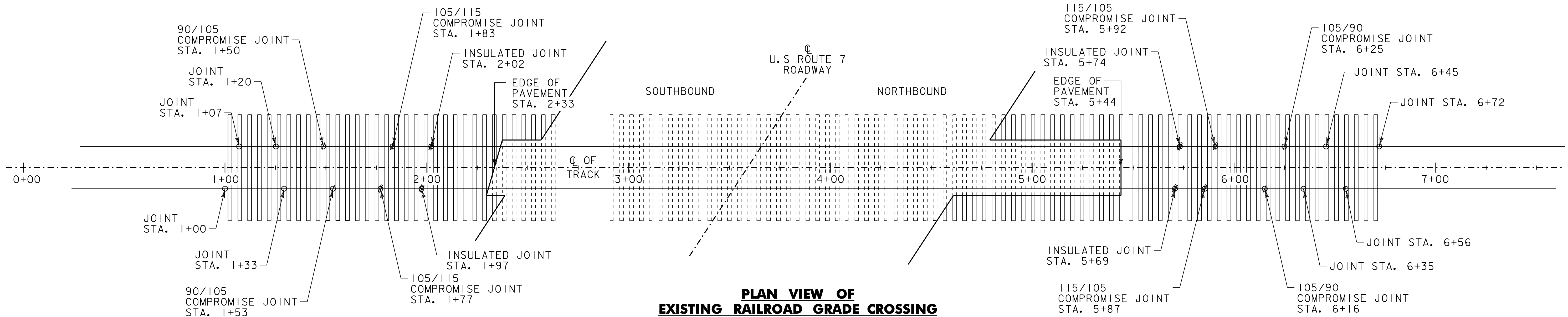
ELEVATION SNOW BARRIER

NOT TO SCALE

SNOW BARRIER
DETAIL
SHEET

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040bd6.i
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 73 OF 78



- NOTES:
- SEE SHEETS 75 & 76 FOR CONCRETE RAILROAD CROSSING DETAILS
 - THE CONTRACTOR SHALL INSTALL UNDERDRAIN AS SHOWN IN THE PLANS AND GRADE TO DRAIN INTO THE EXISTING DITCHES LOCATED ALONG THE RAILROAD AS DIRECTED BY THE RESIDENT ENGINEER.

