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# STATE OF VERMONT AGENCY OF TRANSPORTATION

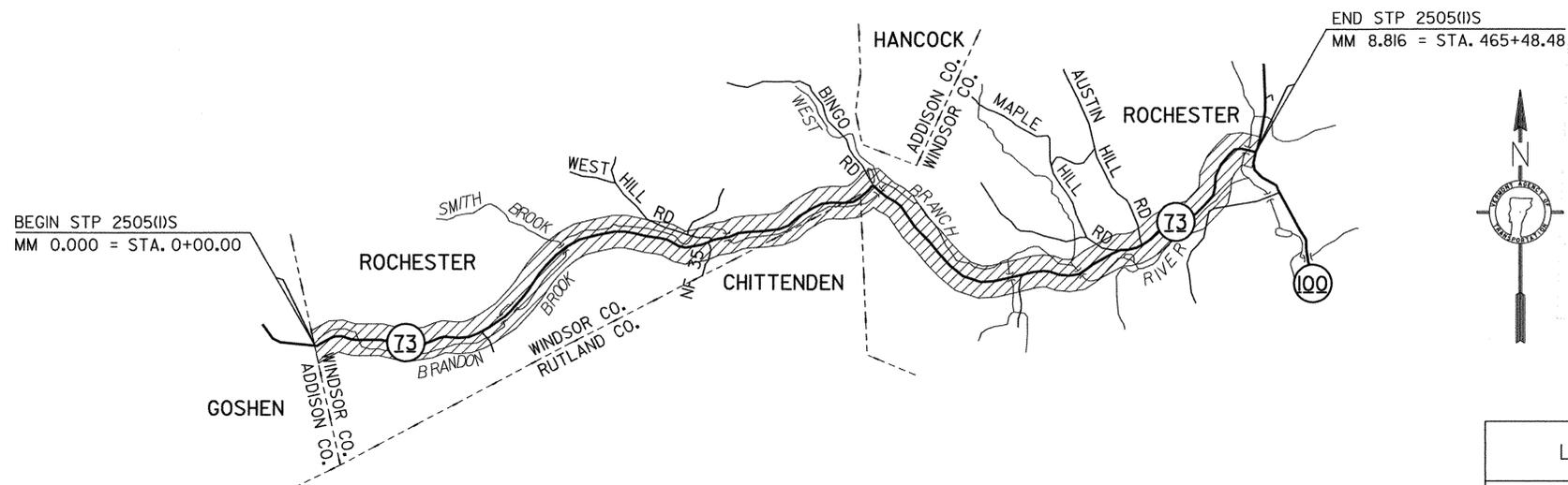
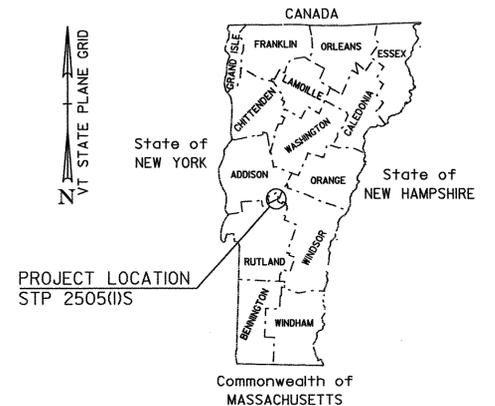


## PROPOSED IMPROVEMENT TOWNS OF ROCHESTER & CHITTENDEN COUNTIES OF WINDSOR & RUTLAND VT. ROUTE 73

BEGINNING IN THE TOWN OF ROCHESTER ON VT. ROUTE 73 AT MILE MARKER 0.000 = STA. 0+00.00 AND EXTENDING  
EASTERLY THROUGH THE TOWN OF CHITTENDEN FOR A DISTANCE OF 47,245.44 FEET (8.948 MILES) TO A POINT IN  
THE TOWN OF ROCHESTER AT MILE MARKER 8.816 = STA. 465+48.48

LENGTH OF ROADWAY 47,245.44 FT (8.948 MILES)  
LENGTH OF PROJECT 47,245.44 FT (8.948 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, NEW SIGNS AND INCIDENTAL ITEMS.



RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	ERIC FOSTER
CONSTRUCTION BEGAN:	MAY 14, 2007
CONSTRUCTION COMPLETE:	OCTOBER 11, 2007
RECORD PLANS BY:	ERIC FOSTER & J. GILMORE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	<i>Eric Foster</i> RESIDENT ENGINEER
DATE	3/21/08
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.	

### TRAFFIC DATA

LOCATION	ADT		DHV		ESALS	ESALS
	2007	2017	2007	2017	2007-2017	2007-2017
PROJECT BEGIN TO TH-31 MM 0.000 TO MM 7.29	650	740	110	130	147,000	336,000
TH-31 TO PROJECT END MM 7.29 TO MM 8.816	1400	1600	240	280	218,000	513,000

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



PLANS PREPARED BY

SURVEYED BY : NA  
SURVEYED DATE : NA

DATUM  
VERTICAL NA  
HORIZONTAL NA

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 _____
PROJECT MANAGER : WOOLLAVER	
PROJECT NAME : ROCHESTER-CHITTENDEN-ROCHESTER	
PROJECT NUMBER : STP 2505 (1) S	
SHEET 1 OF 56 SHEETS	

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## VAOT STANDARDS

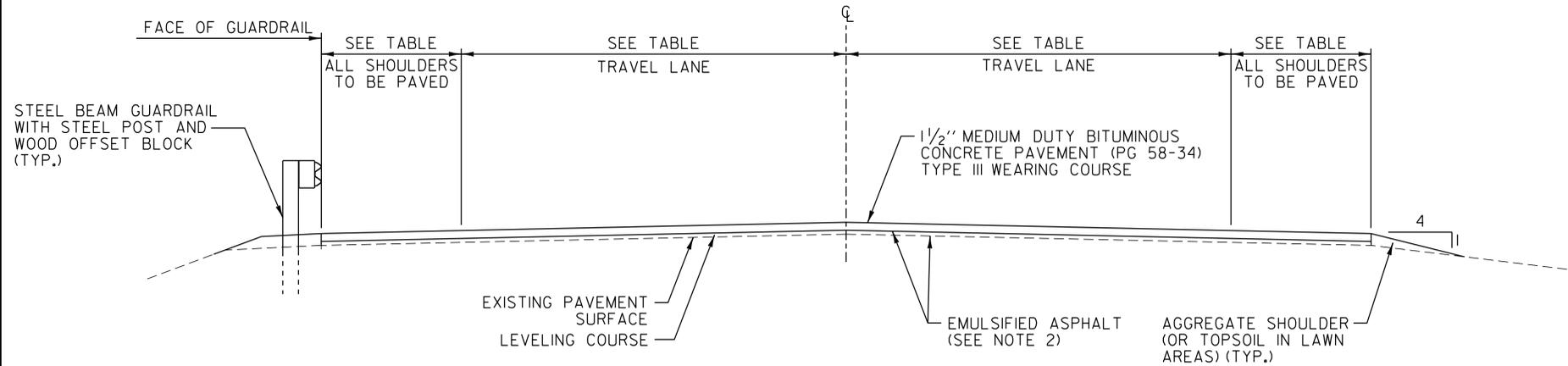
C-1	TREATED TIMBER CURB	01-03-00
D-6	REINFORCED CONCRETE DROP INLET W/GRATE (DITCHES)	06-01-94
D-9	REINFORCED CONCRETE DROP INLET TOPS	06-01-94
D-II	GRATES & COVERS (TYPE A)	06-01-94
D-15	CAST IRON GRATE WITH FRAME, TYPE D	06-01-94
E-100	CONSTRUCTION APPROACH SIGNS	01-02-04
E-101	CONSTRUCTION SIGN DETAILS	05-30-03
E-102	CONSTRUCTION SIGN DETAILS	06-30-03
E-102A	CONSTRUCTION SIGN DETAILS	05-01-04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03-01-04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-30-03
E-107A	BREAKAWAY BARRICADE DETAILS	08-08-95
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08-08-95
E-III	MINOR MAINTENANCE OPERATION	03-11-97
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08-08-95
E-138	MILE MARKER DETAILS - STATE & TOWN HIGHWAYS	05-30-03
E-141	REGULATORY SIGNS DETAILS	09-20-95
E-143	REGULATORY SIGNS DETAILS	06-15-04
E-150	WARNING SIGN DETAILS	05-01-04
E-160	FLANGED CHANNEL STEEL SIGN POST	05-20-99
E-164	SQUARE STEEL SIGN POST	05-20-99
E-191	PAVEMENT MARKING DETAILS	02-01-99
E-193	PAVEMENT MARKING DETAILS	08-18-95
E-198	DELINEATORS AND MILE POSTS	04-01-05
E-199	DELINEATOR AND MILEPOST MOUNTING ON BRIDGE RAIL	04-01-05
G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01-03-00
G-ID	ANCHOR FOR STEEL BEAM GUARDRAIL	01-03-00
G-19	GENERIC PLANS FOR GUARDRAIL END TERMINALS	11-15-02
SB-R6-82	BRIDGE RAILING HEAVY DUTY STEEL BEAM	01-06-95

### INDEX OF SHEETS

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER	
PROJECT NUMBER: SIP_2505(1)S	
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046is.i	SHEET 2_QF 56

**NOTES**

1. THE WEARING COURSE SHALL BE TYPE III MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. 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.
3. MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. 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 AGGREGATE MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
5. ALL 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 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
6. DITCHING MATERIAL OR 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 DITCHING MATERIAL OR EARTH BORROW FOR EACH GUARDRAIL TERMINAL.
7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
8. ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34) ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
9. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR RENTAL OR POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER.
10. 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.
11. ESTIMATED QUANTITIES OF ITEM 613.10 STONE FILL, TYPE I; ITEM 649.31 GEOTEXTILE UNDER STONE FILL; AND ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I HAVE BEEN INCLUDED TO PROVIDE FOR REPAIR OF EXISTING STONE LINED DRAINAGE OUTLETS LOCATED ALONG THE ROADWAY SIDE SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.
12. AN ADDITIONAL ESTIMATED QUANTITY OF TYPE IV LEVELING COURSE HAS BEEN INCLUDED IN THE PLANS TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER DUE TO THE SEVERE RUTTING IN THE EXISTING PAVEMENT SURFACE.
13. STEEL BEAM GUARD RAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.



**MAINLINE TYPICAL SECTION**

VT. ROUTE 73 ROCHESTER STA. 0+00.00 TO ROCHESTER STA. 251+85.60  
 VT. ROUTE 73 CHITTENDEN STA. 0+00.00 TO CHITTENDEN STA. 6+97.48  
 VT. ROUTE 73 ROCHESTER STA. 251+85.60 TO ROCHESTER STA. 465+48.48

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
<b>ROCHESTER:</b>						
VT. ROUTE 73	0+00.00	193+65.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	908	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	193+65.00	194+18.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/4"	-	BR 14, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	194+18.00	251+85.60	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	541	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
<b>CHITTENDEN:</b>						
VT. ROUTE 73	0+00.00	6+97.48	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	65	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
<b>ROCHESTER:</b>						
VT. ROUTE 73	251+85.60	259+90.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	74	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	259+90.00	260+40.00	6" - 10'-0" - 10'-0" - 6"	1 1/4"	-	BR 15, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	260+40.00	336+05.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	660	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	336+05.00	336+38.00	6" - 10'-0" - 10'-0" - 6"	1 1/4"	-	BR 16, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	336+38.00	363+00.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	233	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	363+00.00	368+04.00	6'-0" - 12'-0" - 12'-0" - 6'-0"	1 1/2"	56	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	368+04.00	369+06.00	5'-0" - 12'-0" - 12'-0" - 5'-0"	1 1/4"	-	BR 17, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	369+06.00	375+50.00	6'-0" - 12'-0" - 12'-0" - 6'-0"	1 1/2"	72	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	375+50.00	464+51.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	780	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	464+51.00	465+26.00	1'-9" - 11'-0" - 11'-0" - 1'-9"	1 1/4"	-	BR 19, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	465+26.00	465+48.48	1'-9" - 11'-0" - 11'-0" - 1'-9"	1 1/2"	-	COLD PLANE 1/2" & PAVE WITH 1/2" TYPE III

**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 TREFLOIL	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).

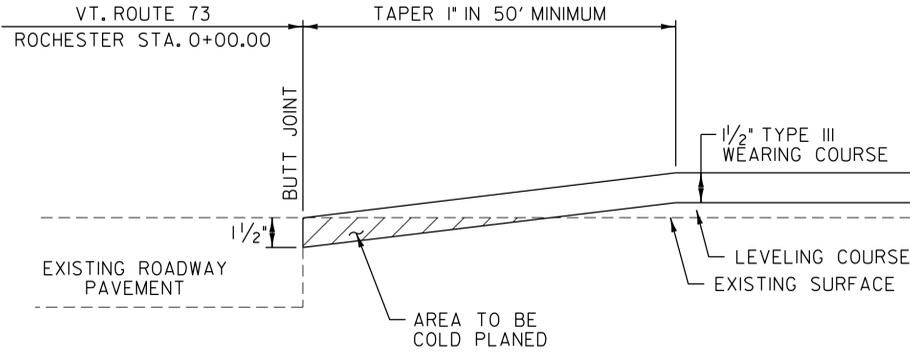
AGRICULTURAL LIMESTONE:  
 TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

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.

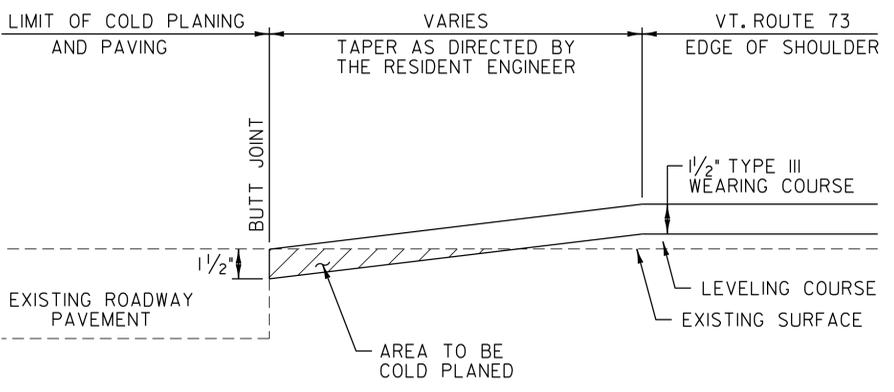
<b>PROJECT TYPICAL SHEET</b>	PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER
	PROJECT NUMBER: SIP_2505(1)S
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046+ts.i	SHEET 3 OF 56

NOT TO SCALE



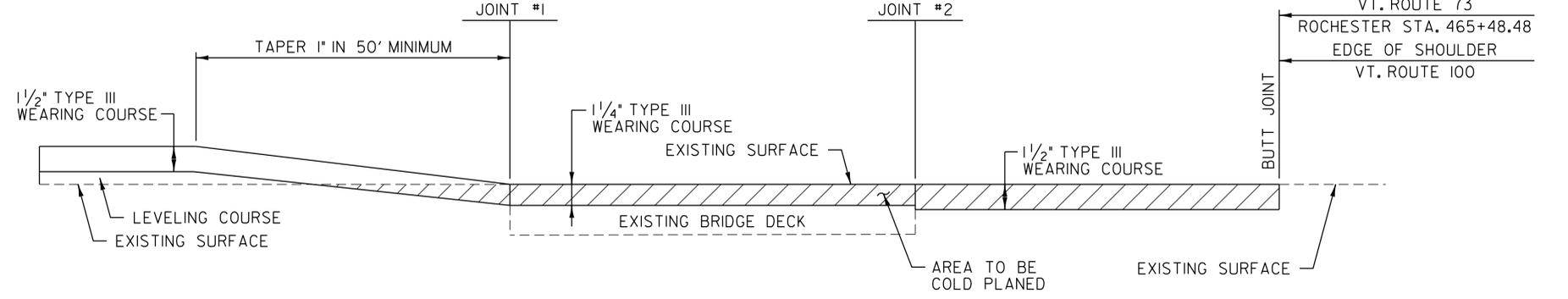
**APPROACH AREA DETAIL**

VT. ROUTE 73 ROCHESTER STA. 0+00.00 - BEGIN PROJECT



**APPROACH AREA DETAIL**

- ROCHESTER:
- TH-37 STA. 190+44.96
  - TH-22 STA. 259+35.36
  - TH-40 STA. 340+82.40
  - TH-31 STA. 386+17.92
  - TH-33 STA. 397+00.32



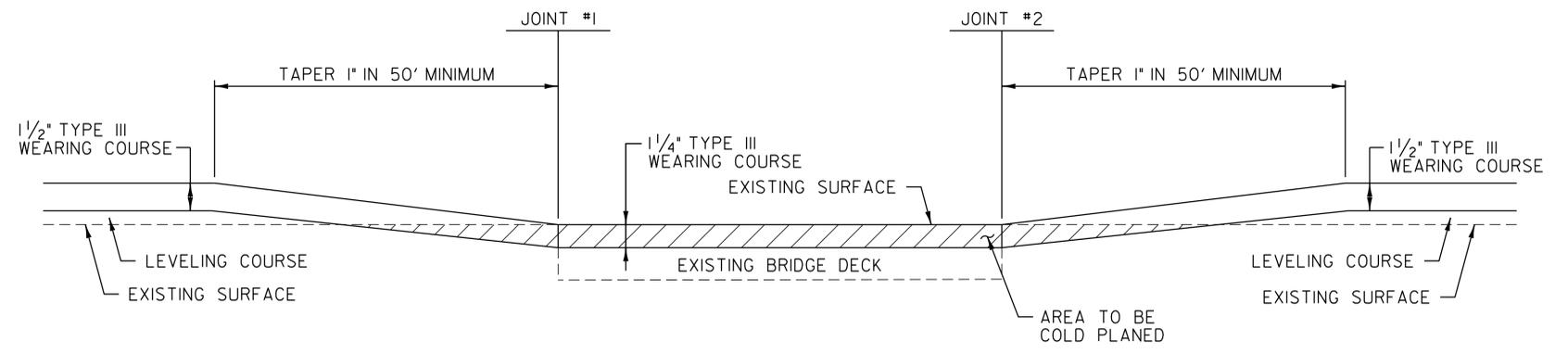
**BRIDGE 19 TRANSITION AREA DETAIL**

BR 19 VT. ROUTE 73 ROCHESTER STA. 464+51.00 TO STA. 465+26.00

NOTE:  
THE CONTRACTOR MUST USE CARE WHEN COLD PLANING BR 19 AS NOT TO DAMAGE THE BRIDGE MEMBRANE. IF DAMAGE TO THIS MEMBRANE SHOULD OCCUR DURING COLD PLANING, THE CONTRACTOR SHALL REPAIR THE BRIDGE MEMBRANE AT NO COST TO THE STATE.

**APPROACH AREA DETAIL**

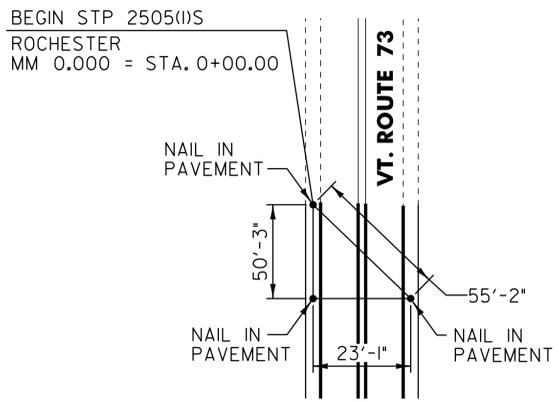
VT. ROUTE 73 ROCHESTER STA. 465+48.48 - END PROJECT



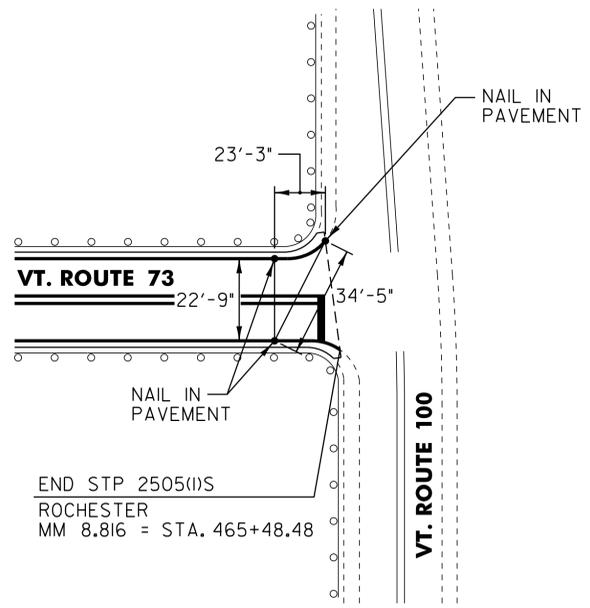
**BRIDGE TRANSITION AREA DETAIL**

- BR 14 VT. ROUTE 73 ROCHESTER STA. 193+65.00 TO STA. 194+18.00
- BR 15 VT. ROUTE 73 ROCHESTER STA. 259+93.00 TO STA. 260+37.00
- BR 16 VT. ROUTE 73 ROCHESTER STA. 336+05.00 TO STA. 336+38.00
- BR 17 VT. ROUTE 73 ROCHESTER STA. 368+04.00 TO STA. 369+06.00

NOTE:  
THE CONTRACTOR MUST USE CARE WHEN COLD PLANING BR 17 AS NOT TO DAMAGE THE BRIDGE MEMBRANE. IF DAMAGE TO THIS MEMBRANE SHOULD OCCUR DURING COLD PLANING, THE CONTRACTOR SHALL REPAIR THE BRIDGE MEMBRANE AT NO COST TO THE STATE.



**BEGIN PROJECT LOCATION TIES**



**END PROJECT LOCATION TIES**

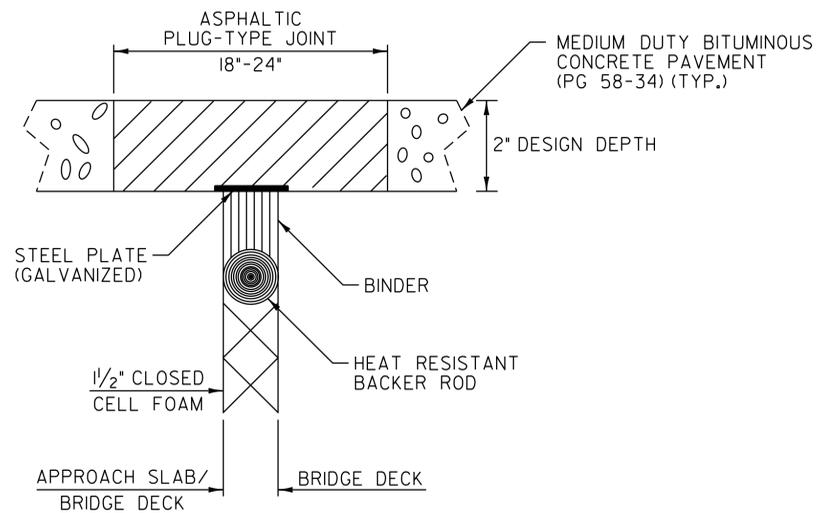
NOT TO SCALE

**PAVING DETAILS AND TIE SHEET**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(I)S

FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046pdsl.i

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 4 OF 56



**ASPHALTIC PLUG-TYPE JOINT DETAIL**

BR 17 VT. ROUTE 73 ROCHESTER STA. 368+04.00(34'-6")  
 BR 17 VT. ROUTE 73 ROCHESTER STA. 369+06.00(34'-6")  
 BR 19 VT. ROUTE 73 ROCHESTER STA. 464+51.00 (25'-6")  
 BR 19 VT. ROUTE 73 ROCHESTER STA. 465+26.00(25'-6")

**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.
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.
  - 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.
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.

