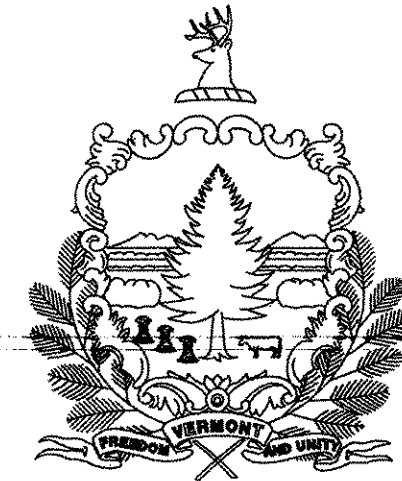


FOR INDEX, SEE SHEET 2

STATE OF VERMONT AGENCY OF TRANSPORTATION



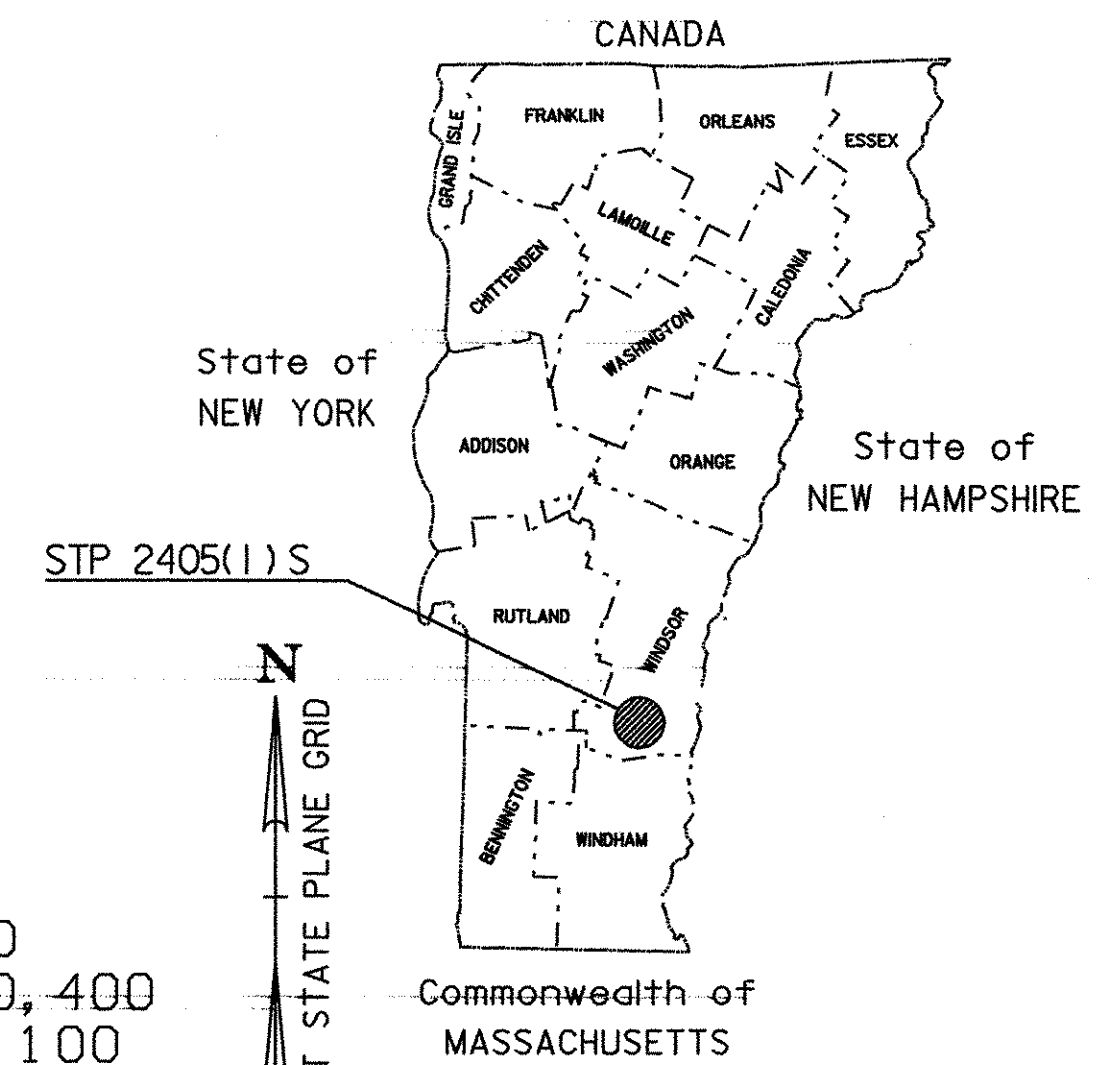
PROPOSED IMPROVEMENT TOWN OF SPRINGFIELD COUNTY OF WINDSOR VT ROUTE 106

BEGINNING IN SPRINGFIELD ON VT ROUTE 106 AT STATION 3+06.24 (MM 0.058) AND
EXTENDING NORTHERLY ALONG ROUTE 106 A DISTANCE OF 3.236 MILES (17,085.76 FEET)
TO STATION 173+92 (MM 3.294) IN SPRINGFIELD. ALSO INCLUDED IS 215 FEET
OF VT ROUTE 10 FROM STATION 300+00 TO STATION 302+15.

PROJECT DATA
FROM TO
STA 3+06.24 (MM 0.058) STA 173+92 (MM 3.294)

LENGTH OF ROADWAY = 3.277 MILES (17 300.76 FEET)
LENGTH OF PROJECT = 3.277 MILES (17 300.76 FEET)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF
THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT
MARKINGS, GUARDRAIL, SIGNS, AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES



TRAFFIC DATA	
MM 0.058 - MM 1.900	
2006 ADT	= 10,400
2006 DHV	= 1,100
2016 ADT	= 11,900
2016 DHV	= 1,300
2006-2016 ESALS	= 1,489,000

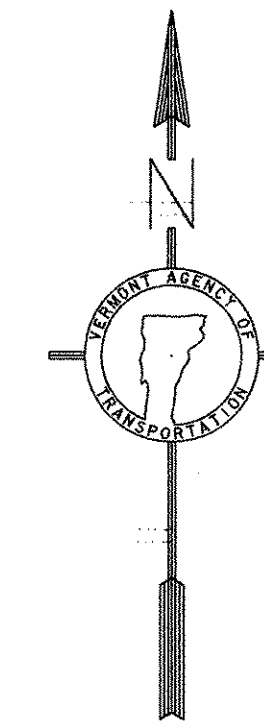
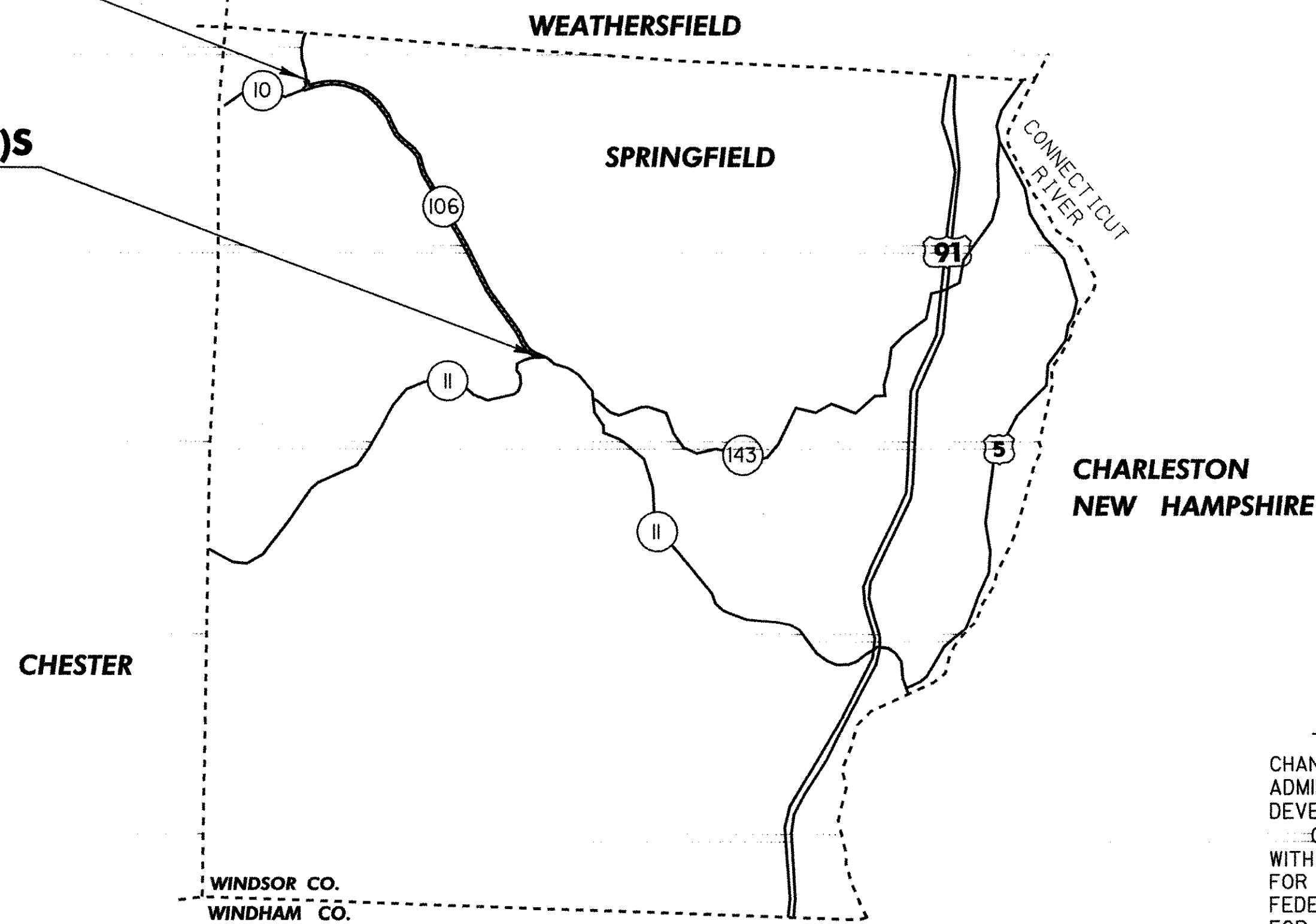
MM 1.900 - MM 3.283	
2006 ADT	= 6,500
2006 DHV	= 730
2016 ADT	= 7,400
2016 DHV	= 820
2006-2016 ESALS	= 928,000

RECORD PLANS	
CONTRACTOR:	LANE CONSTRUCTION CORP. - MERIDAN, CT
RESIDENT ENGINEER:	BUTCH COLBY
CONSTRUCTION BEGAN:	MAY 30, 2006
CONSTRUCTION COMPLETE:	NOVEMBER 30, 2006
RECORD PLANS BY:	BUTCH COLBY & J. GILMORE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	<i>[Signature]</i> RESIDENT ENGINEER
DATE:	08/26/07
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.	

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,820,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-28

**END STP 2405(1)S
VT RTE 106
STA 173+92.00
(MM 3.294)**

**BEGIN STP 2405(1)S
VT RTE 106
STA 3+06.24
(MM 0.058)**



UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS OF THE PROJECT PLANS ARE NOT TO SCALE.

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

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 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 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: <i>[Signature]</i>	DATE: 1-17-06
PROJECT MANAGER: M. WOOLAVER	
PROJECT NAME:	SPRINGFIELD
PROJECT NUMBER:	STP 2405 (1) S
SHEET 1 OF 42 SHEETS	

CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
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	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

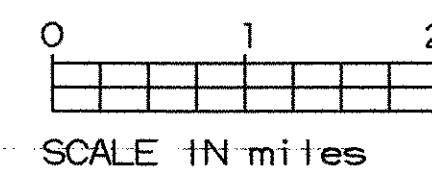
UNLESS OTHERWISE INDICATED, THE DRAWINGS AND DETAILS OF THESE PLANS ARE NOT TO SCALE.

DATUM
VERTICAL N/A
HORIZONTAL N/A



540 Commercial Street
Manchester, NH 03101
Tel: (603) 668-8223
Fax: (603) 668-8902
email: oia@oldengr.com
Maine • New Hampshire • Vermont

IMPERIAL PLANS
PREPARED BY:



FOR INDEX, SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF SPRINGFIELD
COUNTY OF WINDSOR
VT ROUTE 106

BEGINNING IN SPRINGFIELD ON VT ROUTE 106 AT STATION 3+06.24 (MM 0.058) AND EXTENDING NORTHERLY ALONG ROUTE 106 A DISTANCE OF 3.236 MILES (17,085.76 FEET) TO STATION 173+92 (MM 3.294) IN SPRINGFIELD. ALSO INCLUDED IS 215 FEET OF VT ROUTE 10 FROM STATION 300+00 TO STATION 302+15.

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FROM STA 3+06.24 (MM 0.058) TO STA 173+92 (MM 3.294)
LENGTH OF ROADWAY = 3.277 MILES (17 300.76 FEET)
LENGTH OF PROJECT = 3.277 MILES (17 300.76 FEET)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES

The Lane Construction Corporation

Contractor

D.P. Dobbs

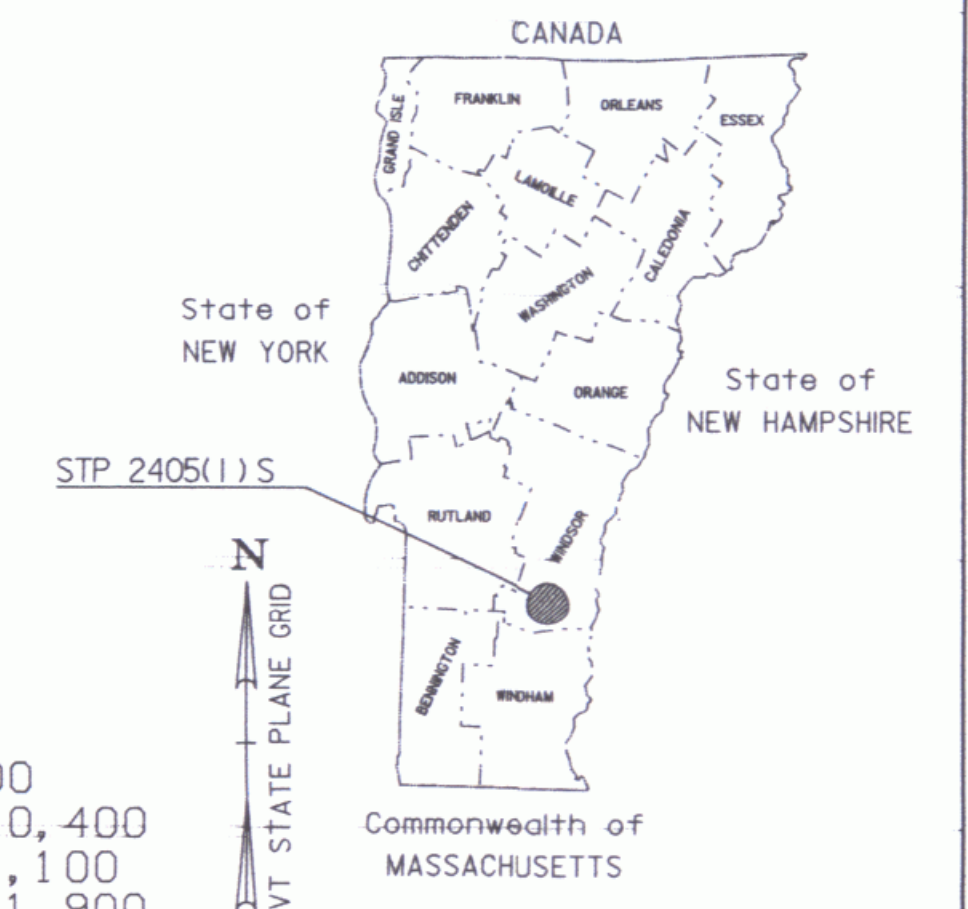
Signature

D. P. Dobbs
Executive Vice President
Title

David Calie

Secretary of Transportation
or Duly Authorized Agent

3/29/06
Date



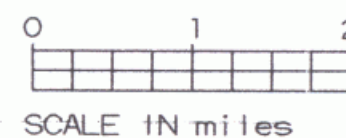
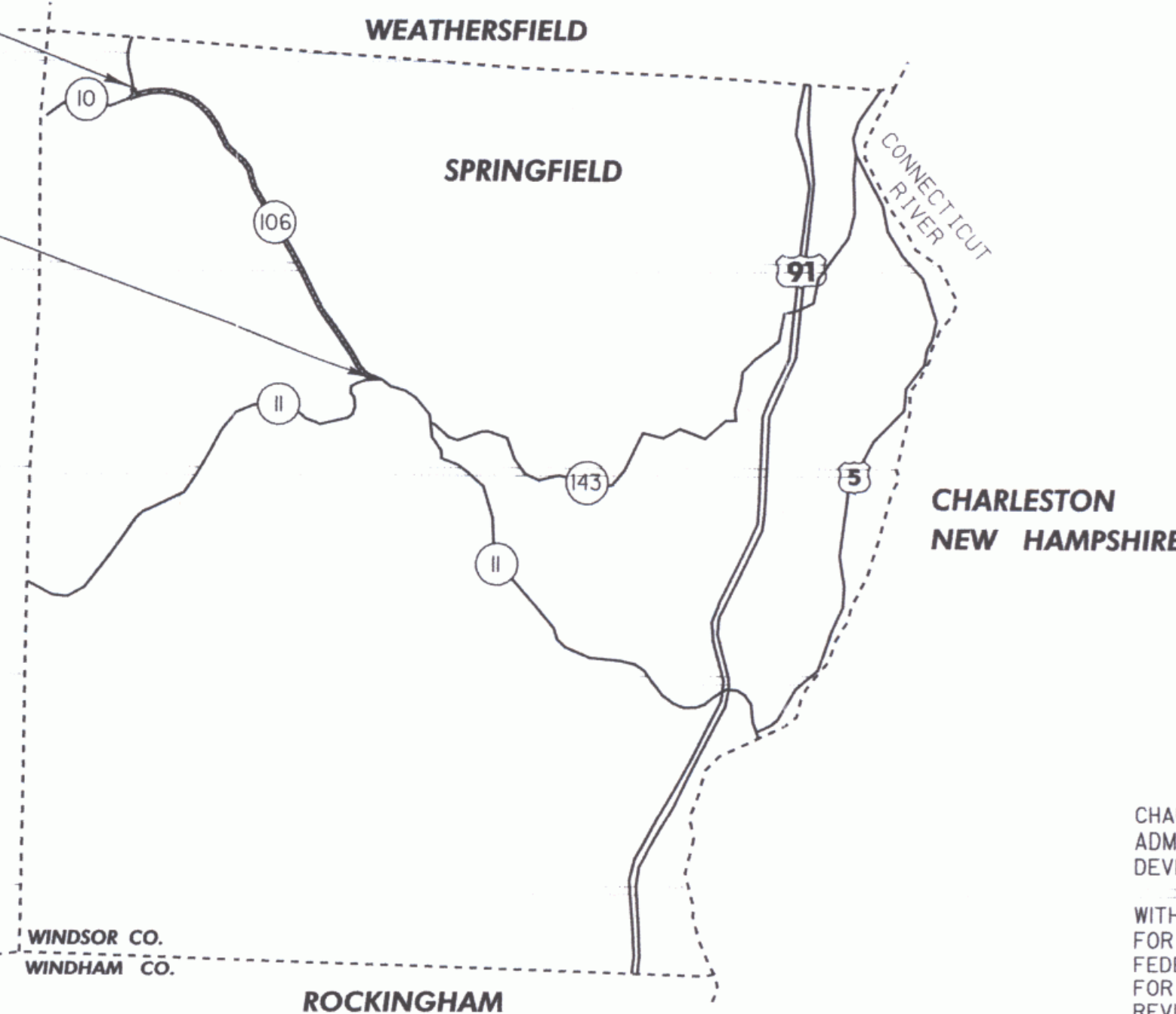
TRAFFIC DATA

MM 0.058 - MM 1.900	
2006 ADT	= 10,400
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SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,820,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	58-28

END STP 2405(1)S
VT RTE 106
STA 173+92.00
(MM 3.294)
BEGIN STP 2405(1)S
VT RTE 106
STA 3+06.24
(MM 0.058)



CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
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	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

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

DATUM
VERTICAL N/A
HORIZONTAL N/A



540 Commercial Street
Manchester, NH 03101
Tel: (603) 668-9223
Fax: (603) 668-8802
email: cee@ceengineers.com
Maine • New Hampshire • Vermont

IMPERIAL PLANS
PREPARED BY:



UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS OF THE PROJECT PLANS ARE NOT TO SCALE.