CONCRETE GRADE CROSSING

ASPHALT APPROACH

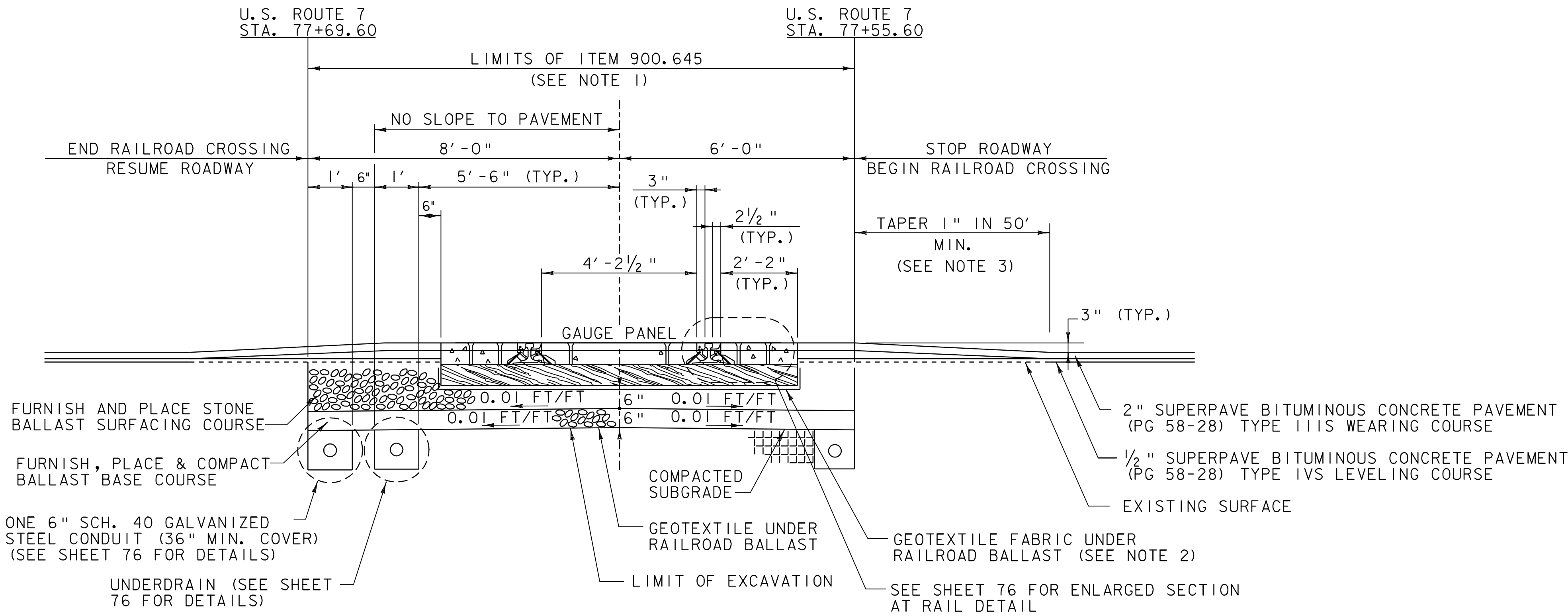
NOT TO SCALE

**RAILROAD
GRADE
CROSSING
PLAN**

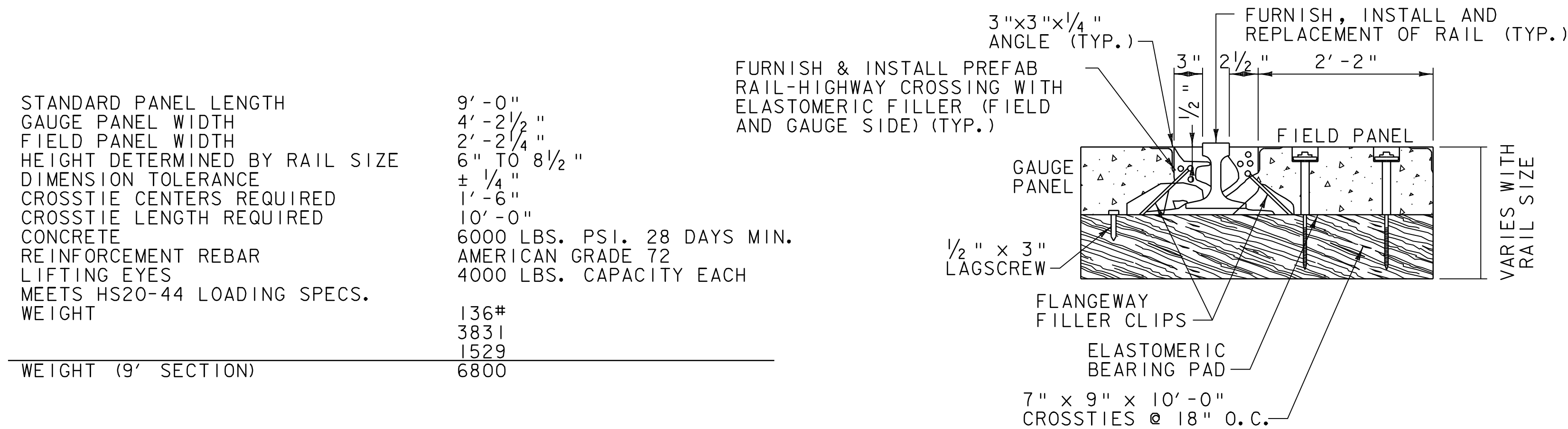
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040rrl.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 74 OF 78



TYPICAL SECTION – CONCRETE GRADE CROSSING



ENLARGED SECTION AT RAIL

GENERAL NOTES:

- ITEM 900.645 SHALL INCLUDE ALL ITEMS AND MATERIALS SHOWN IN THE ABOVE DETAILS TO CONSTRUCT THE PROPOSED CONCRETE GRADE CROSSING UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL INSTALL A GEOTEXTILE UNDER THE RAILROAD BALLAST PER SECTION 649 OF THE 2006 VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL TRANSITION THE PROPOSED ROADWAY TO THE PROPOSED ELEVATION OF THE CONCRETE GRADE CROSSING BY PAVING THE 1" IN 50' TAPER BY PLACING 2 LIFTS OF SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28) TYPE IIIS AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL INSTALL A 6" UNDERDRAIN ALONG BOTH SIDES OF THE PROPOSED CONCRETE RAILROAD GRADE CROSSING PER SECTION 605 OF THE 2006 VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND GRADE TO DRAIN TO THE EXISTING DITCHES AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL INSTALL ONE 6" GALVANIZED STEEL CONDUIT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- CROSS TIE SPACING UNDER CWR AREA SHALL BE 18" ON CENTER OR AS REQUIRED IN CROSSING PANEL AREA PER MANUFACTURER'S SPECIFICATIONS.
- NEW 7"x9"x10'-0" AND 7"x9"x8'-6" CROSS TIES SHALL BE INSTALLED IN THE CROSSING AREA AS SHOWN ON THE PLANS. CROSS TIES LOCATED WITHIN THE APPROACH AREAS SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE RESIDENT ENGINEER.
- TIE PLATES SHALL BE NEW 14 INCH PLATES MANUFACTURED FOR THE TYPE OF RAIL USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND RESIDENT ENGINEER. RAIL FASTNERS SHALL BE EITHER CUT TRACK SPIKES OR PANDROL TYPE CLIPS AND LOCK SPIKES. SPECIFIC RAIL FASTENING SHALL BE RECOMMENDED BY THE RAILROAD AND APPROVED OF BY THE RESIDENT ENGINEER.
- RAIL WEIGHTS SHALL BE DETERMINED BY THE RAILROAD AND APPROVED BY THE RESIDENT ENGINEER. THE MINIMUM RAIL WEIGHT SHALL BE 136 LB. RE.
- THE TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE RESIDENT ENGINEER. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS.
- INSULATED JOINTS WILL BE REQUIRED FOR TYPE "C" TRACK CIRCUITS. THE MAXIMUM STAGER BETWEEN RAIL JOINTS SHALL BE 10 FEET, THE MINIMUM SHALL BE 5 FEET.
- IF EXISTING TRACK IS CONTINUOUS WELDED RAIL, BONDED INSULATED JOINTS SHALL BE NEW AND WELDED AT BOTH ENDS IN ACCORDANCE WITH THE LATEST REVISION OF AREMA SPECIFICATIONS. ALL WELDS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES AS DIRECTED BY THE RESIDENT ENGINEER.

900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (U.S. 7 - AAR DOT #900-613N)		
LIST OF QUANTITIES		
DESCRIPTION	UNIT	QTY.
REMOVAL OF EXISTING TRACK AND GRADE CROSSING	TF	410
NEW TRACK (136 RE CWR W/9-FT TIES) 10 FT	TF	410 140
CONCRETE PANEL GRADE CROSSING SURFACE	TF	270
FACTORY BONDED INSULATED JOINTS (136 RE)	EA	4
APPROACH TIES	EA	50 70
APPROACH ASPHALT SURFACE	TON	100
REINSTALL JOINTED TRACK WITH COMPROMISE JOINTS	TF	150
UNCLASSIFIED EXCAVATION	CY	200
TRENCH EXCAVATION	CY	50
BALLAST BASE COURSE	TON	120
BALLAST SURFACE COURSE	TON	200
UNDERDRAIN	LF	800
CONDUIT 6" CSG PIPE	LF	350