NOT TO SCALE

**BRIDGE JOINT  
DETAIL  
SHEET**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER	
PROJECT NUMBER: SIP_2505(1)S	
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046pds2.i	SHEET 5 OF 56







# ITEM DETAIL SUMMARY SHEET #1

LOCATION			GUARDRAIL (WEATHERING)					GUARDRAIL (GALVANIZED)					MISCELLANEOUS					REMARKS		
BEGIN STATION	END STATION	POS.	900.640 STEEL BEAM GUARDRAIL, WEATHERING LF	900.640 STEEL BEAM GR W/ 8 FT POSTS, WEATHERING LF	900.640 HD STEEL BEAM GR, WEATHERING LF	900.640 WEATHERING HD S.B. GR W/CURB MTD POSTS LF	900.620 MTS, FLARED/ WEATHERING EA	900.620 MTS, TANGENT/ WEATHERING EA	621.20 STEEL BEAM GUARDRAIL, GALVANIZED LF	621.21 HD STEEL BEAM GR, GALVANIZED LF	621.50 MANUF. TERM. SECT., FLARED EA	621.70 GUARDRAIL APPR. SECT., GALV. TYPE I EA	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	203.30 EARTH BORROW CY	402.12 & 402.13 AGGREGATE SHOULDER MATERIAL TON	604.412 REHAB. DI'S, CB'S OR MH'S CLASS I EA	616.35 TREATED TIMBER CURB LF		621.60 ANCHOR FOR S.B. RAIL EA	
ROCHESTER:																				
0+00.0	465+48.48	LT/RT													2586					BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY THE RESIDENT ENGINEER.
3+32.0		RT																		
9+56.0		RT																		
11+87.5	15+50.0	LT	287.5				2						266.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 11+87.5 TO STA. 12+25.0 & STA. 15+12.5 TO STA. 15+50.0.
18+25.0	21+62.5	RT	262.5				2						285.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 18+25.0 TO STA. 18+62.5 & STA. 21+25.0 TO STA. 21+62.5.
30+05.0	41+67.5	RT	1087.5				2						116.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 30+05.0 TO STA. 30+42.5 & STA. 41+30.0 TO STA. 41+67.5.
49+75.0		LT																		
49+85.0	55+22.5	RT		462.5			2						521.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 49+85.0 TO STA. 50+22.5 & STA. 54+85.0 TO STA. 55+22.5.
58+95.0		LT																		
61+00.0	71+12.5	RT		937.5			2						471.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 61+00.0 TO STA. 61+37.5 & STA. 70+75.0 TO STA. 71+12.5.
81+68.5	83+56.0	RT	112.5				2						113.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 81+68.5 TO STA. 82+06.0 & STA. 83+18.5 TO STA. 83+56.0.
82+97.5	86+22.5	LT	250.0				2						155.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 82+97.5 TO STA. 83+35.0 & STA. 85+85.0 TO STA. 86+22.5.
88+12.5	91+37.5	RT	250.0				2						189.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 88+12.5 TO STA. 88+50.0 & STA. 91+00.0 TO STA. 91+37.5.
88+59.5	90+22.0	LT	87.5				2						116.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 88+59.5 TO STA. 88+97.0 & STA. 89+84.5 TO STA. 90+22.0.
94+60.0	98+97.5	RT		362.5			2						251.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 94+60.0 TO STA. 94+97.5 & STA. 98+60.0 TO STA. 98+97.5.
106+96.5	121+09.0	RT	1337.5				2						1091.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 106+96.5 TO STA. 107+34.0 & STA. 120+71.5 TO STA. 121+09.0. SEE SHEET 55 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL.
120+07.5	126+32.5	LT		550.0			2						528.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 120+07.5 TO STA. 120+45.0 & STA. 125+95.0 TO STA. 126+32.5.
128+67.5	138+92.5	LT		950.0			2						596.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 128+67.5 TO STA. 129+05.0 & STA. 138+55.0 TO STA. 138+92.5.
133+60.0		RT																		
148+07.5	169+20.0	LT	2037.5				2						2010.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 148+07.5 TO STA. 148+45.0 & STA. 168+82.5 TO STA. 169+20.0.
158+80.0		RT																		
164+88.0		RT																		
167+30.0		RT																		
174+00.0	176+12.5	RT	125.0				1	1					61.0	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, TANGENT FROM STA. 174+00.0 TO STA. 174+50.0. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 175+75.0 TO STA. 176+12.5.
174+12.5	188+75.0	LT		1387.5			2						1206.0	50	25.6		630.0			INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 174+12.5 TO STA. 174+50.0 & STA. 188+37.5 TO STA. 188+75.0. INSTALL TREATED TIMBER CURB FROM STA. 175+60.0 TO STA. 181+90.0.
181+80.0		LT																		
182+21.0		RT																		
191+71.5	193+77.8	RT	137.5		41.3		1						84.8	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 191+71.5 TO STA. 192+09.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 193+77.8. SEE SHEET 49 FOR BR 14 DETAILS.
192+48.5	193+61.0	LT	50.0		32.5		1						14.0	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 192+48.5 TO STA. 192+86.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 193+61.0. SEE SHEET 49 FOR BR 14 DETAILS.
194+04.8	194+73.5	LT			41.3		1							25	5					CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 194+04.8. SEE SHEET 49 FOR BR 14 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 194+36.0 TO STA. 194+73.5.
194+21.5	194+83.0	RT	12.5		32.5		1						21.5	25	5					CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 194+21.5. SEE SHEET 49 FOR BR 14 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 194+46.5 TO STA. 194+83.0.
SHEET SUBTOTALS:			6037.5	4650.0	147.6		35	1					9095.3	875	2776.6	10	630.0			

**ITEM  
DETAIL  
SUMMARY  
SHEET #1**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(1)S  
FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046ids1.i  
PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 9 OF 56

# ITEM DETAIL SUMMARY SHEET #2

LOCATION			GUARDRAIL (WEATHERING)					GUARDRAIL (GALVANIZED)					MISCELLANEOUS					REMARKS		
BEGIN STATION	END STATION	POS.	900.640 STEEL BEAM GUARDRAIL, WEATHERING LF	900.640 STEEL BEAM GR W/ 8 FT POSTS, WEATHERING LF	900.640 HD STEEL BEAM GR, WEATHERING LF	900.640 WEATHERING HD S.B. GR W/CURB MTD POSTS LF	900.620 MTS, FLARED/ WEATHERING EA	900.620 MTS, TANGENT/ WEATHERING EA	621.20 STEEL BEAM GUARDRAIL, GALVANIZED LF	621.21 HD STEEL BEAM GR, GALVANIZED LF	621.50 MANUF. TERM. SECT., FLARED EA	621.70 GUARDRAIL APPR. SECT., GALV. TYPE I EA	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	203.30 EARTH BORROW CY	402.12 & 402.13 AGGREGATE SHOULDER MATERIAL TON	604.412 REHAB. D'S, CB'S OR MH'S CLASS I EA	616.35 TREATED TIMBER CURB LF		621.60 ANCHOR FOR S.B. RAIL EA	
ROCHESTER:																				
198+75.0	215+87.5	RT	1637.5				2						1422.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 198+75.0 TO STA. 199+12.5 & STA. 215+50.0 TO STA. 215+87.5.
228+00.0	234+12.5	RT	537.5				2						468.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 228+00.0 TO STA. 228+37.5 & STA. 233+75.0 TO STA. 234+12.5.
238+97.5	247+47.5	RT	775.0				2						814.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 238+97.5 TO STA. 239+35.0 & STA. 247+10.0 TO STA. 247+47.5.
CHITTENDEN:																				
0+00.0	6+97.48	LT/RT													39					BACK UP SHOULDERS TO FULL HEIGHT AS DIRECTED BY THE RESIDENT ENGINEER.
1+00.0	6+97.48	RT	560.0				1						549.5	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 1+00.0 TO STA. 1+37.5. CONNECT NEW STEEL BEAM GUARDRAIL, WEATHERING TO NEW GUARDRAIL AT CHITTENDEN STA. 6+97.48.
ROCHESTER:																				
251+85.6	259+90.0	RT	752.5			25.0							777.5							CONNECT NEW STEEL BEAM GUARDRAIL, WEATHERING TO NEW GUARDRAIL AT ROCHESTER STA. 251+85.6. CONNECT NEW STEEL BEAM GUARDRAIL, WEATHERING TO HD STEEL BEAM GUARDRAIL, WEATHERING AT STA. 259+42.0. CONNECT NEW HD STEEL BEAM GUARDRAIL, WEATHERING TO NEW BRIDGE RAIL AT STA. 259+90.0. SEE SHEET 50 FOR BR 15 DETAILS.
256+71.0		LT																		
258+31.0		LT																		
259+50.5	259+90.0	LT	14.5		32.5								31.0						1	SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA. 259+56.0. CONNECT HD STEEL BEAM GUARDRAIL, WEATHERING TO NEW BRIDGE RAIL AT STA. 259+90.0. SEE SHEET 50 FOR BR 15 DETAILS.
260+40.0	260+79.5	LT	14.5		32.5								19.0						1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 260+40.0. SEE SHEET 50 FOR BR 15 DETAILS. PROVIDE ANCHOR AT STA. 260+74.0. SEE VAOT STANDARD G-ID.
260+40.0	261+02.5	RT			32.5		1							25	5					CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 260+40.0. SEE SHEET 50 FOR BR 15 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 260+65.0 TO STA. 261+02.5.
334+77.0	336+02.0	LT	62.5		32.5		1						30.0	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 334+77.0 TO STA. 335+14.5. CONNECT NEW HD STEEL BEAM GUARDRAIL, WEATHERING TO NEW BRIDGE RAIL AT STA. 336+02.0. SEE SHEET 51 FOR BR 16 DETAILS.
335+94.5	336+09.0	RT			14.5								9.0						1	SEE VAOT STANDARD G-ID. PROVIDE ANCHOR AT STA. 336+00.0. CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 336+09.0. SEE SHEET 51 FOR BR 16 DETAILS.
336+33.3	336+66.5	LT			33.3								30.7						1	CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 336+33.3. SEE SHEET 51 FOR BR 16 DETAILS. PROVIDE ANCHOR AT STA. 336+62.0. SEE VAOT STANDARD G-ID.
336+40.3	337+71.5	RT	62.5		41.3		1						23.7	25	5					CONNECT NEW HD STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 336+40.3. SEE SHEET 51 FOR BR 16 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 337+34.0 TO STA. 337+71.5.
366+50.0	368+00.0	RT	62.5								1	1	147.0	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 366+50.0 TO STA. 366+87.5. BEGIN APPROACH SECTION, GALVANIZED TYPE I AT STA. 367+50.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 368+00.0. SEE SHEET 46 & 47 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 52 FOR BR 17 DETAILS.
366+78.5	367+91.0	LT	25								1	1	101.0	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 366+78.5 TO STA. 367+16.0. BEGIN APPROACH SECTION, GALVANIZED TYPE I AT STA. 367+41.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 367+91.0. SEE SHEET 46 & 47 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 52 FOR BR 17 DETAILS.
369+10.0	370+72.5	LT	75.0								1	1	151.0	25	5.4			15.0		CONNECT APPROACH SECTION, GALVANIZED TYPE I TO EXISTING BRIDGE RAIL AT STA. 369+10.0 AND END AT STA. 369+60.0. SEE SHEET 46 & 47 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 52 FOR BR 17 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 370+35.0 TO STA. 370+72.5. INSTALL TREATED TIMBER CURB FROM STA. 369+10.0 TO STA. 369+25.0.
369+19.0	370+19.0	RT	12.5								1	1	101.0	25	5					CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 369+19.0 AND END AT STA. 369+69.0. SEE SHEET 46 & 47 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 52 FOR BR 17 DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 369+81.5 TO STA. 370+19.0.
369+23.0		LT																	1	
386+12.0	390+62.0	RT	375.0				2						413.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 386+12.0 TO STA. 386+49.5 & STA. 390+24.5 TO STA. 390+62.0.
391+42.5	395+05.0	RT	287.5				2						332.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 391+42.5 TO STA. 391+80.0 & STA. 394+67.5 TO STA. 395+05.0.
401+43.0	417+43.0	RT							1525.0		2		1410.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 401+43.0 TO STA. 401+80.5 & STA. 417+05.5 TO STA. 417+43.0.
SHEET SUBTOTALS:			5254.0		219.1	25.0	14		1525.0		6	4	6829.4	500	139.4	3	15.0	4		

<b>ITEM DETAIL SUMMARY SHEET#2</b>	PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER	
	PROJECT NUMBER: SIP_2505(1)S	
	FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.	
IPARM FILE: p05c046ids2.il	SHEET 10 OF 56	

# ITEM DETAIL SUMMARY SHEET #3

LOCATION			GUARDRAIL (WEATHERING)					GUARDRAIL (GALVANIZED)					MISCELLANEOUS					REMARKS		
BEGIN STATION	END STATION	POS.	900.640	900.640	900.640	900.640	900.620	900.620	621.20	621.21	621.50	621.70	621.80	203.30	402.12 & 402.13	604.412	616.35		621.60	
			STEEL BEAM GUARDRAIL, WEATHERING LF	STEEL BEAM GR W/ 8 FT POSTS, WEATHERING LF	HD STEEL BEAM GR, WEATHERING LF	WEATHERING HD S.B. GR W/CURB MTD POSTS LF	MTS, FLARED/ WEATHERING EA	MTS, TANGENT/ WEATHERING EA	STEEL BEAM GUARDRAIL, GALVANIZED LF	HD STEEL BEAM GR, GALVANIZED LF	MANUF. TERM. SECT., FLARED EA	GUARDRAIL APPR. SECT., GALV. TYPE I EA	REMOVAL & DISPOSAL GUARDRAIL LF	EARTH BORROW CY	AGGREGATE SHOULDER MATERIAL TON	REHAB. DI'S, CB'S OR MH'S CLASS I EA	TREATED TIMBER CURB LF		ANCHOR FOR S.B. RAIL EA	
ROCHESTER:																				
419+21.0	436+33.5	RT							1657.5		2		1565.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 419+21.0 TO STA. 419+58.5 & STA. 435+96.0 TO STA. 436+33.5. SEE SHEET 55 FOR REDUCED STEEL BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL.
439+00.0	444+87.5	RT							512.5		2		469.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 439+00.0 TO STA. 439+37.5 & STA. 444+50.0 TO STA. 444+87.5.
446+57.0	452+94.5	RT							562.5		2		285.0	50	10					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 446+57.0 TO STA. 446+94.5 & STA. 452+57.0 TO STA. 452+94.5.
461+22.8	464+47.8	RT							262.5	32.5	1		119.5	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 461+22.8 TO STA. 461+60.3. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE RAIL AT STA. 464+47.8. SEE SHEET 53 FOR BR 19 DETAILS.
461+47.8	464+47.8	LT							237.5	32.5	1		170.5	25	5					INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 461+47.8 TO STA. 461+85.3. CONNECT NEW HD STEEL BEAM GUARDRAIL TO EXISTING BRIDGE RAIL AT STA. 464+47.8. SEE SHEET 53 FOR BR 19 DETAILS.
SHEET SUBTOTALS:			-	-	-	-	-	-	3232.5	65.0	8	-	2609.0	200	40	-	-	-		
SHEET 9 SUBTOTALS:			6037.5	4650.0	147.6	-	35	1	-	-	-	-	9095.3	875	2776.6	10	630.0	-		
SHEET 10 SUBTOTALS:			5254.0	-	219.1	25.0	14	-	1525.0	-	6	4	6829.4	500	139.4	3	15.0	4		
ROUNDINGS:			-	-	-	-	-	-	-	-	-	-	-	-	44	-	5	-		
TOTALS:			11,366.5	4650.0	366.7	25.0	49	1	4757.5	65.0	14	4	18,533.7	1575	3000	13	650.0	4		

<b>ITEM DETAIL SUMMARY SHEET #3</b>	PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER	
	PROJECT NUMBER: SIP_2505(1)S	
	FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.	
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.	
IPARM FILE: p05c046ids3.i	SHEET 11 OF 56	



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 0+00.00 - STA. 16+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

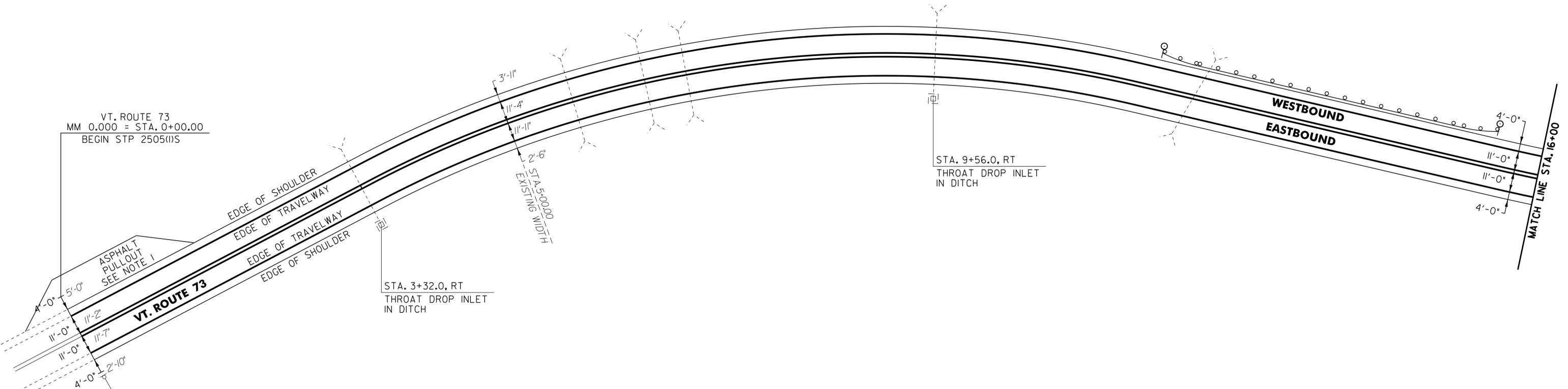
ROCHESTER: LT Q RT  
 STA. 0+00.00 - STA. 16+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 0+00.00 - STA. 16+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
 STA. 0+00.00 - STA. 16+00.00 S - S



VT. ROUTE 73  
 MM 0.000 = STA. 0+00.00  
 BEGIN STP 2505(1)S

ASPHALT  
 PULLOUT  
 SEE NOTE 1

\*LIMITS EXTENDED 85' -0" INTO ADDISON COUNTY

RET	ROCHESTER	GOSHEN
RET	WINDOR	ADDISON
N	RET	0730 0106 0361
N	RET	0730 1405 0000
	RET	

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

ROCHESTER:  
 STA. 3+32.0 RT  
 STA. 9+56.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 12+29.0 - STA. 14+95.0 LT (266.0 LF)

676.10 DELINEATOR WITH STEEL POST

Ø TYPE I WHITE  
 ROCHESTER:  
 STA. 11+87.5 LT  
 STA. 15+50.0 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 11+87.5 - STA. 12+25.0 LT  
 STA. 15+12.5 - STA. 15+50.0 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 12+25.0 - STA. 15+12.5 LT (287.5 LF)

SIGN LEGEND

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

NOTE:

1. PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING ASPHALT PULLOUT.

NOT TO SCALE

<b>PROJECT LAYOUT SHEET #1</b>	PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER
	PROJECT NUMBER: SIP_2505(1)S
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046i.i	SHEET 13 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 16+00.00 - STA. 32+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

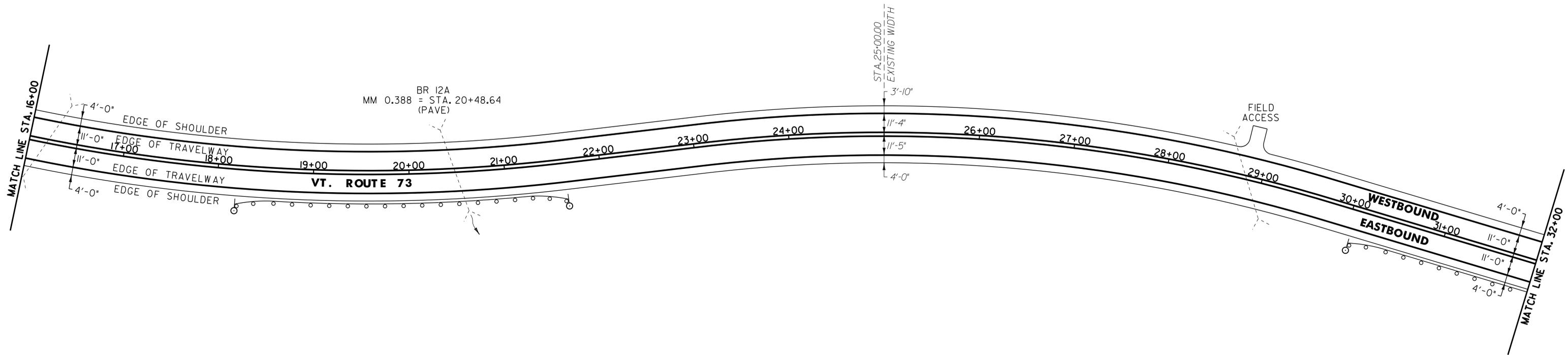
ROCHESTER: LT Q RT  
 STA. 16+00.00 - STA. 32+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 16+00.00 - STA. 32+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
 STA. 16+00.00 - STA. 32+00.00 S - S



900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 18+25.0 - STA. 18+75.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 18+35.0 - STA. 21+20.0 RT (285.0 LF)  
 STA. 30+51.0 - STA. 32+00.0 RT (149.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE  
 ROCHESTER:  
 STA. 18+25.0 RT  
 STA. 21+62.5 RT  
 STA. 30+05.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 18+25.0 - STA. 18+62.5 RT  
 STA. 21+25.0 - STA. 21+62.5 RT  
 STA. 30+05.0 - STA. 30+42.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 18+62.5 - STA. 21+25.0 RT (262.5 LF)  
 STA. 30+42.5 - STA. 32+00.0 RT (157.5 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #2**

PROJECT NAME: ROCHESTER-CHIINDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046i02.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 14 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 32+00.00 - STA. 48+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
STA. 32+00.00 - STA. 48+00.00 S - S

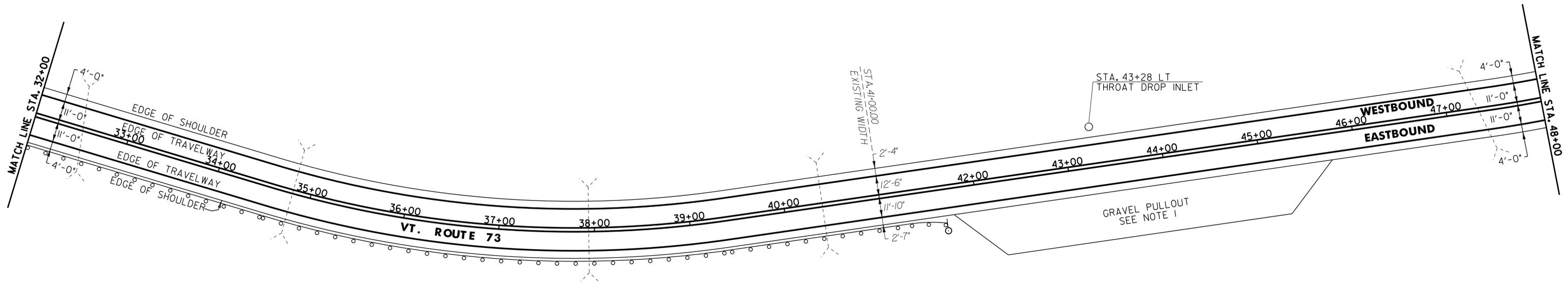
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 32+00.00 - STA. 48+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
STA. 32+00.00 - STA. 48+00.00 S - S

604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I  
STA. 43+28 LT



NOTE:

1. PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION AND GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
STA. 32+00.0 - STA. 41+67.0 RT (967.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE

ROCHESTER:  
STA. 41+67.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
STA. 41+30.0 - STA. 41+67.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
STA. 32+00.0 - STA. 41+30.0 RT (930.0 LF)

NOT TO SCALE

**PROJECT LAYOUT SHEET #3**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i03.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

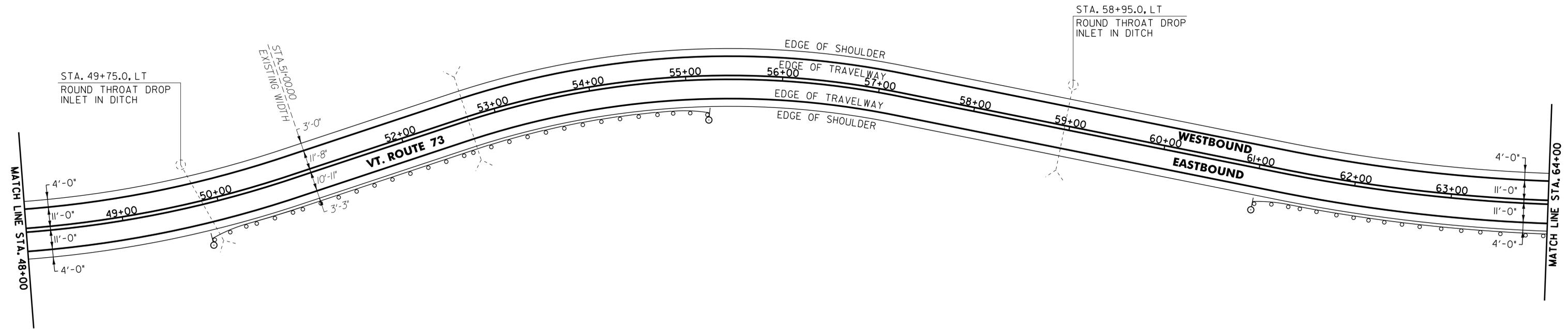
SHEET 15 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)  
 ROCHESTER:  
 STA. 48+00.00 - STA. 64+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)  
 ROCHESTER:  
 STA. 48+00.00 - STA. 64+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED  
 ROCHESTER:  
 STA. 48+00.00 - STA. 64+00.00 LT Q RT  
 S - S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED  
 ROCHESTER:  
 STA. 48+00.00 - STA. 64+00.00 LT Q RT  
 S - S



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I  
 ROCHESTER:  
 STA. 49+75.0 LT  
 STA. 58+95.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 ROCHESTER:  
 STA. 49+92.0 - STA. 55+13.0 RT (521.0 LF)  
 STA. 63+75.0 - STA. 64+00.0 RT (25.0 LF)

676.10 DELINEATOR WITH STEEL POST  
 ♀ TYPE I WHITE  
 ROCHESTER:  
 STA. 49+85.0 RT  
 STA. 55+22.5 RT  
 STA. 61+00.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)  
 ROCHESTER:  
 STA. 49+85.0 - STA. 50+22.5 RT  
 STA. 54+85.0 - STA. 55+22.5 RT  
 STA. 61+00.0 - STA. 61+37.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)  
 ROCHESTER:  
 STA. 50+22.5 - STA. 54+85.0 RT (462.5 LF)  
 STA. 61+37.5 - STA. 64+00.0 RT (262.5 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #4**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046i04.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 16 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 64+00.00 - STA. 80+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

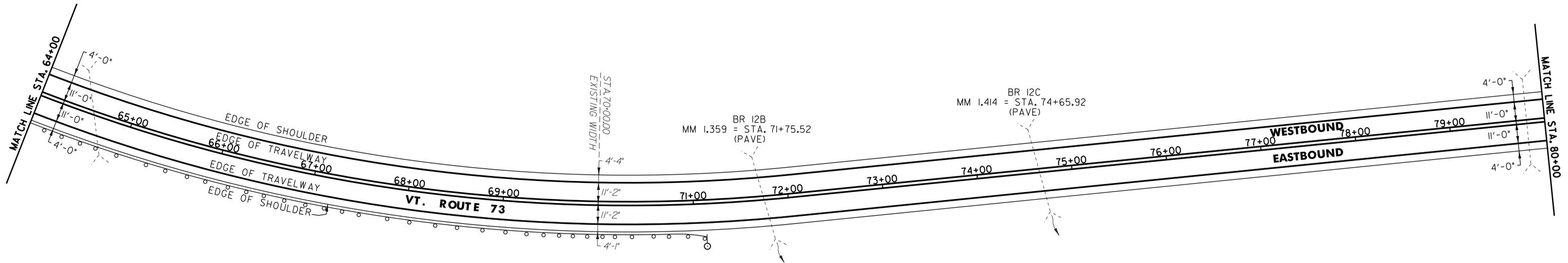
ROCHESTER: LT CL RT  
 STA. 64+00.00 - STA. 80+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 64+00.00 - STA. 80+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT CL RT  
 STA. 64+00.00 - STA. 80+00.00 S - S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 64+00.0 - STA. 68+46.0 RT (446.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

ROCHESTER:  
 STA. 71+12.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 70+75.0 - STA. 71+12.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)

ROCHESTER:  
 STA. 64+00.0 - STA. 70+75.0 RT (675.0 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #5**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046i05.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 17 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 80+00.00 - STA. 96+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

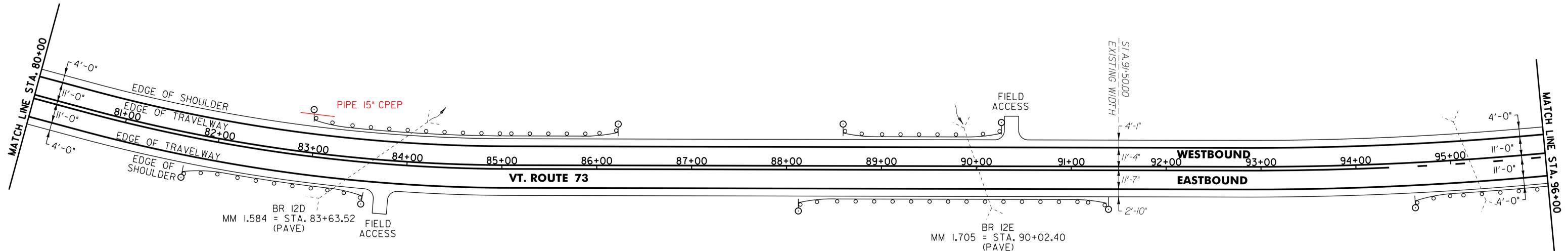
ROCHESTER:  
 STA. 80+00.00 - STA. 94+25.00 LT Q RT  
 STA. 80+00.00 - STA. 94+25.00 S - S  
 STA. 94+25.00 - STA. 96+00.00 S - D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 80+00.00 - STA. 96+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
 STA. 80+00.00 - STA. 94+25.00 LT Q RT  
 STA. 80+00.00 - STA. 94+25.00 S - S  
 STA. 94+25.00 - STA. 96+00.00 S - D



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 82+43.0 - STA. 83+56.0 RT (113.0 LF)  
 STA. 83+12.0 - STA. 84+67.0 LT (155.0 LF)  
 STA. 89+03.0 - STA. 90+92.0 RT (189.0 LF)  
 STA. 89+06.0 - STA. 90+22.0 LT (116.0 LF)  
 STA. 95+07.5 - STA. 96+00.0 RT (93.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE