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DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>Richard J. Roberts</i> DATE 1-17-06	
PROJECT MANAGER: M. WOOLLAVER	
PROJECT NAME :	SPRINGFIELD
PROJECT NUMBER :	STP 2405 (1) S
SHEET 1 OF 42 SHEETS	

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E-152	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
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G-16	STEEL BEAM GUARDRAIL ATTACHMENTS TO EXISTING BRIDGE	06/01/94
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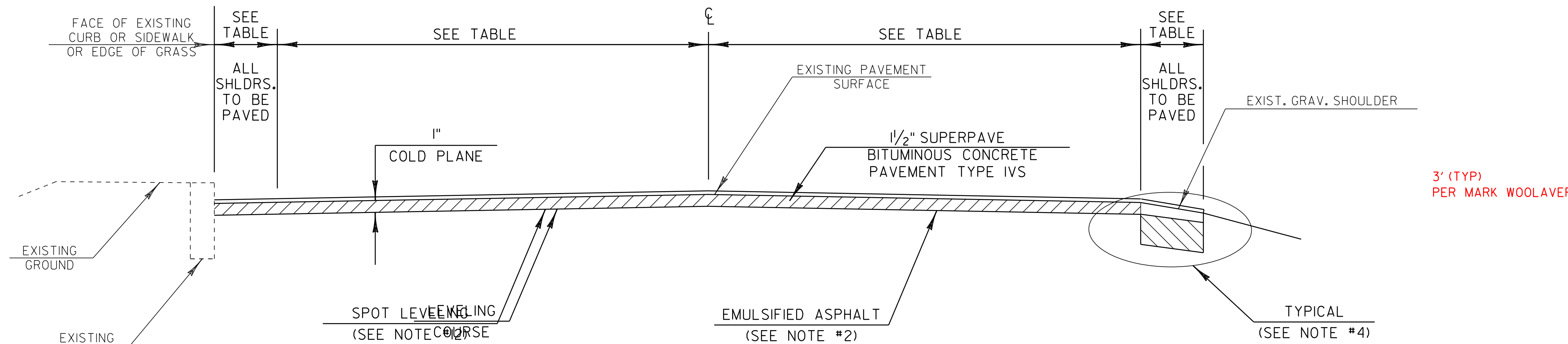
DATUM
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 HORIZONTAL N/A

**INDEX
OF
SHEETS**

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 DRAWN BY SRB DATE 5/05
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 IPARM FILE pb038in01.i DATE PLOTTED JUN-2012 08
 PROJ. NAME SPRINGFIELD
 PROJ. NO. STP 2405(1)S
 SHEET 2 OF 42 SHEETS

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS ITEM 490.30 AS SHOWN ON THE TYPICALS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.015 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" ± (TOTAL THICKNESS).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" ± OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
5. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 490.30.
6. ALL DRIVES, TOWN HIGHWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A PAVED APRON UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAVER SHALL FEATHER APRON OVER EXISTING SURFACE.
7. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402J2, AGGREGATE SHOULDERS (MOD.).
8. YIELDING MARKER POSTS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL YIELDING MARKER POSTS WILL BE USED TO MARK INLET AND OUTLETS OF CROSS PIPES ONLY.
9. AREAS ADJACENT TO THE SHOULDER, WHERE EXISTING GUARDRAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN. PAYMENT IS UNDER ITEM 203.99, SHOULDER BERM REMOVAL.
10. GRASS GROWING ADJACENT TO PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE REPLACEMENT OF NEW BITUMINOUS CONCRETE, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-28)
11. ITEM 604.40 AND 604.42 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
12. SPOT LEVELING LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.



COLD PLANE TYPICAL SECTION

NOT TO SCALE

STA 3+06.24 TO 173+92
STA 300+00 TO 302+15

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	NOTES
VT ROUTE 106	3+06	3+50	1.0-12.0-12.0-3.0	1 1/2	COLD PLANE 1", OVERLAY
SPRINGFIELD	3+50	8+30	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	8+30	25+85	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	25+85	26+75	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	26+75	32+65	8.0-12.0-12.0-14.0	1 1/2	COLD PLANE 1", OVERLAY
	32+65	34+00	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	34+00	45+00	8.0-12.0-12.0-10.0	1 1/2	COLD PLANE 1", OVERLAY
	45+00	45+45	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	45+45	63+75	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	63+75	64+15	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	64+15	71+85	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	71+85	84+10	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	84+10	85+25	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	85+25	88+00	8.0-12.0-12.0-12.0	1 1/2	COLD PLANE 1", OVERLAY
	88+00	89+40	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	89+40	125+08	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	125+08	127+30	8.0-12.0-12.0-8.0	1	OVERLAY, BRIDGE #3
	127+30	128+04	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	128+04	129+10	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	129+10	134+00	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	134+00	136+20	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	136+20	138+75	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	138+75	159+40	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	159+40	163+50	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	163+50	168+50	8.0-12.0-12.0-8.0	1 1/2	COLD PLANE 1", OVERLAY
	168+50	173+92	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	NB RAMP		VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
	WB RAMP		VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
VT ROUTE 10	300+00	302+15	VARIES SEE LAYOUT	1 1/2	COLD PLANE 1", OVERLAY
SPRINGFIELD					

SEEDING FORMULA - RURAL AREAS

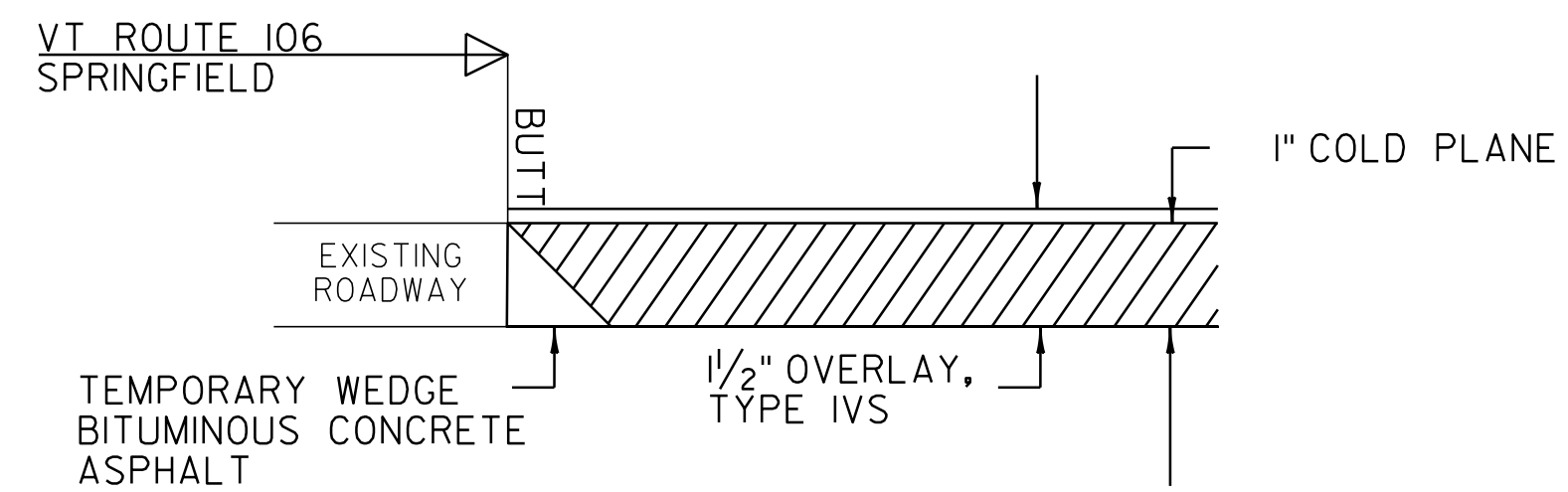
% WT.	LBS./A.	NAME	SEED PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	13 98	85
37.5	22.5	TALL FESCUE	84 95	90
5.0	3.0	RED TOP	18 95	90
15.0	9.0	BIRDSFOOT TREFOIL	18 98	85
5.0	3.0	ANNUAL RYEGRASS	14 95	85
100.0	60.0		6	

GENERAL NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.4% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE 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 ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 5 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.
- SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B - 5.
- PAY LIMITS OF SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN - SEE STANDARD SHEET D - 2.
- TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

PROJECT TYPICAL SHEET 1

SURVEYED BY	CLD	DATE	12/05
DRAWN BY	SRB	DATE	5/05
SQUAD LEADER	CRB		
DESIGN FILE NO.	/pave/04b038/pb038.dgn		
IPARM FILE	pb038ty01.i	DATE	12 JUN-2012 08:17
PROJ. NAME	SPRINGFIELD		
PROJ. NO.	STP 2405(1)S		
SHEET	3	OF	42 SHEETS



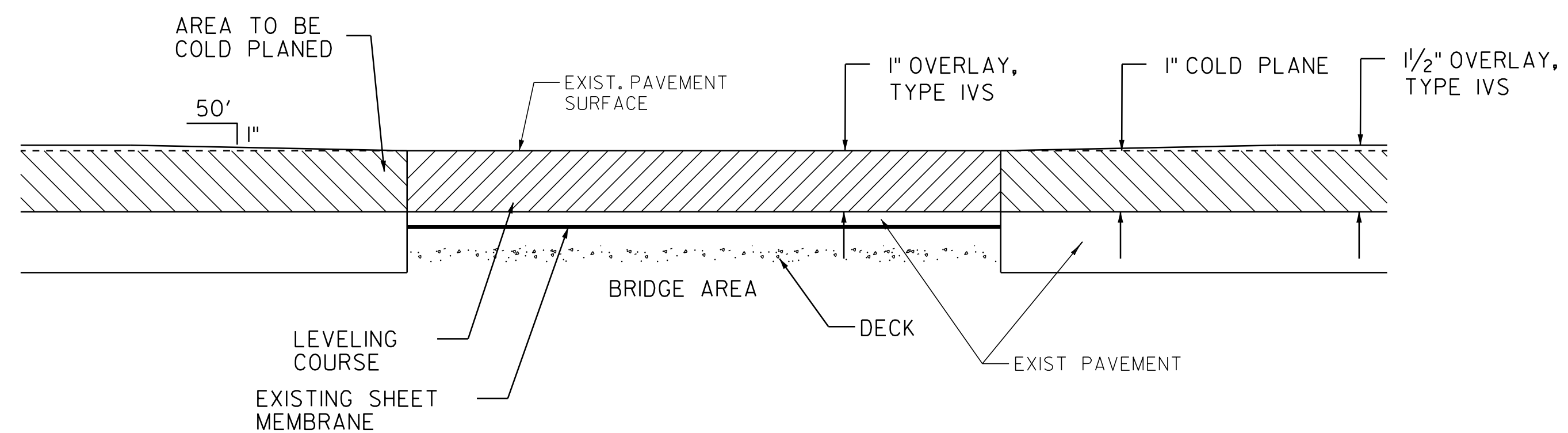
APPROACH AREA DETAIL

LEVELING COURSE LOCATION

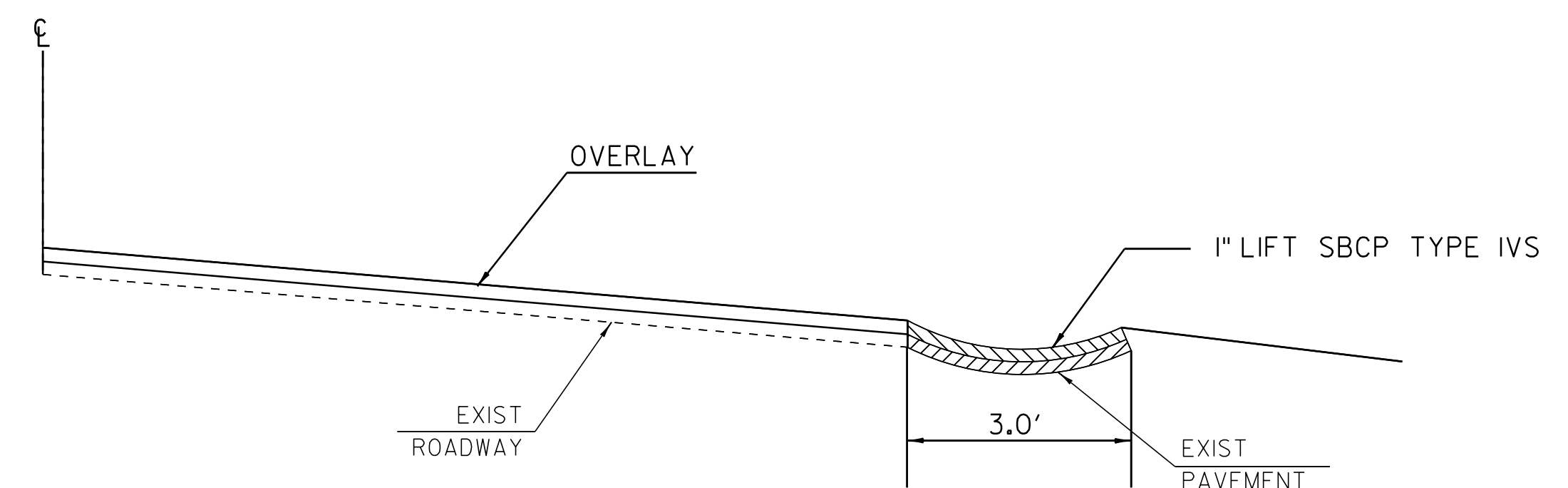
VT RTE 106
 STA 3+06.24, SPRINGFIELD - BEGIN COLD PLANING
 STA 176+75.00, SPRINGFIELD - END COLD PLANING

TOWN HIGHWAYS:

- TH #774
- TH #772
- TH #758
- TH #9
- TH #752
- TH #6
- TH #740 RT
- TH #740 LT
- TH #738 LT
- TH #738 RT
- TH #724 RT
- TH #724 LT
- VT 10



**TRANSITION AREA DETAIL
 BRIDGE #3**



BITUMINOUS CONCRETE GUTTER DETAIL

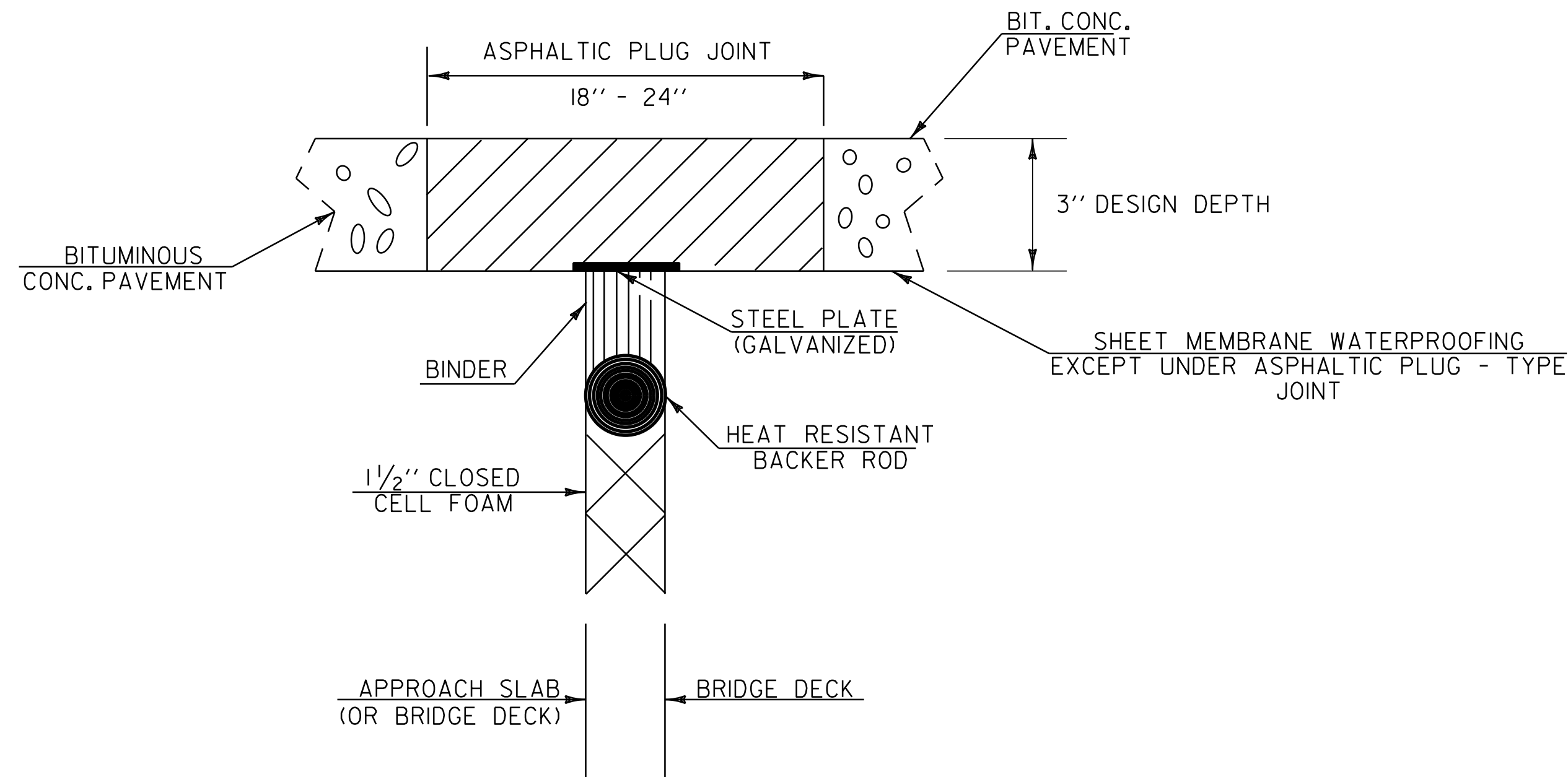
•SEE LAYOUT SHEET 16 & 20 FOR LOCATIONS

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

**PROJECT
 TYPICAL
 SHEET 2**

SURVEYED BY CLD DATE 12/05
 DRAWN BY SRB DATE 5/05
 SQUAD LEADER CRB
 DESIGN FILE NO. /pave/04b038/pb038.dgn
 IPARM FILE pb038ty02.i DATE PLOTTED JUN-2012 08
 PROJ. NAME SPRINGFIELD
 PROJ. NO. STP 2405(1)S
 SHEET 4 OF 42 SHEETS

• REFER TO SPECIAL PROVISIONS FOR BASIS OF PAYMENT

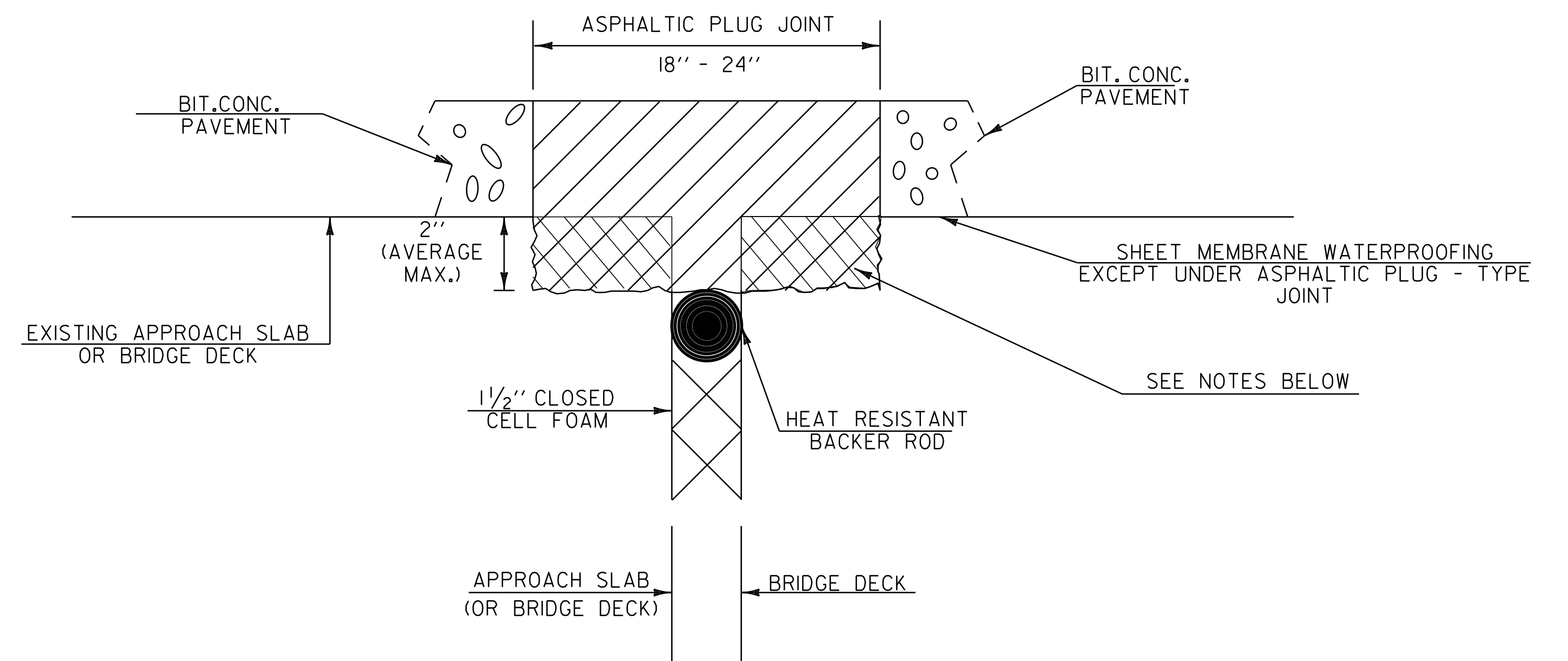


ASPHALTIC PLUG-TYPE JOINT DETAIL

LOCATION

BRIDGE #3 (40 FT EACH JOINT)
 STA 125+08
 STA 125+81
 STA 126+55
 STA 127+30

NOTE: REFER TO NOTE UNDER DETAIL AT RIGHT.