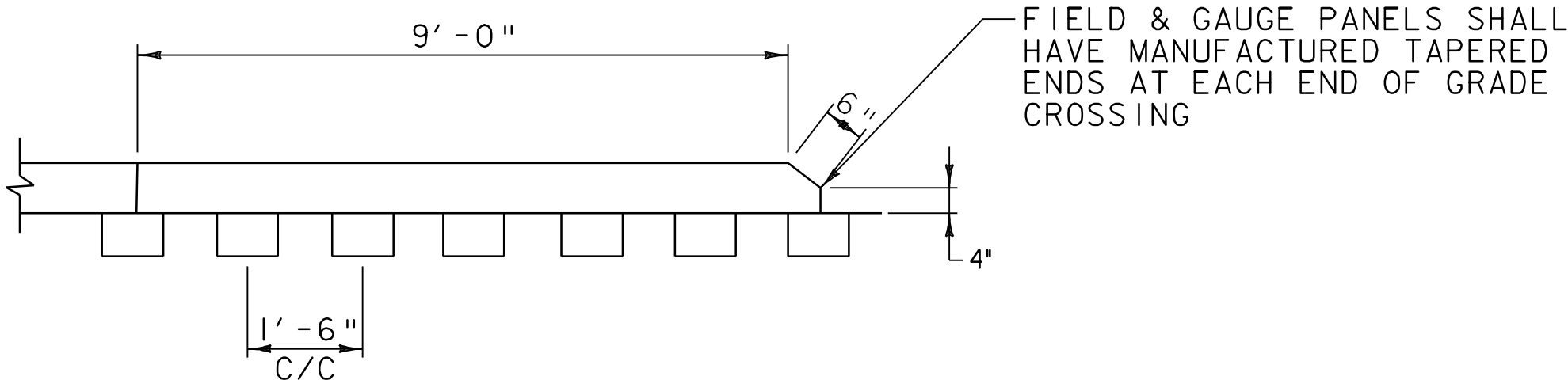
TF = TRACK FEET

NOT TO SCALE

**CONCRETE
GRADE
CROSSING
DETAILS #1**

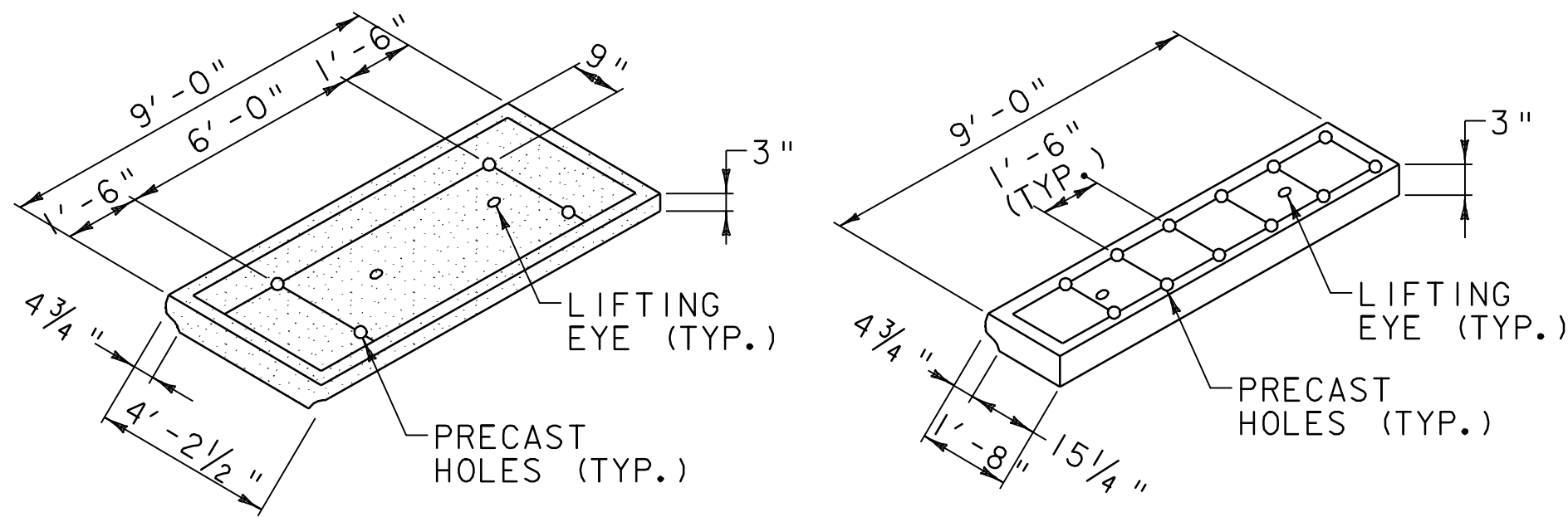
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(1)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040rr2.i
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 75 OF 78