ROCHESTER:  
 STA. 81+68.5 RT  
 STA. 82+97.5 LT  
 STA. 83+56.0 RT  
 STA. 86+22.5 LT  
 STA. 88+12.5 RT  
 STA. 88+59.5 LT  
 STA. 90+22.0 LT  
 STA. 91+37.5 RT  
 STA. 94+60.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 81+68.5 - STA. 82+06.0 RT  
 STA. 82+97.5 - STA. 83+35.0 LT  
 STA. 83+18.5 - STA. 83+56.0 RT  
 STA. 85+85.0 - STA. 86+22.5 LT  
 STA. 88+12.5 - STA. 88+50.0 RT  
 STA. 88+59.5 - STA. 88+97.0 LT  
 STA. 89+84.5 - STA. 90+22.0 LT  
 STA. 91+00.0 - STA. 91+37.5 RT  
 STA. 94+60.0 - STA. 94+97.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 82+06.0 - STA. 83+18.5 RT (112.5 LF)  
 STA. 83+35.0 - STA. 85+85.0 LT (250.0 LF)  
 STA. 88+50.0 - STA. 91+00.0 RT (250.0 LF)  
 STA. 88+97.0 - STA. 89+84.5 LT (87.5 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)

ROCHESTER:  
 STA. 94+97.5 - STA. 96+00.0 RT (102.5 LF)

NOT TO SCALE

PROJECT LAYOUT SHEET #6

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i06.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 18 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 96+00.00 - STA. 112+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

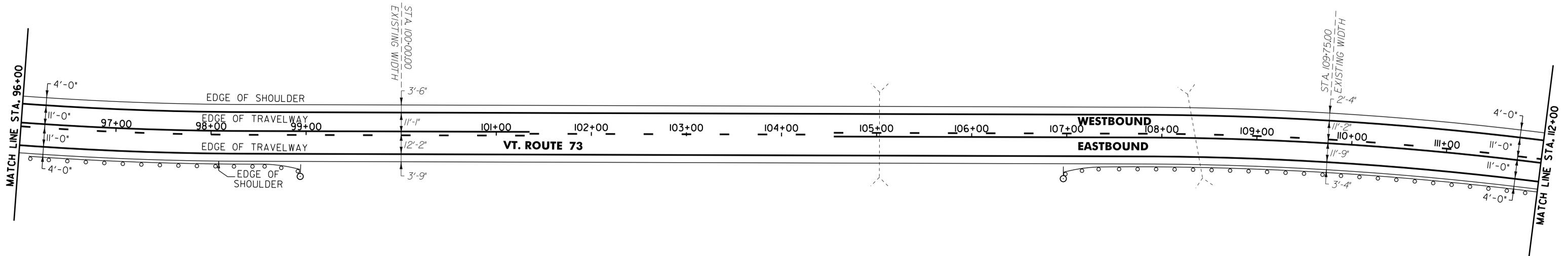
ROCHESTER:	LT	CL	RT
STA. 96+00.00 - STA. 101+35.00	S	-	D
STA. 101+35.00 - STA. 104+55.00	-	D	-
STA. 104+55.00 - STA. 111+95.00	D	-	S
STA. 111+95.00 - STA. 112+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 96+00.00 - STA. 112+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:	LT	CL	RT
STA. 96+00.00 - STA. 101+35.00	S	-	D
STA. 101+35.00 - STA. 104+55.00	-	D	-
STA. 104+55.00 - STA. 111+95.00	D	-	S
STA. 111+95.00 - STA. 112+00.00	S	-	S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 ROCHESTER:  
 STA. 96+00.0 - STA. 97+58.0 RT (158.0 LF)  
 STA. 109+74.0 - STA. 112+00.0 RT (226.0 LF)

676.10 DELINEATOR WITH STEEL POST  
 ♀ TYPE 1 WHITE

ROCHESTER:  
 STA. 98+97.5 RT  
 STA. 106+96.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 98+60.0 - STA. 98+97.5 RT  
 STA. 106+96.5 - STA. 107+34.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 107+34.0 - STA. 112+00.0 RT (466.0 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)

ROCHESTER:  
 STA. 96+00.0 - STA. 98+60.0 RT (260.0 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #7**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046i07.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 19 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 112+00.00 - STA. 128+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

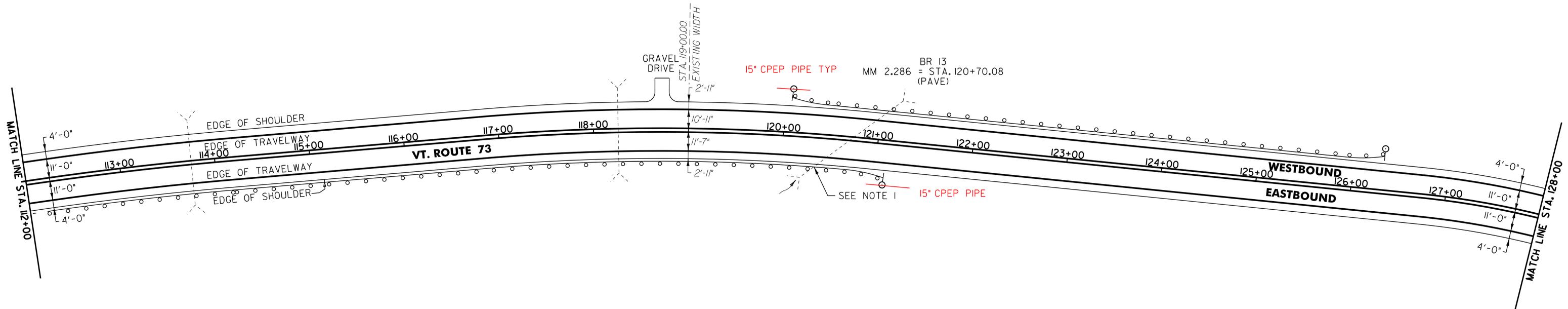
ROCHESTER: LT C RT  
 STA. 112+00.00 - STA. 128+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 112+00.00 - STA. 128+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT C RT  
 STA. 112+00.00 - STA. 128+00.00 S - S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 112+00.0 - STA. 120+65.0 RT (865.0 LF)  
 STA. 120+60.0 - STA. 125+88.0 LT (528.0 LF)

676.10 DELINEATOR WITH STEEL POST

Q TYPE 1 WHITE

ROCHESTER:  
 STA. 120+07.5 LT  
 STA. 121+09.0 RT  
 STA. 126+32.5 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 120+07.5 - STA. 120+45.0 LT  
 STA. 120+71.5 - STA. 121+09.0 RT  
 STA. 125+95.0 - STA. 126+32.5 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 112+00.0 - STA. 120+71.5 RT (871.5 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)

ROCHESTER:  
 STA. 120+45.0 - STA. 125+95.0 LT (550.0 LF)

NOTE:

1. SEE SHEET 55 FOR STEEL BEAM GUARDRAIL  
 AT SMALL CULVERTS DETAIL.

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #8**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i08.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

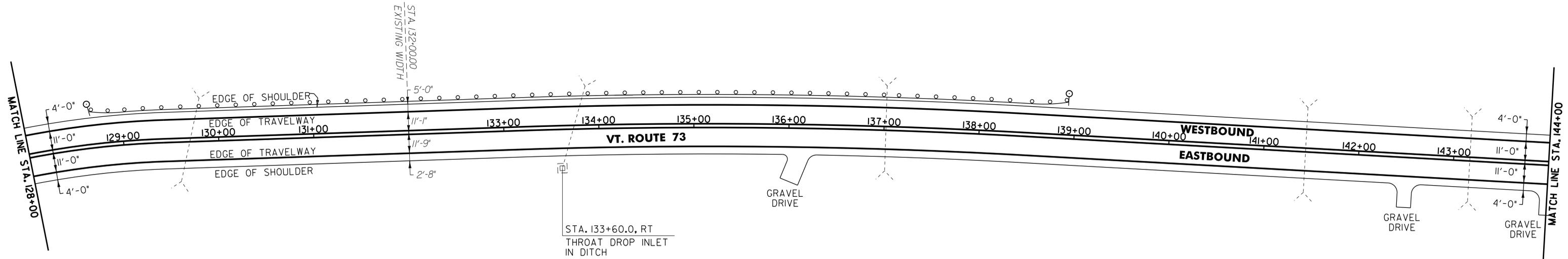
SHEET 20 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)  
 ROCHESTER:  
 STA. 128+00.00 - STA. 144+00.00 LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)  
 ROCHESTER:  
 STA. 128+00.00 - STA. 144+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED  
 ROCHESTER:  
 STA. 128+00.00 - STA. 144+00.00 LT QL RT  
 S - S

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED  
 ROCHESTER:  
 STA. 128+00.00 - STA. 144+00.00 LT QL RT  
 S - S



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I  
 ROCHESTER:  
 STA. 133+60.0, RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 ROCHESTER:  
 STA. 129+07.0 - STA. 131+62.0 LT (255.0 LF)  
 STA. 133+78.0 - STA. 137+19.0 LT (341.0 LF)

676.10 DELINEATOR WITH STEEL POST  
 ♀ TYPE I WHITE

ROCHESTER:  
 STA. 128+67.5 LT  
 STA. 138+92.5 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 128+67.5 - STA. 129+05.0 LT  
 STA. 138+55.0 - STA. 138+92.5 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)

ROCHESTER:  
 STA. 129+05.0 - STA. 138+55.0 LT (950.0 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #9**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn PLOT DATE: \$DATE\$  
 PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.  
 DESIGNED BY: J.S.P. CHECKED BY: D.E.G.  
 IPARM FILE: p05c046i09.i SHEET 21 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 144+00.00 - STA. 160+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

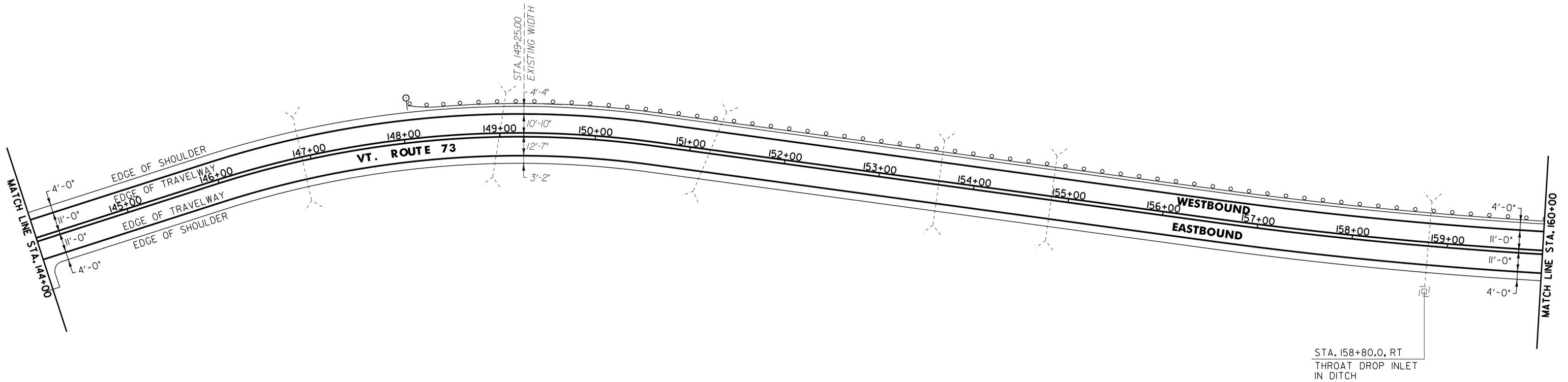
ROCHESTER: LT Q RT  
 STA. 144+00.00 - STA. 160+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 144+00.00 - STA. 160+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
 STA. 144+00.00 - STA. 160+00.00 S - S



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

ROCHESTER:  
 STA. 158+80.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 149+07.0 - STA. 160+00.0 LT (1093.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

ROCHESTER:  
 STA. 148+07.5 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 148+07.5 - STA. 148+45.0 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 148+45.0 - STA. 160+00.0 LT (1155.0 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #10**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046110.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 22 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 160+00.00 - STA. 176+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

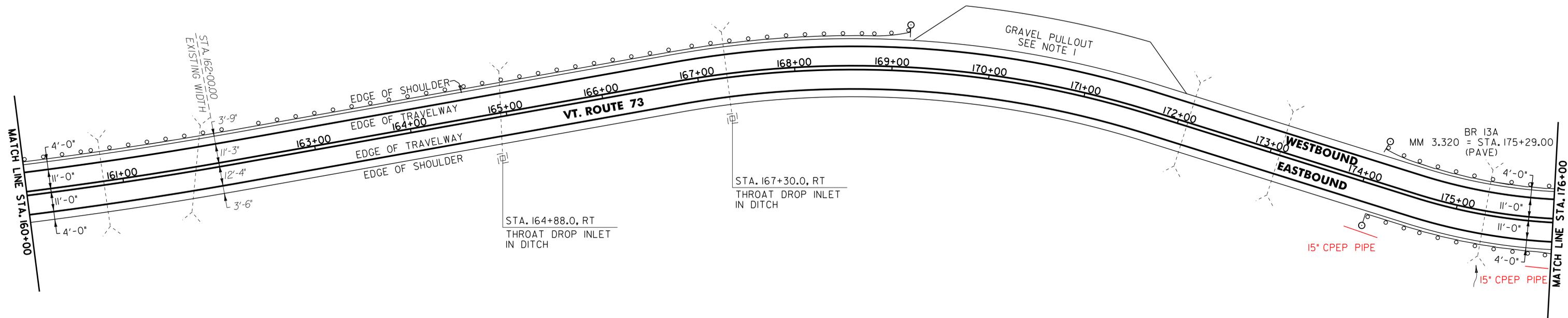
ROCHESTER: LT Q RT  
 STA. 160+00.00 - STA. 176+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 160+00.00 - STA. 176+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
 STA. 160+00.00 - STA. 176+00.00 S - S



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

ROCHESTER:  
 STA. 164+88.0 RT  
 STA. 167+30.0 RT

616.35 TREATED TIMBER CURB

ROCHESTER:  
 STA. 175+60.0 - STA. 176+00.0 LT (40.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 160+00.0 - STA. 169+17.0 LT (917.0 LF)  
 STA. 174+95.0 - STA. 176+00.0 LT (105.0 LF)  
 STA. 175+02.0 - STA. 175+63.0 RT (61.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE  
 ROCHESTER:  
 STA. 169+20.0 LT  
 STA. 174+12.5 RT  
 STA. 174+12.5 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, TANGENT/WEATHERING)

ROCHESTER:  
 STA. 174+00.0 - STA. 174+50.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 168+82.5 - STA. 169+20.0 LT  
 STA. 174+12.5 - STA. 174+50.0 LT  
 STA. 175+75.0 - STA. 176+00.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 160+00.0 - STA. 168+82.5 LT (882.5 LF)  
 STA. 174+50.0 - STA. 175+75.0 RT (125.0 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)

ROCHESTER:  
 STA. 174+50.0 - STA. 176+00.0 LT (150.0 LF)

FLARED/

NOTE:

1. PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION AND GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S)

NOT TO SCALE

PROJECT LAYOUT SHEET #11

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046(1).i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 23 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 176+00.00 - STA. 192+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
STA. 176+00.00 - STA. 192+00.00 LT Q RT  
STA. 176+00.00 - STA. 192+00.00 S - S  
STA. 190+44.96 DOUBLE SOLID LT, TH-37

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
ROCHESTER:  
STA. 190+44.96 LT, "S,T,O,P" (4 EA), TH-37

646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
ROCHESTER:  
STA. 190+44.96 LT, "S,T,O,P" (4 EA) TH-37

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 176+00.00 - STA. 192+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

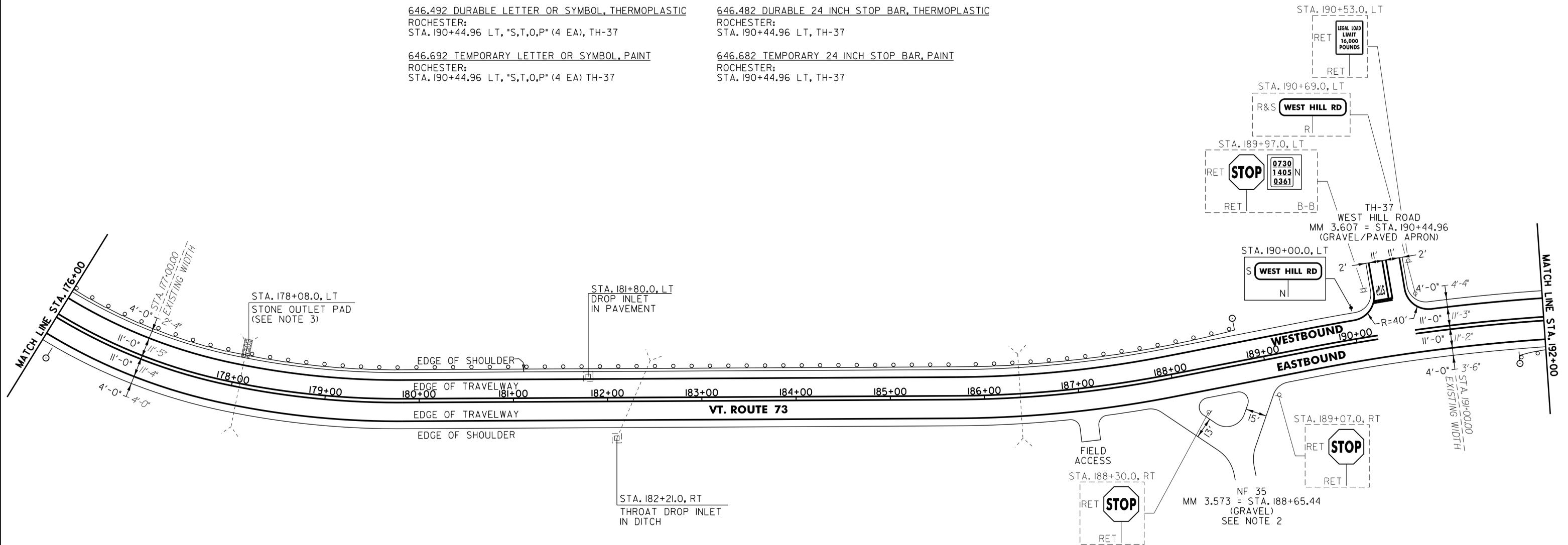
ROCHESTER:  
STA. 176+00.00 - STA. 192+00.00 LT Q RT  
STA. 176+00.00 - STA. 192+00.00 S - S  
STA. 190+44.96 DOUBLE SOLID LT, TH-37

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC  
ROCHESTER:  
STA. 190+44.96 LT, TH-37

646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
ROCHESTER:  
STA. 190+44.96 LT, TH-37

675.50 REMOVING SIGNS  
AS SHOWN - I

675.60 ERECTING SALVAGED SIGNS  
AS SHOWN - I



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

ROCHESTER:  
STA. 181+80, LT  
STA. 182+21.0 RT

616.35 TREATED TIMBER CURB

ROCHESTER:  
STA. 176+00.0 - STA. 181+90.0 LT (590.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
STA. 176+00.0 - STA. 187+01.0 LT (1101.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE

ROCHESTER:  
STA. 176+12.5 RT  
STA. 188+75.0 LT  
STA. 191+71.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
STA. 176+00.0 - STA. 176+12.5 RT  
STA. 188+37.5 - STA. 188+75.0 LT  
STA. 191+71.5 - STA. 192+00.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING, W/8 FEET POSTS)

ROCHESTER:  
STA. 176+00.0 - STA. 188+37.5 LT (1237.5 LF)

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 73 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR BOTH APPROACH LEGS TO NF 35. ANY REQUIRED EXCAVATION OR GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).
- PROVIDE A 2 FT WIDE GAP IN TIMBER CURB TO MAINTAIN STORMWATER RUNOFF FLOW TO THE EXISTING STONE OUTLET PAD.

SIGN LEGEND

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

NOT TO SCALE

**PROJECT LAYOUT SHEET #12**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i1.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 24 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 192+00.00 - STA. 208+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

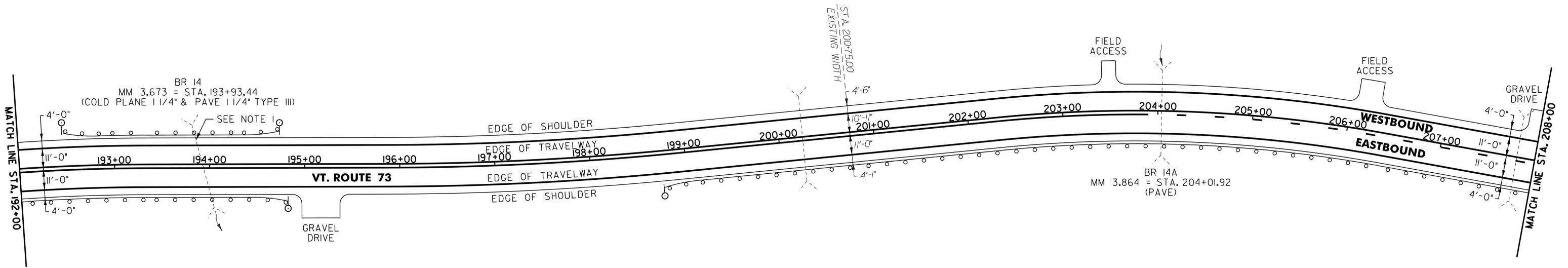
ROCHESTER:  
 STA. 192+00.00 - STA. 203+80.00 LT Q RT  
 STA. 192+00.00 - STA. 203+80.00 S - S  
 STA. 203+80.00 - STA. 208+00.00 S - D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 192+00.00 - STA. 208+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
 STA. 192+00.00 - STA. 203+80.00 LT Q RT  
 STA. 192+00.00 - STA. 203+80.00 S - S  
 STA. 203+80.00 - STA. 208+00.00 S - D



621.60 ANCHOR FOR STEEL BEAM RAIL

ROCHESTER:  
 STA. 194+28.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 192+93.0 - STA. 193+77.8 RT (84.8 LF)  
 STA. 193+47.0 - STA. 193+61.0 LT (14.0 LF)  
 STA. 194+21.5 - STA. 194+43.0 RT (21.5 LF)  
 STA. 200+69.0 - STA. 208+00.0 RT (731.0 LF)

676.10 DELINEATOR WITH STEEL POST

Q TYPE 1 WHITE

ROCHESTER:  
 STA. 192+48.5 LT  
 STA. 194+73.5 LT  
 STA. 194+83.0 RT  
 STA. 198+75.0 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 192+00.0 - STA. 192+09.0 RT  
 STA. 192+48.5 - STA. 192+86.0 LT  
~~STA. 194+36.0 - STA. 194+73.5 LT~~  
 STA. 194+46.5 - STA. 194+83.0 RT  
 STA. 198+75.0 - STA. 199+12.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 192+09.0 - STA. 193+46.5 RT (137.5 LF)  
 STA. 192+86.0 - STA. 193+36.0 LT (50 LF)  
 STA. 199+12.5 - STA. 208+00.0 RT (887.5 LF)

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING) /CURB MOUNTED

ROCHESTER:  
 STA. 193+36.0 - STA. 193+61.0 LT (32.5 LF)  
 STA. 193+46.5 - STA. 193+77.8 RT (41.3 LF)  
 STA. 194+04.8 - STA. 194+36.0 LT (41.3 LF)  
 STA. 194+21.5 - STA. 194+46.5 RT (32.5 LF)

NOTE:

1. SEE SHEETS 48 AND 49 FOR BR 14 DETAILS.

NOT TO SCALE

PROJECT  
 LAYOUT  
 SHEET #13

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i13.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 25 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 208+00.00 - STA. 224+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

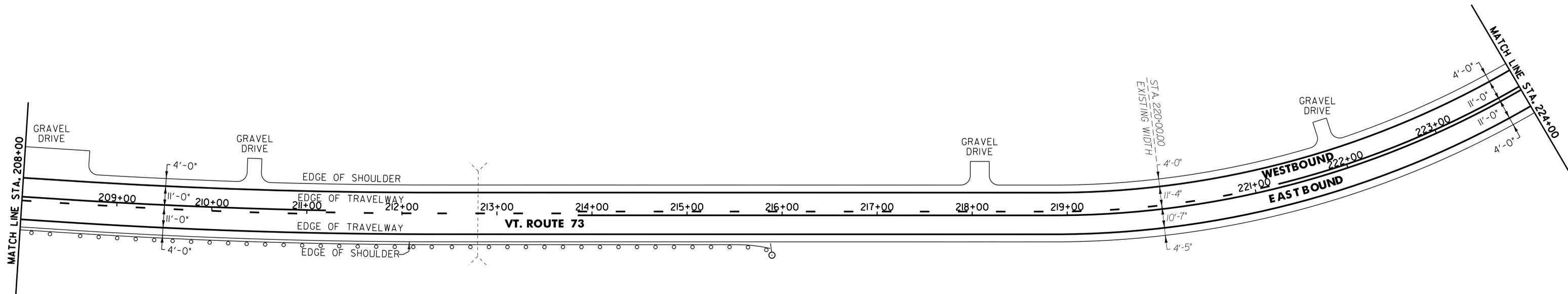
ROCHESTER:	LT	CL	RT
STA. 208+00.00 - STA. 211+20.00	S	-	D
STA. 211+20.00 - STA. 213+85.00	-	D	-
STA. 213+85.00 - STA. 221+25.00	D	-	S
STA. 221+25.00 - STA. 224+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 208+00.00 - STA. 224+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:	LT	CL	RT
STA. 208+00.00 - STA. 211+20.00	S	-	D
STA. 211+20.00 - STA. 213+85.00	-	D	-
STA. 213+85.00 - STA. 221+25.00	D	-	S
STA. 221+25.00 - STA. 224+00.00	S	-	S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 208+00.0 - STA. 214+91.0 RT (691.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE

ROCHESTER:  
 STA. 215+87.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 215+50.0 - STA. 215+87.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 208+00.0 - STA. 215+50.0 RT (750.0 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #14**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046114.i	SHEET 26 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 224+00.00 - STA. 240+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

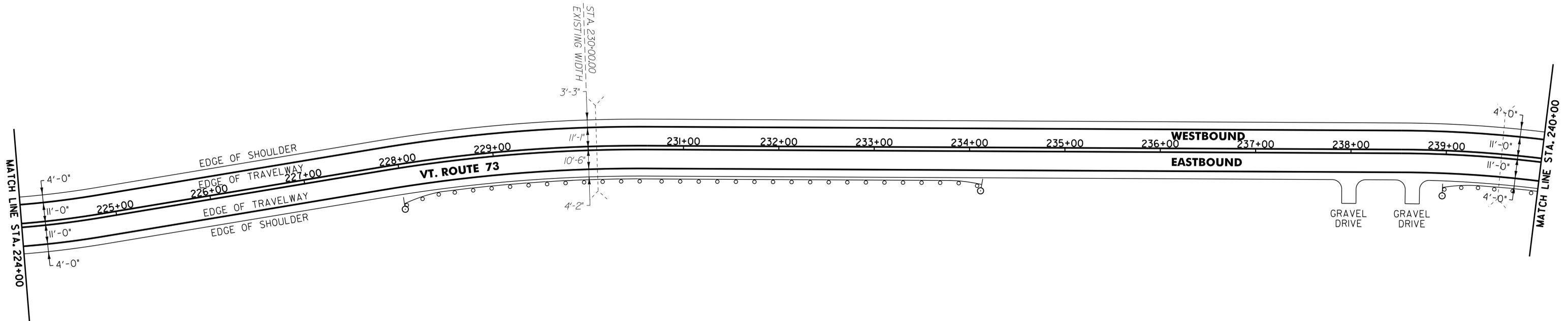
ROCHESTER:  
 STA. 224+00.00 - STA. 240+00.00 LT QL RT  
 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 224+00.00 - STA. 240+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
 STA. 224+00.00 - STA. 240+00.00 LT QL RT  
 S - S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 ROCHESTER:  
 STA. 229+32.0 - STA. 234+00.0 RT (468.0 LF)  
 STA. 239+31.0 - STA. 240+00.0 RT (69.0 LF)