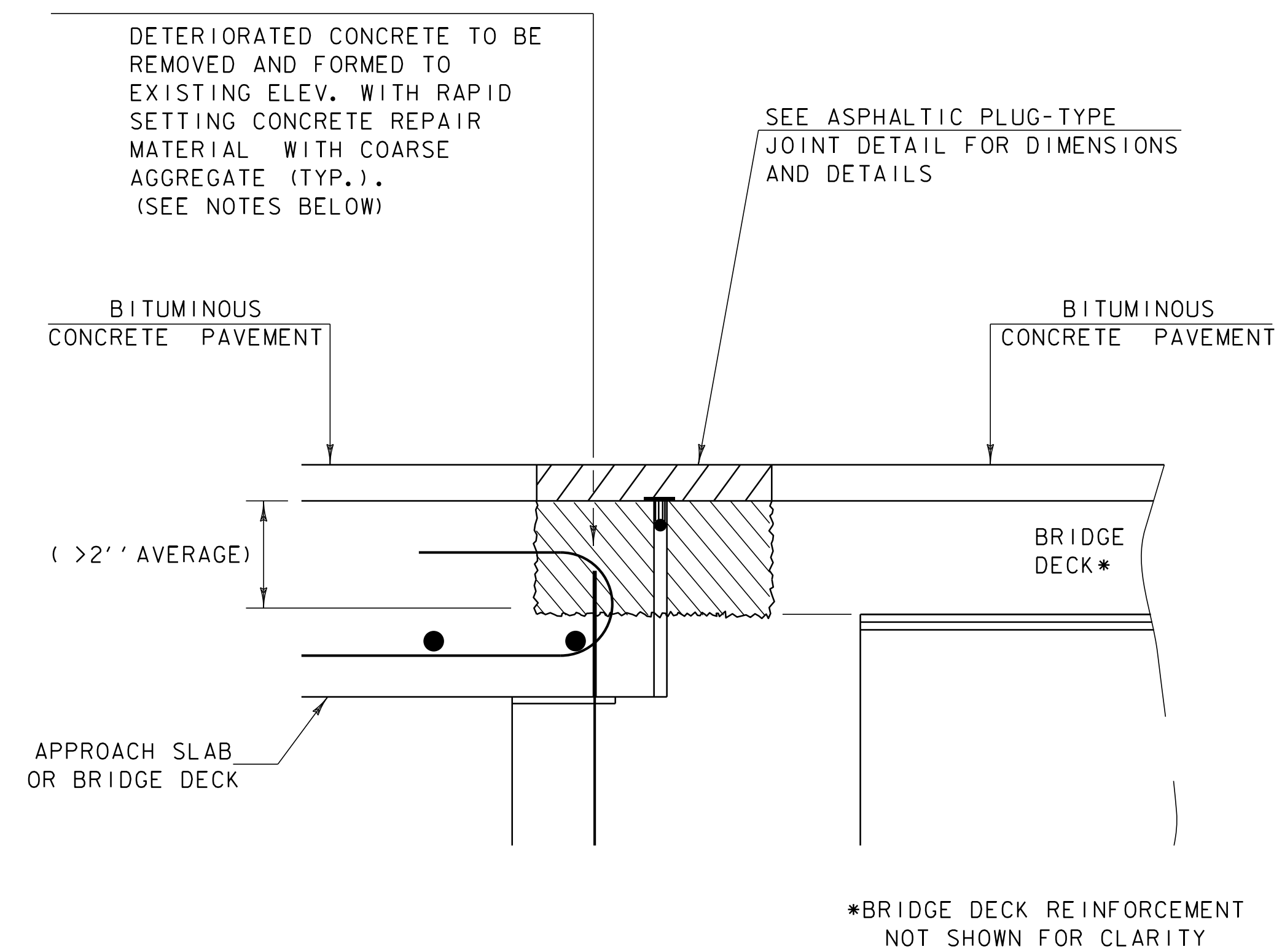
ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF UP TO 2" DETERIORATED CONCRETE

NOTES:

- UPON ENCOUNTERING UP TO 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
- REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.
- THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED AS SHOWN IN THE DETAIL ABOVE IF DIRECTED BY THE RESIDENT ENGINEER.

**PROJECT
 TYPICAL
 SHEET 3**

PROJECT NAME: SPRINGFIELD	PLOT DATE: 19-JUN-2012 08:16
PROJECT NUMBER: STP 2405(1)S	DRAWN BY: JLR
FILE NAME: /pave/04b038/pb038.dgn	CHECKED BY: JLR
PROJECT LEADER: M. WOOLAVER	SHEET 5 OF 42
DESIGNED BY: JLR	
pb038+y03.i	



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

NOTES:

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

**PROJECT
TYPICAL
SHEET 4**

PROJECT NAME: SPRINGFIELD
PROJECT NUMBER: STP 2405(1)S

FILE NAME: /pave/04b038/pb038.dgn
PROJECT LEADER: M. WOOLAVER
DESIGNED BY: JLR
pb038+y04.i

PLOT DATE: 19-JUN-2012 08:16
DRAWN BY: JLR
CHECKED BY: JLR
SHEET 6 OF 42

LOCATION			CURBED SIDEWALKS						DROP INLETS				GUARDRAIL								MISC.		REMARKS			
STATION	STATION	POS.	203.15 COMM. EXCAV.	203.16 SOLID ROCK EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.21 VERTICAL GRANITE CURB	616.40 REMOVE & RESET CURB	616.41 REMOVE EXISTING CURB	618.10 PORT. CEM. CONC. SDWK. 5'	604.40 CHANGE ELEV. D. I.	604.412 REHAB. D. I. CLASS I	604.415 REHAB. D. I. CLASS II	604.418 REHAB. D. I. CLASS III	621.17 CABLE G. R.	621.20 STEEL BEAM G. R.	621.21 H. D. BEAM G. R.	621.53 TERM. CONN. S. B. R	621.60 ANCHOR FOR G. R.	621.65 ANCHOR FOR CABLE RAIL	621.75 REMOVE & RESET G. R.	621.80 REMOVE & DISP. G. R.	621.81 REMOVE & DISP. G. P.		629.20 ADJUST ELEV. VALVE BOX	604.42 CHANGE ELEV. OF SEWER MH	
SPRINGFIELD			yd3	yd3	T	ft	ft	ft	yd2	EA	EA	EA	EA	ft	ft	ft	EA	EA	EA	ft	ft	EA	EA	EA		
3+06.24	173+92				1994.0					I	27												8	12	FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER	
5+66	5+70	RT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
7+71	7+75	RT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
9+27	9+31	RT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
15+65	15+69	LT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
22+21	22+25	RT				4.0	9.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
22+21	22+25	LT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
24+47	24+51	RT				4.0	18.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
24+47	24+51	LT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
27+97	28+01	LT				4.0	14.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
32+60	32+64	LT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
49+97	50+05	RT												62.50			2					62.50				ANCHOR AT STA 49+97, INSTALL I-16' RADIUS PANEL
65+32	65+86	LT				112.5																				ANCHOR AT STA 50+05, INSTALL I-16' RADIUS PANEL
66+16	66+70	LT				112.5																				NEW CURBED ISLAND AT ANIMAL HOSPITAL
71+60	72+04 71+98	RT												12.50	32.5 41.25			I				25.00				ANCHOR AT STA 71+60, INSTALL I-16' RADIUS PANEL
71+73	71+98 67 92	LT													32.50			I								APPROACH SCH I FROM STA 71+73 TO 71+98 W/ I-16' RADIUS PANEL, ANCHOR @ STA 71+73 66
72+11	72+54 17	LT												12.50	41.25 32.5			I				25.00				APPROACH SCH # FROM STA 72+11 TO 72+42, INSTALL I-16' RADIUS PANEL,
72+16	72+41 23 35	RT													32.5 32.50 19.5			I								ANCHOR AT STA 72+16 TO STA 72+41 W/ I-16' RADIUS PANEL,
75+94	75+98	RT				4.0	16.0	4.0																		REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
100+31	100+49	RT	4.1	1.6	7.9	11.0		21.0	9.5																	CONSTRUCT SIDEWALK RAMP, TYPE I W/ DOMES
108+10	108+20	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
108+39	108+49	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
109+00	109+10	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
109+73	109+83	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
110+29	110+39	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
110+68	110+78	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
111+50	111+60	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
111+94	112+04	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
112+73	112+83	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
113+10	113+20	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
113+29	113+39	RT	3.5	1.1	6.7	11.0		11.0	6.1																	CONSTRUCT SIDEWALK RAMP, TYPE I
SHEET SUBTOTALS			42.6	13.7	2075.6	401.0	169.0	186.0	76.6	I	27			87.50	147.50	0	6					112.50	8	12		

ITEM DETAIL SHEET 1	SURVEYED BY <u>CLD</u> DATE <u>12/05</u>
	DRAWN BY <u>SRB</u> DATE <u>5/05</u>
	SQUAD LEADER <u>CRB</u>
	DESIGN FILE NO. <u>/pave/04b038/pb038.dgn</u>
IPARM FILE <u>pb038id01.i</u> DATE PLOTTED <u>19-JUN-2012 08:1</u>	
PROJ. NAME <u>SPRINGFIELD</u>	
PROJ. NO. <u>STP 2405(1)S</u>	
SHEET <u>9</u> OF <u>42</u> SHEETS	

LOCATION			CURBED SIDEWALKS							DROP INLETS				GUARDRAIL							MISC.		REMARKS		
STATION	STATION	POS.	203.15 COMM. EXCAV.	203.16 SOLID ROCK EXCAV.	301.28 SUBBASE OF CR. GRAV. (FINE)	616.21 VERTICAL GRANITE CURB	616.40 REMOVE & RESET CURB	616.41 REMOVE EXISTING CURB	618.10 PORT. CEM. CONC. SDWK. 5'	604.40 CHANGE ELEV. D. I.	604.412 REHAB. D. I. CLASS I	604.415 REHAB. D. I. CLASS II	604.418 REHAB. D. I. CLASS III	621.17 CABLE G. R.	621.20 STEEL BEAM G. R.	621.21 H. D. BEAM G. R.	621.53 TERM. CONN. S. B. R	621.60 ANCHOR FOR G. R.	621.65 ANCHOR FOR CABLE RAIL	621.75 REMOVE & RESET G. R.	621.80 REMOVE & DISP. G. R.	621.81 REMOVE & DISP. G. P.		629.20 ADJUST ELEV. VALVE BOX	604.42 CHANGE ELEV. OF SEWER MH
SPRINGFIELD			yd3	yd3	T	f+	f+	f+	yd2	EA	EA	EA	EA	f+	f+	f+	EA	EA	EA	f+	f+	EA	EA	EA	
114+18	114+22	RT				4.0	10.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
116+27	116+31	RT				4.0	12.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
116+70	116+80	RT	3.5	1.1	6.7	11.0		11.0	6.1																CONSTRUCT SIDEWALK RAMP, TYPE I
117+08	117+18	RT	3.5	1.1	6.7	11.0		11.0	6.1																CONSTRUCT SIDEWALK RAMP, TYPE I
117+49	117+59	RT	3.7	1.3	7.1	11.0		11.0	7.3																CONSTRUCT SIDEWALK RAMP, TYPE I
117+58	117+62	RT				4.0	8.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
118+58	118+62	RT				4.0	16.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
119+98	120+02	RT				4.0	16.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
121+33	121+60	RT	5.2	2.2	10	11.0		29.7	13.4																CONSTRUCT SIDEWALK RAMP, TYPE IW/ DOMES
122+20	122+48	RT	5.2	2.2	10	11.0		29.7	13.4																CONSTRUCT SIDEWALK RAMP, TYPE IW/ DOMES
124+83	124+87	LT				4.0	16.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
127+30	127+45	RT	5.0	1.5	9.4	13.9		19.8	9.1																CONSTRUCT SIDEWALK RAMP, TYPE 6 W/ DOMES
127+33	127+44	RT												87.50			+	I				87.50			TERMINAL CONNECTOR @ STA 127+33, ANCHOR @ STA 127+44, INSTALL 1-16' RADIUS PANEL
127+33	127+46	LT												100.00			+	I				100.00			TERMINAL CONNECTOR @ STA 127+33, ANCHOR @ STA 127+46, INSTALL 1-16' RADIUS PANEL
127+46	127+55	LT	5.1	1.6	8.8	13.0		13.0	9.9																CONSTRUCT SIDEWALK RAMP, TYPE 6 W/ DOMES
127+83	128+07	RT												50.00				I				50.00			ANCHOR @ STA 127+83, INSTAL 1-16' RADIUS PANEL ATTACH TO EXISTING GUARDRAIL @ STA 128+07
127+90	127+94	LT	4.7	2.0	8.8	11.0		11.0	12.2																CONSTRUCT SIDEWALK RAMP, TYPE 6 W/ DOMES
138+33	138+82	RT												50.00				I				46.00			ANCHOR @ STA 138+33, INSTALL 1-16' RADIUS PANEL, ATTACH TO EXISTING GUARDRAIL @ STA 138+82
170+25	170+29	RT				4.0	16.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
300+88	300+92	RT				4.0	16.0	4.0																	REPLACE CONCRETE CURB @ DI W/ VERTICAL GRANITE CURB
SHEET 1 SUBTOTALS			42.6	13.7	2075.6	401.0	169.0	186.0	76.6	1	27			87.50	147.50	0	6					112.50	8	12	
SHEET 2 SUBTOTALS			35.9	13.0	67.5	124.9	110.0	168.2	77.5	0	0			287.50	0	2	4					283.50	0	0	
PROJECT SUBTOTALS			78.5	26.7	2143.1	525.9	279.0	354.2	154.1	1	27			375.00	147.50	2	10					396.00	8	12	
ROUNDING			1.5	3.3	56.9	4.1	1.0	5.8	0.9	0	0			0	2.5	0	0					4.0	0	0	
PROJECT TOTALS			80	30	2200	530	280	360	155	1	27			375	150	2	10					400	8	12	

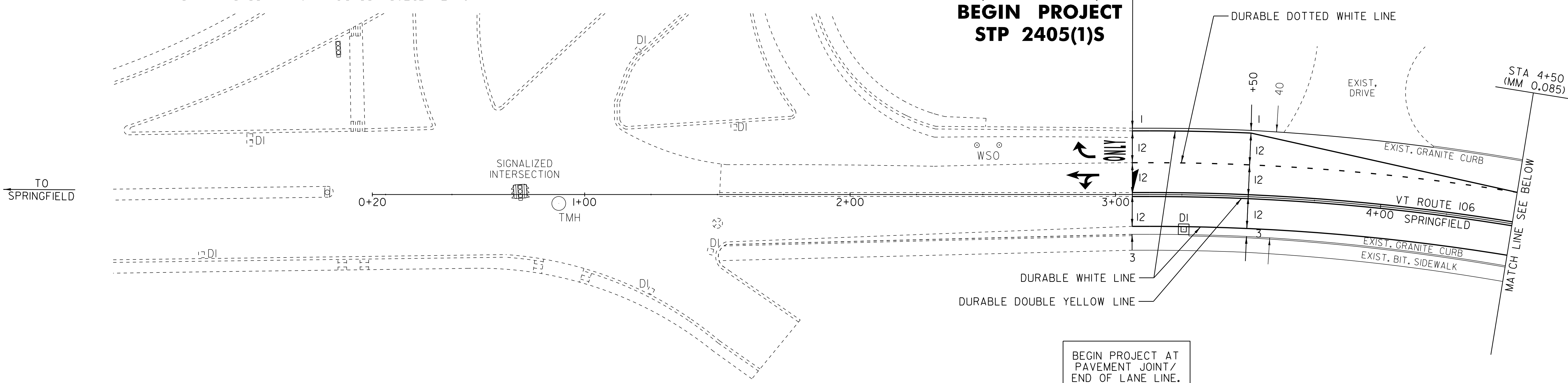
ITEM DETAIL SHEET 2	SURVEYED BY <u>CLD</u> DATE <u>12/05</u>
	DRAWN BY <u>SRB</u> DATE <u>5/05</u>
	SQUAD LEADER <u>CRB</u>
	DESIGN FILE NO. <u>/pave/04b038/pb038.dgn</u>
	IPARM FILE <u>pb038id02.i</u> DATE PLOTTED <u>10-JUN-2012 08:1</u>
PROJ. NAME <u>SPRINGFIELD</u>	
PROJ. NO. <u>STP 2405(1)S</u>	
SHEET 10 OF 42 SHEETS	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 3+06 TO 10+00 SOLID LT
 STA 3+06 TO 10+00 SOLID RT
 STA 3+06 TO 4+50 DOTTED LT

REHABILITATION OF DI, CB, OR MH, CLASS J
 STA 3+26 DI RT
 STA 5+68 DI RT
 STA 7+73 DI RT
 STA 9+29 DI RT

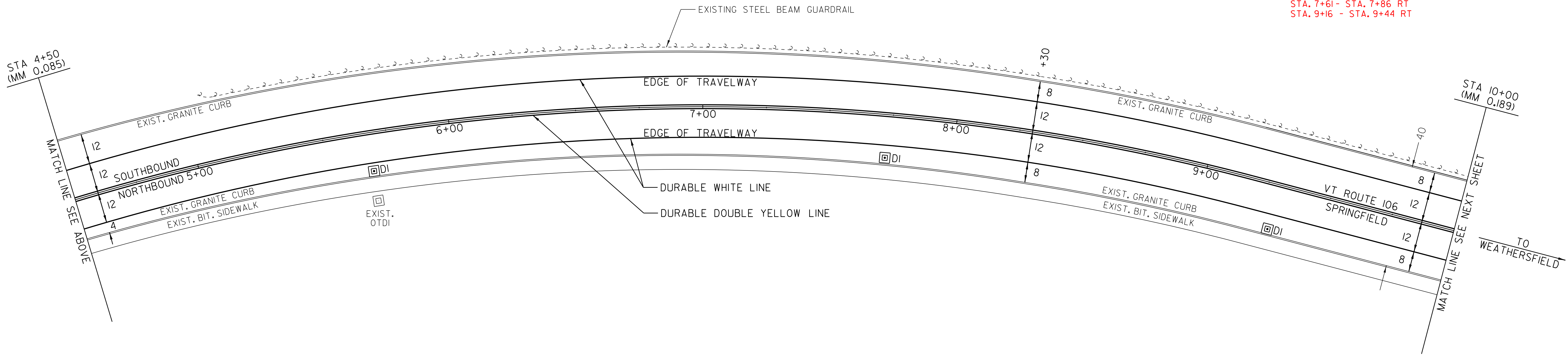
TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 3+06 TO 10+00 SOLID LT & RT

**VT ROUTE 106
 STA 3+06.24
 (MM 0.058)
 BEGIN PROJECT
 STP 2405(1)S**



BEGIN PROJECT AT PAVEMENT JOINT/ END OF LANE LINE. DO NOT OBLITERATE "ONLY" TEXT

CONCRETE SIDEWALK, 5"
 STA. 3+17 - STA. 3+34 RT
 STA. 5+53 - STA. 5+83 RT
 STA. 7+61 - STA. 7+86 RT
 STA. 9+16 - STA. 9+44 RT



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R & S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
—	=	NEW RAIL
---	=	EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #1	PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(1)S
	DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
	IPARM FILE NAME: pb038ia01.i SURVEYED BY: CLD SQUAD LEADER: CRB CLD 04-0397	SURVEY DATE: 12/04 DRAWN BY: SRB SHEET: 12 OF 42

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 10+00 TO 21+00 SOLID LT
 STA 10+00 TO 21+00 SOLID RT