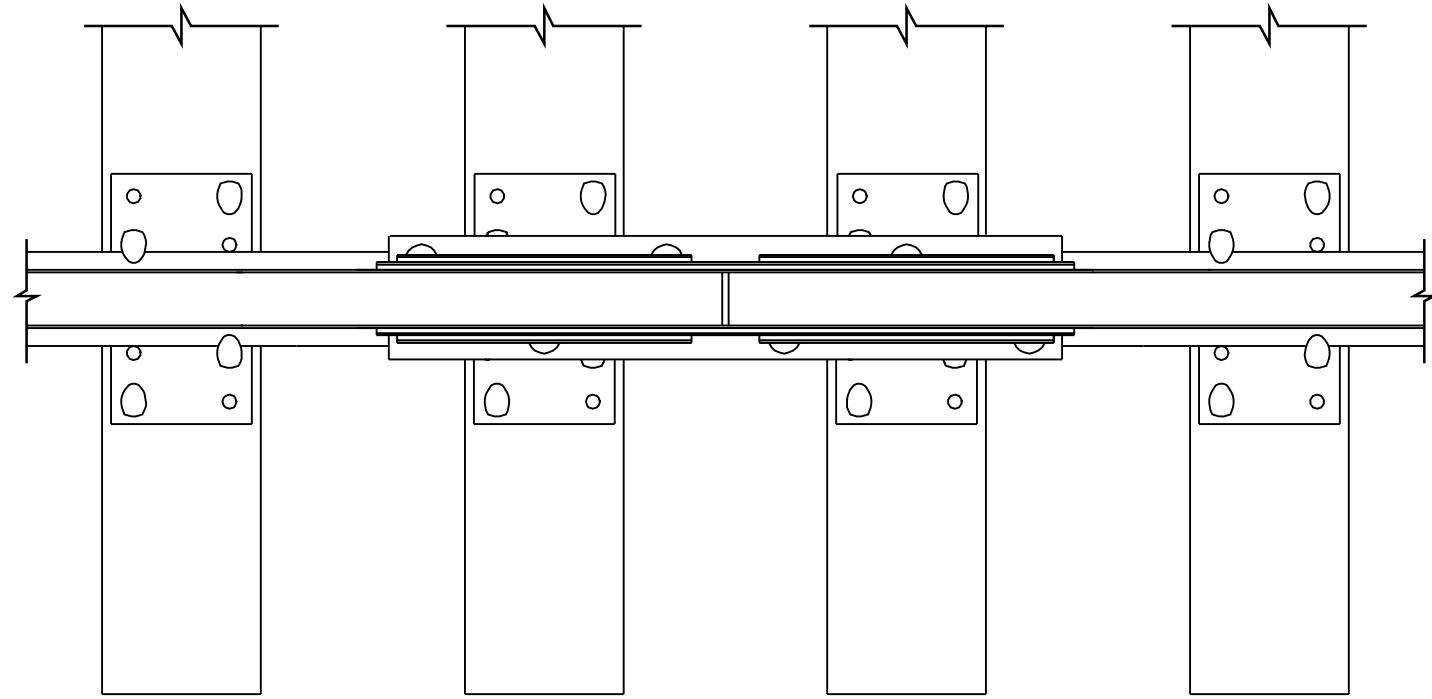
NOTE:
STANDARD TIE SPACING IN TANGENT TRACK
18" CENTER TO CENTER.