676.10 DELINEATOR WITH STEEL POST  
 ○ TYPE 1 WHITE  
 ROCHESTER:  
 STA. 228+00.0 RT  
 STA. 234+12.5 RT  
 STA. 238+97.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)  
 ROCHESTER:  
 STA. 228+00.0 - STA. 228+37.5 RT  
 STA. 233+75.0 - STA. 234+12.5 RT  
 STA. 238+97.5 - STA. 239+35.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)  
 ROCHESTER:  
 STA. 228+37.5 - STA. 233+75.0 RT (537.5 LF)  
 STA. 239+35.0 - STA. 240+00.0 RT (65.0 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #15**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046115.i\_

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 27 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 240+00.00 - STA. 251+85.60 LT & RT

CHITTENDEN:  
 STA. 0+00.00 - STA. 4+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT QL RT  
 STA. 240+00.00 - STA. 251+85.60 S - S

CHITTENDEN:  
 STA. 0+00.00 - STA. 4+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

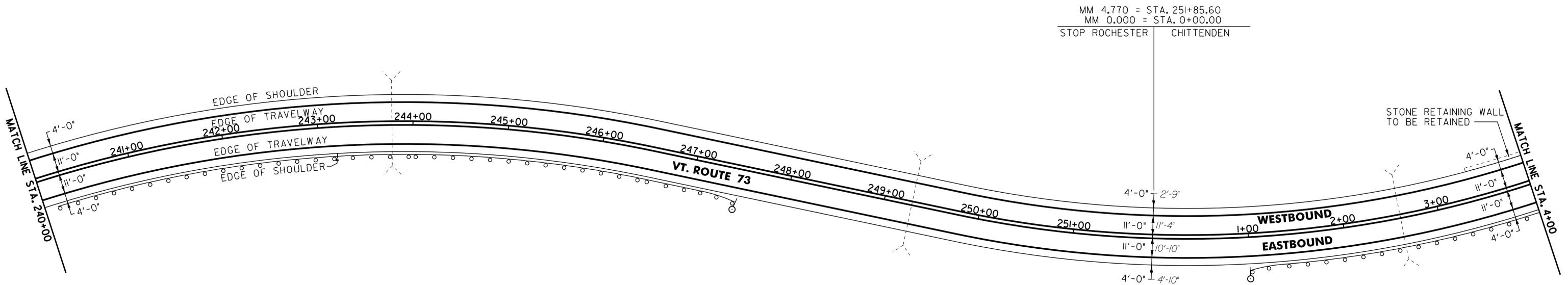
ROCHESTER:  
 STA. 240+00.00 - STA. 251+85.60 LT & RT

CHITTENDEN:  
 STA. 0+00.00 - STA. 4+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT QL RT  
 STA. 240+00.00 - STA. 251+85.60 S - S

CHITTENDEN:  
 STA. 0+00.00 - STA. 4+00.00 S - S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 240+00.0 - STA. 247+45.0 RT (745.0 LF)

CHITTENDEN:  
 STA. 1+48.0 - STA. 4+00.0 RT (252.0 LF)

676.10 DELINEATOR WITH STEEL POST

TYPE I WHITE  
 ROCHESTER:  
 STA. 247+47.5 RT  
 CHITTENDEN:  
 STA. 1+00.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)

ROCHESTER:  
 STA. 247+10.0 - STA. 247+47.5 RT

CHITTENDEN:  
 STA. 1+00.0 - STA. 1+37.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

ROCHESTER:  
 STA. 240+00.0 - STA. 247+10.0 RT (710.0 LF)  
 CHITTENDEN:  
 STA. 1+37.5 - STA. 4+00.0 RT (262.5 LF)

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #16**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046116.i  
 PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 28 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

CHITTENDEN:  
STA. 4+00.00 - STA. 6+97.48 LT & RT

ROCHESTER:  
STA. 251+85.60 - STA. 259+25.00 LT  
STA. 251+85.60 - STA. 264+00.00 RT  
STA. 259+25.00 - STA. 259+85.00 LT (DOTTED)  
STA. 259+85.00 - STA. 264+00.00 LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CHITTENDEN: LT Q RT  
STA. 4+00.00 - STA. 6+97.48 S - S

ROCHESTER:  
STA. 251+85.60 - STA. 264+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

CHITTENDEN:  
STA. 4+00.00 - STA. 6+97.48 LT & RT

ROCHESTER:  
STA. 251+85.60 - STA. 259+25.00 LT  
STA. 251+85.60 - STA. 264+00.00 RT  
STA. 259+25.00 - STA. 259+85.00 LT (DOTTED)  
STA. 259+85.00 - STA. 264+00.00 LT

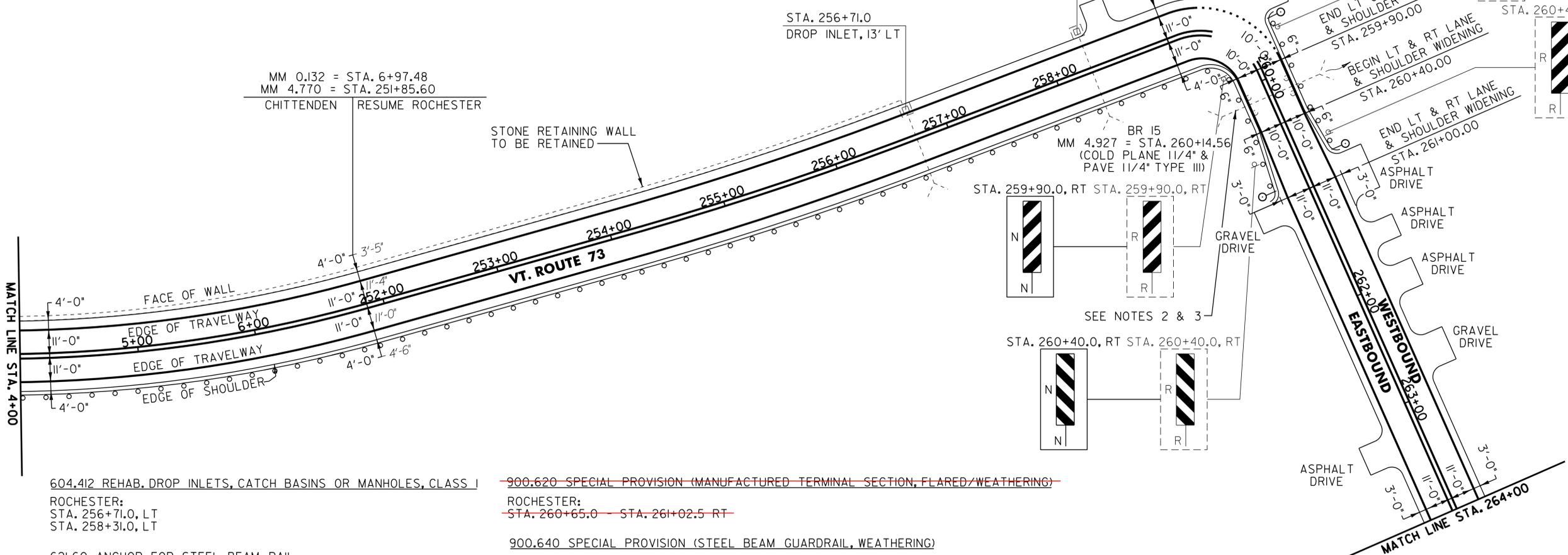
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

CHITTENDEN: LT Q RT  
STA. 4+00.00 - STA. 6+97.48 S - S

ROCHESTER:  
STA. 251+85.60 - STA. 264+00.00 S - S

MM 0.132 = STA. 6+97.48  
MM 4.770 = STA. 251+85.60  
CHITTENDEN RESUME ROCHESTER

STONE RETAINING WALL TO BE RETAINED



604.412 REHAB. DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I  
ROCHESTER:  
STA. 256+71.0, LT  
STA. 258+31.0, LT

621.60 ANCHOR FOR STEEL BEAM RAIL  
ROCHESTER:  
STA. 259+56.0 LT STA. 260+57.3 RT  
STA. 260+74.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
CHITTENDEN:  
STA. 4+00.0 - STA. 6+97.48 RT (297.5 LF)

ROCHESTER:  
STA. 251+85.60 - STA. 259+90.0 RT (777.5 LF)  
STA. 259+59.0 - STA. 259+90.0 LT (31.0 LF)  
STA. 260+40.0 - STA. 260+59.0 LT (19.0 LF)  
STA. 260+40.0 - STA. 260+74.0 RT (34.0 LF)

676.10 DELINEATOR WITH STEEL POST  
TYPE I WHITE

ROCHESTER:  
STA. 259+50.5 LT  
STA. 260+79.5 LT  
STA. 261+02.5 RT

~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)~~  
ROCHESTER:  
~~STA. 260+65.0 - STA. 261+02.5 RT~~

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)  
CHITTENDEN:  
STA. 4+00.0 - STA. 6+97.48 RT (297.5 LF)

ROCHESTER:  
STA. 251+85.60 - STA. 259+42.0 RT (752.5 LF)  
STA. 259+50.5 - STA. 259+65.0 LT (14.5 LF)  
STA. 260+65.0 - STA. 260+79.5 LT (14.5 LF)

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING)  
ROCHESTER:  
STA. 259+65.0 - STA. 259+90.0 LT (32.5 LF)  
STA. 260+40.0 - STA. 260+65.0 LT (32.5 LF)  
STA. 260+40.0 - STA. 260+65.0 RT (32.5 LF)

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL WEATHERING/CURB MOUNTED POSTS)  
ROCHESTER:  
STA. 259+42.0 - STA. 259+90.0 RT (73.3 LF)  
STA. 259+90.0 - STA. 260+40.0 RT (31.25 LF)

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: ROCHESTER-CHITTENDEN-ROCHESTER  
PROJECT NUMBER: SIP 2505(1)S

FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046117.i\_

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 29 OF 56

NOTES:  
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 73 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.  
2. SEE SHEETS 48 AND 50 FOR BR 15 DETAILS. SEE SHEET 54 FOR BRIDGE CURB REPAIR DETAILS.  
3. THERE ARE FOUR EXISTING DRAINAGE STRUCTURES LOCATED ALONG THE EASTBOUND AND WESTBOUND CURB LINES ON BR 15. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.

675.50 REMOVING SIGNS AS SHOWN - 5  
675.60 ERECTING SALVAGED SIGNS AS SHOWN - 1

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 264+00.00 - STA. 280+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

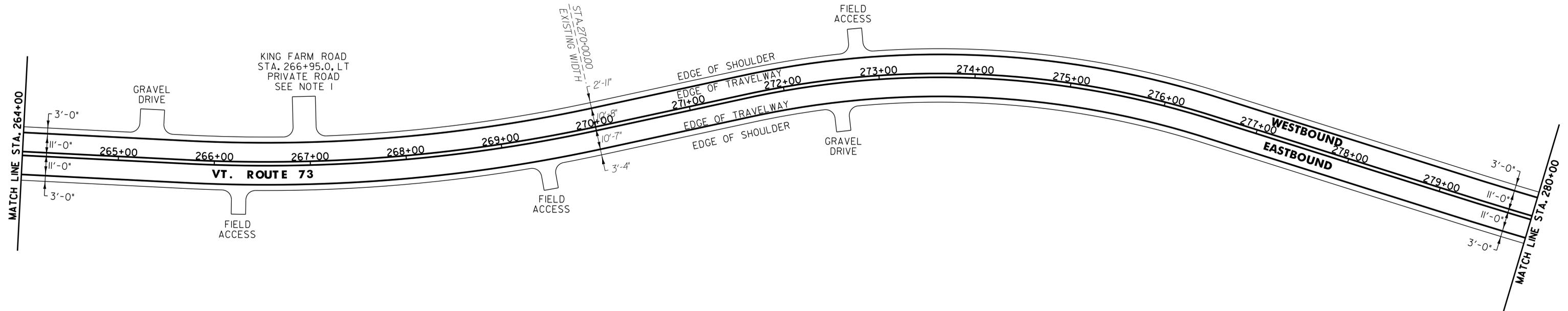
ROCHESTER: LT Q RT  
 STA. 264+00.00 - STA. 280+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 264+00.00 - STA. 280+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
 STA. 264+00.00 - STA. 280+00.00 S - S



NOTE:

1. PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING PRIVATE ROAD. ANY REQUIRED EXCAVATION AND GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

NOT TO SCALE

**PROJECT LAYOUT SHEET #18**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046118.i	SHEET 30 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 280+00.00 - STA. 296+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

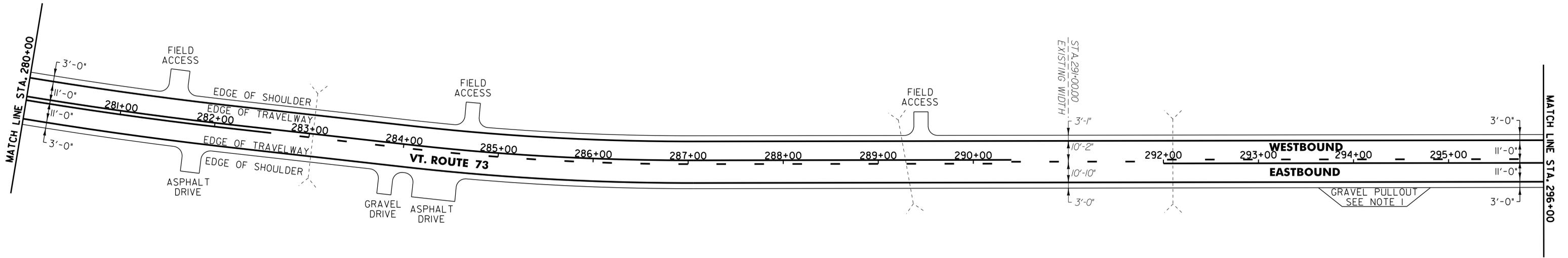
ROCHESTER:	LT	CL	RT
STA. 280+00.00 - STA. 282+50.00	S	-	S
STA. 282+50.00 - STA. 290+40.00	S	-	D
STA. 290+40.00 - STA. 292+00.00	-	D	-
STA. 292+00.00 - STA. 296+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 280+00.00 - STA. 296+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:	LT	CL	RT
STA. 280+00.00 - STA. 282+50.00	S	-	S
STA. 282+50.00 - STA. 290+40.00	S	-	D
STA. 290+40.00 - STA. 292+00.00	-	D	-
STA. 292+00.00 - STA. 296+00.00	D	-	S



NOTE:

- PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION AND GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

NOT TO SCALE

**PROJECT LAYOUT SHEET #19**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046119.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 31 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 296+00.00 - STA. 312+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

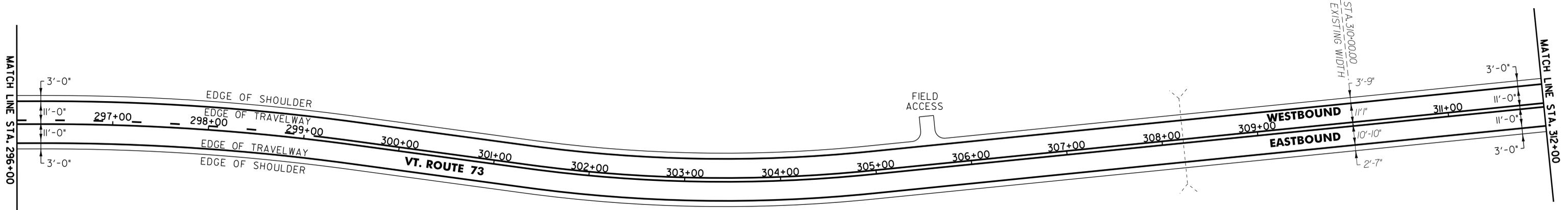
ROCHESTER: LT QL RT  
 STA. 296+00.00 - STA. 299+10.00 D - S  
 STA. 299+10.00 - STA. 312+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 296+00.00 - STA. 312+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT QL RT  
 STA. 296+00.00 - STA. 299+10.00 D - S  
 STA. 299+10.00 - STA. 312+00.00 S - S



NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #20**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046120.i	SHEET 32 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 312+00.00 - STA. 328+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

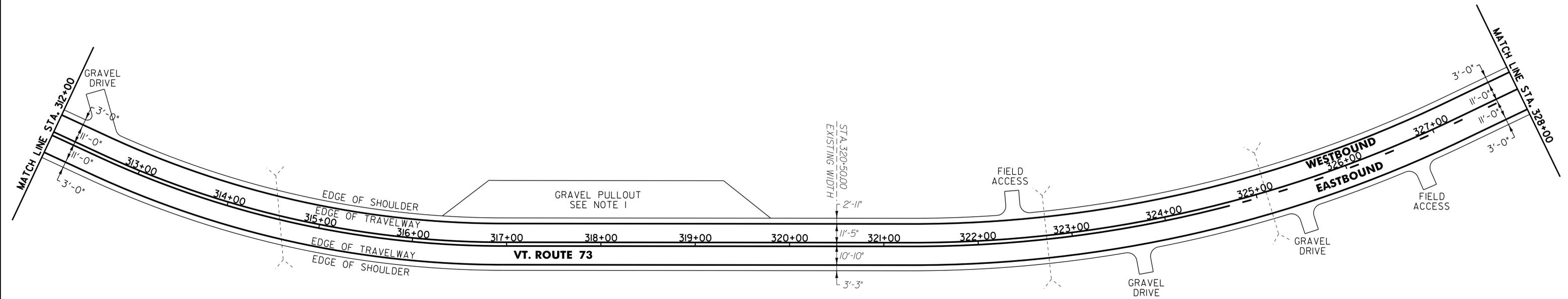
ROCHESTER: LT CL RT  
 STA. 312+00.00 - STA. 324+70.00 S - S  
 STA. 324+70.00 - STA. 328+00.00 S - D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 312+00.00 - STA. 328+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT CL RT  
 STA. 312+00.00 - STA. 324+70.00 S - S  
 STA. 324+70.00 - STA. 328+00.00 S - D



NOTE:

1. PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING GRAVEL PULLOUT. ANY REQUIRED EXCAVATION AND GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S)

NOT TO SCALE

**PROJECT LAYOUT SHEET #21**

PROJECT NAME: ROCHESTER-CHILMENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046(2).i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 33 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 328+00.00 - STA. 344+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
STA. 328+00.00 - STA. 331+60.00 LT Q RT  
STA. 328+00.00 - STA. 331+60.00 S - D  
STA. 331+60.00 - STA. 344+00.00 S - S

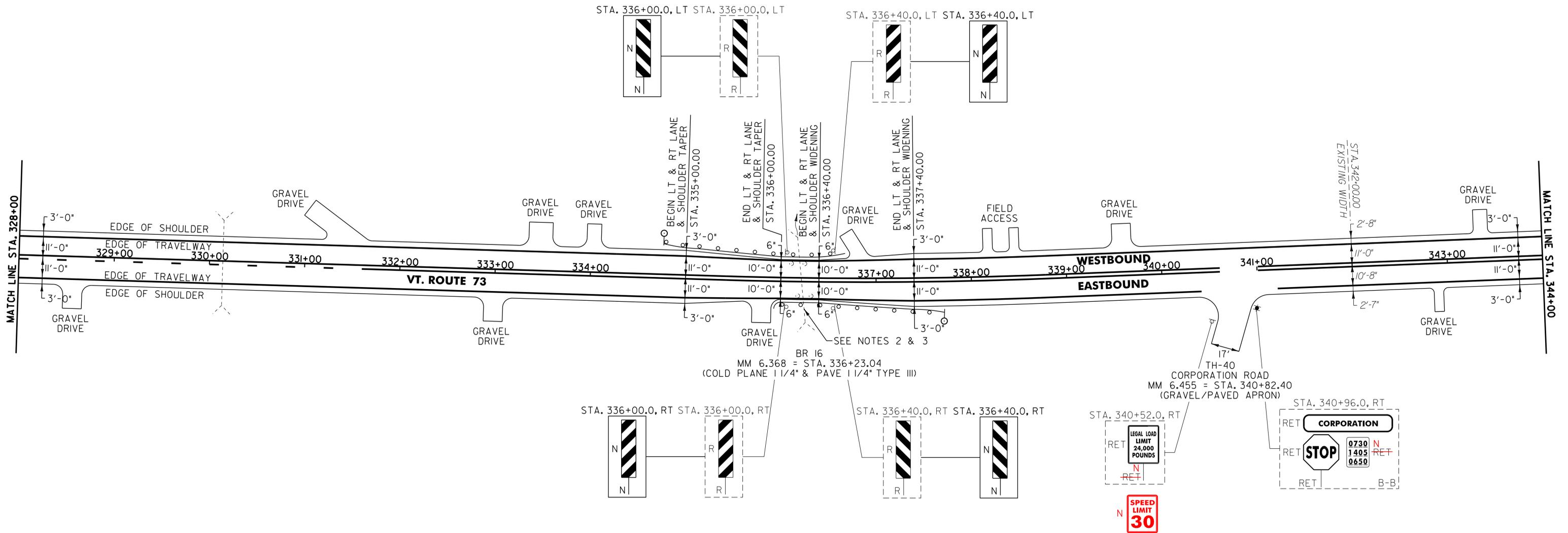
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 328+00.00 - STA. 344+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
STA. 328+00.00 - STA. 331+60.00 LT Q RT  
STA. 328+00.00 - STA. 331+60.00 S - D  
STA. 331+60.00 - STA. 344+00.00 S - S

675.50 REMOVING SIGNS  
AS SHOWN - 4



621.60 ANCHOR FOR STEEL BEAM RAIL

ROCHESTER:  
STA. 336+00.0 RT  
STA. 336+62.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
STA. 335+72.0 - STA. 336+02.0 LT (30.0 LF)  
STA. 336+00.0 - STA. 336+09.0 RT (9.0 LF)  
STA. 336+33.3 - STA. 336+64.0 LT (30.7 LF)  
STA. 336+40.3 - STA. 336+64.0 RT (23.7 LF)

676.10 DELINEATOR WITH STEEL POST

∅ TYPE I WHITE

ROCHESTER:  
STA. 334+77.0 LT  
STA. 337+71.5 RT

~~621.50~~ ~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)~~ /GALVANIZED

ROCHESTER:  
STA. 334+77.0 - STA. 335+14.5 LT  
STA. 337+34.0 - STA. 337+71.5 RT

~~621.20~~ ~~900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)~~ GALVANIZED

ROCHESTER:  
STA. 335+14.5 - STA. 335+77.0 LT (62.5 LF)  
STA. 336+71.5 - STA. 337+34.0 RT (62.5 LF)

~~621.21~~ ~~900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING)~~ GALVANIZED

ROCHESTER:  
STA. 335+77.0 - STA. 336+02.0 LT (32.5 LF)  
STA. 335+94.5 - STA. 336+09.0 RT (14.5 LF)  
STA. 336+33.3 - STA. 336+66.5 LT (33.3 LF)  
STA. 336+40.3 - STA. 336+71.5 RT (41.3 LF)

SIGN LEGEND

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

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 73 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SEE SHEETS 48 AND 51 FOR BR 16 DETAILS. SEE SHEET 54 FOR BRIDGE CURB REPAIR DETAILS.
- THERE ARE FOUR EXISTING DRAINAGE STRUCTURES LOCATED ALONG THE EASTBOUND AND WESTBOUND CURB LINES ON BR 16. HEIGHT ADJUSTMENTS OR REHABILITATIONS WILL NOT BE REQUIRED.

NOT TO SCALE

**PROJECT LAYOUT SHEET #22**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i22.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 34 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 344+00.00 - STA. 360+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

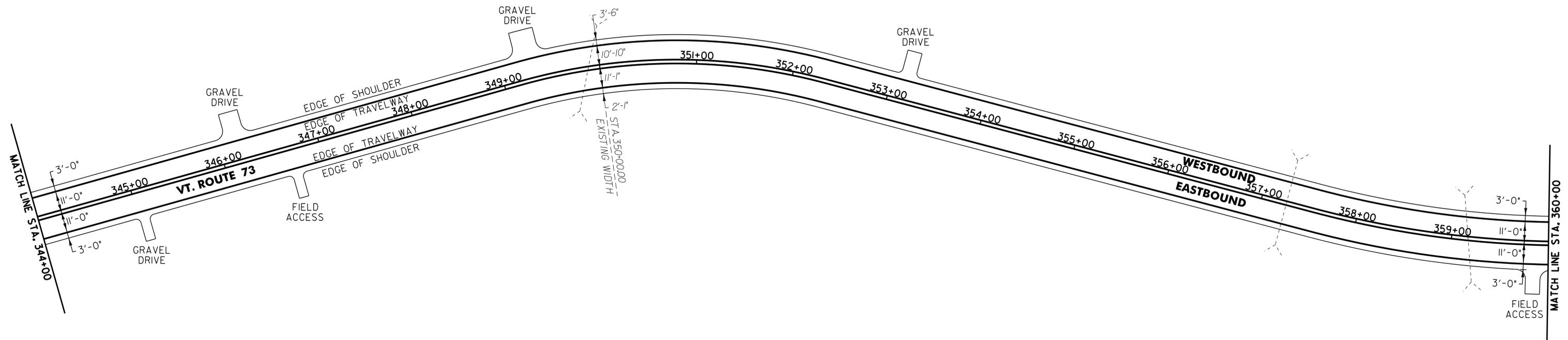
ROCHESTER:  
 STA. 344+00.00 - STA. 360+00.00 LT QL RT  
 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 344+00.00 - STA. 360+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
 STA. 344+00.00 - STA. 360+00.00 LT QL RT  
 S - S



NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #23**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046123.i	SHEET 35 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 360+00.00 - STA. 376+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

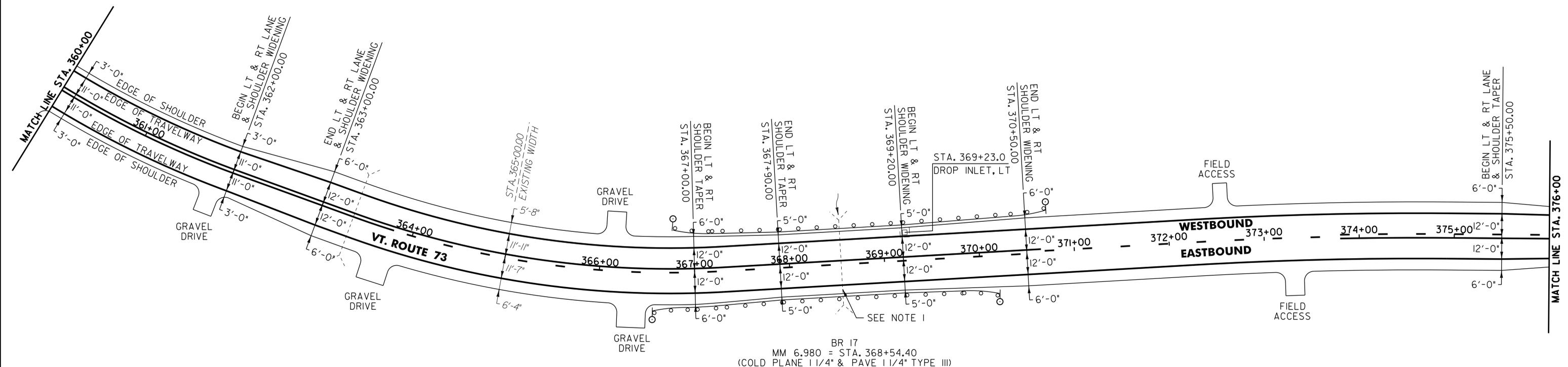
ROCHESTER:	LT	☉	RT
STA. 360+00.00 - STA. 363+80.00	S	-	S
STA. 363+80.00 - STA. 370+65.00	S	-	D
STA. 370+65.00 - STA. 373+80.00	-	D	-
STA. 373+80.00 - STA. 376+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 360+00.00 - STA. 376+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:	LT	☉	RT
STA. 360+00.00 - STA. 363+80.00	S	-	S
STA. 363+80.00 - STA. 370+65.00	S	-	D
STA. 370+65.00 - STA. 373+80.00	-	D	-
STA. 373+80.00 - STA. 376+00.00	D	-	S



BR 17  
 MM 6.980 = STA. 368+54.40  
 (COLD PLANE 1 1/4" & PAVE 1 1/4" TYPE III)

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

ROCHESTER:  
 STA. 369+23.0 LT

616.35 TREATED TIMBER CURB

ROCHESTER:  
 STA. 369+10.0 - STA. 369+25.0 LT (15.0 LF)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

ROCHESTER:  
 STA. 366+87.5 - STA. 367+50.0 RT (62.5 LF)  
 STA. 367+16.0 - STA. 367+41.0 LT (25.0 LF)  
 STA. 369+69.0 - STA. 369+81.5 RT (12.5 LF)  
 STA. 369+60.0 - STA. 370+35.0 LT (75.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

ROCHESTER:  
 STA. 366+50.0 - STA. 366+87.5 RT  
 STA. 366+78.5 - STA. 367+16.0 LT  
 STA. 369+81.5 - STA. 370+19.0 RT  
 STA. 370+35.0 - STA. 370+72.5 LT

621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I

ROCHESTER:  
 STA. 367+41.0 - STA. 367+91.0 LT  
 STA. 367+50.0 - STA. 368+00.0 RT  
 STA. 369+10.0 - STA. 369+60.0 LT  
 STA. 369+19.0 - STA. 369+69.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 366+53.0 - STA. 368+00.0 RT (147.0 LF)  
 STA. 366+90.0 - STA. 367+91.0 LT (101.0 LF)  
 STA. 369+10.0 - STA. 370+61.0 LT (151.0 LF)  
 STA. 369+19.0 - STA. 370+20.0 RT (101.0 LF)

676.10 DELINEATOR WITH STEEL POST

☉ TYPE I WHITE

ROCHESTER:  
 STA. 366+50.0 RT  
 STA. 366+78.5 LT  
 STA. 370+19.0 RT  
 STA. 370+72.5 LT

NOTE:  
 I. SEE SHEET 52 FOR BR 17 DETAILS.