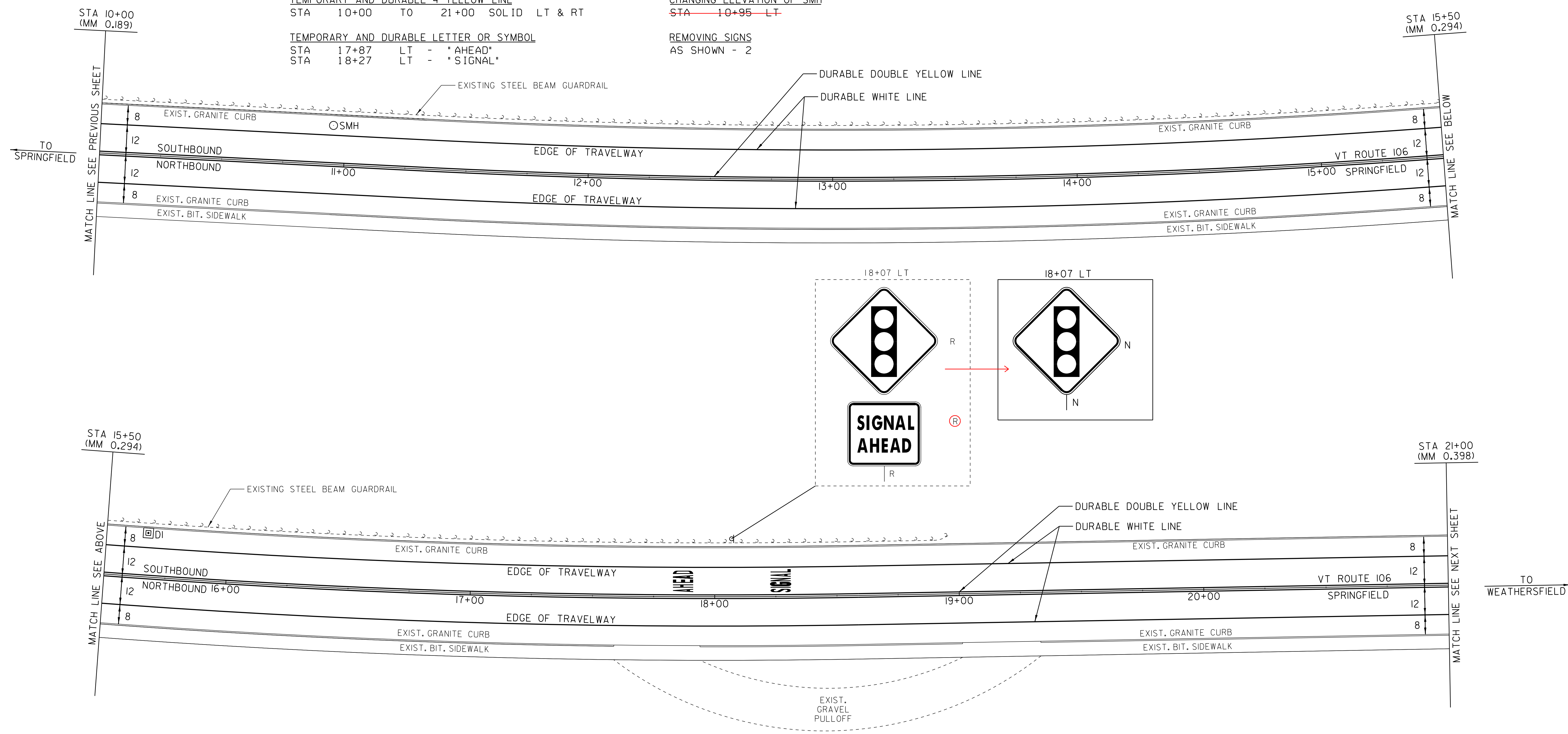
REHABILITATION OF DI, CB, OR MH, CLASS I
 STA 15+67 DI LT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 10+00 TO 21+00 SOLID LT & RT

CHANGING ELEVATION OF SMH
 STA 10+95 LT

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 17+87 LT - "AHEAD"
 STA 18+27 LT - "SIGNAL"

REMOVING SIGNS
 AS SHOWN - 2



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

**PAVING
 PROJECT
 LAYOUT #2**

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

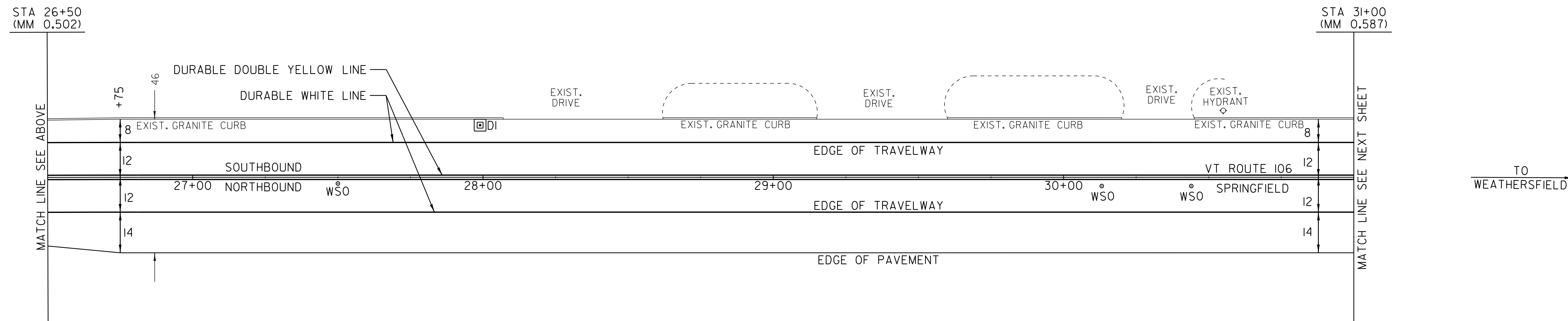
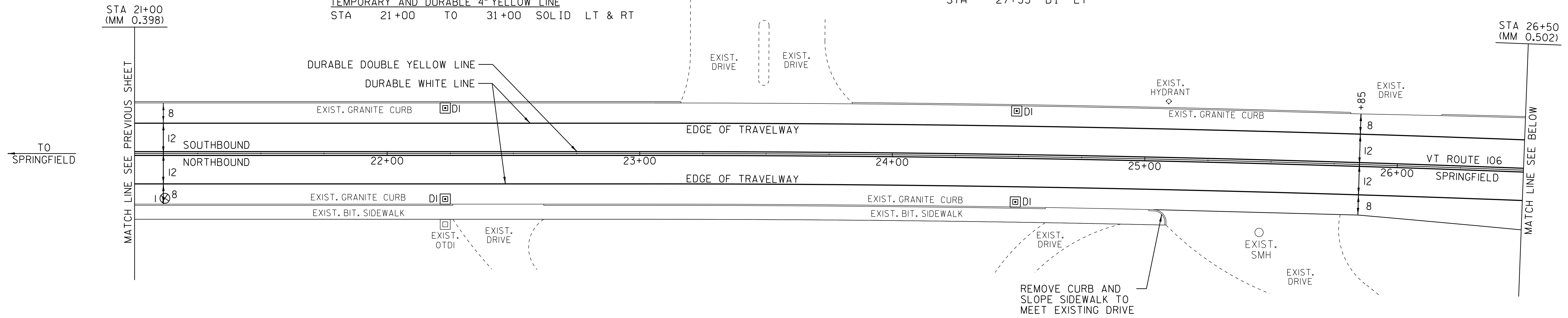
PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia02.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 13 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 21+00 TO 31+00 SOLID LT
 STA 21+00 TO 31+00 SOLID RT

REHABILITATION OF DI, CB, OR MH, CLASS I
 STA 22+23 DI RT
 STA 22+23 DI LT
 STA 24+49 DI RT
 STA 24+49 DI LT
 STA 27+99 DI LT

ADJUST ELEVATION OF VALVE BOX
 STA 27+50 RT
 STA 30+15 RT
 STA 30+44 RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 21+00 TO 31+00 SOLID LT & RT



DATUM
 VERTICAL _____
 HORIZONTAL _____

PAVEMENT CORES - ⊗
 STA TOTAL PCC
 DEPTH (IN)
 1 STA 21+12 RT 5 N

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #3

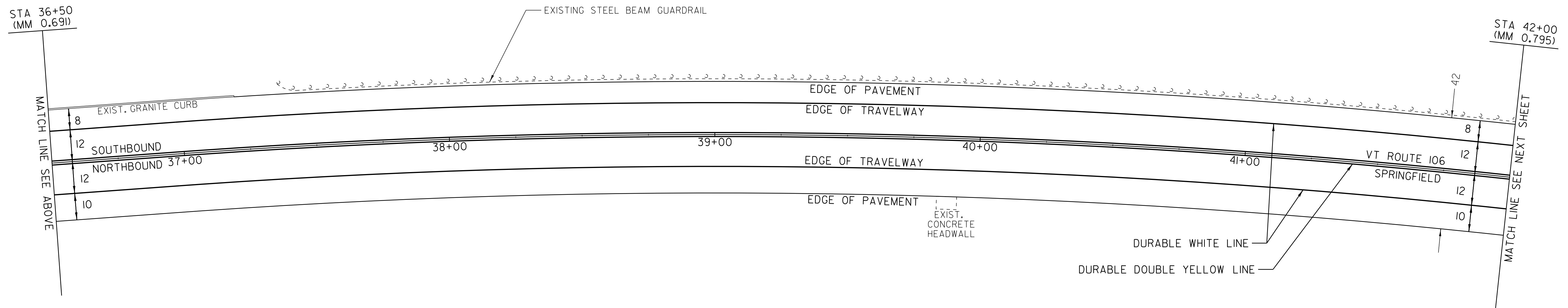
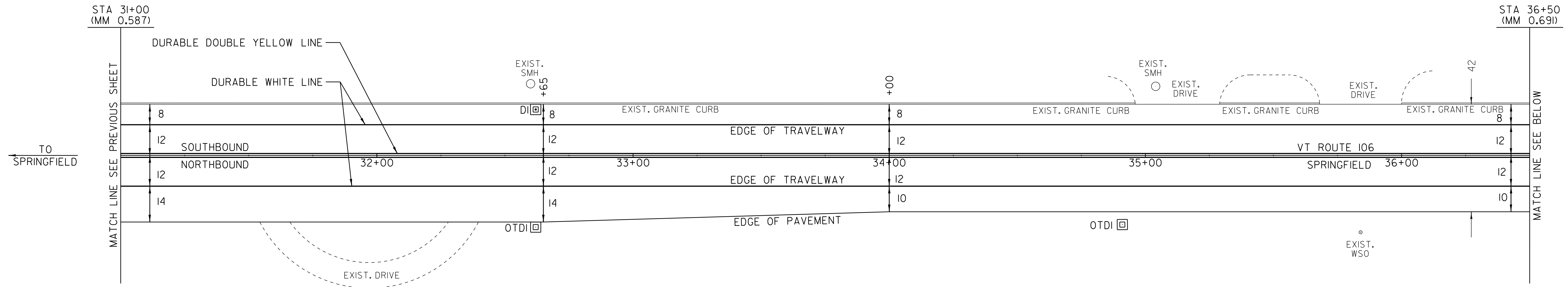
PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia03.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 14 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 31+00 TO 42+00 SOLID LT
 STA 31+00 TO 42+00 SOLID RT

REHABILITATION OF DI, CB, OR MH, CLASS I
 STA 32+62 OTDI RT
 STA 32+62 DI LT
 STA 34+91 OTDI RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 31+00 TO 42+00 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 37+37 TO 42+00 LT



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

**PAVING
 PROJECT
 LAYOUT #4**

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia04.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 15 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 42+00 TO 49+61 SOLID RT
 STA 42+00 TO 53+00 SOLID LT
 STA 49+86 TO 53+00 SOLID RT

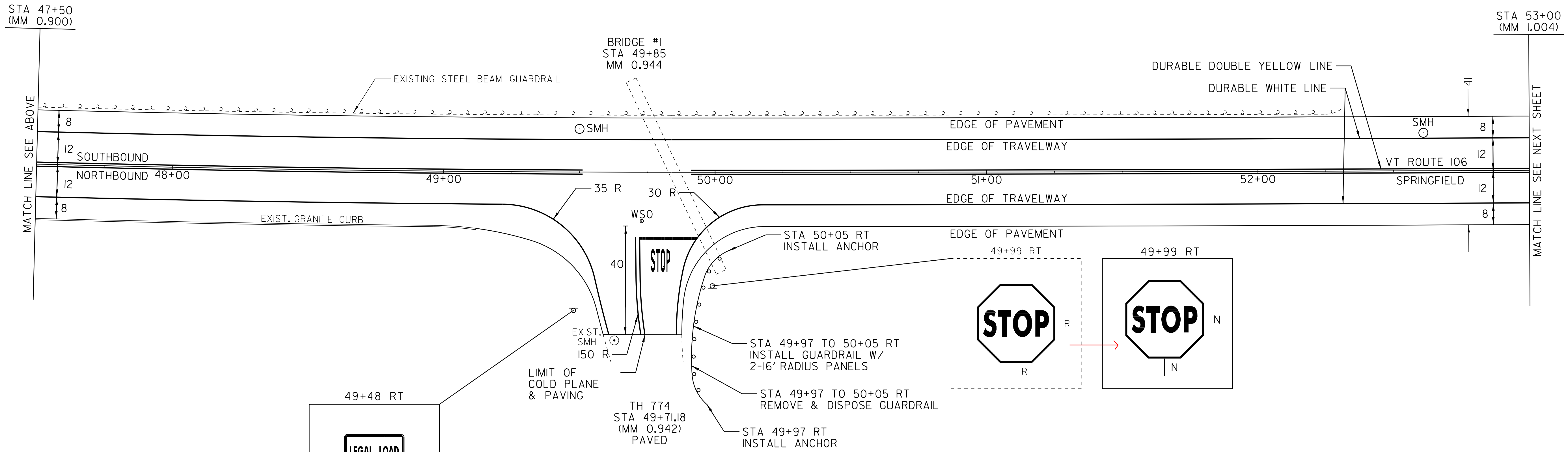
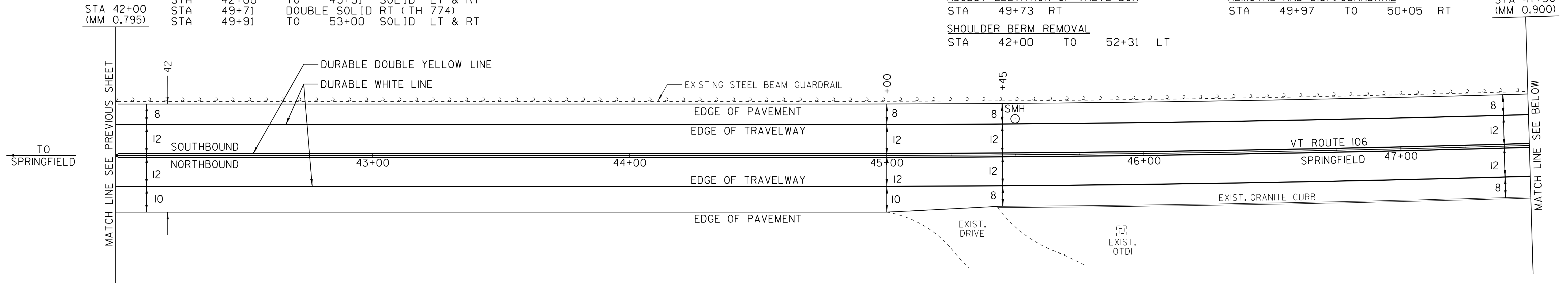
TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 42+00 TO 49+51 SOLID LT & RT
 STA 49+71 DOUBLE SOLID RT (TH 774)
 STA 49+91 TO 53+00 SOLID LT & RT

TEMPORARY AND DURABLE 24" STOP BAR
 STA 49+71 RT (TH 774)
 TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 49+80 RT - "STOP" (TH 774)

CHANGING ELEVATION OF SMH
~~STA 45+50 LT~~
~~STA 49+50 LT~~
~~STA 52+61 LT~~
 ADJUST ELEVATION OF VALVE BOX
 STA 49+73 RT
 SHOULDER BERM REMOVAL
 STA 42+00 TO 52+31 LT

STEEL BEAM GUARDRAIL
 STA 49+97 TO 50+05 RT
 ANCHOR FOR STEEL BEAM RAIL
 STA 49+97 RT
 STA 50+05 RT
 REMOVAL AND DISP. GUARDRAIL
 STA 49+97 TO 50+05 RT
 STA 47+50 (MM 0.900)

REMOVING SIGNS
 AS SHOWN - 1



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

PAVING PROJECT LAYOUT #5

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

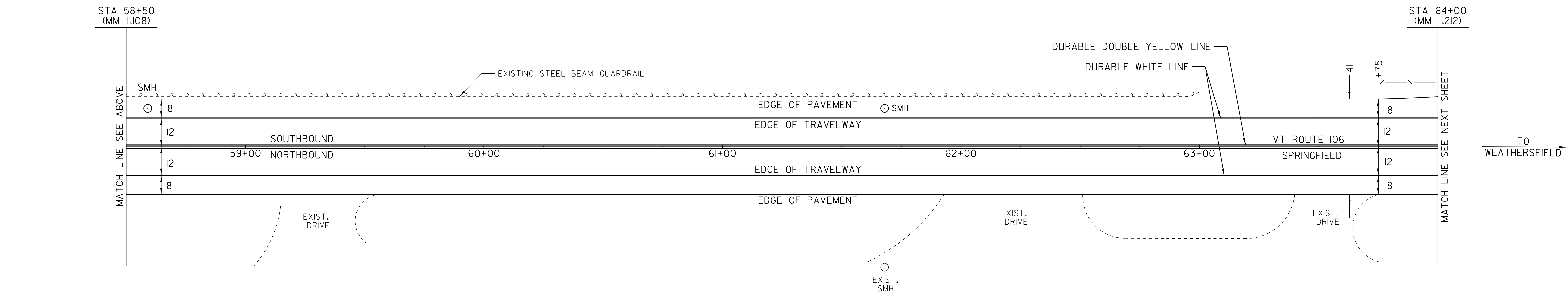
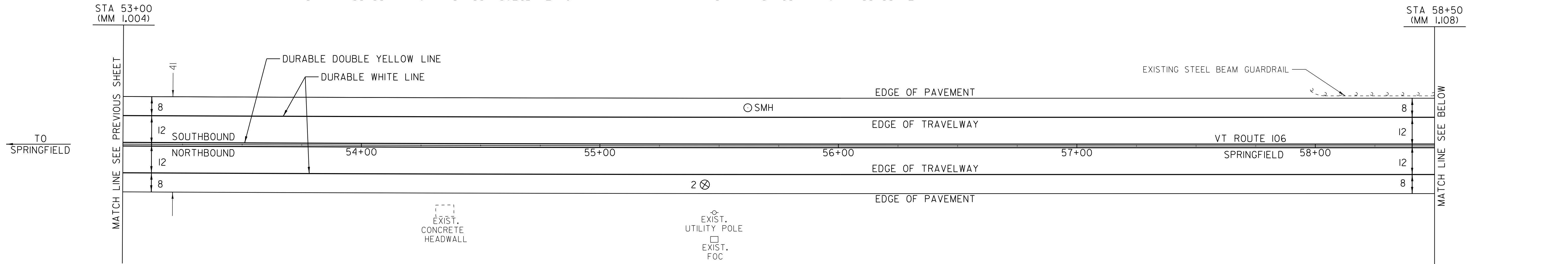
PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia05.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 16 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 53+00 TO 64+00 SOLID LT
 STA 53+00 TO 64+00 SOLID RT

CHANGING ELEVATION OF SMH
~~STA 55+62 LT~~
~~STA 58+59 LT~~
~~STA 61+68 LT~~

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 53+00 TO 64+00 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 57+98 TO 63+00 LT



PRECISION VALLEY COMMUNICATIONS

VERMONT LIQUOR OUTLET

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

DATUM
 VERTICAL _____
 HORIZONTAL _____

PAVEMENT CORES - ⊗			
STA	TOTAL DEPTH (IN)	PCC	
2 STA 55+44 RT	2 1/2	N	

NOT TO SCALE

PAVING PROJECT LAYOUT #6

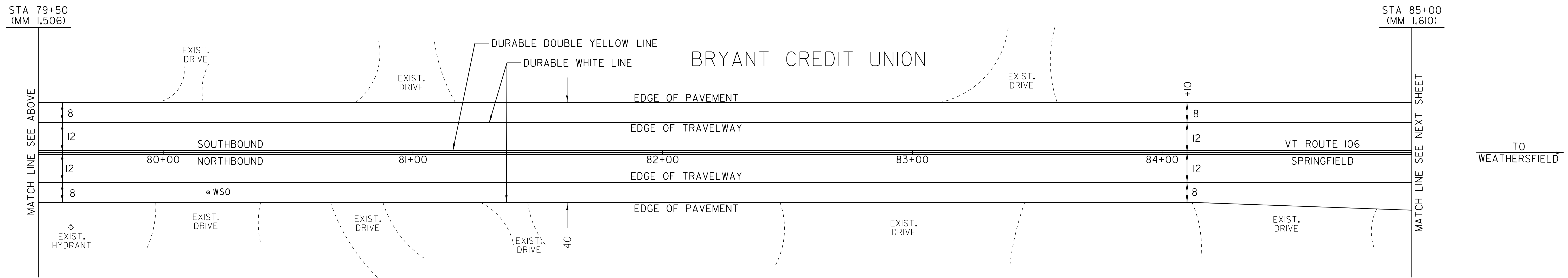
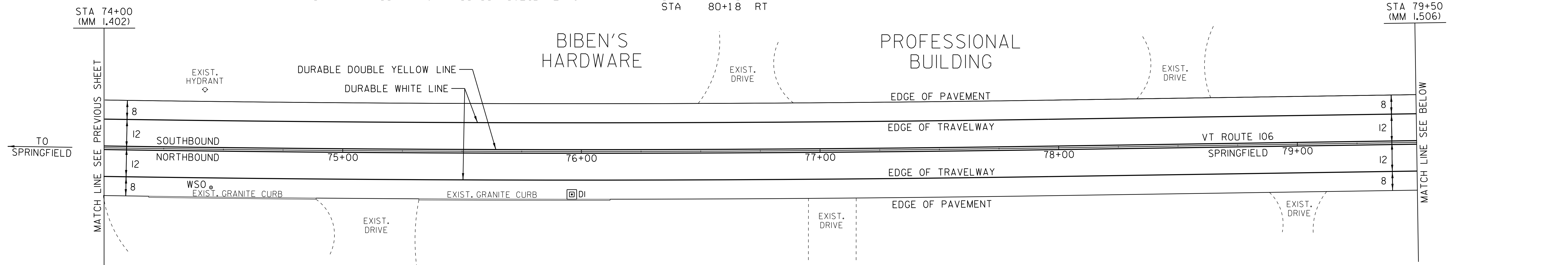
PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia06.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 17 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 74+00 TO 85+00 SOLID LT
 STA 74+00 TO 85+00 SOLID RT