SECTION VIEW



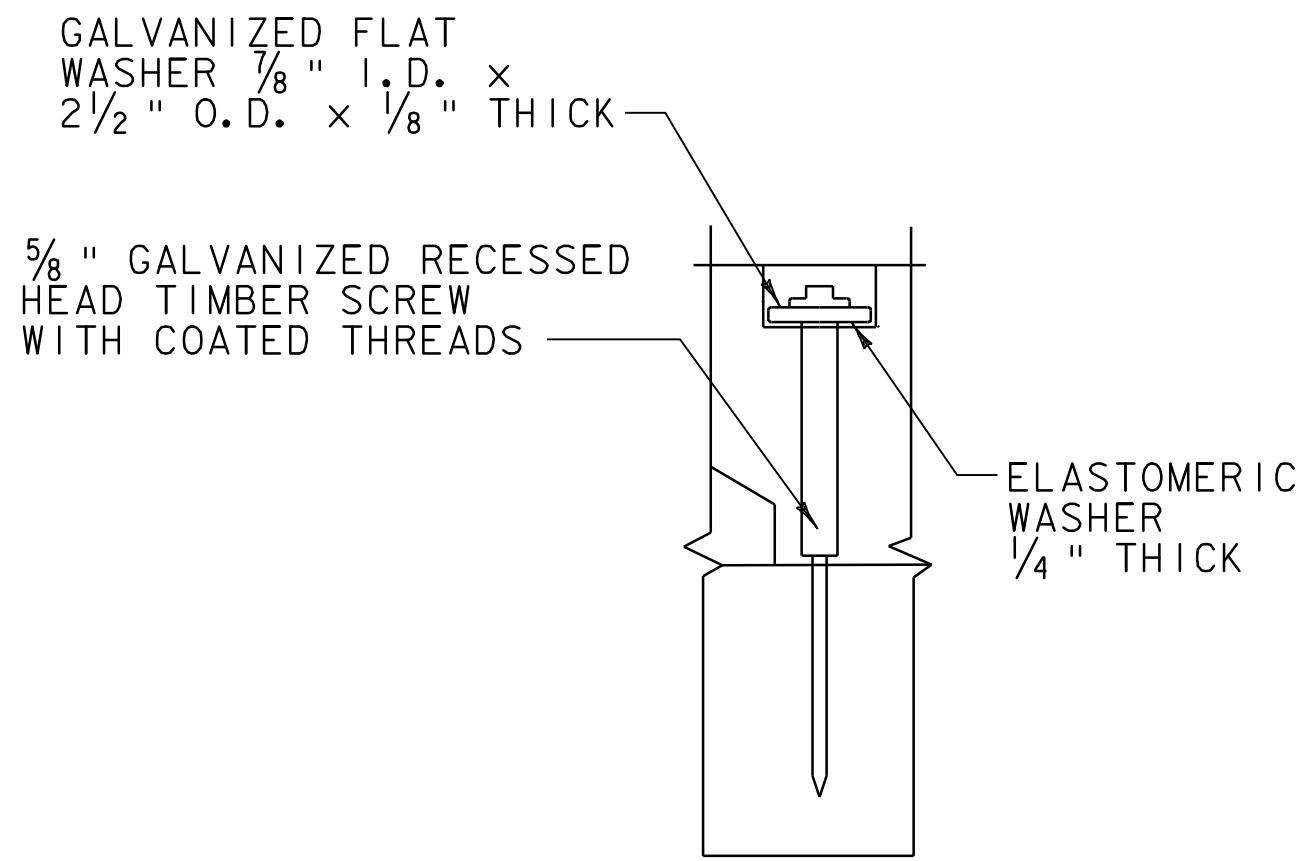
ISOMETRIC VIEWS

GAUGE AND FIELD PANEL DETAILS

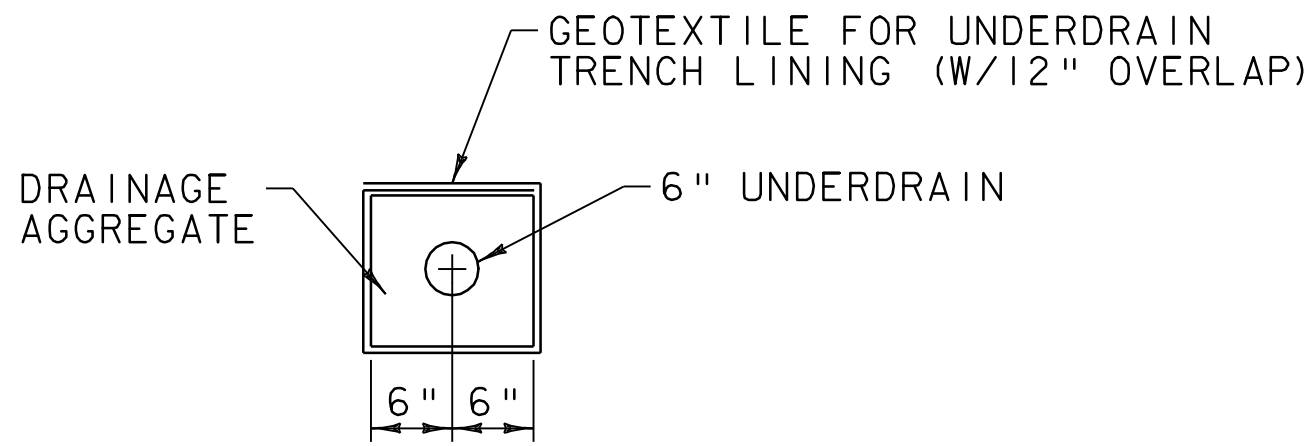


INSULATED JOINT DETAIL (SUSPENDED JOINT)

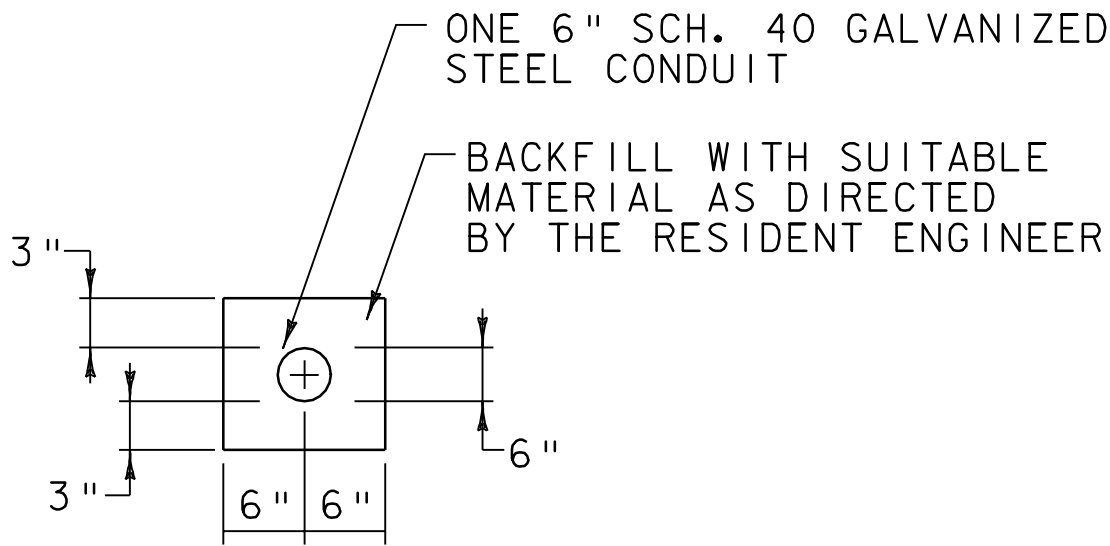
NOTE:
1. FURNISH AND INSTALL BONDED INSULATED
JOINT ASSEMBLY ITEM 900.645.



SCREW DETAIL



UNDERDRAIN WITH GEOTEXTILE
(SEE NOTE 4 ON SHEET 75)