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #24**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046(24).i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 36 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 376+00.00 - STA. 392+00.00

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
STA. 376+00.00 - STA. 381+50.00 D - S  
STA. 381+50.00 - STA. 392+00.00 S - S  
STA. 386+17.92 DOUBLE SOLID LT, TH-3I

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 376+00.00 - STA. 392+00.00

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT Q RT  
STA. 376+00.00 - STA. 381+50.00 D - S  
STA. 381+50.00 - STA. 392+00.00 S - S  
STA. 386+17.92 DOUBLE SOLID LT, TH-3I

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
ROCHESTER:  
STA. 386+17.92 LT, "S,T,O,P" (4 EA)

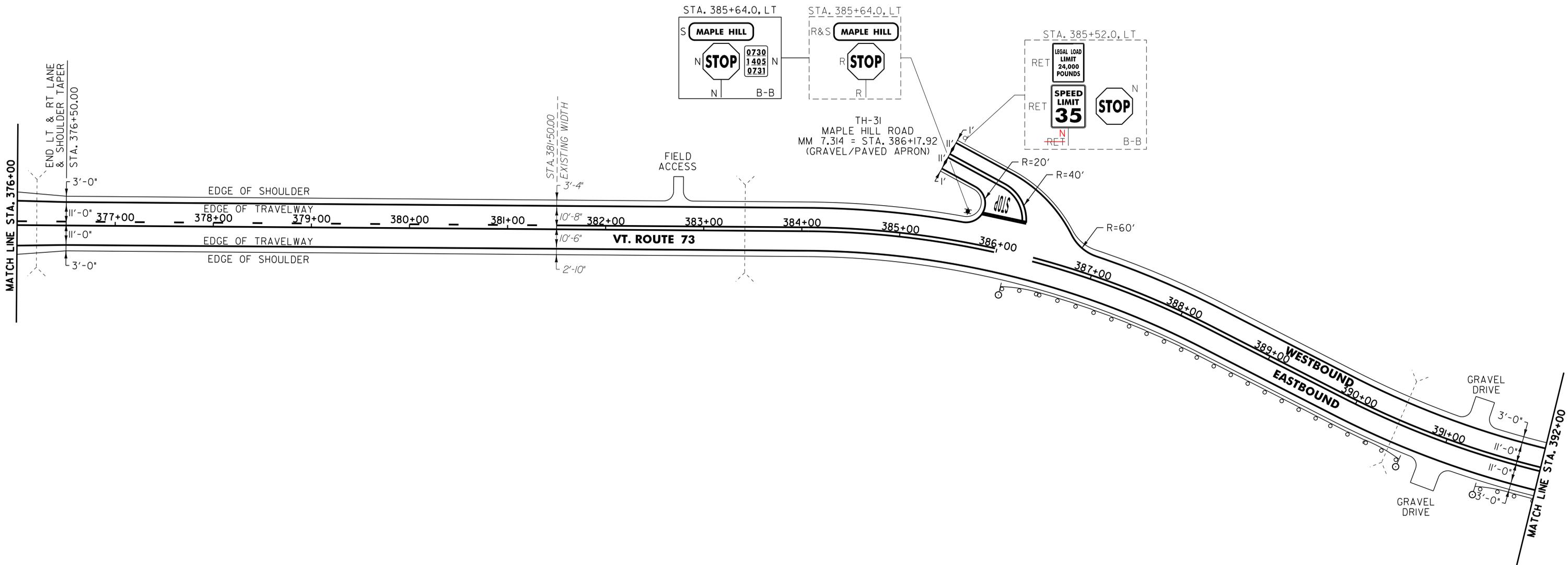
646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
ROCHESTER:  
STA. 386+17.92 LT, "S,T,O,P" (4 EA)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC  
ROCHESTER:  
STA. 386+17.92 LT, TH-3I

646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
ROCHESTER:  
STA. 386+17.92 LT, TH-3I

675.50 REMOVING SIGNS  
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS  
AS SHOWN - 1



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
STA. 386+49.0 - STA. 390+62.0 RT (413.0 LF)  
STA. 391+73.0 - STA. 392+00.0 RT (27.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE I WHITE

ROCHESTER:  
STA. 386+12.0 RT  
STA. 390+62.0 RT  
STA. 391+42.5 RT

~~621.50~~ /GALVANIZED  
~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)~~

ROCHESTER:  
STA. 386+12.0 - STA. 386+49.5 RT  
STA. 390+24.5 - STA. 390+62.0 RT  
STA. 391+42.5 - STA. 391+80.0 RT

~~621.20~~ GALVANIZED  
~~900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)~~

ROCHESTER:  
STA. 386+49.5 - STA. 390+24.5 RT (375.0 LF)  
STA. 391+80.0 - STA. 392+00.0 RT (20.0 LF)

SIGN LEGEND

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

NOTE:

I. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 73 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

**PROJECT LAYOUT SHEET #25**

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046i25.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 37 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 392+00.00 - STA. 408+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
STA. 392+00.00 - STA. 408+00.00 LT Q RT  
STA. 397+00.32 DOUBLE SOLID LT, TH-33

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

ROCHESTER:  
STA. 397+00.32 LT, "S,T,O,P" (4 EA), TH-33

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

ROCHESTER:  
STA. 397+00.32 LT, "S,T,O,P" (4 EA), TH-33

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 392+00.00 - STA. 408+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
STA. 392+00.00 - STA. 408+00.00 LT Q RT  
STA. 397+00.32 DOUBLE SOLID LT, TH-33

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

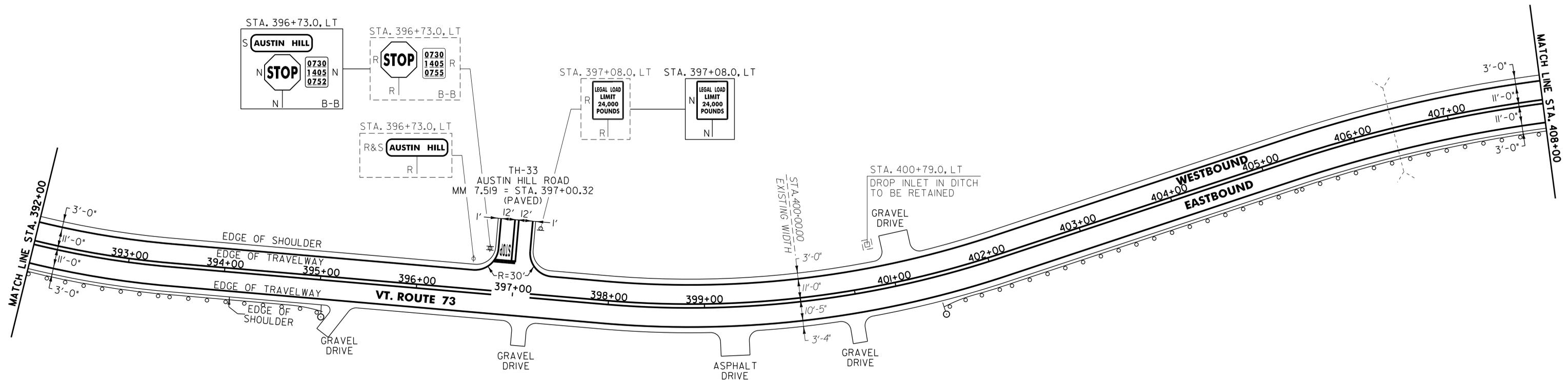
ROCHESTER:  
STA. 397+00.32 LT, TH-33

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

ROCHESTER:  
STA. 397+00.32 LT, TH-33

675.50 REMOVING SIGNS  
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS  
AS SHOWN - 1



621.20 STEEL BEAM GUARDRAIL, GALVANIZED  
ROCHESTER:  
STA. 401+80.5 - STA. 408+00.0 RT (619.5 LF)  
621.50 MANUFACTURED TERMINAL SECTION, FLARED  
ROCHESTER:  
STA. 401+43.0 - STA. 401+80.5 RT  
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
ROCHESTER:  
STA. 392+00.0 - STA. 395+05.0 RT (305.0 LF)  
STA. 403+33.0 - STA. 408+00.0 RT (467.0 LF)

676.10 DELINEATOR WITH STEEL POST  
Ø TYPE I WHITE  
ROCHESTER:  
STA. 395+05.0 RT  
STA. 401+43.0 RT  
621.50 ~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED /WEATHERING)~~ GALVANIZED  
ROCHESTER:  
STA. 394+67.5 - STA. 395+05.0 RT  
621.20 ~~900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)~~ GALVANIZED  
ROCHESTER:  
STA. 392+00.0 - STA. 394+67.5 RT (267.5 LF)

/GALVANIZED

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

NOTE:  
1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 73 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

<p><b>NOT TO SCALE</b></p> <p><b>PROJECT LAYOUT SHEET #26</b></p>	<p>PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER</p> <p>PROJECT NUMBER: SIP_2505(1)S</p>
	<p>FILE NAME: p05c046.dgn</p> <p>DESIGNED BY: J.S.P.</p> <p>IPARM FILE: p05c046i26.i</p>

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 408+00.00 - STA. 424+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

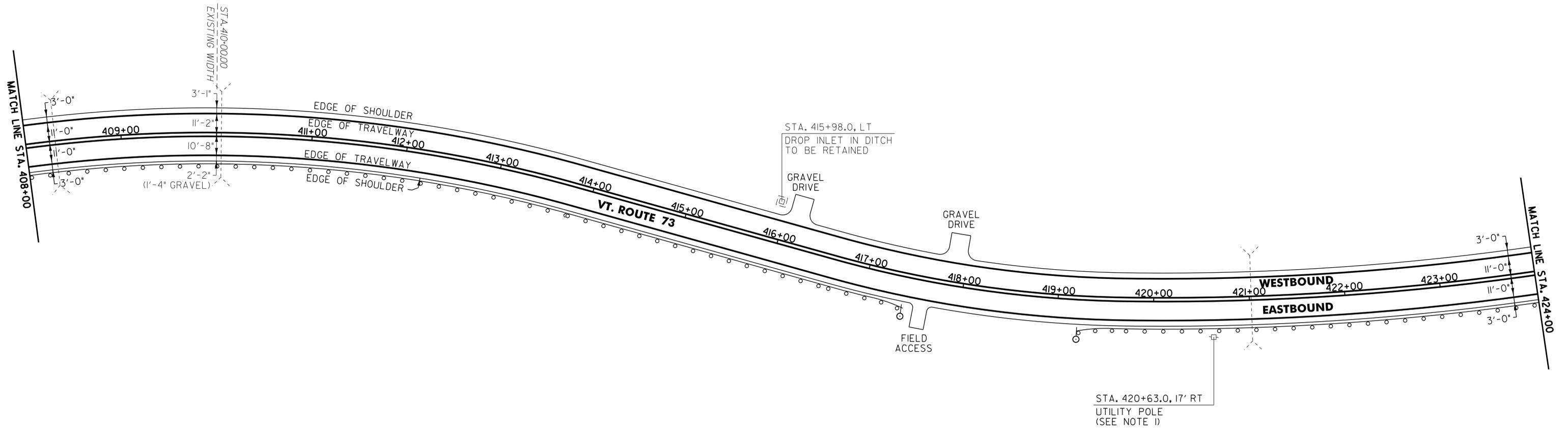
ROCHESTER: LT QL RT  
 STA. 408+00.00 - STA. 424+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
 STA. 408+00.00 - STA. 424+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR  
 TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT QL RT  
 STA. 408+00.00 - STA. 424+00.00 S - S



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

ROCHESTER:  
 STA. 408+00.0 - STA. 417+05.5 RT (905.5 LF)  
 STA. 419+58.5 - STA. 424+00.0 RT (461.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

ROCHESTER:  
 STA. 417+05.5 - STA. 417+43.0 RT  
 STA. 419+21.0 - STA. 419+58.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
 STA. 408+00.0 - STA. 417+43.0 RT (943.0 LF)  
 STA. 420+55.0 - STA. 424+00.0 RT (345.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE 1 WHITE

ROCHESTER:  
 STA. 417+43.0 RT  
 STA. 419+21.0 RT

NOTE:

1. SEE SHEET 55 FOR REDUCED STEEL BEAM GUARDRAIL  
 POST SPACING AT UTILITY POLE DETAIL.

NOT TO SCALE

**PROJECT  
 LAYOUT  
 SHEET #27**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046i27.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 39 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 424+00.00 - STA. 440+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER:  
STA. 424+00.00 - STA. 440+00.00 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

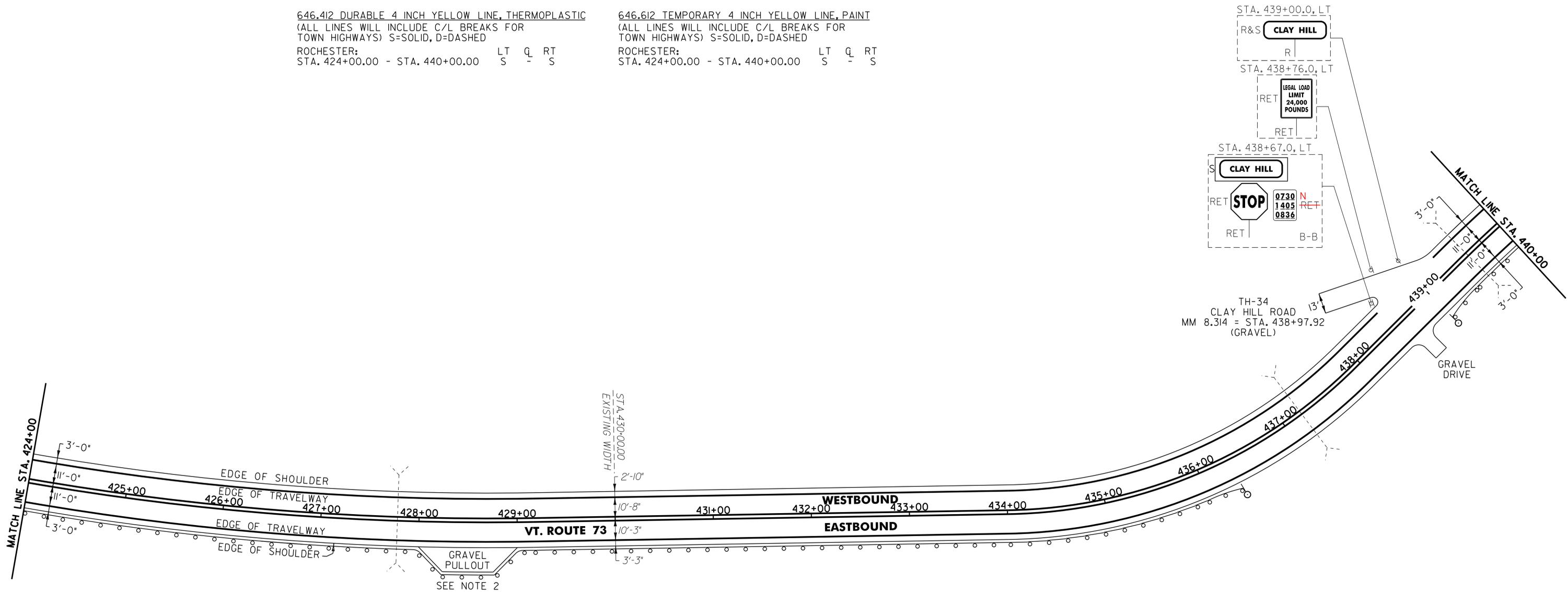
ROCHESTER:  
STA. 424+00.00 - STA. 440+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

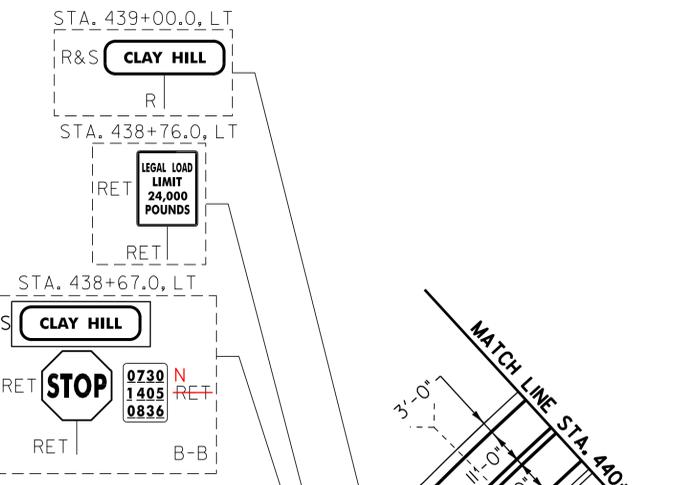
ROCHESTER:  
STA. 424+00.00 - STA. 440+00.00 S - S

675.50 REMOVING SIGNS  
AS SHOWN - I

675.60 ERECTING SALVAGED SIGNS  
AS SHOWN - I



TH-34  
CLAY HILL ROAD  
MM 8.314 = STA. 438+97.92  
(GRAVEL)



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

ROCHESTER:  
STA. 424+00.0 - STA. 435+96.0 RT (1196.0 LF)  
STA. 439+37.5 - STA. 440+00.0 RT (62.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

ROCHESTER:  
STA. 435+96.0 - STA. 436+33.5 RT  
STA. 439+00.0 - STA. 439+37.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
STA. 424+00.0 - STA. 436+20.0 RT (1220.0 LF)  
STA. 439+37.0 - STA. 440+00.0 RT (63.0 LF)

676.10 DELINEATOR WITH STEEL POST

○ TYPE I WHITE  
ROCHESTER:  
STA. 436+33.5 RT  
STA. 439+00.0 RT

SIGN LEGEND

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

NOTES:

- PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 73 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- PROVIDE A 5 FT WIDE, 1 1/2" TYPE III APRON FOR THE EXISTING GRAVEL PULLOUT, ANY REQUIRED EXCAVATION AND GRADING SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S).

NOT TO SCALE

PROJECT LAYOUT SHEET #28

PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER

PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn

PROJECT LEADER: D.E.G.

DESIGNED BY: J.S.P.

IPARM FILE: p05c046128.i

PLOT DATE: \$DATE\$

DRAWN BY: C.A.K.

CHECKED BY: D.E.G.

SHEET 40 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 440+00.00 - STA. 456+00.00 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT QL RT  
STA. 440+00.00 - STA. 456+00.00 S - S

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

ROCHESTER:  
STA. 455+08.8 RT, "S,T,O,P" (4 EA)  
STA. 455+49.2 RT, "A,H,E,A,D" (5 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

ROCHESTER:  
STA. 455+08.8 RT, "S,T,O,P" (4 EA)  
STA. 455+49.2 RT, "A,H,E,A,D" (5 EA)

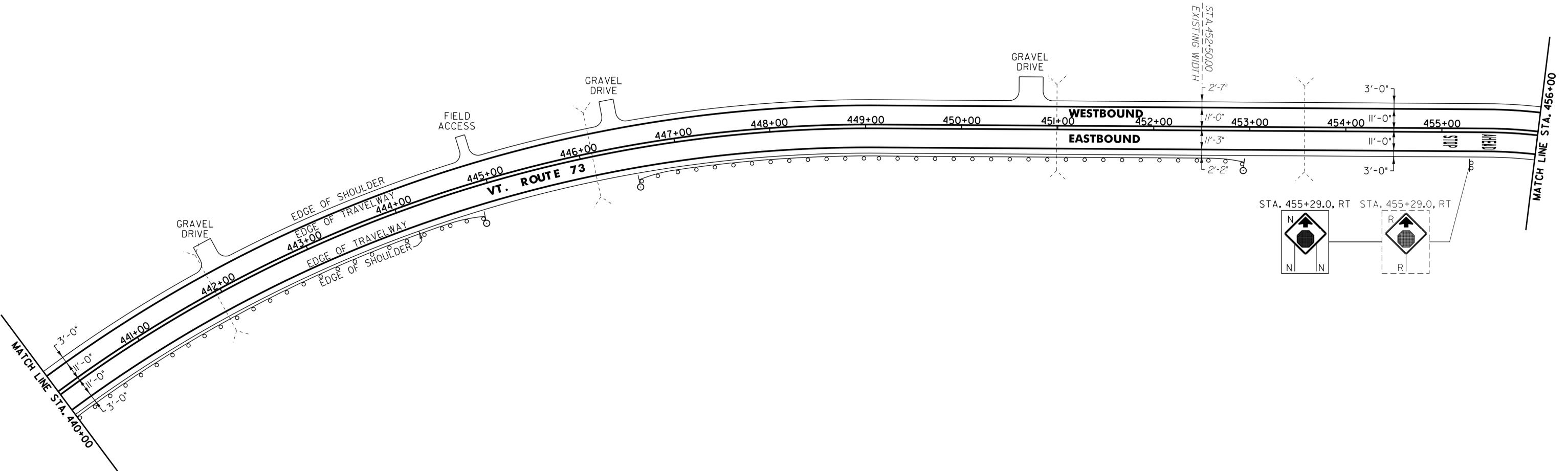
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)

ROCHESTER:  
STA. 440+00.00 - STA. 456+00.00 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

ROCHESTER: LT QL RT  
STA. 440+00.00 - STA. 456+00.00 S - S

675.50 REMOVING SIGNS  
AS SHOWN - 1



621.20 STEEL BEAM GUARDRAIL, GALVANIZED

ROCHESTER:  
STA. 440+00.0 - STA. 444+50.0 RT (450.0 LF)  
STA. 446+94.5 - STA. 452+57.0 RT (562.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED

ROCHESTER:  
STA. 444+50.0 - STA. 444+87.5 RT  
STA. 446+57.0 - STA. 446+94.5 RT  
STA. 452+57.0 - STA. 452+94.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

ROCHESTER:  
STA. 440+00.0 - STA. 444+06.0 RT (406.0 LF)  
STA. 448+83.0 - STA. 451+68.0 RT (285.0 LF)

676.10 DELINEATOR WITH STEEL POST

♀ TYPE 1 WHITE  
ROCHESTER:  
STA. 444+87.5 RT  
STA. 446+57.0 RT  
STA. 452+94.5 RT

SIGN LEGEND

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

NOT TO SCALE

**PROJECT LAYOUT SHEET #29**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046129.i

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 41 OF 56

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)  
 ROCHESTER:  
 STA. 456+00.00 - STA. 465+48.48 LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED  
 ROCHESTER:  
 STA. 456+00.00 - STA. 465+48.48 LT QL RT  
 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)  
 ROCHESTER:  
 STA. 456+00.00 - STA. 465+48.48 LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED  
 ROCHESTER:  
 STA. 456+00.00 - STA. 465+48.48 LT QL RT  
 S - S

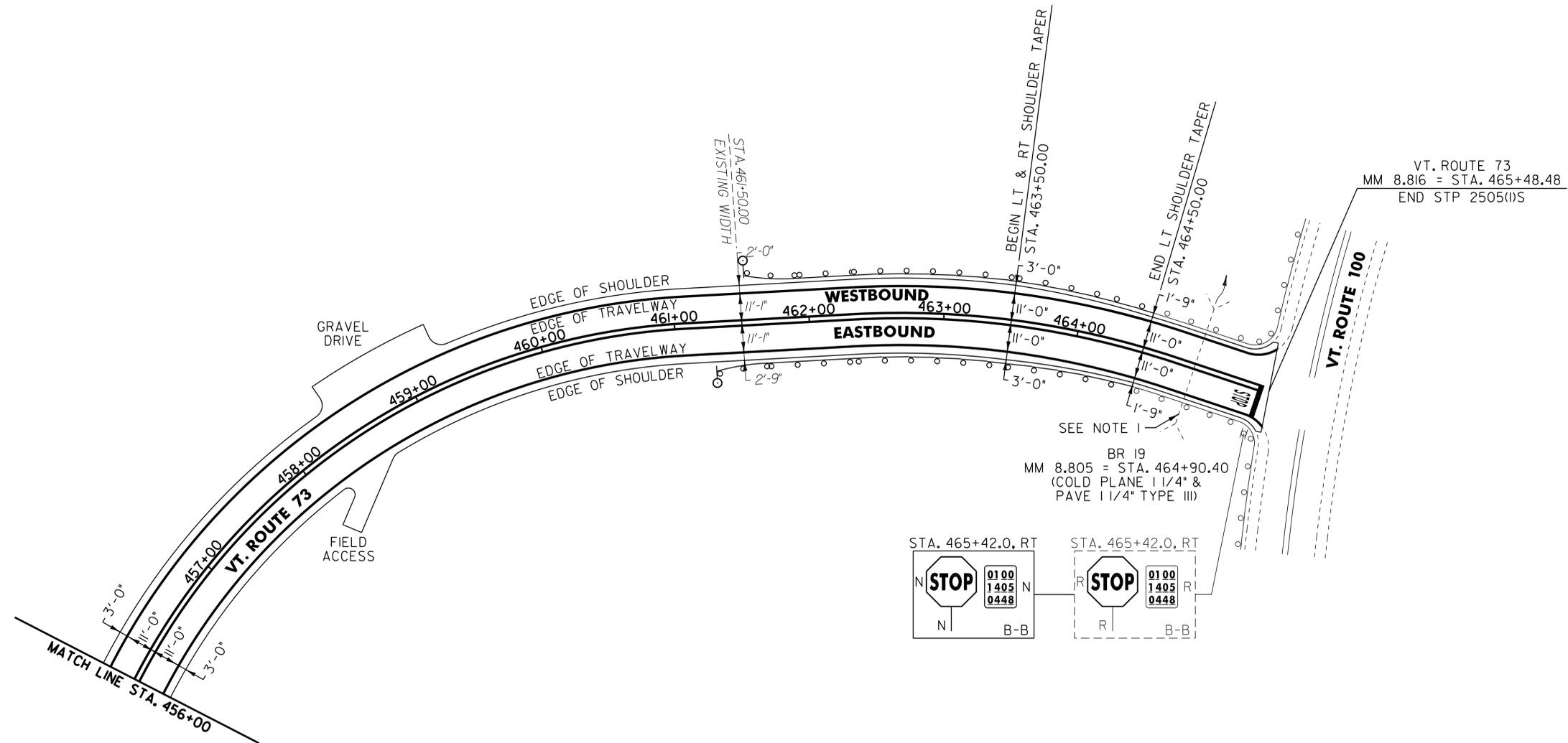
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 ROCHESTER:  
 STA. 465+31.80 RT, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 ROCHESTER:  
 STA. 465+31.80 RT, "S,T,O,P" (4 EA)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC  
 ROCHESTER:  
 STA. 465+41.00 RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
 ROCHESTER:  
 STA. 465+41.00 RT

675.50 REMOVING SIGNS  
 AS SHOWN - 2



621.20 STEEL BEAM GUARDRAIL, GALVANIZED  
 ROCHESTER:  
 STA. 461+60.3 - STA. 464+22.8 RT (262.5 LF)  
 STA. 461+85.3 - STA. 464+22.8 LT (237.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED  
 ROCHESTER:  
 STA. 464+22.8 - STA. 464+47.8 LT (32.5 LF)  
 STA. 464+22.8 - STA. 464+47.8 RT (32.5 LF)

621.51 MANUFACTURED TERMINAL SECTION, TANGENT  
 ROCHESTER:  
 STA. 462+12.5 - STA. 462+62.5 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED  
 ROCHESTER:  
 STA. 461+22.8 - STA. 461+60.3 RT  
 STA. 461+47.8 - STA. 461+85.3 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 ROCHESTER:  
 STA. 462+46.0 - STA. 464+16.5 LT (170.5 LF)  
 STA. 462+97.0 - STA. 464+16.5 RT (119.5 LF)

676.10 DELINEATOR WITH STEEL POST  
 ♀ TYPE I WHITE

ROCHESTER:  
 STA. 461+22.8 RT  
 STA. 461+47.8 LT

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

NOTE:  
 I. SEE SHEET 53 FOR BR 19 DETAILS.