REHABILITATION OF DI, CB, OR MH, CLASS I
 STA 75+96 DI RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 74+00 TO 85+00 SOLID LT & RT

ADJUST ELEVATION OF VALVE BOX
 STA ~~74+45~~ RT
 STA 80+18 RT



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - = EXISTING RAIL

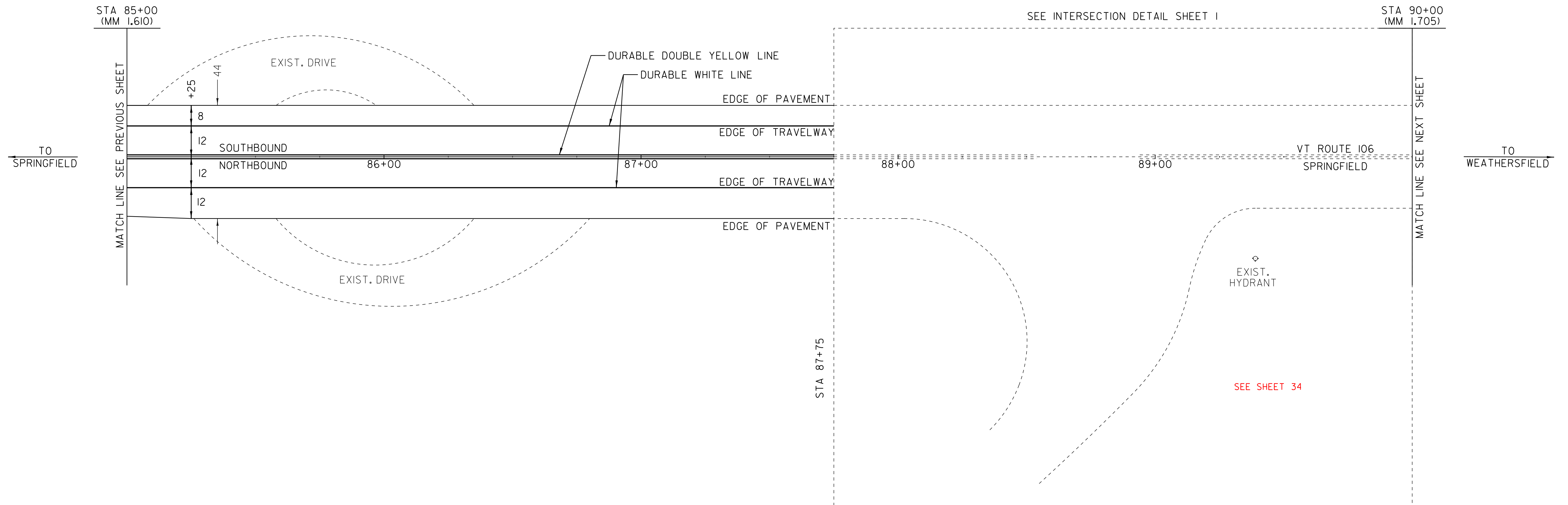
NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

**PAVING
 PROJECT
 LAYOUT #8**

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia08.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 19 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 85+00 TO 87+75 SOLID RT
 STA 85+00 TO 87+75 SOLID LT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 85+00 TO 87+75 SOLID LT & RT



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

**PAVING
PROJECT
LAYOUT #9**

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038ia09.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 20 OF 42
CLD 04-0397	

DATUM

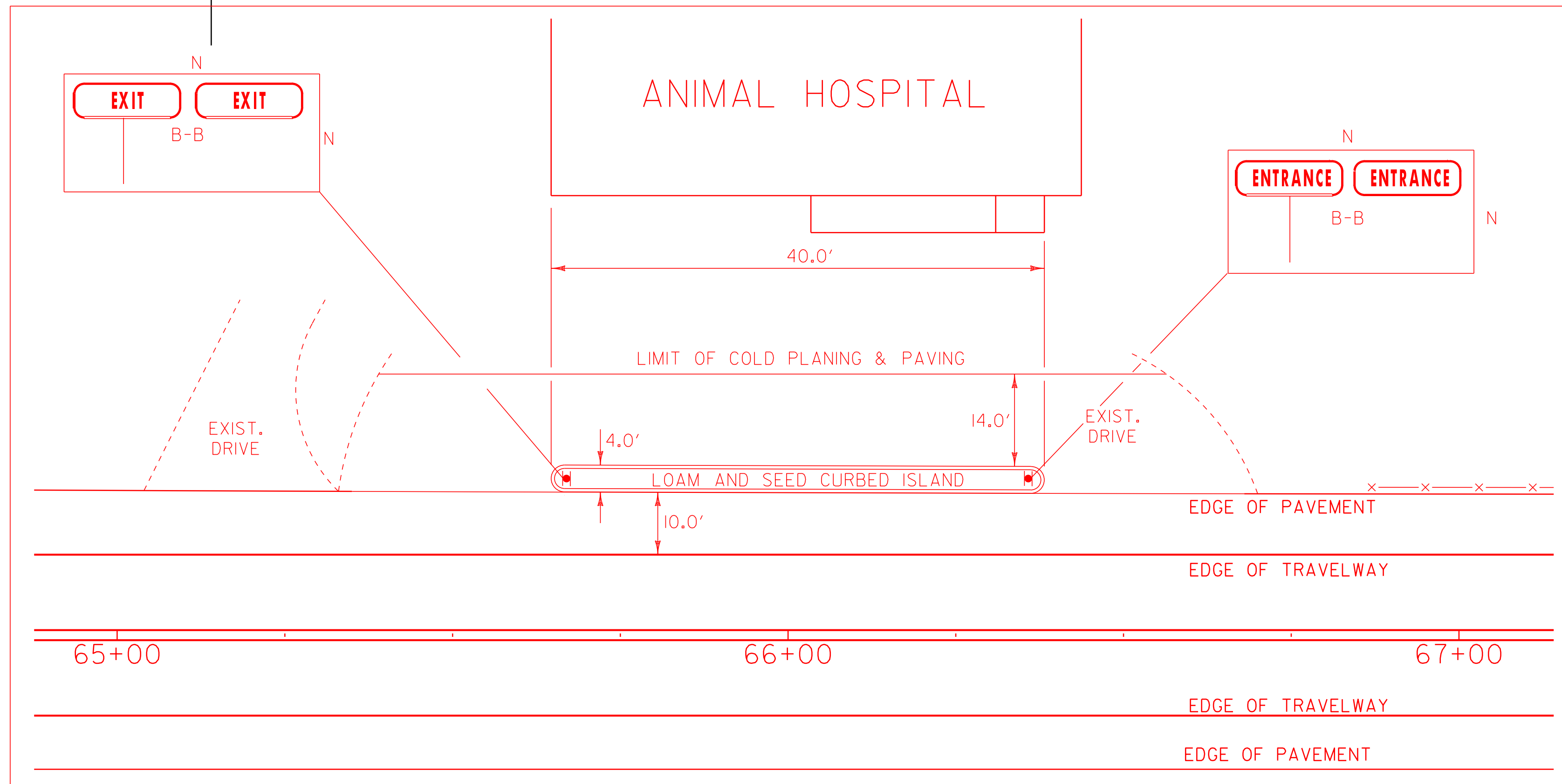
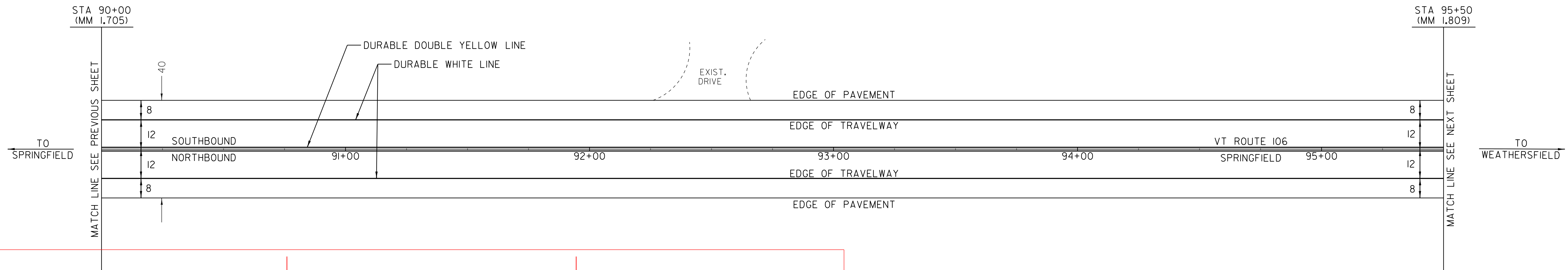
VERTICAL	_____
HORIZONTAL	_____

NOT TO SCALE

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 90+00 TO 95+50 SOLID LT
 STA 90+00 TO 95+50 SOLID RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 90+00 TO 95+50 SOLID LT & RT

WOODBURY FLORIST



DETAIL REFERENCED ON SHEET 18

NOT TO SCALE

DATUM
 VERTICAL _____
 HORIZONTAL _____

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #10

PROJECT:	SPRINGFIELD	PROJECT NO.:	STP 2405(I)S
DESIGN FILE NAME:	/pave/04b038/pb038.dgn	PLOT DATE:	19-JUN-2012 08:11
IPARM FILE NAME:	pb038la10.i	SURVEY DATE:	12/04
SURVEYED BY:	CLD	DRAWN BY:	SRB
SQUAD LEADER:	CRB	SHEET:	21 OF 42
CLD 04-0397			

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 95+50 TO 100+34 SOLID RT
 STA 95+50 TO 101+00 SOLID LT
 STA 99+38 TO 100+07 SOLID RT (ISL. EDGE LINE)
 STA 100+42 TO 101+00 SOLID RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 95+50 TO 99+98 SOLID LT & RT
 STA 100+18 DOUBLE SOLID RT (TH 9)
 STA 100+38 TO 101+00 SOLID LT & RT
 STA 99+38 TO 99+92 SOLID RT

TEMPORARY AND DURABLE 24" STOP BAR
 STA 100+18 RT (TH 9)

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 99+90 TO 99+96 RT - 5 "YIELD MARKINGS" (TH 9)
 STA 100+25 RT - "STOP" (TH 9)

TEMPORARY AND DURABLE 8" WHITE LINE
 STA 98+97 ~ 99+38 RT (GORE)
 STA 99+92 ~ 100+07 RT (GORE)

PAINTED CURB
 STA 99+39 ~ 100+04 RT (ISLAND)

CHANGE ELEV. OF SMH
 STA 96+90 RT

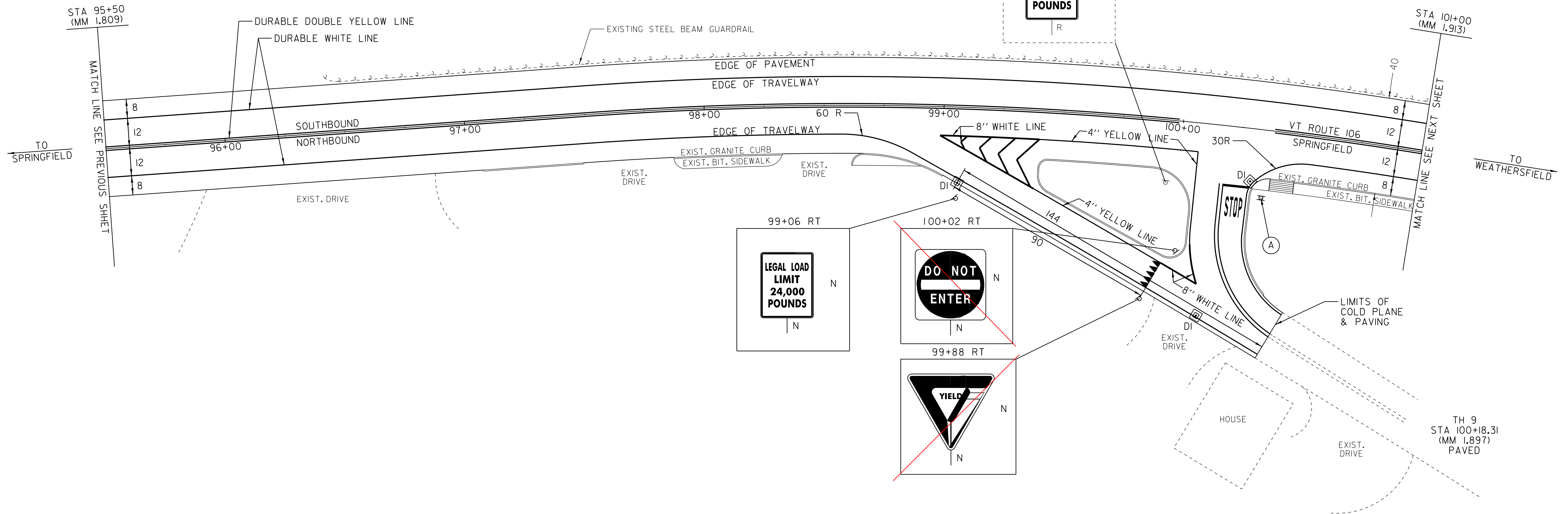
CHANGE ELEV. OF DI
 STA. 99+6 DIRT
 STA. 100+3 DIRT

CONSTRUCT SIDEWALK RAMP W/ DETECTABLE WARNING SURFACE (YELLOW)
 STA 100+31 RT (TYPE 1)

REHABILITATION OF DI, CB, OR MH
 STA 99+06 DI RT
 STA 100+13 DI RT
 STA 100+30 DI RT

SHOULDER BERM REMOVAL
 STA 96+43 TO 101+00 LT

REMOVING SIGNS
 AS SHOWN - 4



LEGEND

R	= REMOVE EXISTING
S	= SALVAGE
R & S	= REMOVE AND SALVAGE
N	= NEW
RET	= RETAIN
B-B	= BACK TO BACK
—	= NEW RAIL
—	= EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

DATUM

VERTICAL	_____
HORIZONTAL	_____

NOT TO SCALE

PAVING PROJECT LAYOUT #11

PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038iparm.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 22 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 101+00 TO 112+00 SOLID LT
 STA 101+00 TO 112+00 SOLID RT

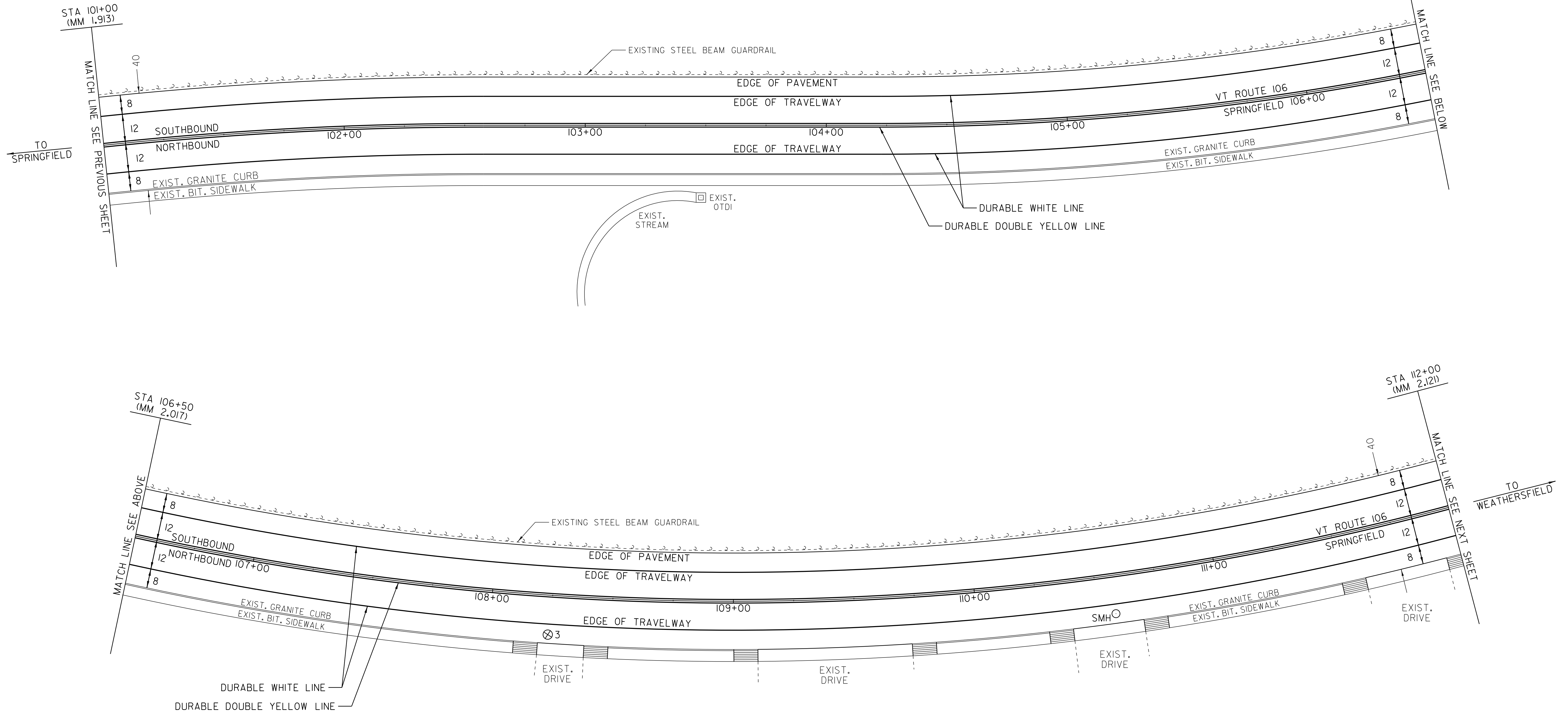
CHANGING ELEVATION OF SMH
 STA 110+57 RT

CONSTRUCT SIDEWALK RAMP
 STA 108+20 RT (TYPE 1)
 STA 108+39 RT (TYPE 1)
 STA 109+10 RT (TYPE 1)
 STA 109+73 RT (TYPE 1)
 STA 110+39 RT (TYPE 1)
 STA 110+68 RT (TYPE 1)
 STA 111+60 RT (TYPE 1)
 STA 111+94 RT (TYPE 1)

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 101+00 TO 112+00 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 101+00 TO 112+00 LT

BITUMINOUS
 SIDEWALK
 RAMPS



GM DEALERSHIP

LEGEND

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

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

**PAVING
 PROJECT
 LAYOUT #12**

PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038la12.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 23 OF 42
CLD 04-0397	

DATUM
 VERTICAL _____
 HORIZONTAL _____

PAVEMENT CORES - ⊗

STA	TOTAL DEPTH (IN)	PCC
3 STA 108+24 RT	6	N

NOT TO SCALE

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 112+00 TO 117+50 SOLID LT
 STA 112+00 TO 117+50 SOLID RT

REHABILITATION OF DI, CB, OR MH, CLASS 1
 STA 114+20 DI RT
 STA 116+29 DI RT

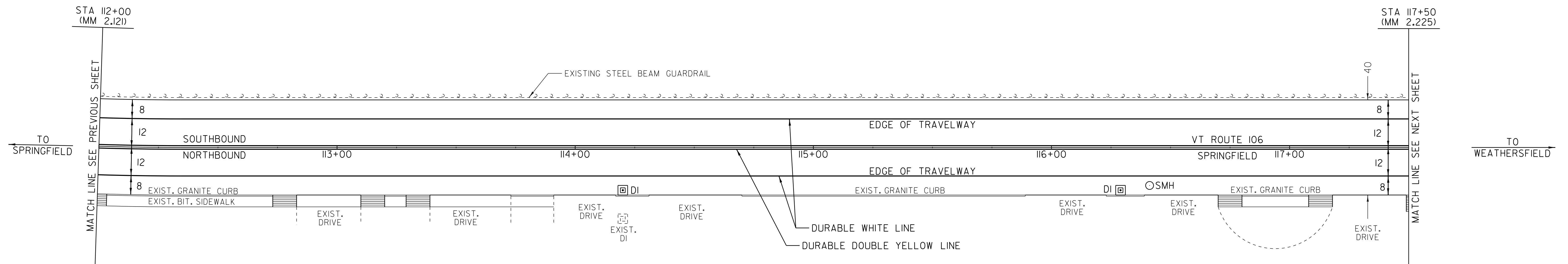
SHOULDER BERM REMOVAL
 STA 112+00 TO 117+50 LT

CONSTRUCT SIDEWALK RAMP
 STA 112+83 RT (TYPE 1)
 STA 113+10 RT (TYPE 1)
 STA 113+39 RT (TYPE 1)
 STA 116+70 RT (TYPE 1)
 STA 117+18 RT (TYPE 1)
 STA 117+49 RT (TYPE 1)

BITUMINOUS
 SIDEWALK
 RAMPS

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 112+00 TO 117+50 SOLID LT & RT

CHANGING ELEVATION OF SMH
 STA ~~116+41~~ RT



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

**PAVING
 PROJECT
 LAYOUT #13**

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038la13.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 24 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 117+50 TO 121+78 SOLID RT
 STA 117+50 TO 122+20 SOLID LT
 STA 122+04 TO 123+00 SOLID RT
 STA 122+38 TO 123+00 SOLID LT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 117+50 TO 121+69 SOLID LT & RT
 STA 121+89 DOUBLE SOLID RT (TH 752)
 STA 122+00 DOUBLE SOLID LT (TH 6)
 STA 122+20 TO 123+00 SOLID LT & RT