SIGNAL CONDUIT

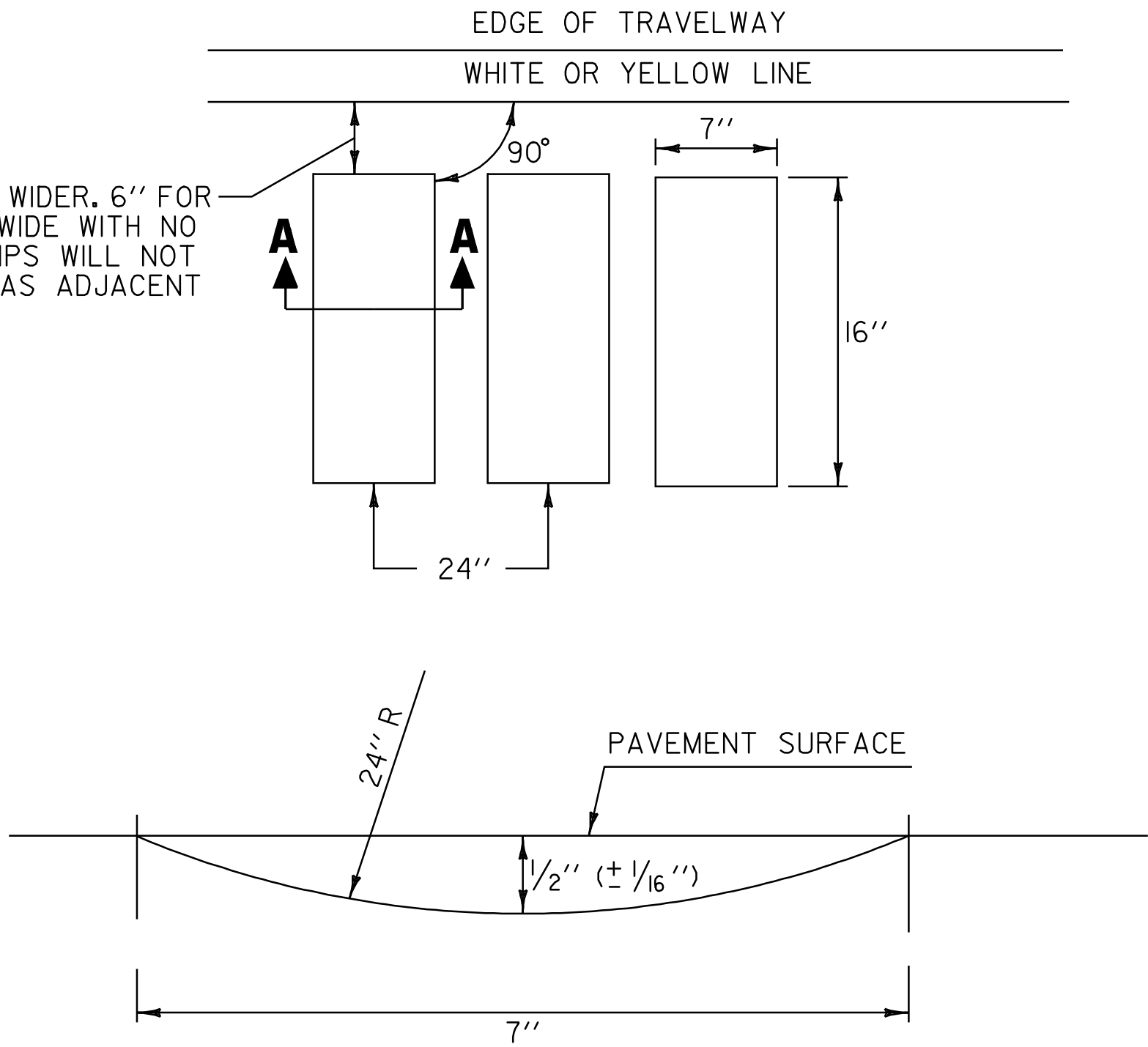
NOT TO SCALE

**CONCRETE
GRADE
CROSSING
DETAILS #2**

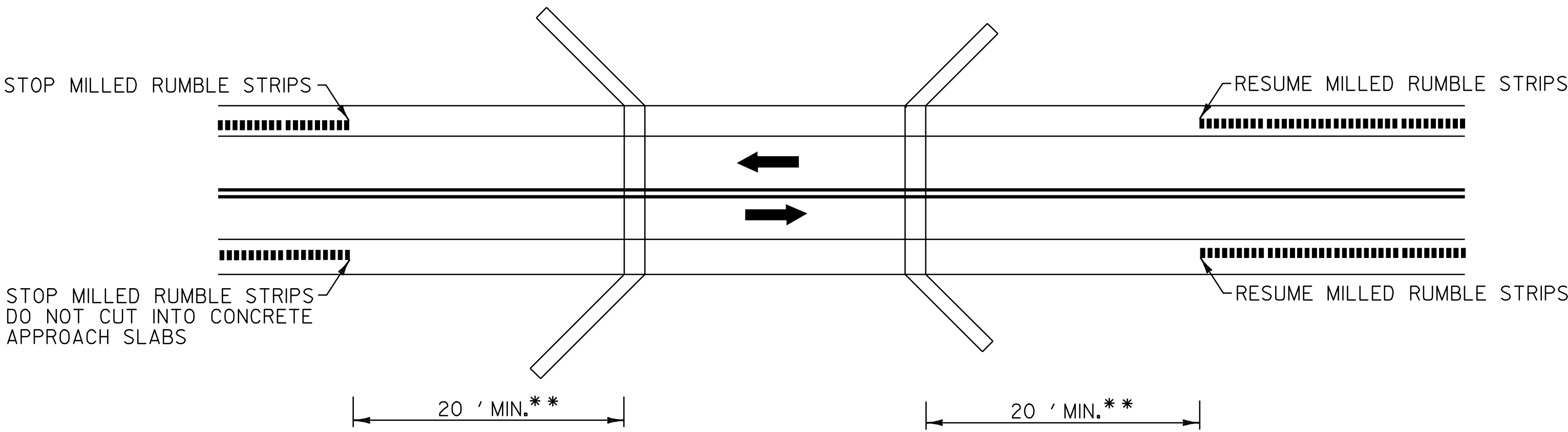
PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040rr3.i
PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 76 OF 78

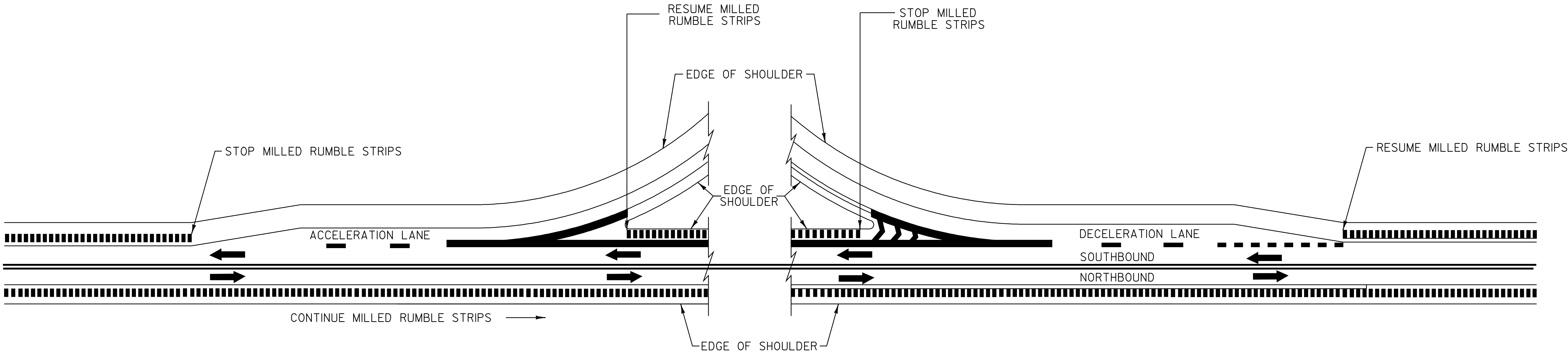
30" FOR ALL SHOULDERS 6' OR WIDER. 6" FOR ALL SHOULDERS LESS THAN 6' WIDE WITH NO GUARDRAIL. MILLED RUMBLE STRIPS WILL NOT BE REQUIRED IN GUARDRAIL AREAS ADJACENT TO THE 4' SHOULDER.