NOT TO SCALE

PROJECT LAYOUT SHEET #30

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(IIS)  
 FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046i30.i  
 PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 42 OF 56

# TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL				SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL		DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											lb/ft		lb/ft		lb/ft		lb/ft		FOUN-DATION	FTG. SIZE		WEIGHT	POST SIZE							
											1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0		4.0 MOD	3.0			3.5	4.0		5.0	24"		

OPTION ITEMS																												
ROCHESTER: 189+97.0, LT		1	6	10	0.42																					SIGN ID CODE VD-700 MOUNT NEW SIGN ON EXISTING STOP SIGN POST.		E-138
ROCHESTER: 0+00.0, RT GOSHEN: 0+00.0, RT		1	6	10	0.42																							
190+00.0, LT									1		X		X		X											SALVAGED SIGN 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.	-	-
189+97 LT		1	6	10	0.42																							
259+18.0, LT																										SALVAGED SIGN 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.	-	-
259+18.0 LT		1	30	30	6.25																					S		
259+90.0, LT		1	12	36	3.00					1		X		X		X										SIGN ID CODE OM-3L		E-107
259+90.0, RT		1	12	36	3.00					1		X		X		X										SIGN ID CODE OM-3R		E-107
260+40.0, LT		1	12	36	3.00					1		X		X		X										SIGN ID CODE OM-3R		E-107
260+40.0, RT		1	12	36	3.00					1		X		X		X										SIGN ID CODE OM-3L		E-107
336+00.0, LT		1	12	36	3.00					1		X		X		X										SIGN ID CODE OM-3L		E-107

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."

<b>TOTALS</b>	SF	SF	EA.	SF		LF	LF	LF	LF	LF	LF	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	32.93	15.42	2			84	84													

**TRAFFIC SIGN SUMMARY SHEET #1**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046+ss01.i

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 43 OF 56

# TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL								
		EA	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		FRONT SIGN	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-ACTION	3.0	3.5		4.0	5.0				FTG. SIZE		WEIGHT	POST SIZE
																																1.2	2.0		
ROCHESTER: 336+00.0, RT		I	12	36	3.00					I		X		X		X													SIGN ID CODE OM-3R	E-107					
336+40.0, LT		I	12	36	3.00					I		X		X		X													SIGN ID CODE OM-3R	E-107					
340+52.0 RT		I	24	30	5.0																														
336+40.0, RT		I	12	36	3.00					I		X		X		X													SIGN ID CODE OM-3L	E-107					
340+96.0 RT		I	6	10	0.42																														
385+64.0, LT		I	6	10	0.42	I				I		X		X		X													SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL SALVAGING TO THE SIGN POST.	-					
340+96.0 RT		I	6	10	0.42	I				I		X		X		X													SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL SALVAGING TO THE SIGN POST.	-					
385+52.0 LT		I	30	30	6.25																								BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700	E-143					
396+73.0, LT		I	6	10	0.42					I		X		X		X													SALVAGED SIGN 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.	-					
397+08.0, LT		I	24	30	5.00					I		X		X		X													SIGN ID CODE VR-014	E-141					
438+67.0, LT		I	6	10	0.42																								SALVAGED SIGN 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	6	10	0.42																														
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	EA	EA	LB									
											84			84																					
											LF	LF				LB	EA	LB				EA	EA	LB											
											84	84																							

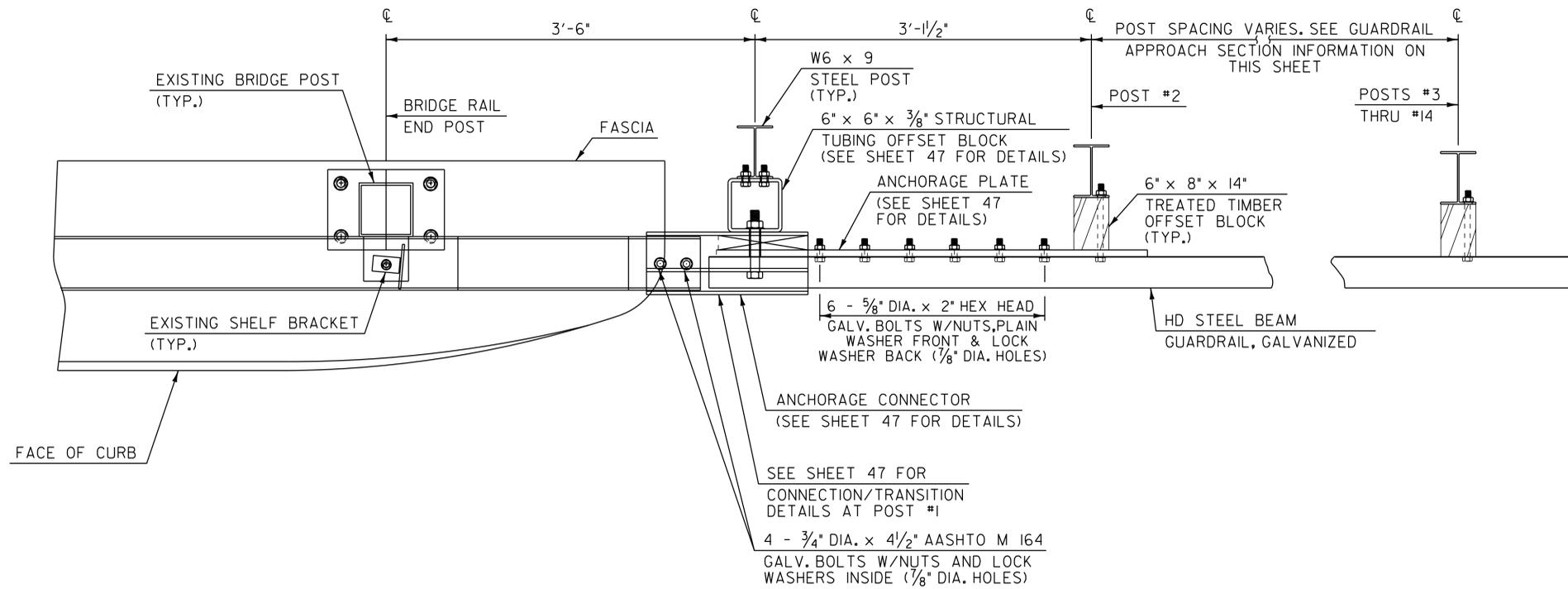
**TRAFFIC SIGN SUMMARY SHEET #2**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046+ss02.i

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 44 OF 56



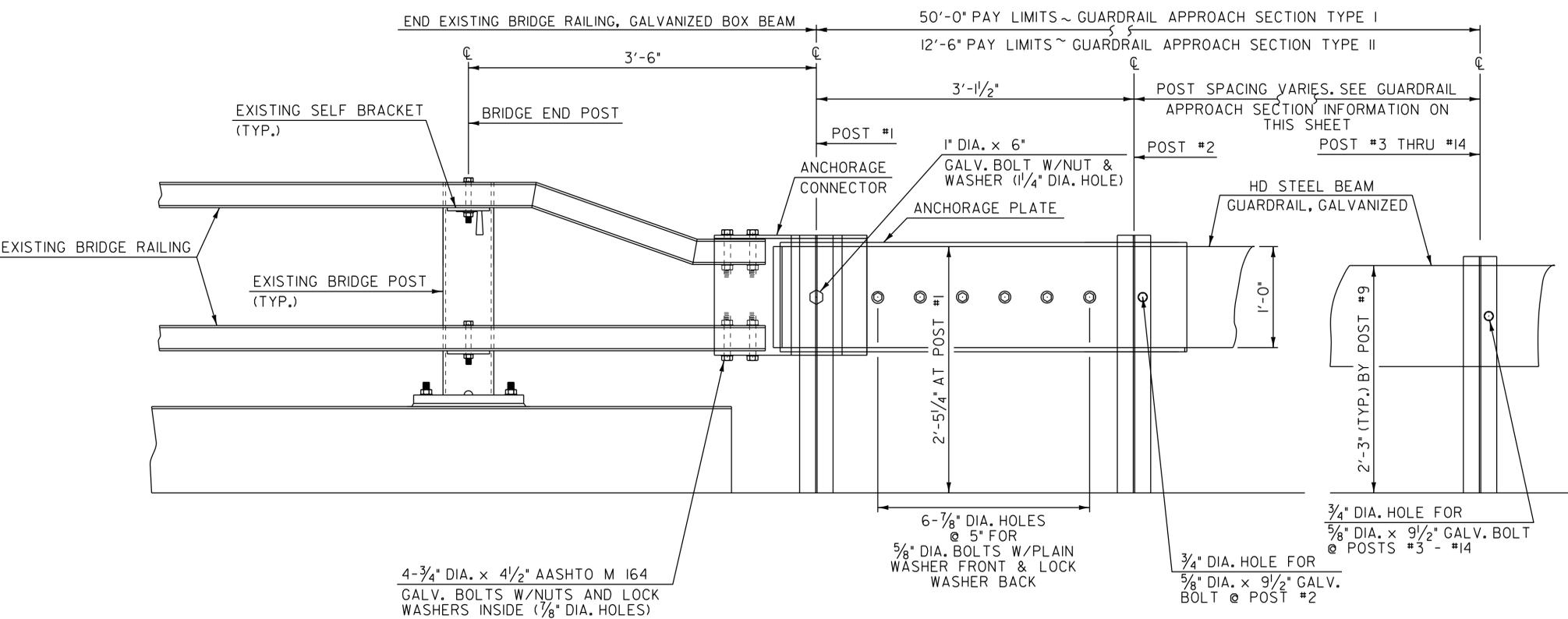


**PLAN**

**GUARDRAIL APPROACH SECTION, 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 LIMIT GUARDRAIL APPROACH SECTION, TYPE I



**ELEVATION GUARDRAIL APPROACH SECTION DETAIL**

**GUARDRAIL APPROACH SECTION, TYPE II**

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

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

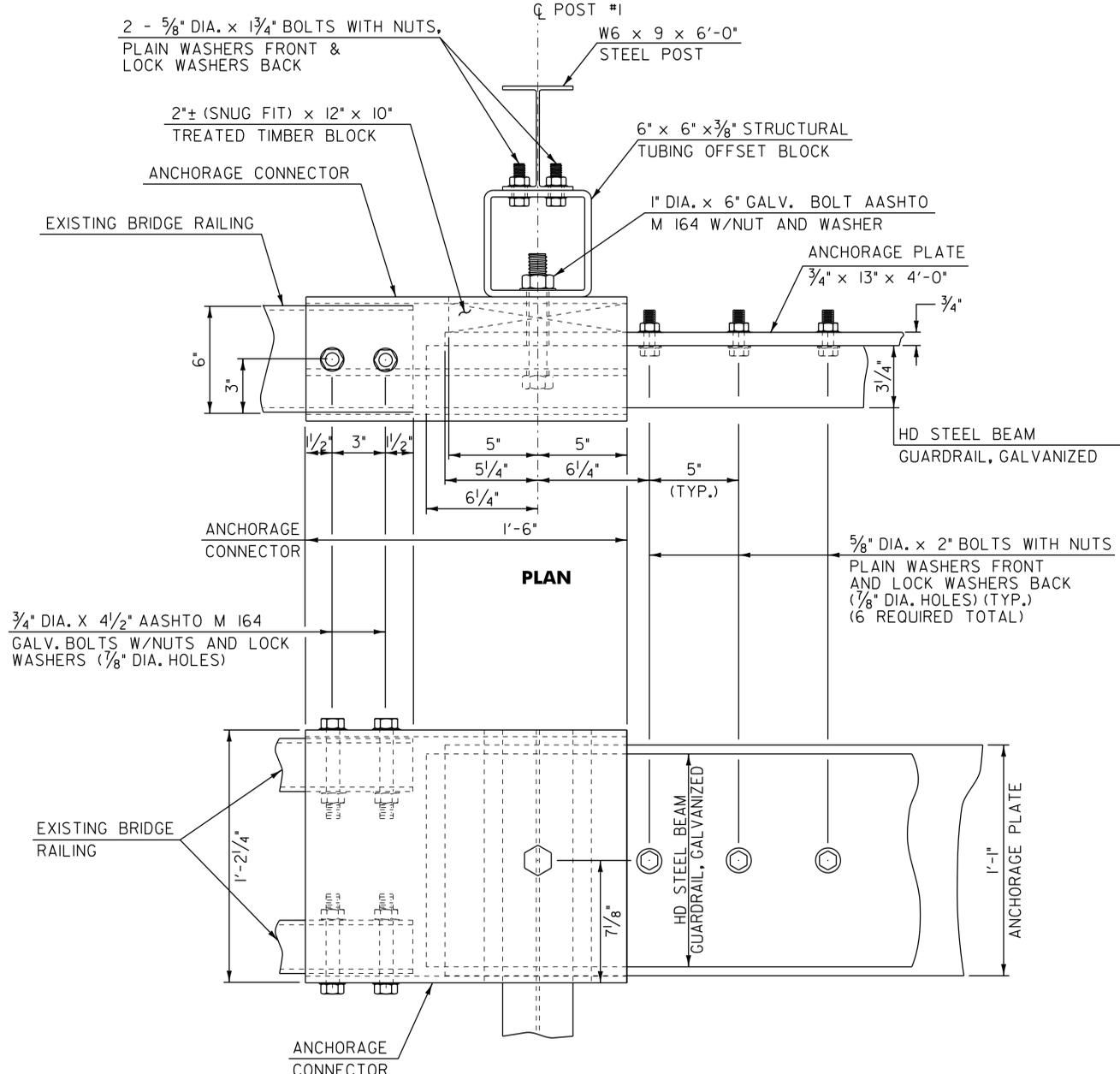
NOT TO SCALE

**GUARDRAIL APPROACH SECTION DETAIL SHEET #1**

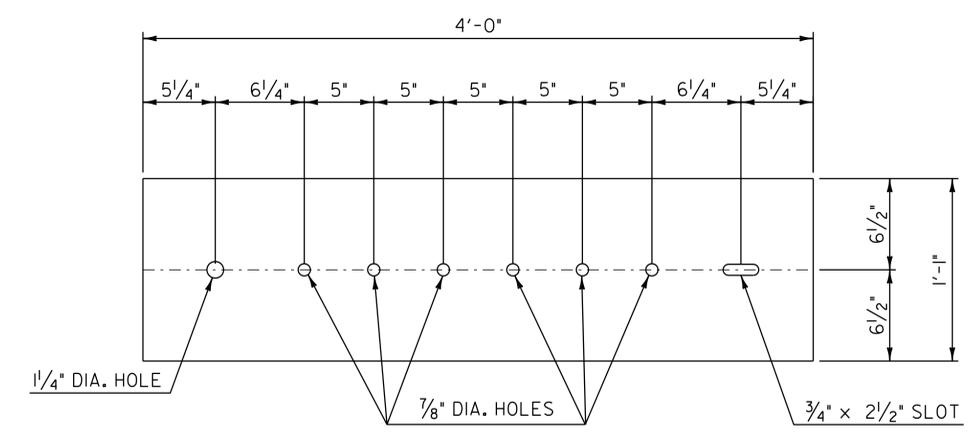
PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046gdl.i

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 46 OF 56



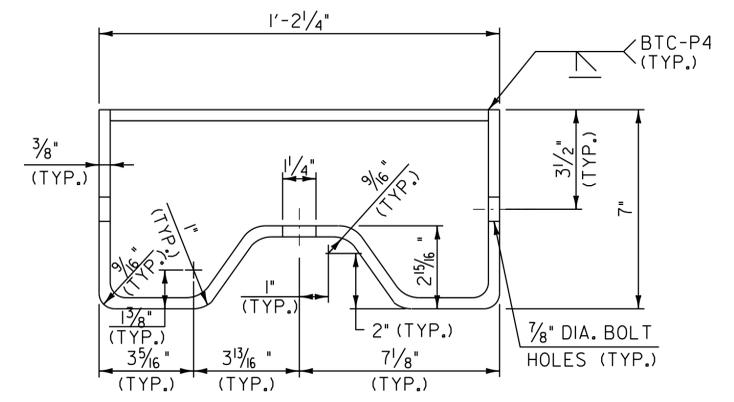
**CONNECTION DETAILS AT POST #1**



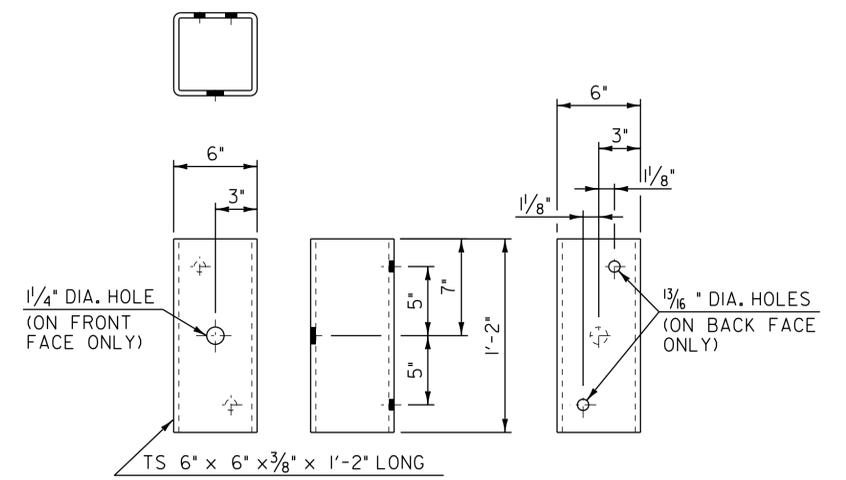
**ANCHORAGE PLATE DETAIL**

**NOTES**

1. REFER TO STANDARD G-1 FOR ADDITIONAL RAIL DETAILS.
2. ALL POSTS FOR HD 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 HD STEEL BEAM FOR 50'-0" FROM THE C<sub>L</sub> OF POST #1 FOR TYPE I AND 12'-6" FROM THE Q<sub>C</sub> OF POST #1 FOR TYPE II.
8. ALLOWABLE DIMENSIONAL TOLERANCE FOR BENT SECTIONS IS ± 1/16".
9. THE CONTRACT 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 #1 WHEN USING APPROACH RAIL UTILIZING STEEL POSTS)

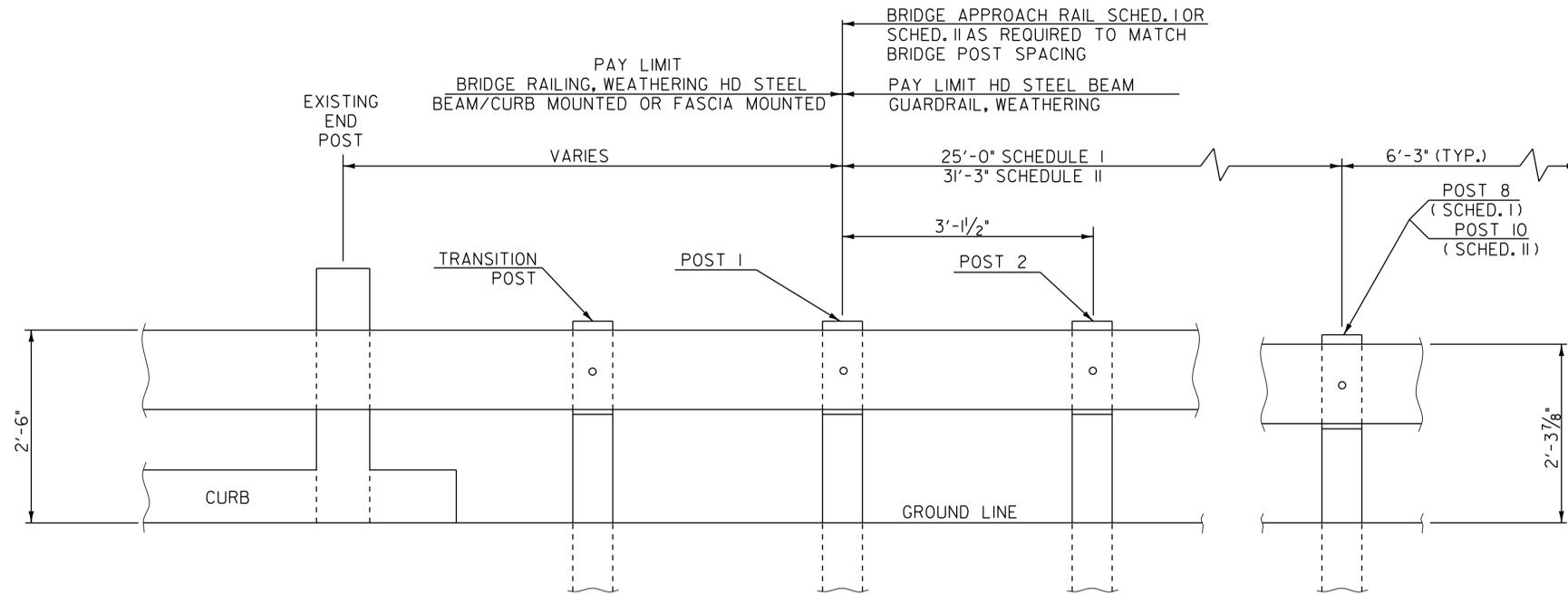
<p><b>NOT TO SCALE</b></p> <p><b>GUARDRAIL APPROACH SECTION DETAIL SHEET #2</b></p>	PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER	PLOT DATE: \$DATE\$
	PROJECT NUMBER: SIP_2505(IIS)	DRAWN BY: C.A.K.
	FILE NAME: p05c046.dgn	CHECKED BY: D.E.G.
	DESIGNED BY: J.S.P.	SHEET 47 OF 56
	IPARM FILE: p05c046gd2.i	

**BRIDGE QUANTITY SHEET**

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	900.640	900.640	REMARKS
				REMOVAL OF EXISTING RAIL LF	BRIDGE RAILING, WEATHERING HD STEEL BEAM/CURB MTD. LF	BRIDGE RAILING, WEATHERING HD STEEL BEAM/FASCIA MTD. LF	
<b>ROCHESTER:</b>							
193+61.0 - 194+04.8	LT	14	8"	43.8	43.8		
193+77.8 - 194+21.5	RT	14	8"	43.8	43.8		
259+90.0 - 260+40.0	LT	15	8"	50		50	
259+90.0 - 260+40.0	RT	15	8"	50		50	
336+02.0 - 336+33.3	LT	16	8"	31.3		31.3	
336+09.0 - 336+40.3	RT	16	8"	31.3		31.3	
ROUNDING				0.8	0.4	0.4	
TOTAL				251	88	163	

**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 3'-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.
- 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.



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	6'-3" (TYP.)	1.0 (TYP.)
PAYMENT LENGTH = 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"	
8	4'-2"	1.2 x 12'-6"
9	4'-2"	
10	4'-2"	
11	6'-3" (TYP.)	1.0 (TYP.)
PAYMENT LENGTH = 41'-3"		

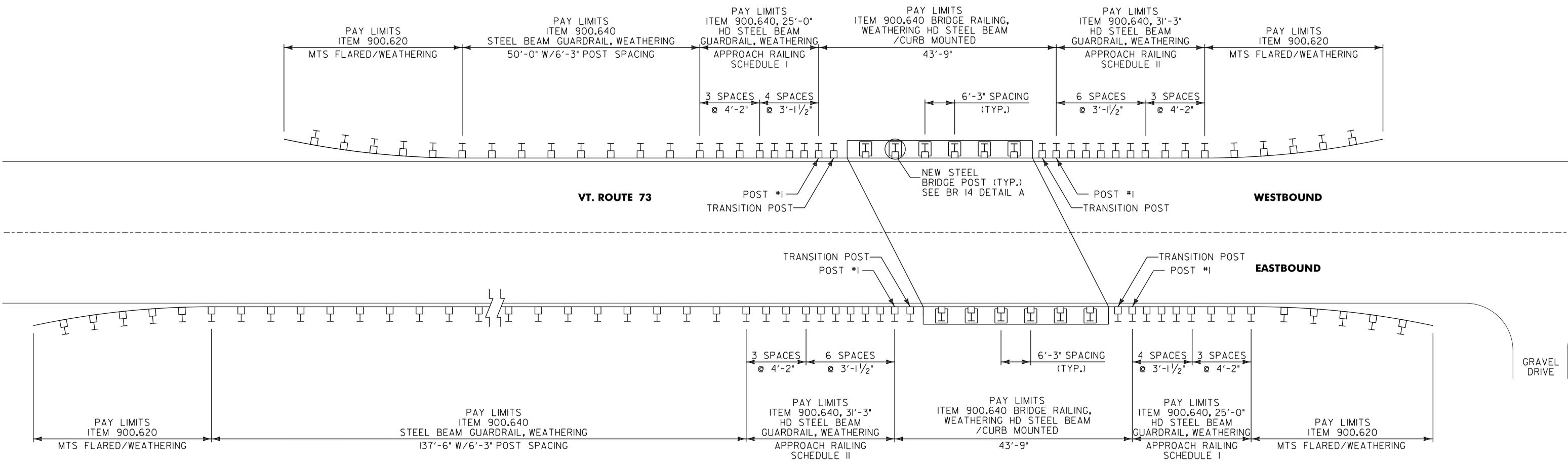
SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1.  
 SCHEDULE II APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST.