TEMPORARY AND DURABLE 24" STOP BAR
 STA 121+89 RT (TH 752)
 STA 122+00 LT (TH 6)

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 121+90 LT - "STOP" (TH 6)
 STA 121+97 RT - "STOP" (TH 752)

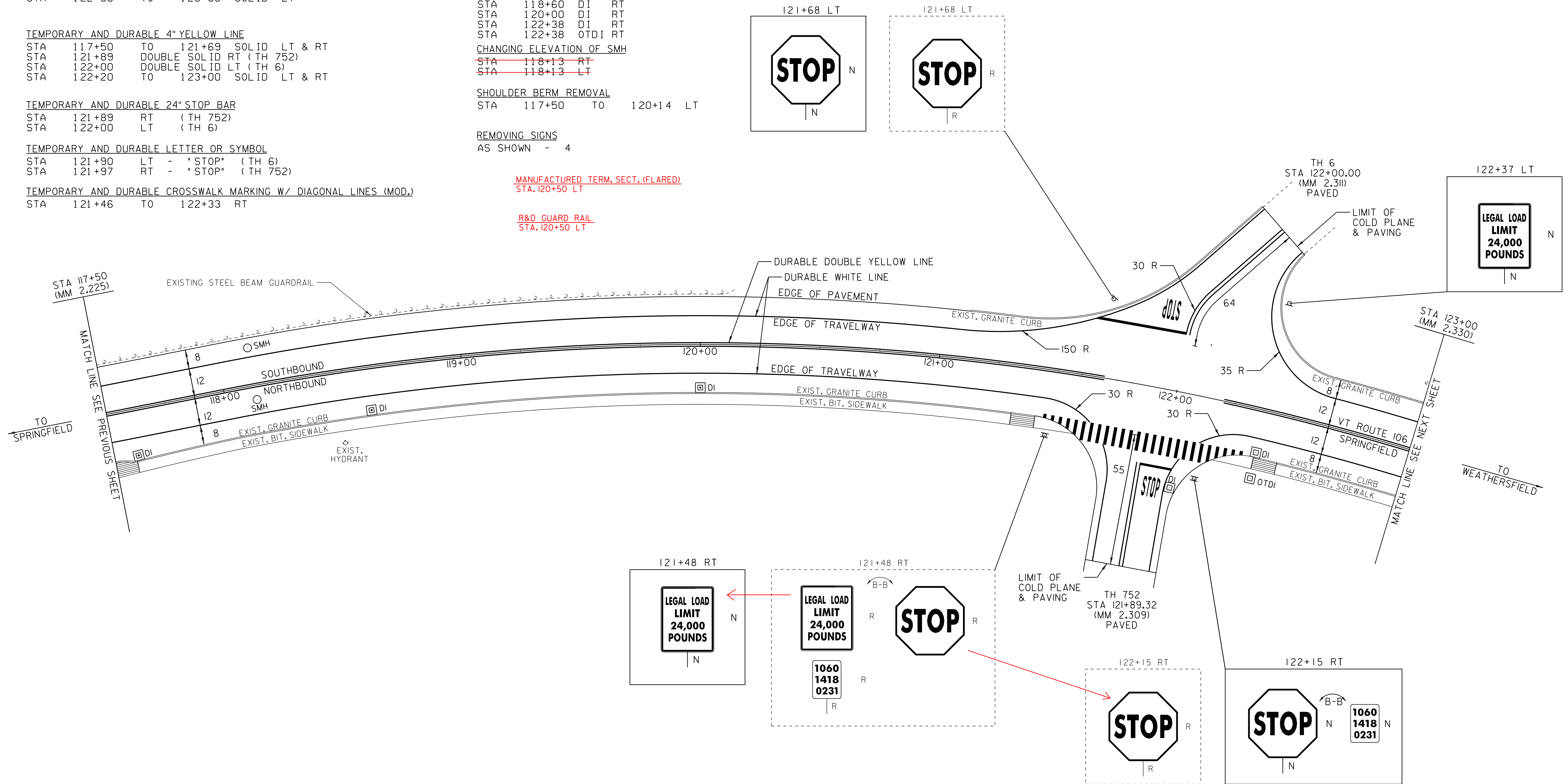
TEMPORARY AND DURABLE CROSSWALK MARKING W/ DIAGONAL LINES (MOD.)
 STA 121+46 TO 122+33 RT

CHANGING ELEVATION OF DI, CB OR MH
~~STA 122+05 DI RT~~
 REHABILITATION OF DI, CB, OR MH, CLASS I
 STA 117+60 DI RT
 STA 118+60 DI RT
 STA 120+00 DI RT
 STA 122+38 DI RT
 STA 122+38 OTDI RT
 CHANGING ELEVATION OF SMH
~~STA 118+13 RT~~
~~STA 118+13 LT~~
 SHOULDER BERM REMOVAL
 STA 117+50 TO 120+14 LT
 REMOVING SIGNS
 AS SHOWN - 4

CONSTRUCT SIDEWALK RAMP W/
 DETECTABLE WARNING SURFACE (YELLOW)
 STA 121+60 RT (TYPE 1)
 STA 122+20 RT (TYPE 1)

MANUFACTURED TERM. SECT. (FLARED)
 STA. 120+50 LT

R&D GUARD RAIL
 STA. 120+50 LT



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

LEGEND
 R = REMOVE EXISTING
 S = SALVAGE
 R & S = REMOVE AND SALVAGE
 N = NEW
 RET = RETAIN
 B-B = BACK TO BACK
 — = NEW RAIL
 - - - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

**PAVING
 PROJECT
 LAYOUT #14**

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb0381a1.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 25 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 123+00 TO 127+55 SOLID RT
 STA 123+00 TO 127+59 SOLID LT
 STA 127+82 TO 128+50 SOLID RT
 STA 127+84 TO 128+50 SOLID LT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 123+00 TO 127+49 SOLID LT & RT
 STA 127+69 DOUBLE SOLID RT (TH 740)
 STA 127+75 DOUBLE SOLID LT (TH 740)
 STA 127+95 TO 128+50 SOLID LT & RT

TEMPORARY AND DURABLE 24" STOP BAR
 STA 127+69 RT (TH 740)
 STA 127+75 LT (TH 740)

TEMPORARY AND DURABLE LETTER OR SYMBOL
 STA 127+67 LT - "STOP" (TH 740)
 STA 127+77 RT - "STOP" (TH 740)

TEMPORARY AND DURABLE CROSSWALK MARKING W/ DIAGONAL LINES (MOD.)
 STA 127+58 TO 127+89 LT

REHABILITATION OF DI, CB, OR MH, CLASS I
 STA 124+85 DI LT

STEEL BEAM GUARDRAIL
 STA 127+33 TO 127+44 RT
~~STA 127+33 TO 127+46 LT~~
 STA 127+83 TO 128+07 RT

ANCHOR FOR STEEL BEAM GUARD RAIL
 STA 127+44 RT
~~STA 127+46 LT~~
 STA 127+83 RT

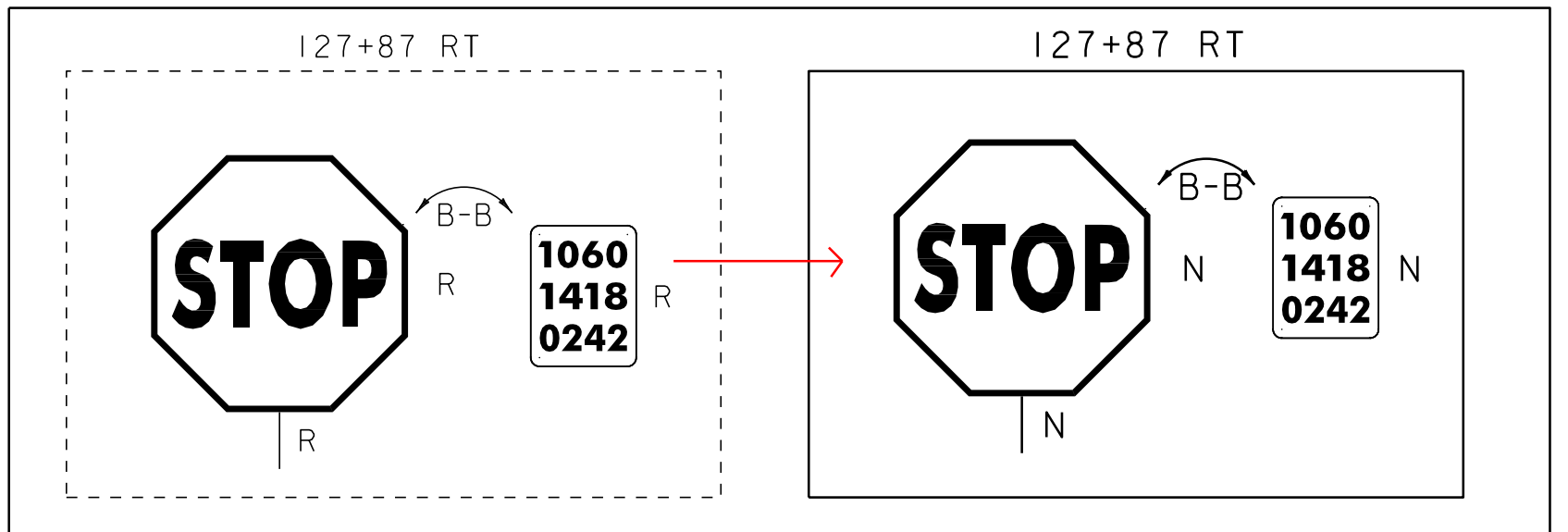
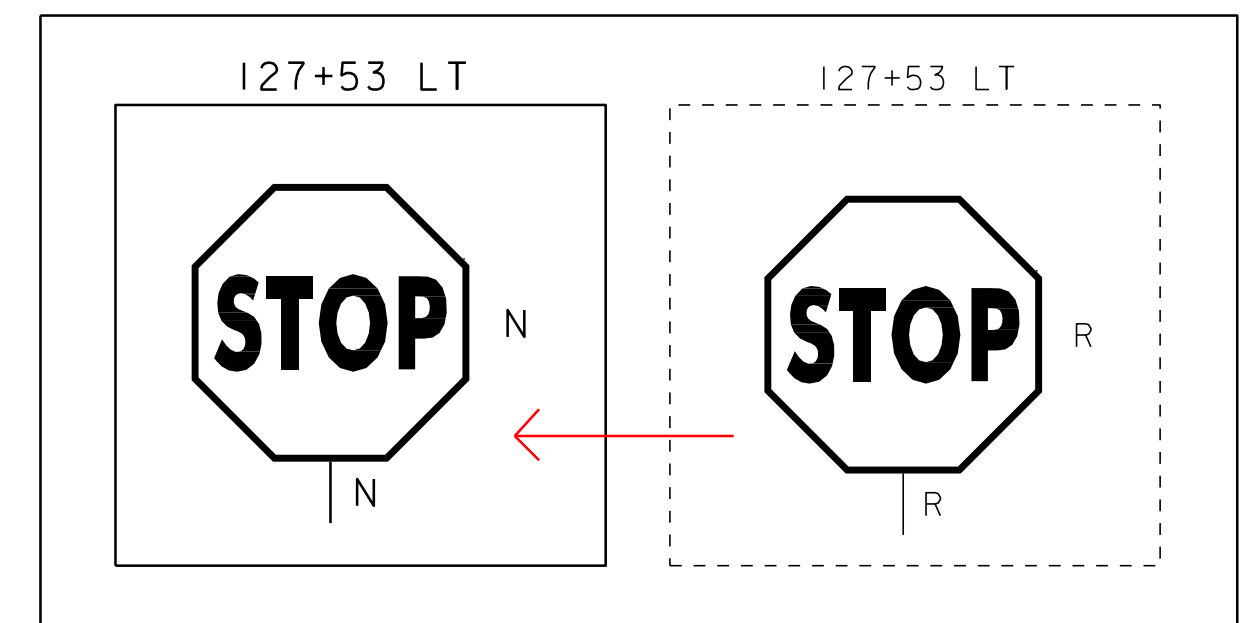
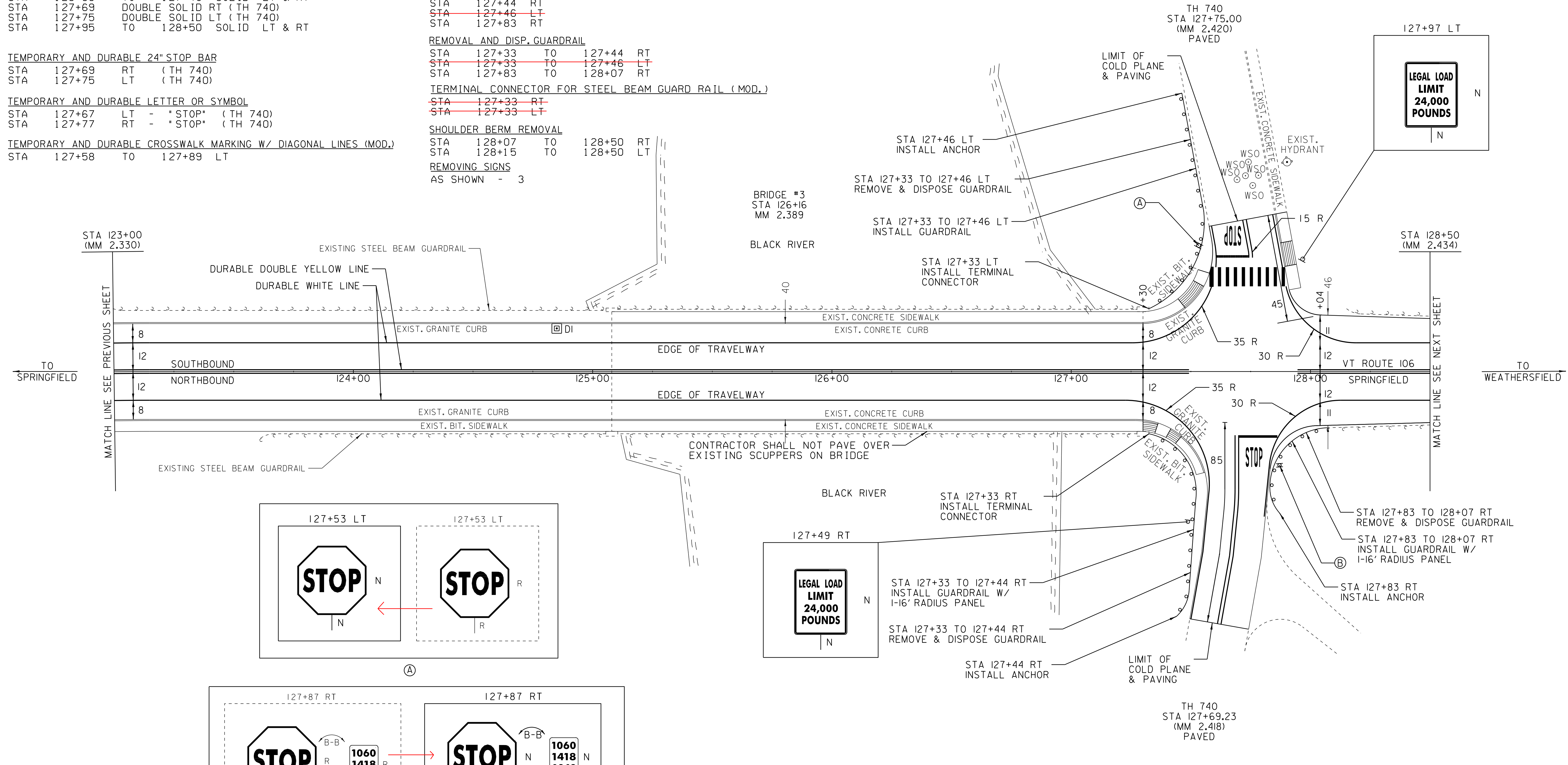
REMOVAL AND DISP. GUARDRAIL
 STA 127+33 TO 127+44 RT
~~STA 127+33 TO 127+46 LT~~
 STA 127+83 TO 128+07 RT

TERMINAL CONNECTOR FOR STEEL BEAM GUARD RAIL (MOD.)
~~STA 127+33 RT~~
~~STA 127+33 LT~~

SHOULDER BERM REMOVAL
 STA 128+07 TO 128+50 RT
 STA 128+15 TO 128+50 LT

REMOVING SIGNS
 AS SHOWN - 3

CONSTRUCT SIDEWALK RAMP W/ DETECTABLE WARNING SURFACE (YELLOW)
 STA 127+45 RT (TYPE 6)
 STA 127+55 LT (TYPE 6)
 STA 127+94 LT (TYPE 6)



NOT TO SCALE

- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

DATUM
 VERTICAL _____
 HORIZONTAL _____

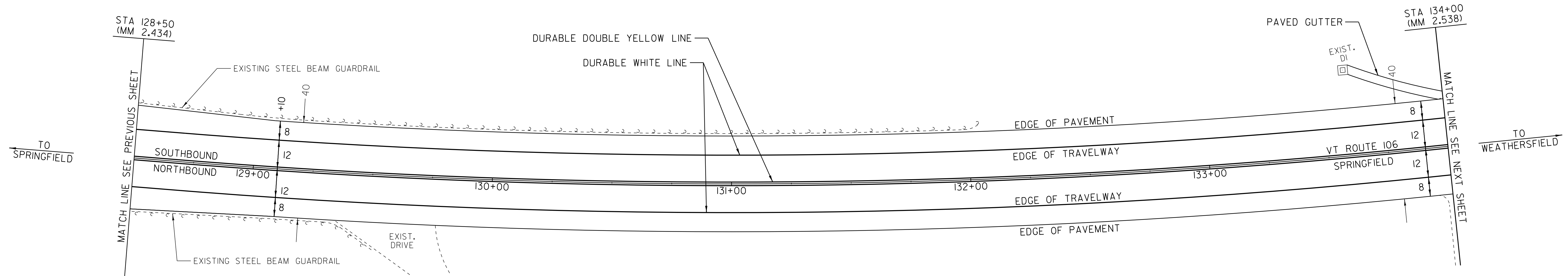
PAVING PROJECT LAYOUT #15	PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
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	IPARM FILE NAME: pb0381a15.i	SURVEY DATE: 12/04
	SURVEYED BY: CLD SQUAD LEADER: CRB CLD 04-0397	DRAWN BY: SRB SHEET: 26 OF 42

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 128+50 TO 134+00 SOLID LT
 STA 128+50 TO 134+00 SOLID RT

SHOULDER BERM REMOVAL
 STA 128+50 TO 129+51 RT
 STA 128+50 TO 132+04 LT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 128+50 TO 134+00 SOLID LT & RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA 133+59 TO STA 134+00 LT - GUTTER



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

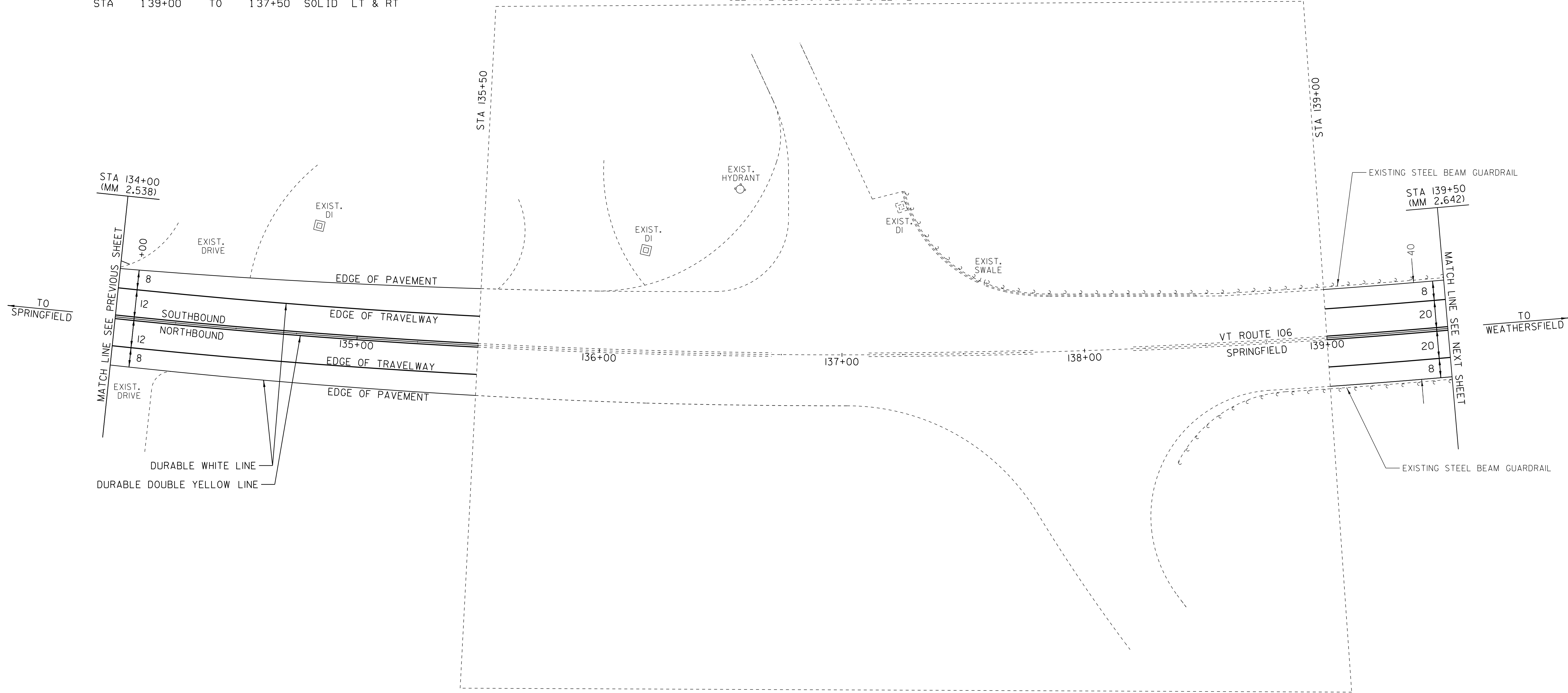
PAVING PROJECT LAYOUT #16	PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
	DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
	IPARM FILE NAME: pb0381a16.i	SURVEY DATE: 12/04
	SURVEYED BY: CLD	DRAWN BY: SRB
	SQUAD LEADER: CRB	SHEET: 27 OF 42
	CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 134+00 TO 135+50 SOLID LT
 STA 134+00 TO 135+50 SOLID RT
 STA 139+00 TO 139+50 SOLID LT
 STA 139+00 TO 139+50 SOLID RT