TYPICAL MILLING DETAIL



** BRIDGE RAIL WILL DETERMINE MINIMUM DISTANCE IN SOME CASES.



TYPICAL MILLED RUMBLE STRIPS AT
PARALLEL DECELERATION AND ACCELERATION LANES

LEGEND
← DIRECTION OF TRAFFIC FLOW
■■■■■■ MILLED RUMBLE STRIPS

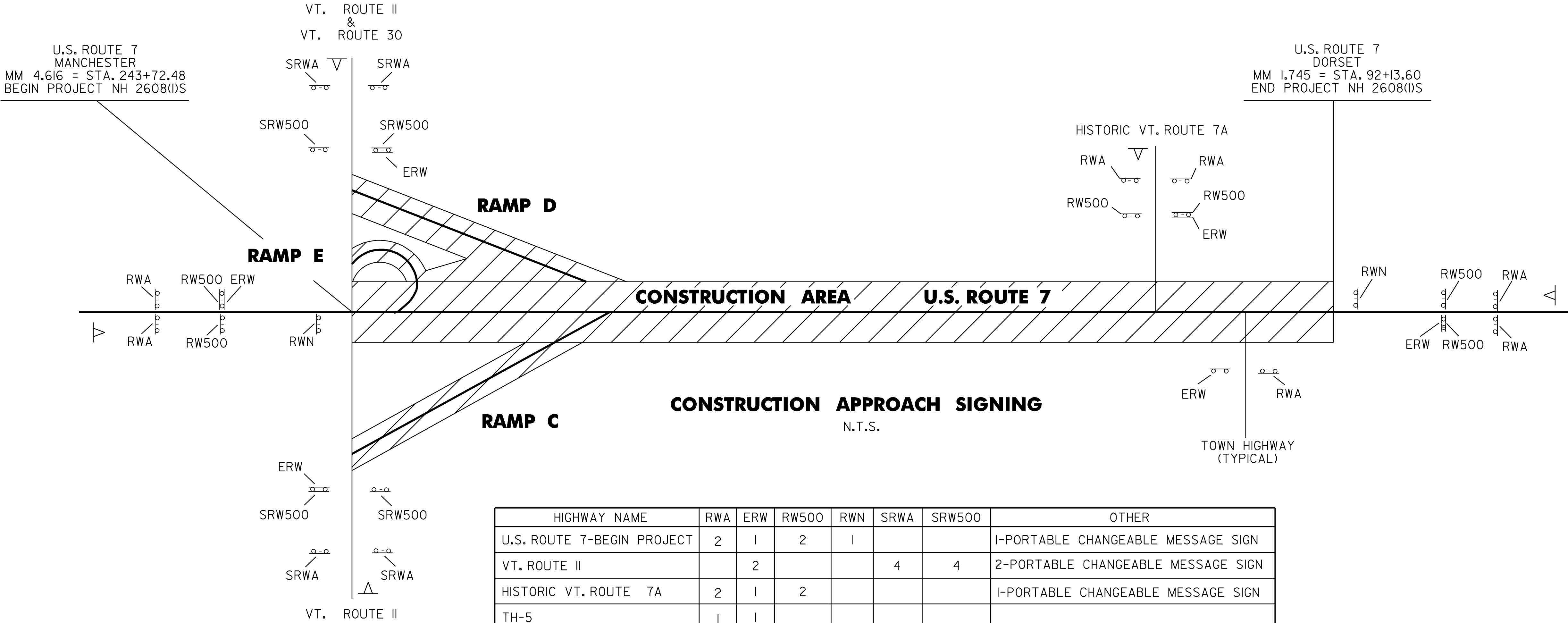
NOT TO SCALE

MILLED
RUMBLE
STRIP DETAIL
SHEET

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06b040rsd.i

PLOT DATE: 07-JUN-2010 11:00
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 77 OF 78



HIGHWAY NAME	RWA	ERW	RW500	RWN	SRWA	SRW500	OTHER
U.S. ROUTE 7-BEGIN PROJECT	2	1	2	1			1-PORTABLE CHANGEABLE MESSAGE SIGN
VT. ROUTE II		2			4	4	2-PORTABLE CHANGEABLE MESSAGE SIGN
HISTORIC VT. ROUTE 7A	2	1	2				1-PORTABLE CHANGEABLE MESSAGE SIGN
TH-5	1	1					
U.S. ROUTE 7-END PROJECT	2	1	2	1			1-PORTABLE CHANGEABLE MESSAGE SIGN
TOTAL	7	6	6	2	4	4	5-PORTABLE CHANGEABLE MESSAGE SIGN