**BRIDGE APPROACH RAILING**

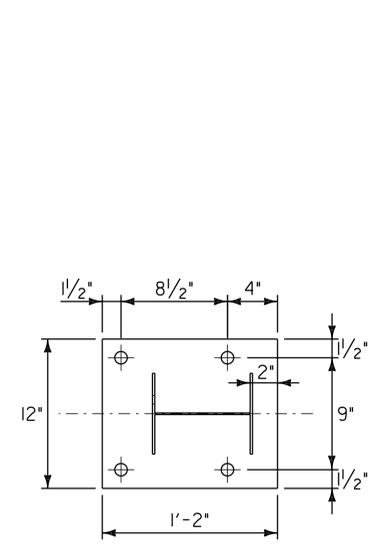
NOT TO SCALE

**BRIDGE  
DETAIL  
SHEET #1**

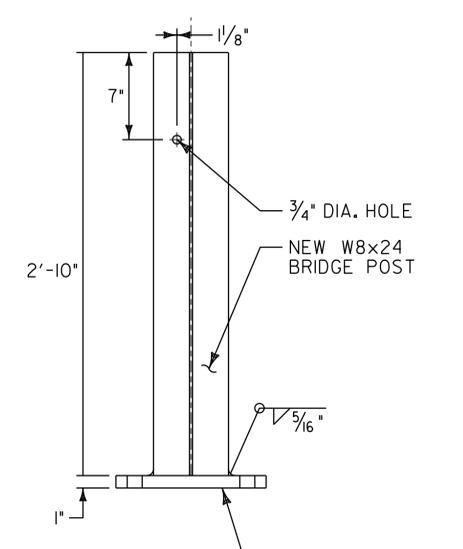
PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S  
 FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046bd01.i  
 PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 48 OF 56



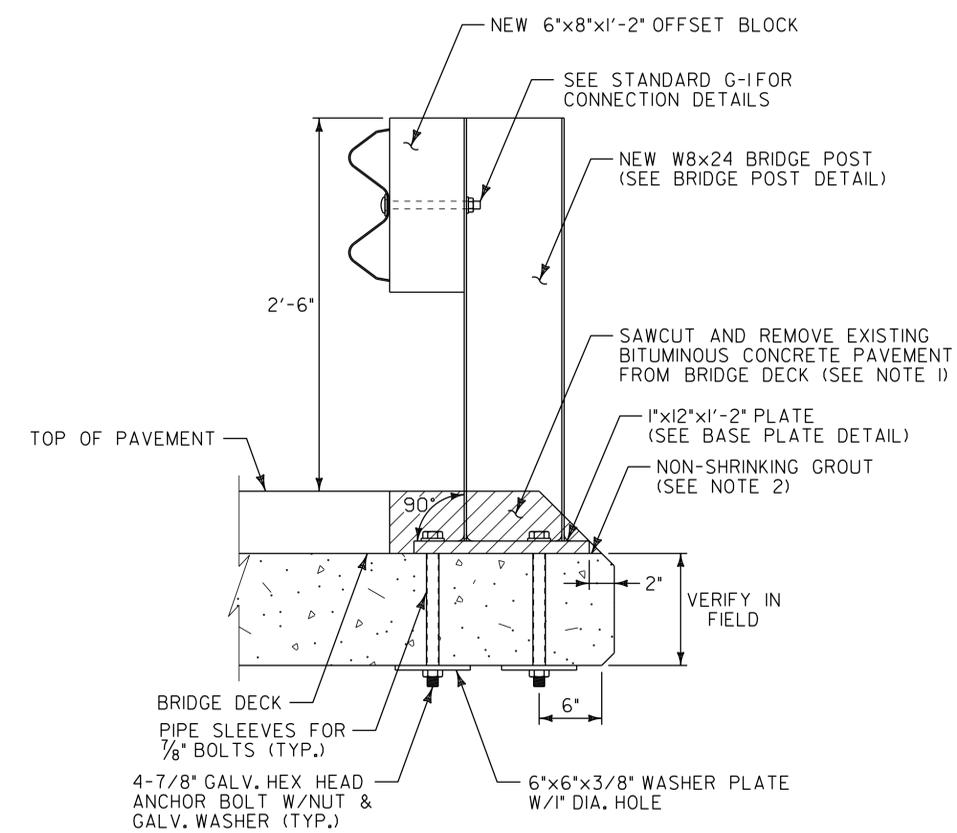
**BR 14 ROCHESTER MM 3.673 = STA. 193+93.44**



**BASE PLATE DETAIL**



**BRIDGE POST DETAIL**



**BR 14 DETAIL A**

- NOTES:
- EXISTING BITUMINOUS CONCRETE PAVEMENT AROUND EXISTING BRIDGE POSTS AND IN PROPOSED POST LOCATIONS SHALL BE SAW CUT AND REMOVED TO THE EXISTING BRIDGE DECK TO FACILITATE REMOVAL AND INSTALLATION OF EXISTING AND PROPOSED POSTS AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE INCIDENTAL TO ITEMS 525.10 AND 900.640.
  - NON-SHRINKING GROUT SHALL CONFORM TO SUBSECTION 707.03 MORTAR TYPE IV OF THE STANDARD SPECIFICATIONS. PACK UNDER BASE PLATE. PAYMENT WILL BE INCIDENTAL TO ITEM 900.640.
  - A MINIMUM PULLOUT STRENGTH OF 30 KIPS SHALL BE ATTAINED ON ALL NEW ANCHOR BOLTS.

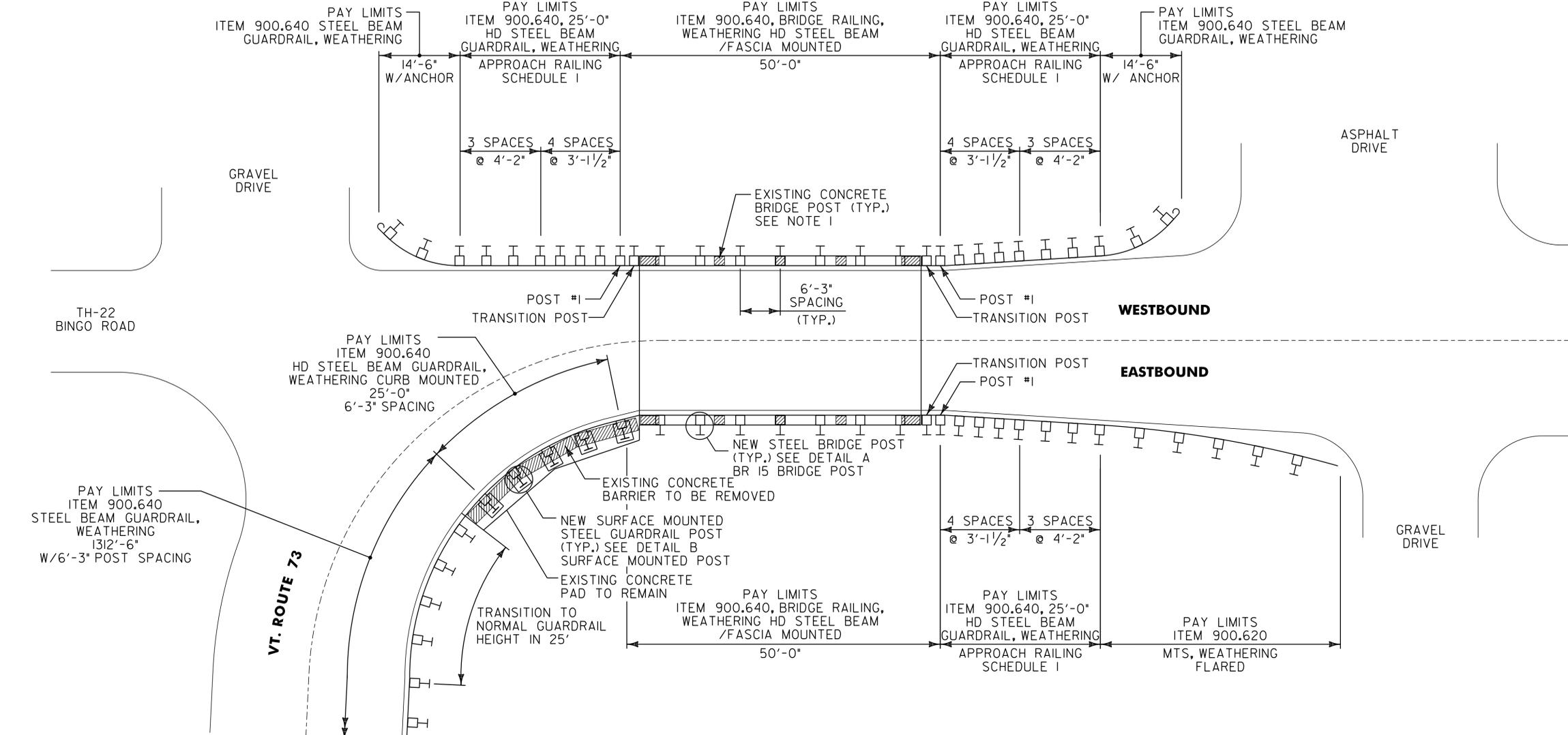
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**BRIDGE DETAIL SHEET #2**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER  
 PROJECT NUMBER: SIP\_2505(1)S

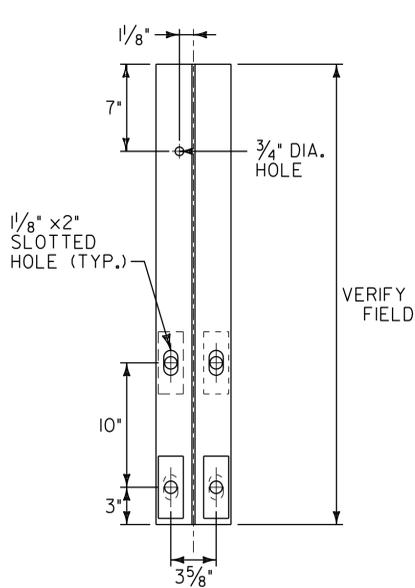
FILE NAME: p05c046.dgn  
 PROJECT LEADER: D.E.G.  
 DESIGNED BY: J.S.P.  
 IPARM FILE: p05c046bd02.i

PLOT DATE: \$DATE\$  
 DRAWN BY: C.A.K.  
 CHECKED BY: D.E.G.  
 SHEET 49 OF 56

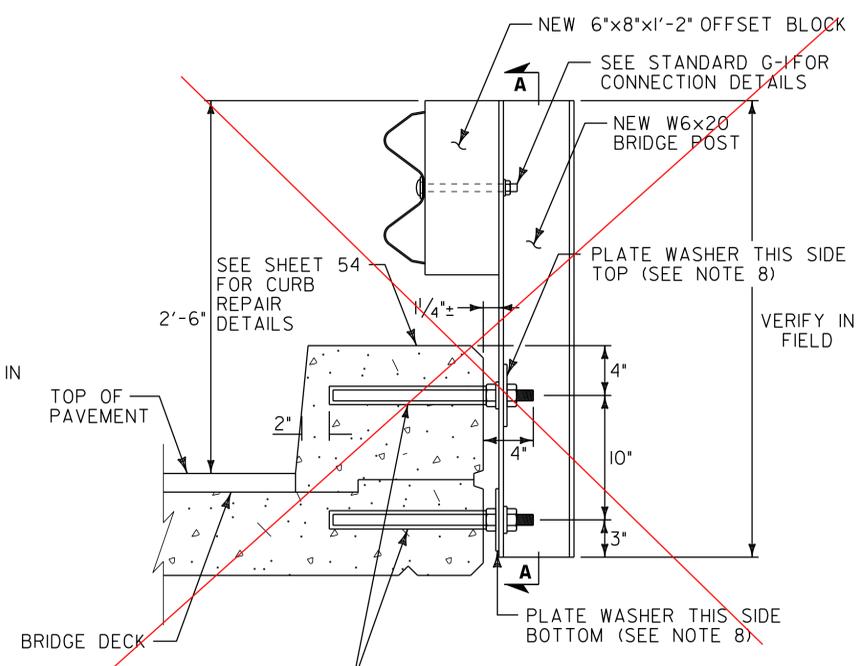


- NOTES:
- EXISTING CONCRETE BRIDGE POSTS TO BE REMOVED. SEE SHEET 54 FOR DETAILS.
  - INSTALL SEVEN NEW FASCIA MOUNTED STEEL BRIDGE POSTS ON EACH SIDE OF BRIDGE. SEE POST DETAILS THIS SHEET. SEE CURB REPAIR DETAILS ON SHEET 54.
  - INSTALL FIVE NEW SURFACE MOUNTED POSTS ON EXISTING CONCRETE PAD. SEE POST DETAILS THIS SHEET. PAYMENT SHALL BE MADE UNDER ITEM 900.640 HD STEEL BEAM GUARDRAIL, WEATHERING/CURB MOUNTED.
  - NON-SHRINKING GROUT SHALL CONFORM TO SUBSECTION 707.03 MORTAR TYPE IV OF THE STANDARD SPECIFICATIONS. PACK UNDER BASE PLATE. PAYMENT WILL BE INCIDENTAL TO ITEM 900.640 HD STEEL BEAM GUARDRAIL, WEATHERING /CURB MOUNTED.
  - NEW ASTM A-449 7/8" DIAMETER ANCHOR BOLTS FOR FASCIA MOUNTED POSTS SHALL BE FURNISHED EACH WITH TWO NUTS, ONE PLATE WASHER AND ONE STANDARD WASHER.
  - NEW ASTM A-449 7/8" DIAMETER ANCHOR BOLTS FOR SURFACE MOUNTED POSTS SHALL BE FURNISHED EACH WITH ONE NUT AND ONE WASHER.
  - REMOVAL OF EXISTING CONCRETE BARRIER SHALL BE CONSIDERED INCIDENTAL TO ITEM 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL.
  - SEE STANDARD SHEET SB-R6-82 FOR ADDITIONAL DETAILS.

**BR 15 ROCHESTER MM 4.927 = STA. 260+14.56**

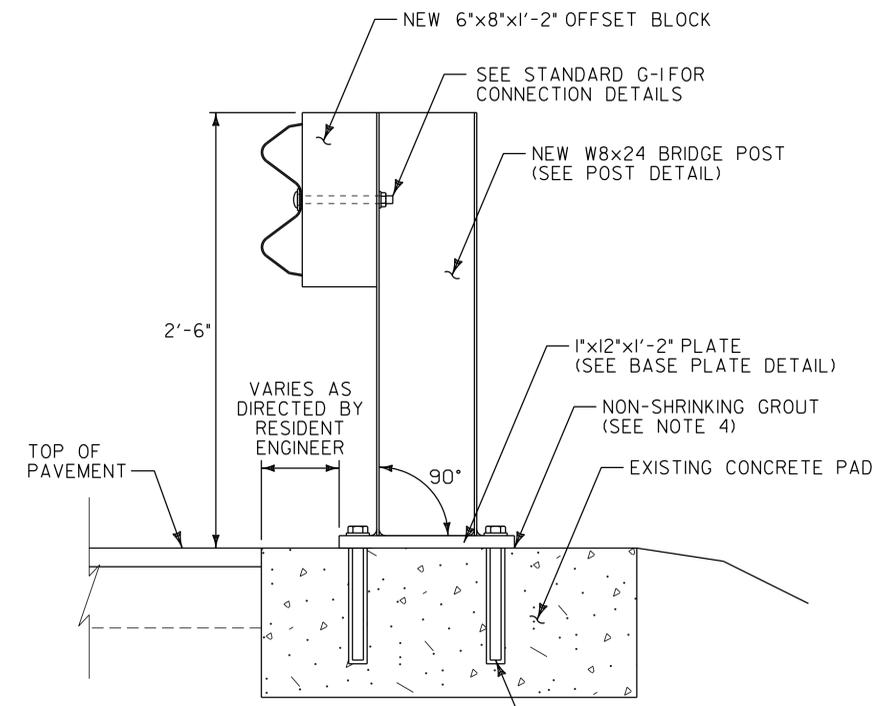


**SECTION A-A**

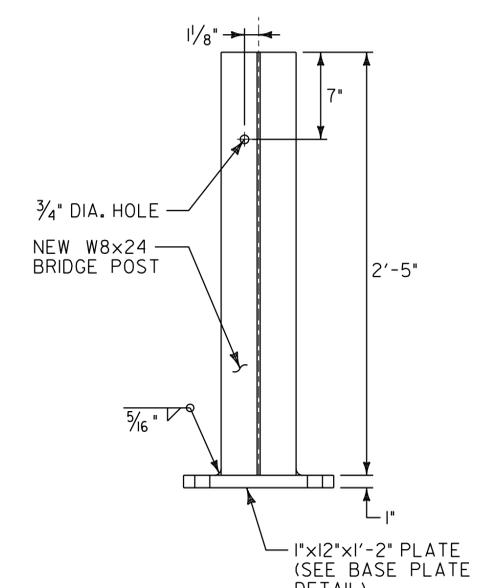


**DETAIL A  
BR 15 BRIDGE POST**

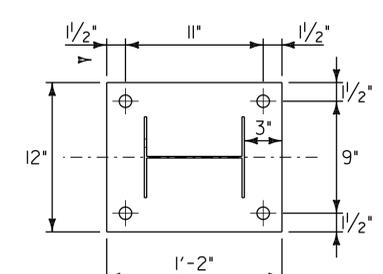
SEE CHANGE ORDER #2



**DETAIL B  
SURFACE MOUNTED POST**

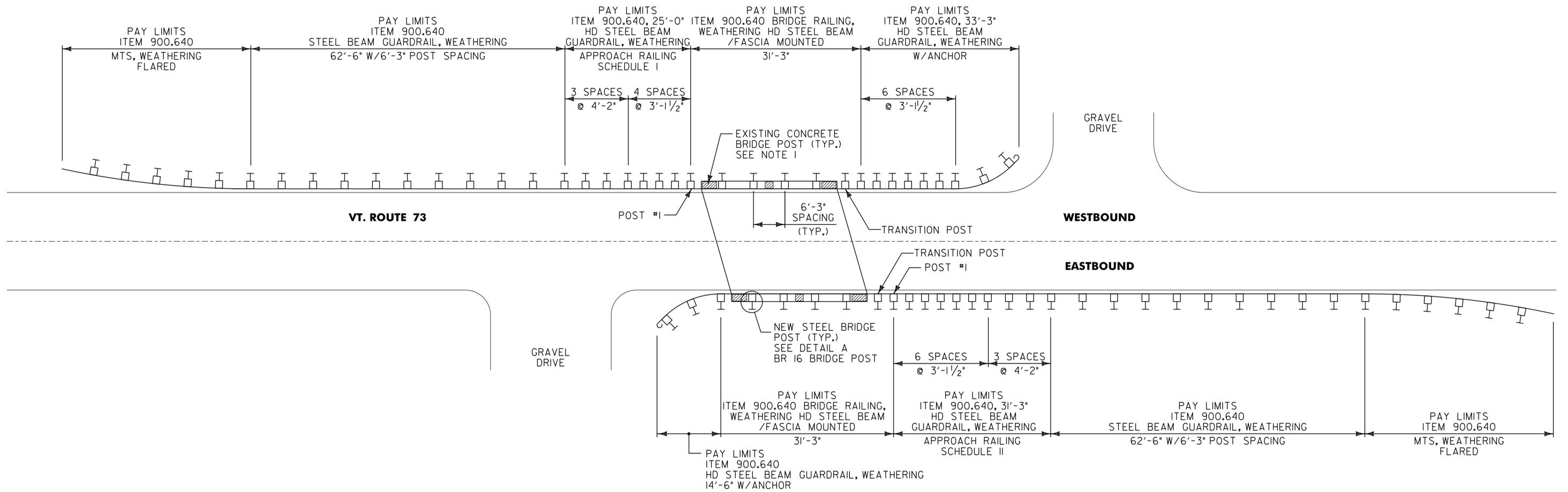


**POST DETAIL**

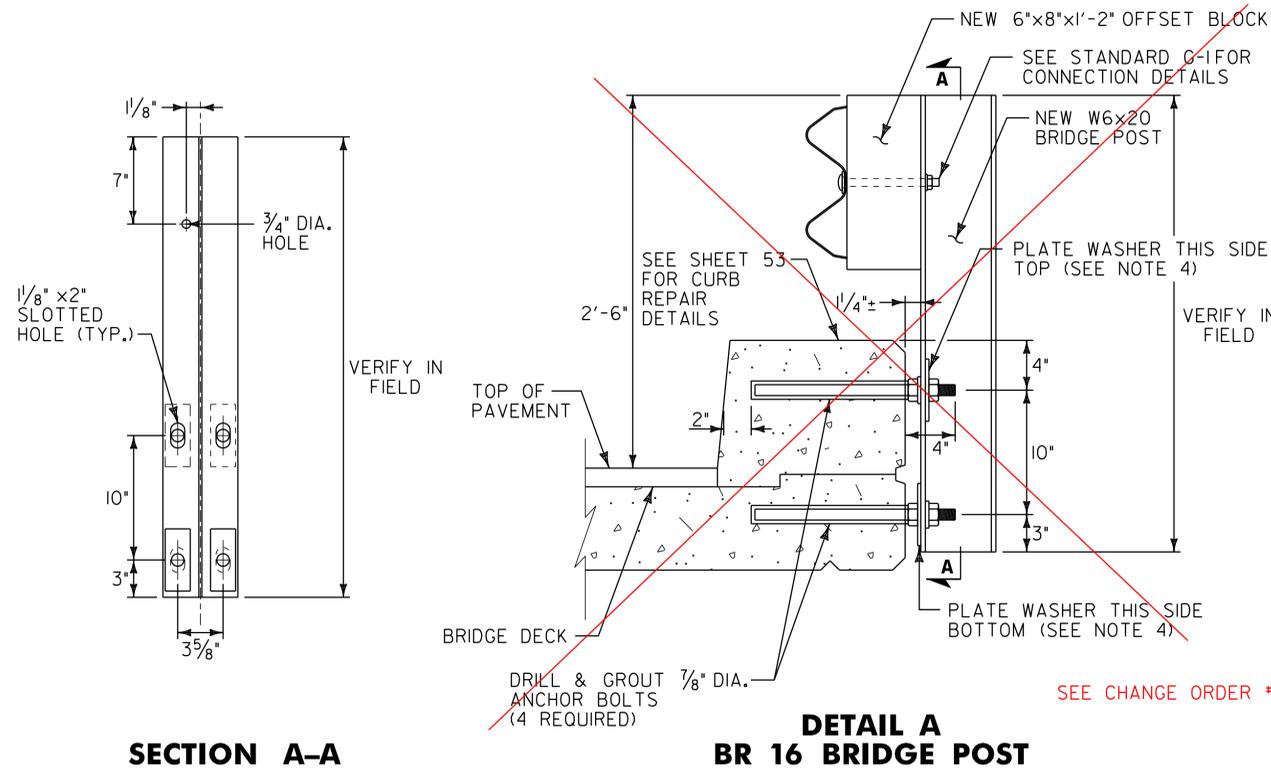


**BASE PLATE DETAIL**

<b>BRIDGE DETAIL SHEET #3</b>	NOT TO SCALE	
	PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER	
	PROJECT NUMBER: SIP_2505(IIS)	
	FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.	
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.	
IPARM FILE: p05c046bd03.i	SHEET 50 OF 56	



**BR 16 ROCHESTER MM 6.368 = STA. 336+23.04**



**NOTES:**

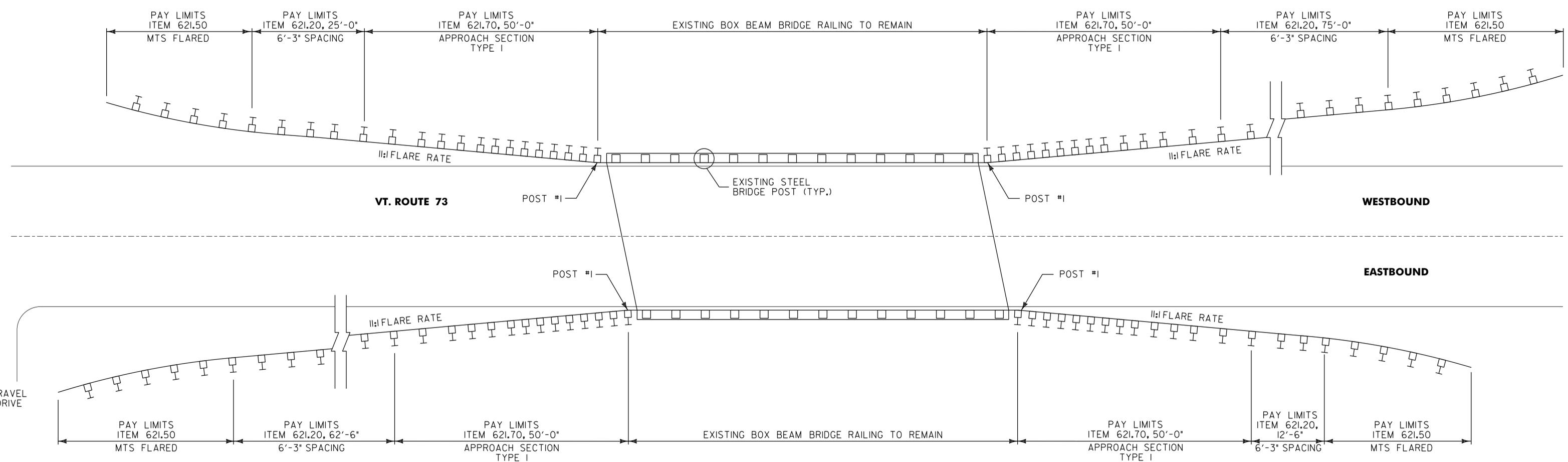
1. EXISTING CONCRETE BRIDGE POSTS TO BE REMOVED. SEE SHEET 54 FOR DETAILS.
2. INSTALL FOUR NEW FASCIA MOUNTED STEEL BRIDGE POSTS ON EACH SIDE OF BRIDGE. SEE POST DETAILS THIS SHEET. SEE CURB REPAIR DETAILS ON SHEET 54.
3. SEE STANDARD SHEET SB-R6-82 FOR ADDITIONAL DETAILS.
4. NEW ASTM A-449 7/8" DIAMETER ANCHOR BOLTS SHALL BE FURNISHED EACH WITH TWO NUTS, ONE PLATE WASHER, AND ONE STANDARD WASHER.