SHOULDER BERM REMOVAL
 STA 139+00 TO 139+50 RT
 STA 139+00 TO 139+50 LT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 134+00 TO 135+50 SOLID LT & RT
 STA 139+00 TO 137+50 SOLID LT & RT

SEE INTERSECTION DETAIL SHEET 2



DURABLE WHITE LINE
 DURABLE DOUBLE YELLOW LINE

LEGEND

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

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

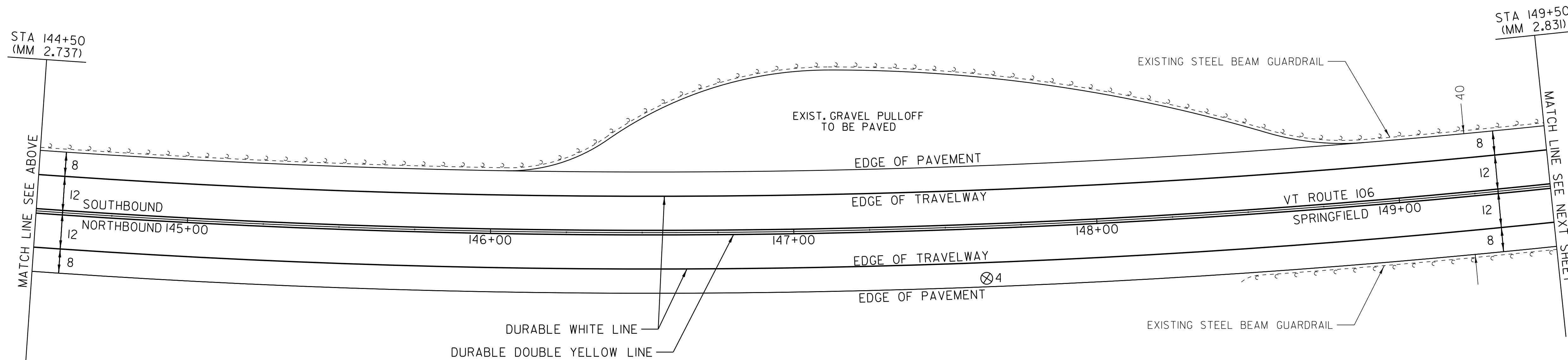
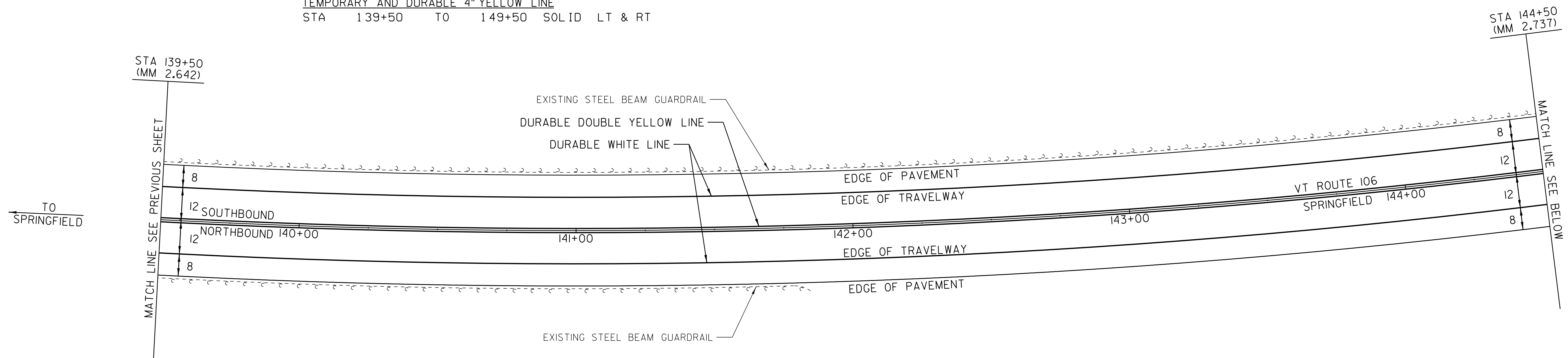
**PAVING
 PROJECT
 LAYOUT #17**

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038la17.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 28 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 139+50 TO 149+50 SOLID LT
 STA 139+50 TO 149+50 SOLID RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 139+50 TO 149+50 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 139+50 TO 141+84 RT
 STA 139+50 TO 149+50 LT
 STA 148+46 TO 149+50 RT



DATUM
 VERTICAL _____
 HORIZONTAL _____

PAVEMENT CORES - ⊗

STA	TOTAL DEPTH (IN)	PCC
4 STA 147+63 RT	3	N

NOT TO SCALE

LEGEND

R	= REMOVE EXISTING
S	= SALVAGE
R & S	= REMOVE AND SALVAGE
N	= NEW
RET	= RETAIN
B-B	= BACK TO BACK
—	= NEW RAIL
- - -	= EXISTING RAIL

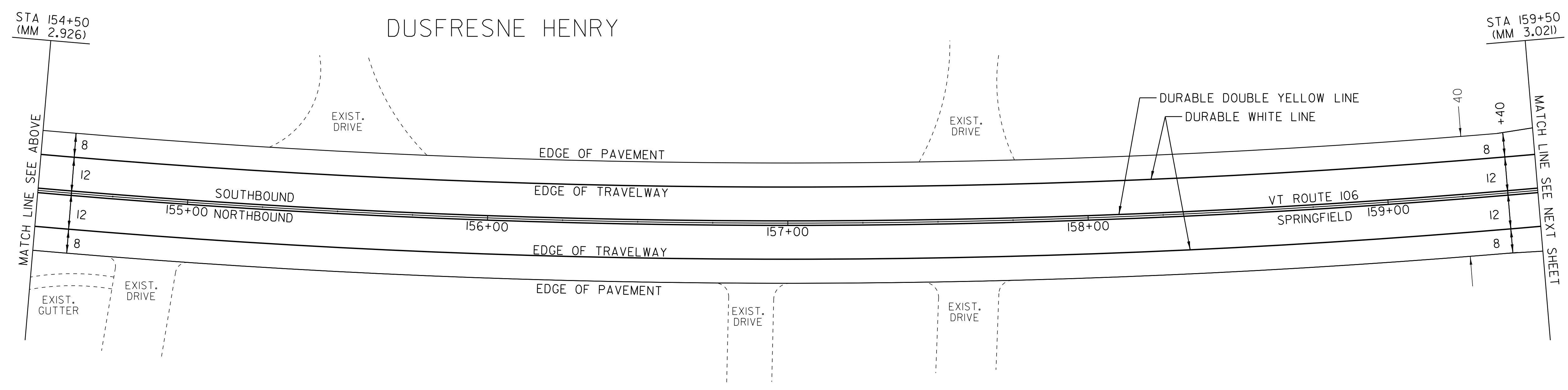
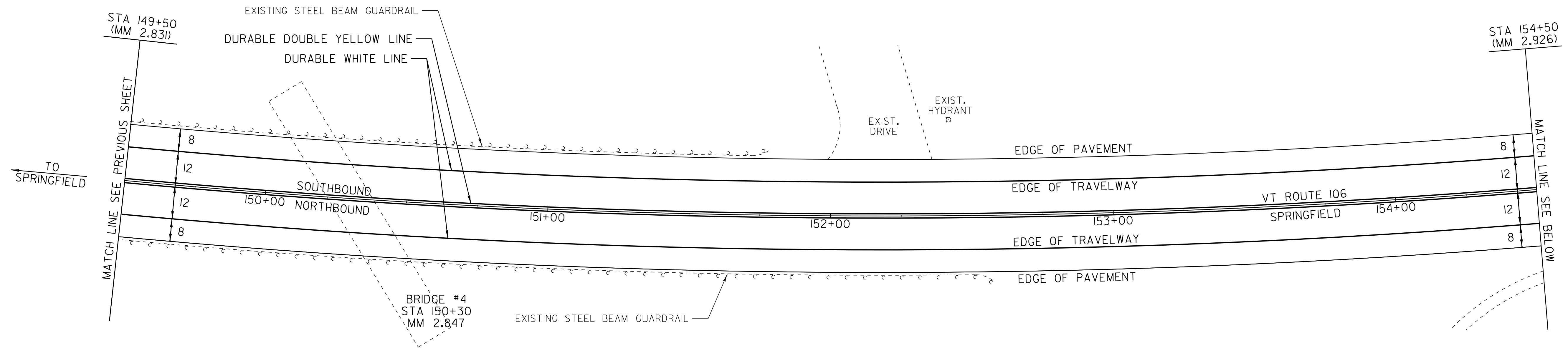
NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

PAVING PROJECT LAYOUT #18

PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038la18.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 29 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 149+50 TO 159+50 SOLID LT
 STA 149+50 TO 159+50 SOLID RT
 TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 149+50 TO 159+50 SOLID LT & RT

SHOULDER BERM REMOVAL
 STA 149+50 TO 151+78 LT
 STA 149+50 TO 152+57 RT



DATUM
 VERTICAL _____
 HORIZONTAL _____

NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R & S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = NEW RAIL
 - - - = EXISTING RAIL

**PAVING
 PROJECT
 LAYOUT #19**

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038la19.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 30 OF 42
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE			
STA 159+50	TO	160+97	SOLID RT
STA 159+50	TO	161+25	SOLID LT
STA 161+20	TO	164+50	SOLID RT
STA 161+50	TO	164+50	SOLID LT

TEMPORARY AND DURABLE 24" STOP BAR			
STA 161+10	RT	(TH 724)	
STA 161+38	LT	(TH 724)	

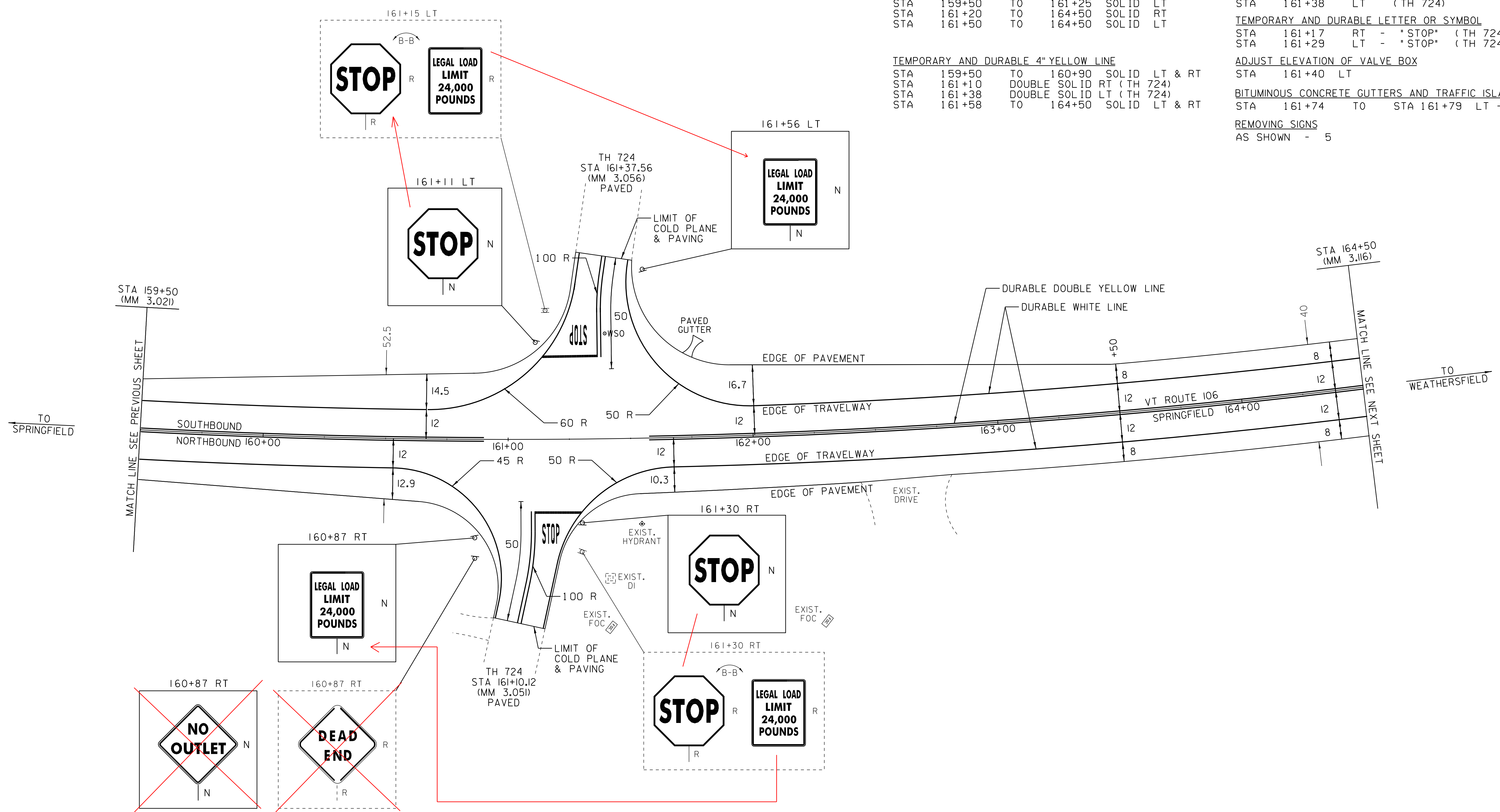
TEMPORARY AND DURABLE 4" YELLOW LINE			
STA 159+50	TO	160+90	SOLID LT & RT
STA 161+10	TO	161+25	DOUBLE SOLID RT (TH 724)
STA 161+38	TO	164+50	DOUBLE SOLID LT (TH 724)
STA 161+58	TO	164+50	SOLID LT & RT

TEMPORARY AND DURABLE LETTER OR SYMBOL			
STA 161+17	RT	- "STOP"	(TH 724)
STA 161+29	LT	- "STOP"	(TH 724)

ADJUST ELEVATION OF VALVE BOX
STA 161+40 LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA 161+74 TO STA 161+79 LT - GUTTER

REMOVING SIGNS
AS SHOWN - 5



TO
SPRINGFIELD

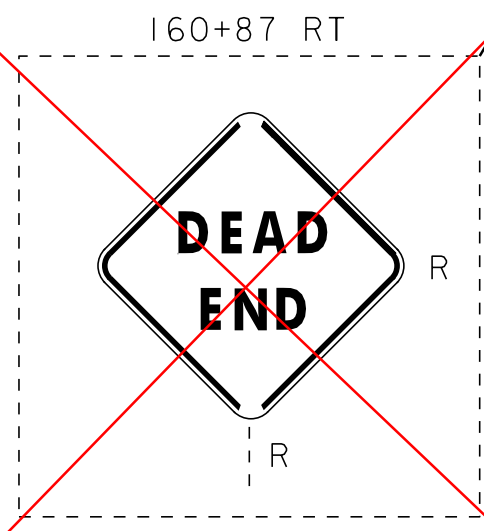
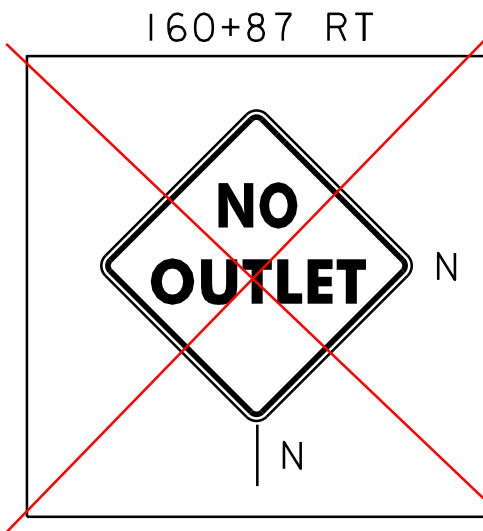
TO
WEATHERSFIELD

STA 159+50
(MM 3.021)

STA 164+50
(MM 3.116)

MATCH LINE SEE PREVIOUS SHEET

MATCH LINE SEE NEXT SHEET



NOT TO SCALE

LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R & S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
—	=	NEW RAIL
—	=	EXISTING RAIL

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

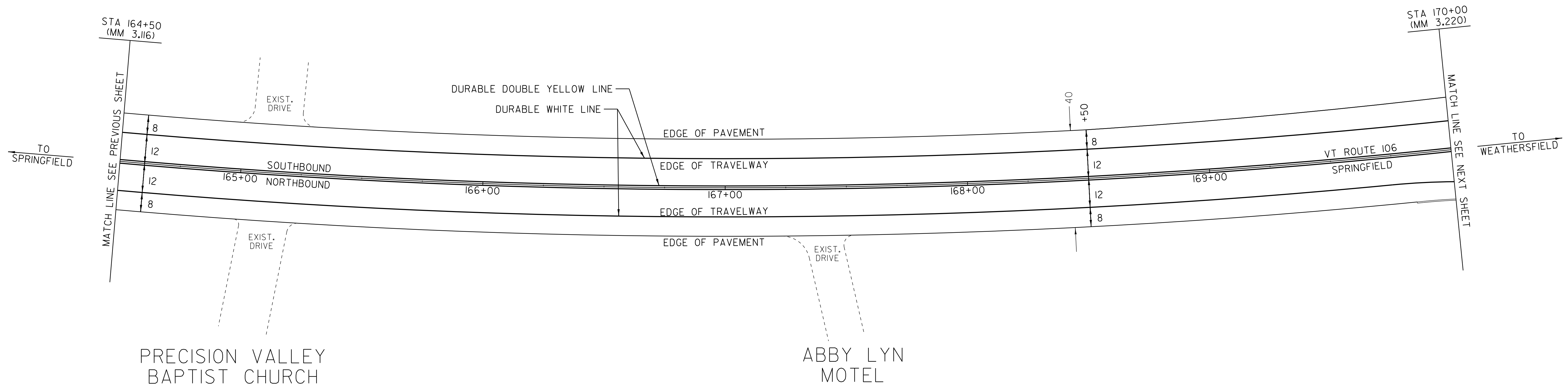
DATUM

VERTICAL	_____
HORIZONTAL	_____

PAVING PROJECT LAYOUT #20	PROJECT: SPRINGFIELD	PROJECT NO.: STP 2405(I)S
	DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
	IPARM FILE NAME: pb038la20.i	SURVEY DATE: 12/04
	SURVEYED BY: CLD SQUAD LEADER: CRB CLD 04-0397	DRAWN BY: SRB SHEET: 31 OF 42

TEMPORARY AND DURABLE 4" WHITE LINE
 STA 164+50 TO 170+00 SOLID LT
 STA 164+50 TO 170+00 SOLID RT

TEMPORARY AND DURABLE 4" YELLOW LINE
 STA 164+50 TO 170+00 SOLID LT & RT



NOT TO SCALE

LEGEND

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

NOTE: ALL DIMENSIONS ARE FEET EXCEPT AS INDICATED

DATUM
 VERTICAL _____
 HORIZONTAL _____

**PAVING
 PROJECT
 LAYOUT #21**

PROJECT: SPRINGFIELD	PROJECT NO. : STP 2405(I)S
DESIGN FILE NAME: /pave/04b038/pb038.dgn	PLOT DATE: 19-JUN-2012 08:11
IPARM FILE NAME: pb038la21.i	SURVEY DATE: 12/04
SURVEYED BY: CLD	DRAWN BY: SRB
SQUAD LEADER: CRB	SHEET: 32 OF 40
CLD 04-0397	

TEMPORARY AND DURABLE 4" WHITE LINE			
STA 87+75	TO	88+37	SOLID RT
STA 87+75	TO	90+00	SOLID LT
STA 88+59	TO	90+00	SOLID RT
TEMPORARY AND DURABLE 4" YELLOW LINE			
STA 87+75	TO	88+54	SOLID LT & RT
STA 88+74	DOUBLE	SOLID RT (TH 758)	
STA 88+94	TO	90+00	SOLID LT & RT

TEMPORARY AND DURABLE 24" STOP BAR		
STA 88+74	RT	(TH 758)
TEMPORARY AND DURABLE LETTER OR SYMBOL		
STA 88+81	RT	"STOP" (TH 758)
REMOVING SIGNS		
AS SHOWN	-	1