SIGN LEGEND

RWA

= ROAD WORK AHEAD

RW500

= ROAD WORK 500 FEET

ERW

= END ROAD WORK

RWN

= ROAD WORK NEXT 5 MILES

SRWA

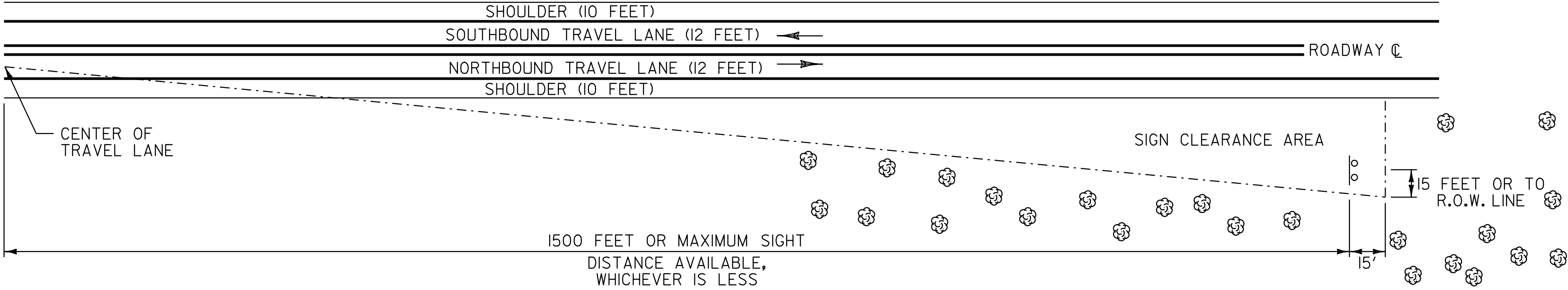
= SIDE ROAD WORK AHEAD

SRW500

= SIDE ROAD WORK 500 FEET

= PORTABLE CHANGEABLE MESSAGE SIGN

- NOTES:
- CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
 - DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
 - REFLECTIVE SHEETING SHALL BE TYPE VII OR BETTER.
 - CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED ON TWO POSTS EACH OR AS AN NCHRP 350 COMPLIANT SIGN/STAND SYSTEM.
 - PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.
 - PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PAID FOR UNDER ITEM 641J5. ALL OTHER CONSTRUCTION SIGNING SHALL BE PAID FOR UNDER ITEM 641I0.
 - INSTALLATION OF CONSTRUCTION ZONE SIGNING SHALL NOT BLOCK EXISTING SIGN ASSEMBLIES. A MINIMUM OF 200 FEET SHALL BE MAINTAINED BETWEEN ANY EXISTING SIGNS AND THE CONSTRUCTION SIGNS.

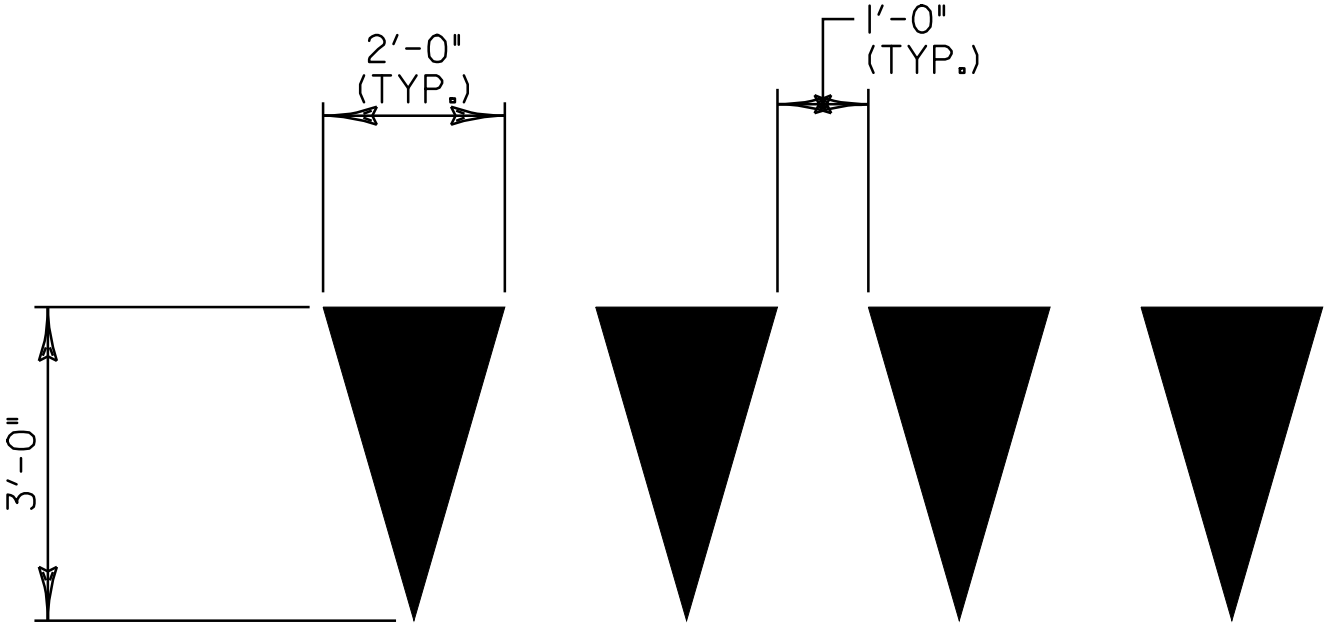


THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA DOWN TO GROUND LEVEL OR AT LEAST 10 FEET BELOW THE BOTTOM OF THE SIGN, WHICHEVER IS LESS. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31 AND PAID FOR PER EACH SIGN. NO CHEMICALS (POISONS OR DEFOLIANTS) WILL BE ALLOWED.

MANCHESTER: STA. 282+76.0, LT

THINNING AND TRIMMING DETAIL

N.T.S.



YIELD LINE DETAILS

N.T.S.

- NOTE:
- EACH TRIANGLE SHALL BE PAID AS ONE EACH UNDER ITEMS 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC AND 646.692 TEMPORARY LETTER OR SYMBOL, PAINT

MISCELLANEOUS
DETAILS
SHEET

PROJECT NAME: MANCHESTER - DORSET
PROJECT NUMBER: NH 2608(I)S

FILE NAME: p06b040.dgn	PLOT DATE: 07-JUN-2010 11:00
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
IPARM FILE: p06b040cas.i	SHEET 78 OF 78