**NOT TO SCALE**

**BRIDGE  
DETAIL  
SHEET #4**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER	
PROJECT NUMBER: SIP_2505(1)S	
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046bd04.i	SHEET 51 OF 56

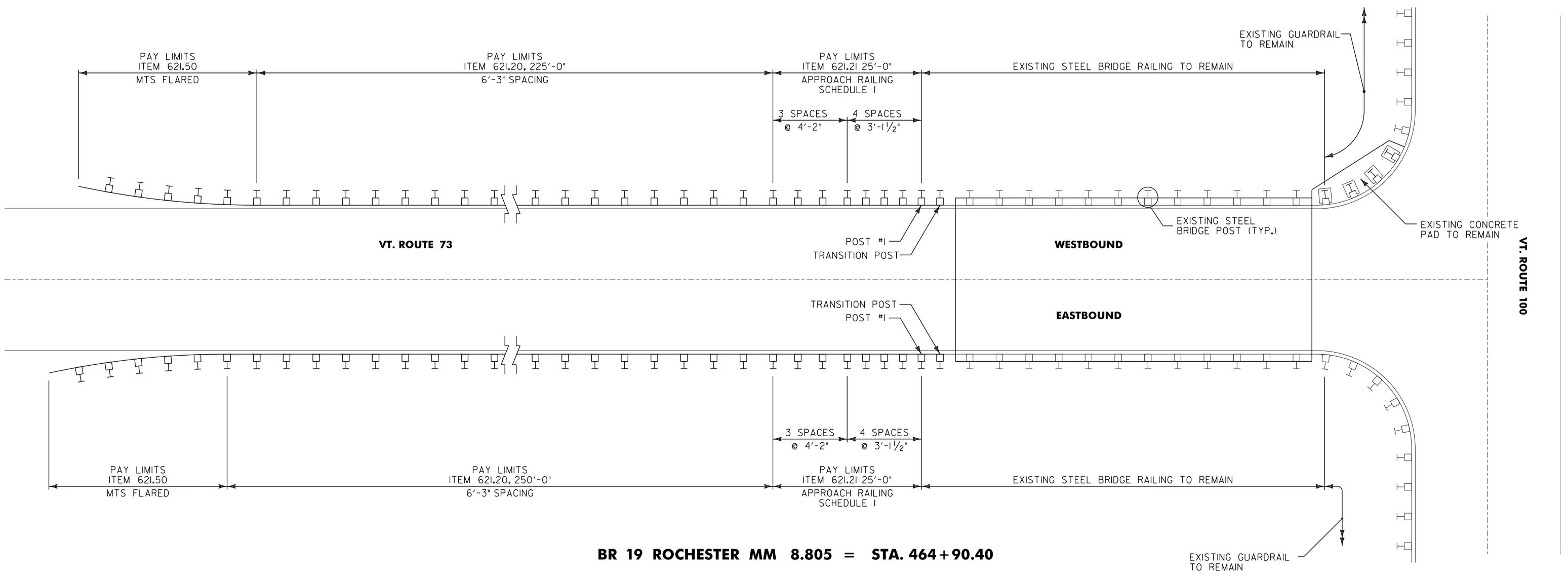
SEE CHANGE ORDER #2



**BR 17 ROCHESTER MM 6.980 = STA. 368+54.40**

NOT TO SCALE

<b>BRIDGE DETAIL SHEET #5</b>	PROJECT NAME: ROCHESTER-CHILINDEN-ROCHESTER	
	PROJECT NUMBER: SIP_2505(I)S	
	FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.	
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.	
IPARM FILE: p05c046bd05.i	SHEET 52 OF 56	

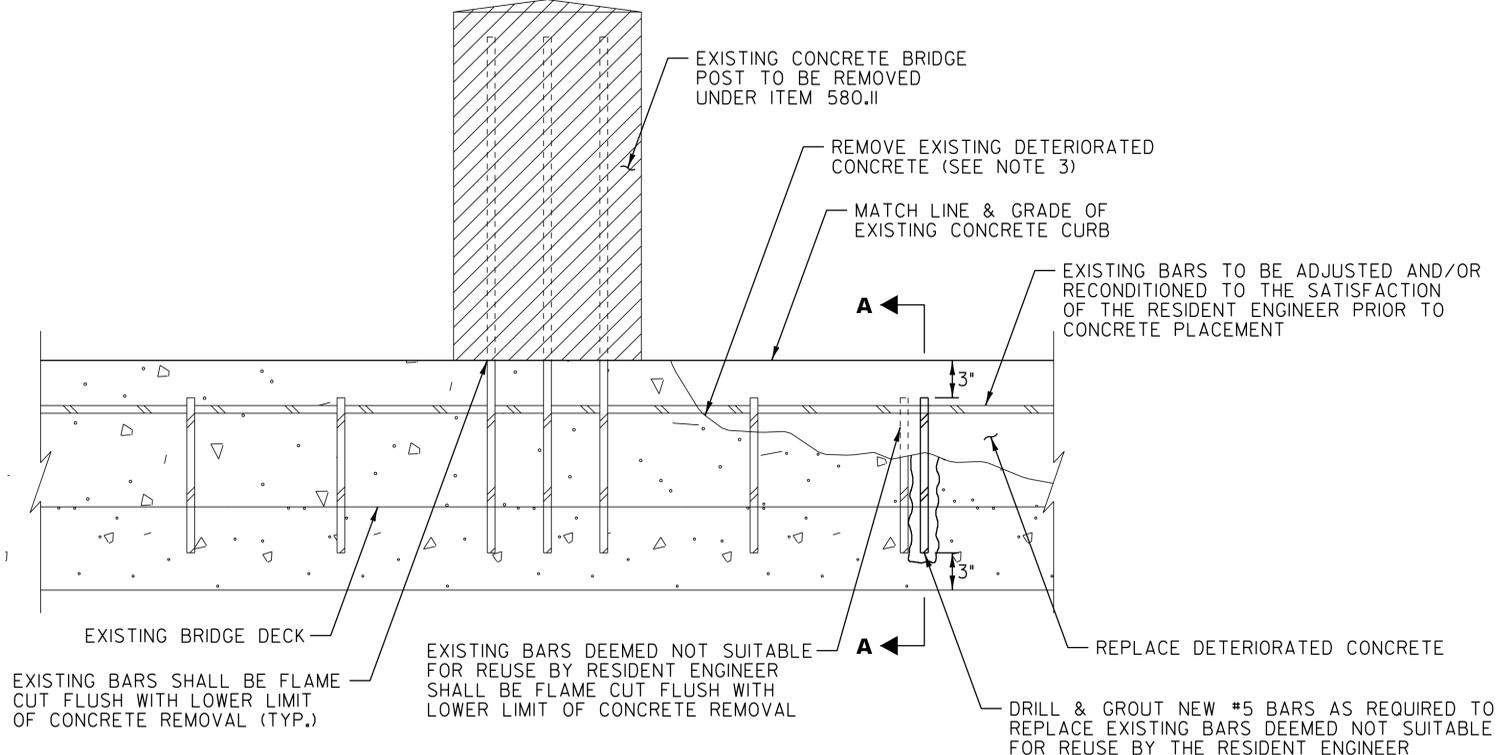


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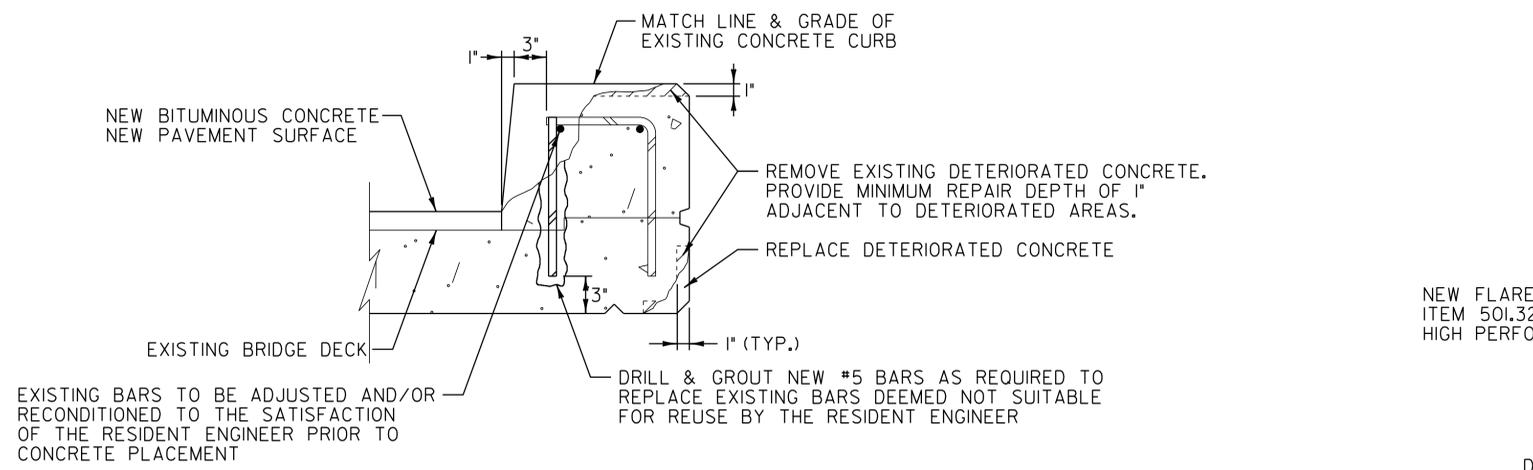
**BRIDGE  
DETAIL  
SHEET #6**

PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(I)S

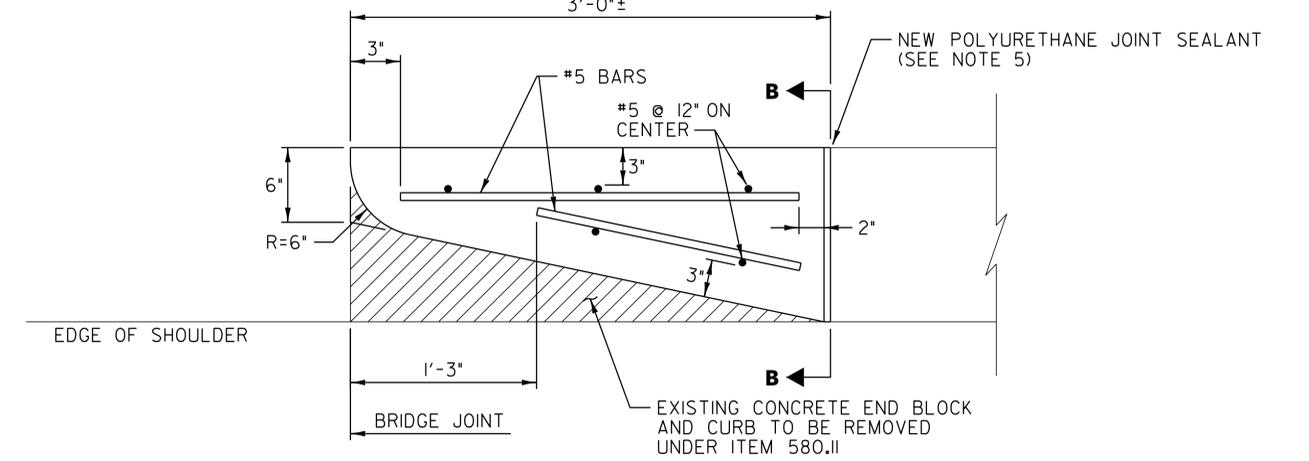
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046bd06.i	SHEET 53 OF 56



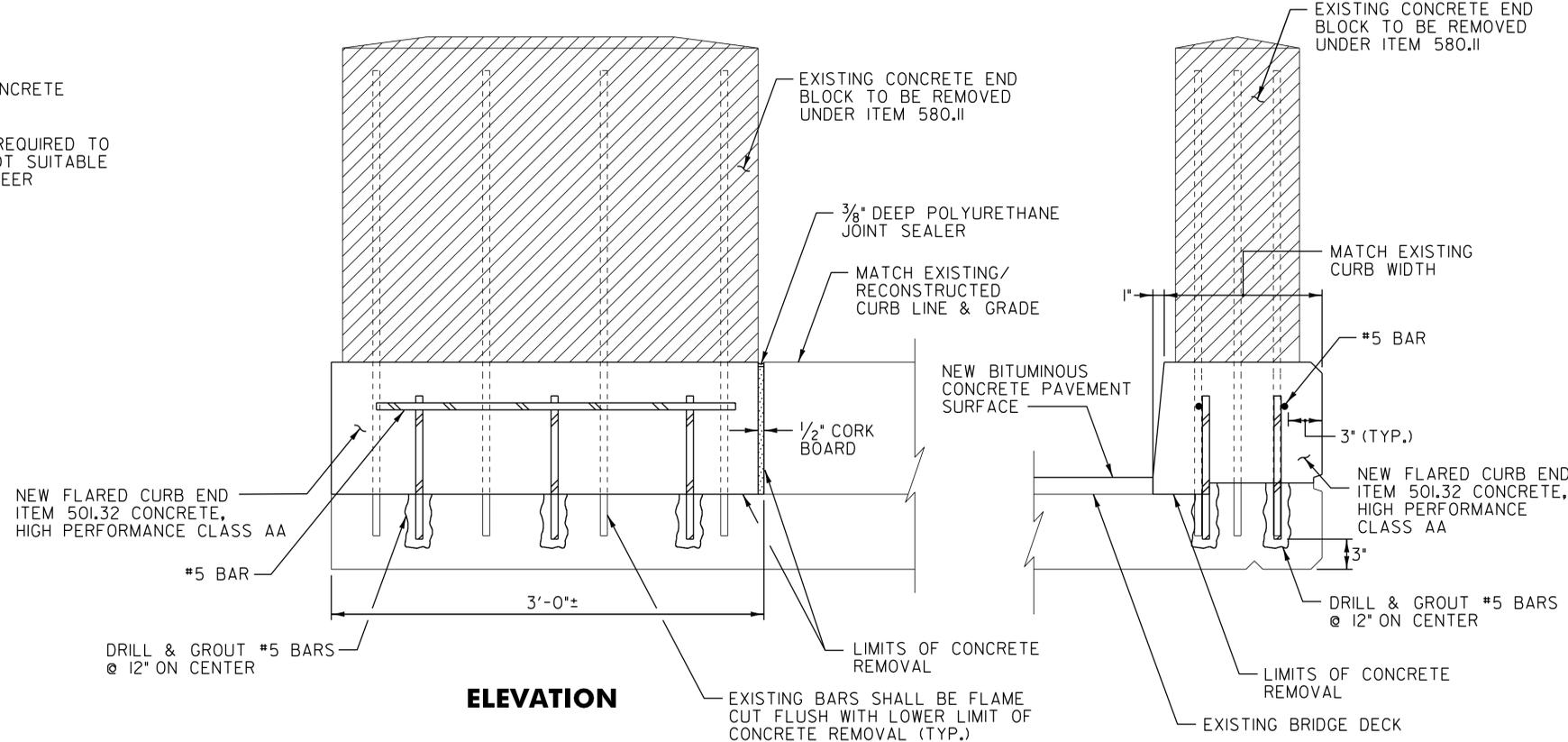
**ELEVATION**



**SECTION A-A  
CURB REPAIR DETAIL**



**PLAN  
NEW FLARED CURB END TREATMENT**



**ELEVATION**

**SECTION B-B**

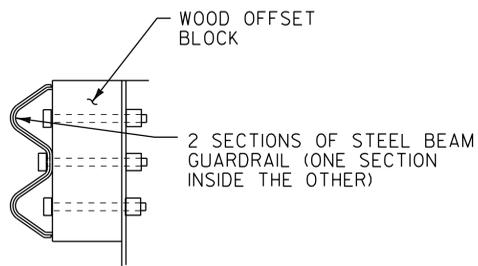
**NEW FLARED CURB END TREATMENT**

**NOTE**

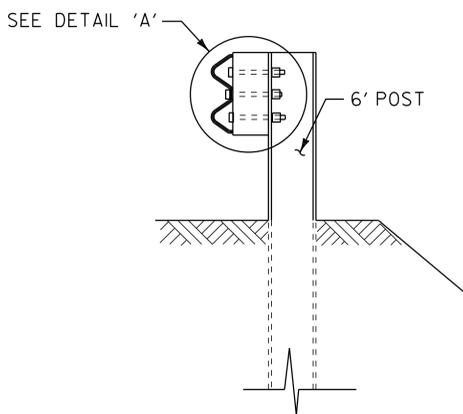
1. ALL CONCRETE SHALL BE HIGH PERFORMANCE CLASS AA OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. CRACKS OR SPALLED AREAS IN THE CURBS OR FASCIA'S WITH A DEPTH OF LESS THAN ONE INCH SHALL BE FILLED WITH EPOXY MORTAR. COSTS ASSOCIATED WITH THE EPOXY MORTAR SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 580.II REPAIR OF CONCRETE SUPERSTRUCTURE, CLASS II. DETERIORATED OR SPALLED AREAS IN THE CURBS OR FASCIA'S WITH A DEPTH GREATER THAN ONE INCH SHALL HAVE THEIR EDGES CUT TO PROVIDE A MINIMUM DEPTH OF ONE INCH COATED WITH NEAT CEMENT, AND PATCHED WITH CONCRETE.
3. ALL DETERIORATED OR UNSOUND CONCRETE SHALL BE REMOVED TO THE LIMITS DEEMED NECESSARY BY THE RESIDENT ENGINEER.
4. REMOVAL OF CONCRETE CURB, END BLOCKS AND POSTS TO THE LIMITS SHOWN SHALL BE PAID FOR UNDER ITEM 580.II REPAIR OF CONCRETE SUPERSTRUCTURE, CLASS II. RUBBLE CREATED BY THIS REMOVAL SHALL BE REMOVED AND DISPOSED OF PROPERLY AS DIRECTED BY THE RESIDENT ENGINEER.
5. THE CONTRACTOR SHALL INSTALL POLYURETHANE JOINT SEALANT PER SECTION 524 OF THE VAOT 2006 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SHALL BE CONSIDERED INCIDENTAL TO ITEM 501.32 AS DIRECTED BY THE RESIDENT ENGINEER.
6. EXISTING CONCRETE END BLOCK AND CURB TO BE REMOVED UNDER ITEM 580.II. NEW FLARED CURB INSTALLATION SHALL BE PAID FOR UNDER ITEM 501.32 CONCRETE, HIGH PERFORMANCE CLASS AA.

7. LOCATION OF EXISTING U-BARS IS NOT KNOWN. DRILL AND GROUT #5 DOWELS AS SHOWN IN DETAILS. WHEN DIRECTED BY THE RESIDENT ENGINEER, ANY EXISTING U-BARS SHALL BE REMOVED AND SUBSEQUENTLY REPLACED BY #5 DOWELS AS REQUIRED TO PROVIDE NECESSARY VERTICAL REINFORCEMENT. PAYMENT FOR ALL DRILLING AND GROUTING SHALL BE CONSIDERED INCIDENTAL TO ITEM 501.32.
8. MINIMUM COVER FOR REINFORCING STEEL SHALL BE THREE INCHES UNLESS OTHERWISE NOTED.
9. REINFORCING PLACEMENT TOLERANCES SHALL BE +/- 1" SPACING AND +/- 1/4" CLEARANCE.
10. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" BY 1".
11. ITEM 900.625 SPECIAL PROVISION (WATER REPELLENT, SILANE) SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES (NEW AND EXISTING) EXCEPT THE UNDERSIDE OF DECK BETWEEN DRIP BEADS.

<b>NOT TO SCALE</b>	
<b>BRIDGE CURB REPAIR DETAIL SHEET</b>	
PROJECT NAME: ROCHESTER-CHILIENDEN-ROCHESTER	PROJECT NUMBER: SIP_2505(1)S
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046cd.i	SHEET 54 OF 56



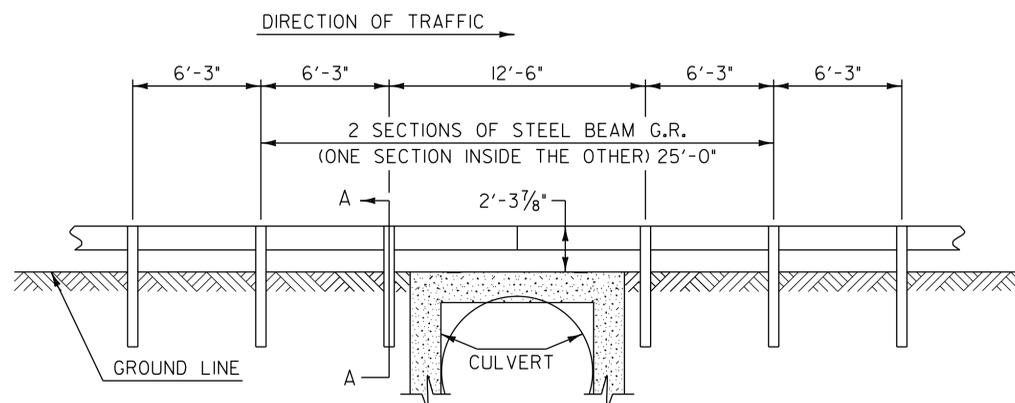
**DETAIL A**



**SECTION A-A**

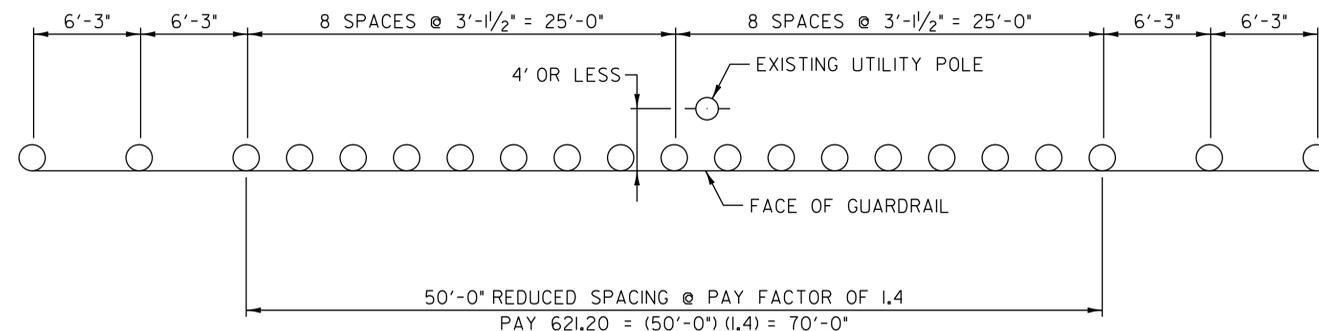
**NOTES**

1. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL DETAILS.
2. THIS WORK SHALL BE PAID UNDER ITEM 900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING) AT A PAY FACTOR OF 1.0.
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER.



**STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL**

BR 13  
VT. ROUTE 73 ROCHESTER STA. 120+70.08 RT



**STEEL BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL**

VT. ROUTE 73 ROCHESTER STA. 420+63.0, RT

NOT TO SCALE

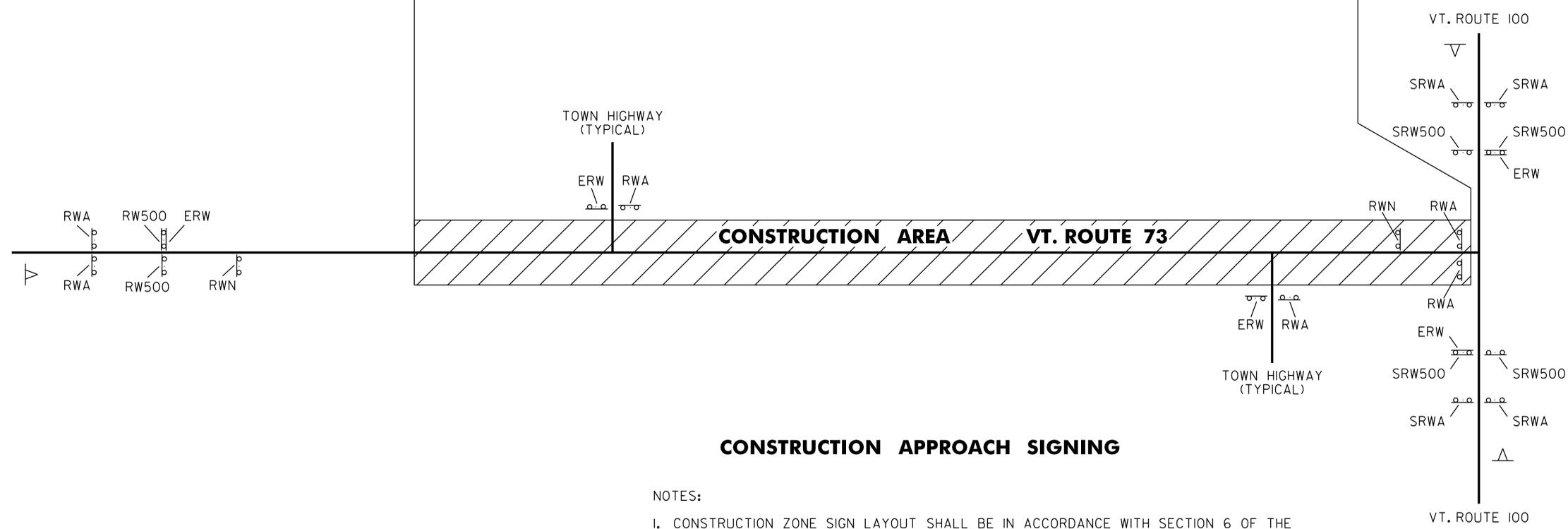
**MISCELLANEOUS  
DETAIL  
SHEET**

PROJECT NAME: ROCHESTER - CHITTENDEN - ROCHESTER  
PROJECT NUMBER: SIP\_2505(1)S

FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p5c046md01.i	SHEET 55 OF 56

VT. ROUTE 73  
MM 0.000 = STA. 0+00.00  
BEGIN PROJECT STP 2505(I)S

VT. ROUTE 73  
MM 8.816 = STA. 465+48.48  
END PROJECT STP 2505(I)S



**CONSTRUCTION APPROACH SIGNING**

NOTES:

1. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
3. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
4. RETROREFLECTIVE SHEETING SHALL BE TYPE VII OR BETTER.
5. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED ON TWO POSTS EACH OR AS AN NCHRP REPORT 350 COMPLIANT SIGN/STAND SYSTEM.
6. 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.
7. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10 TRAFFIC CONTROL
8. PORTABLE CHANGEABLE MESSAGE SIGNS ARE OPTIONAL AND ARE TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.

HIGHWAY NAME	RWA	SRWA	ERW	RW500	SRW500	RWN	OTHER
VT. ROUTE 73 - BEGIN PROJECT	2		1	2		1	1-CHANGEABLE MESSAGE SIGN
NF 35	1		1				
WEST HILL ROAD (TH-37)	1		1				
BINGO ROAD (TH-22)	1		1				
CORPORATION ROAD (TH-40)	1		1				
MAPLE HILL ROAD (TH-31)	1		1				
AUSTIN HILL ROAD (TH-33)	1		1				
CLAY HILL ROAD (TH-34)	1		1				
VT. ROUTE 100 - END PROJECT	2	4	2		4	1	2-CHANGEABLE MESSAGE SIGNS
TOTAL	11	4	10	2	4	2	3-CHANGEABLE MESSAGE SIGNS

NOT TO SCALE

**CONSTRUCTION APPROACH SIGNING DETAIL SHEET**

PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER  
PROJECT NUMBER: SIP\_2505(I)S  
FILE NAME: p05c046.dgn  
PROJECT LEADER: D.E.G.  
DESIGNED BY: J.S.P.  
IPARM FILE: p05c046cqs.i\_

PLOT DATE: \$DATE\$  
DRAWN BY: C.A.K.  
CHECKED BY: D.E.G.  
SHEET 56 OF 56