CHANGE ELEV. OF SMH
STA. 89+74 RT

STA 87+75
(MM 1.662)

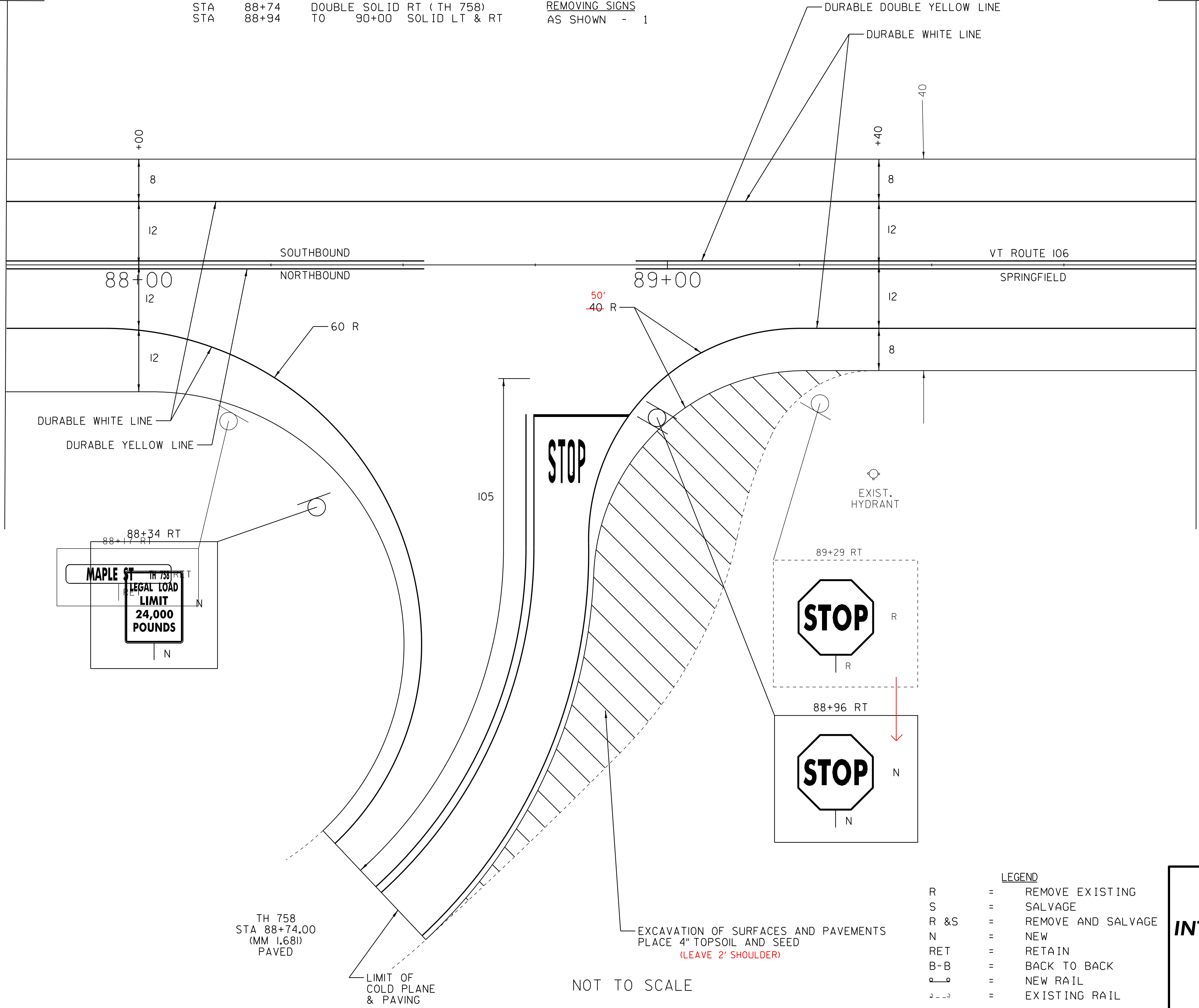
STA 90+00
(MM 1.705)

TO
SPRINGFIELD

TO
WEATHERSFIELD

MATCH LINE SEE SHEET 15

MATCH LINE SEE SHEET 16



DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

TH 758
STA 88+74.00
(MM 1.681)
PAVED

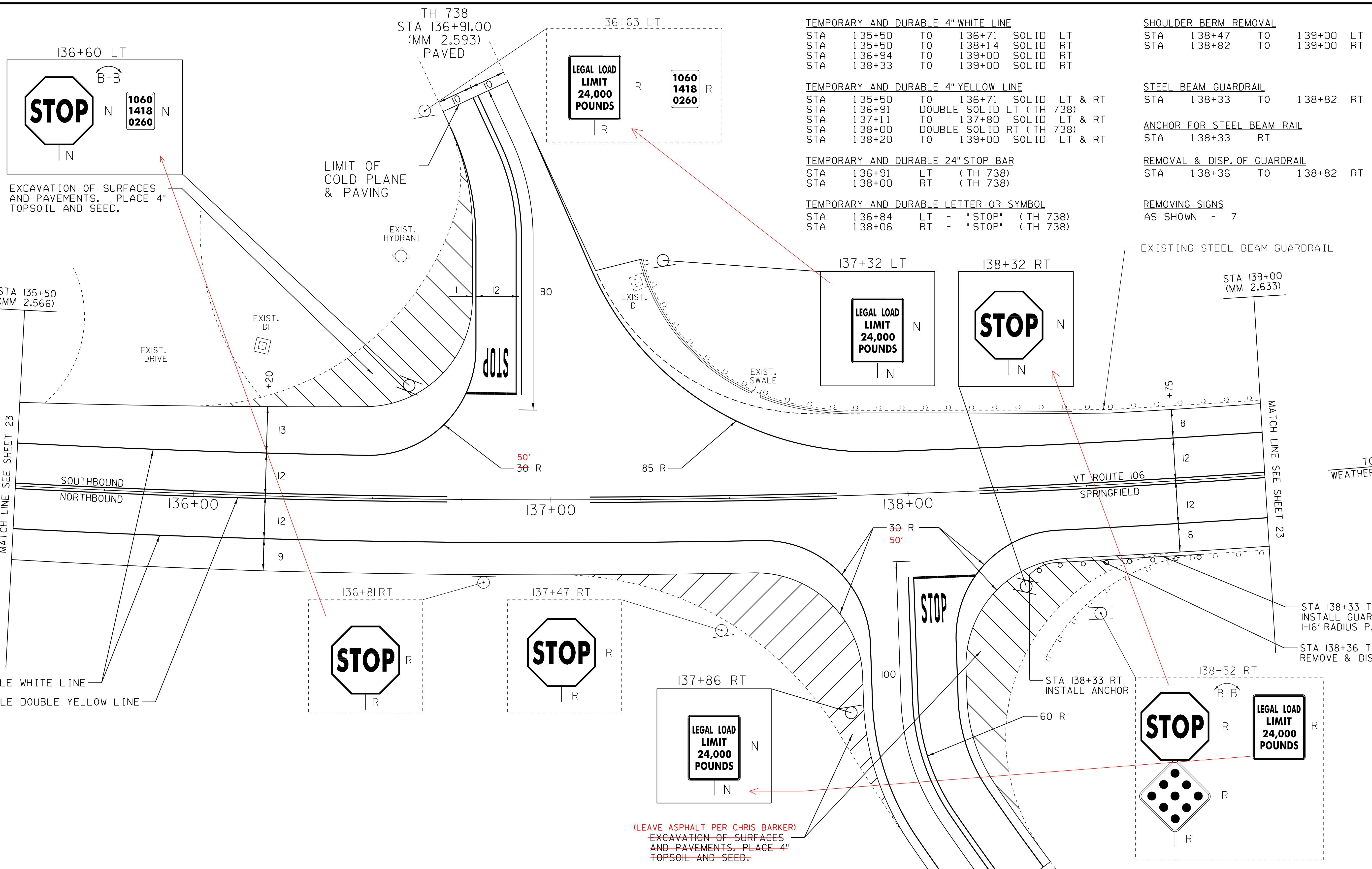
NOT TO SCALE

LEGEND	
R	= REMOVE EXISTING
S	= SALVAGE
R & S	= REMOVE AND SALVAGE
N	= NEW
RET	= RETAIN
B-B	= BACK TO BACK
—○—	= NEW RAIL
—●—	= EXISTING RAIL

INTERSECTION DETAIL SHEET 1

SURVEYED BY	CLD	DATE	
DRAWN BY	SRB	DATE	5/05
SQUAD LEADER	CRB		
DESIGN FILE NO.	/pave/04b038/pb038.dgn		
IPARM FILE	pb038dt01.i	DATE PLOTTED	JUN-2012 08
PROJ. NAME	SPRINGFIELD		
PROJ. NO.	STP 2405(1)S		
SHEET	34	OF	42 SHEETS

TEMPORARY AND DURABLE 4" WHITE LINE STA 135+50 TO 136+71 SOLID LT STA 135+50 TO 138+14 SOLID RT STA 136+94 TO 139+00 SOLID RT STA 138+33 TO 139+00 SOLID RT				SHOULDER BERM REMOVAL STA 138+47 TO 139+00 LT STA 138+82 TO 139+00 RT			
TEMPORARY AND DURABLE 4" YELLOW LINE STA 135+50 TO 136+71 SOLID LT & RT STA 136+91 DOUBLE SOLID LT (TH 738) STA 137+11 TO 137+80 SOLID LT & RT STA 138+00 DOUBLE SOLID RT (TH 738) STA 138+20 TO 139+00 SOLID LT & RT				STEEL BEAM GUARDRAIL STA 138+33 TO 138+82 RT			
TEMPORARY AND DURABLE 24" STOP BAR STA 136+91 LT (TH 738) STA 138+00 RT (TH 738)				ANCHOR FOR STEEL BEAM RAIL STA 138+33 RT			
TEMPORARY AND DURABLE LETTER OR SYMBOL STA 136+84 LT - *STOP* (TH 738) STA 138+06 RT - *STOP* (TH 738)				REMOVAL & DISP. OF GUARDRAIL STA 138+36 TO 138+82 RT			
				REMOVING SIGNS AS SHOWN - 7			



DURABLE WHITE LINE
 DURABLE DOUBLE YELLOW LINE

(LEAVE ASPHALT PER CHRIS BARKER)
 EXCAVATION OF SURFACES
 AND PAVEMENTS. PLACE 4"
 TOPSOIL AND SEED.

LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R & S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
—	=	NEW RAIL
—	=	EXISTING RAIL

NOT TO SCALE

INTERSECTION DETAIL SHEET 2	SURVEYED BY	CLD	DATE	12/05
	DRAWN BY	SRB	DATE	5/05
	SQUAD LEADER	CRB		
	DESIGN FILE NO.	/pave/04b038/pb038.dgn		
	IPARM FILE	pb038dt02.i	DATE PLOTTED	JUN-2012 08
PROJ. NAME	SPRINGFIELD			
PROJ. NO.	STP 2405(1)S			
SHEET 35	OF	42	SHEETS	

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

TH 738
 STA 138+00.00
 (MM 2.614)
 PAVED

TO WEATHERSFIELD

TO SPRINGFIELD

TRAFFIC SIGN SUMMARY SHEET #2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAINED	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E	A	WIDTH (in)	HEIGHT (in)	"A"	"B"			SALV SIGN	SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
												lb/ft	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0				FTG. SIZE		WEIGHT	POST SIZE
																													1.12	2.0		
OPTION ITEMS																																
STA 122+15 RT		I		30	30	6.25			I			X			X	X											BACK TO BACK	E-143				
		I		6	10	0.42																						E-138				
STA 122+37 LT		I		24	30	5.00			I			X			X	X													E-141			
STA 127+49 RT		I		24	30	5.00			I			X			X	X													E-141			
STA 127+53 LT		I		30	30	6.25			I			X			X	X													E-143			
STA 127+87 RT		I		30	30	6.25			I			X			X	X										BACK TO BACK	E-143					
		I		6	10	0.42																							E-138			
STA 127+97 LT		I		24	30	5.00			I			X			X	X													E-141			
STA 136+60 LT		I		30	30	6.25			I			X			X	X										BACK TO BACK	E-143					
		I		6	10	0.42																							E-138			
STA 137+32 LT		I		24	30	5.00			I			X			X	X													E-141			
STA 137+86 RT		I		24	30	5.00			I			X			X	X													E-141			
STA 138+32 RT		I		30	30	6.25			I			X			X	X													E-143			
STA 160+87 RT		I		24	30	5.00			I			X			X	X													E-141			
STA 160+87 RT		I		30	30	6.25			I			X			X	X												36				
STA 161+11 LT		I		30	30	6.25			I			X			X	X													E-143			
STA 161+30 RT		I		30	30	6.25			I			X			X	X													E-143			
<p>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 & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."</p>																																
TOTALS		SF	SF	EA.	SF						FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB									
		81.26									210	210																				

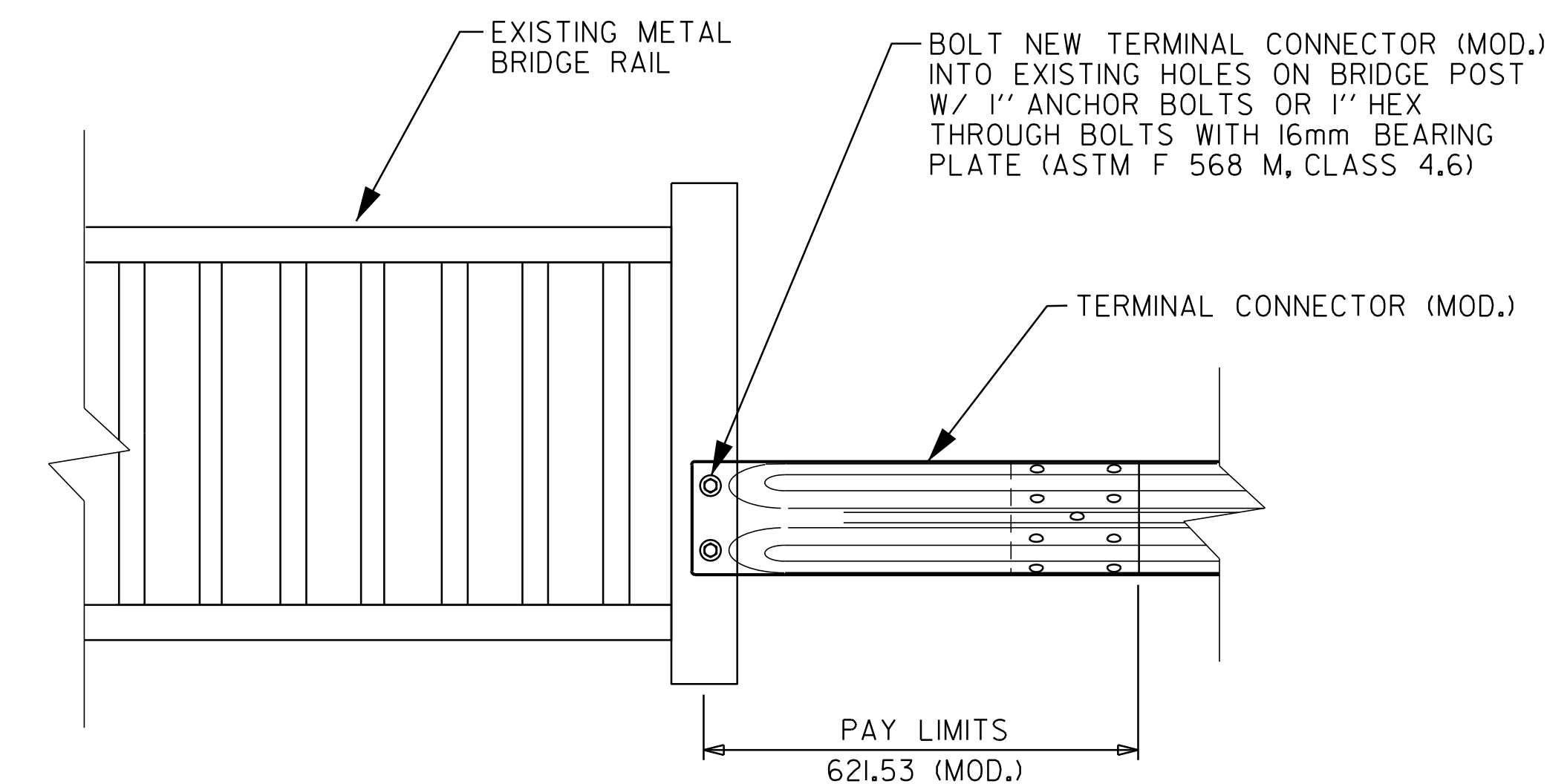
PROJECT NAME: SPRINGFIELD
 PROJECT NUMBER: STP 2405(1)S
 FILE NAME: /pave/04b038/pb038.dgn PLOT DATE: 19-JUN-2012 08:17
 PROJECT LEADER: CRB DRAWN BY: SRB
 DESIGNED BY: NULL CHECKED BY: JAW
 pb038ts02.i SHEET 37 OF 42

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	525.40 MOD. 1	525.40 MOD. 3	525.41	REMARKS
71+98 TO 72+14	LT	2	8"	+2.5	25	+2.5	25	FOR DETAILS SEE BRIDGE DETAIL SHEET 2
92 17								
72+04 TO 72+16	RT	2	8"	+2.5	25	+2.5	25	FOR DETAILS SEE BRIDGE DETAIL SHEET 2
98 23								
SUBTOTALS				25.0	25.0			
ROUNDINGS				0	0			
TOTALS				25.0	25.0			

NOTES:

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25 FEET FROM THE ENDS OF THE BRIDGE.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK & BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST I.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 30 FEET APART PAYMENT SHALL BE SUBSIDIARY TO OTHER ITEMS.
7. PLUG JOINT SHALL BE INSTALLED ONLY AT BRIDGE EXPANSION JOINTS ON ANY BRIDGE GREATER THEN 30 FT. IN LENGTH AS DIRECTED BY THE RESIDENT ENGINEER.

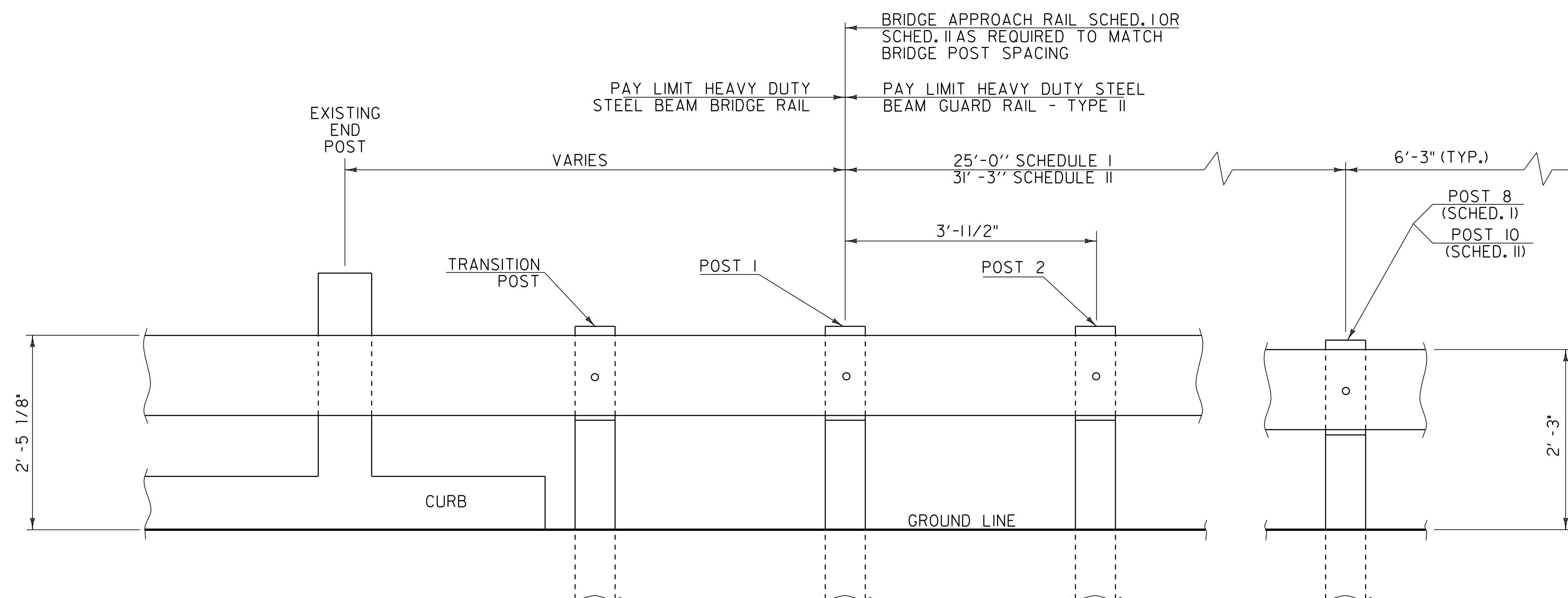


TERMINAL CONNECTOR (MOD.) DETAIL

NOT TO SCALE

BRIDGE APPROACH RAILING

WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1 USE SCHEDULE I FOR APPROACH RAILING. WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.



BRIDGE APPROACH RAILING

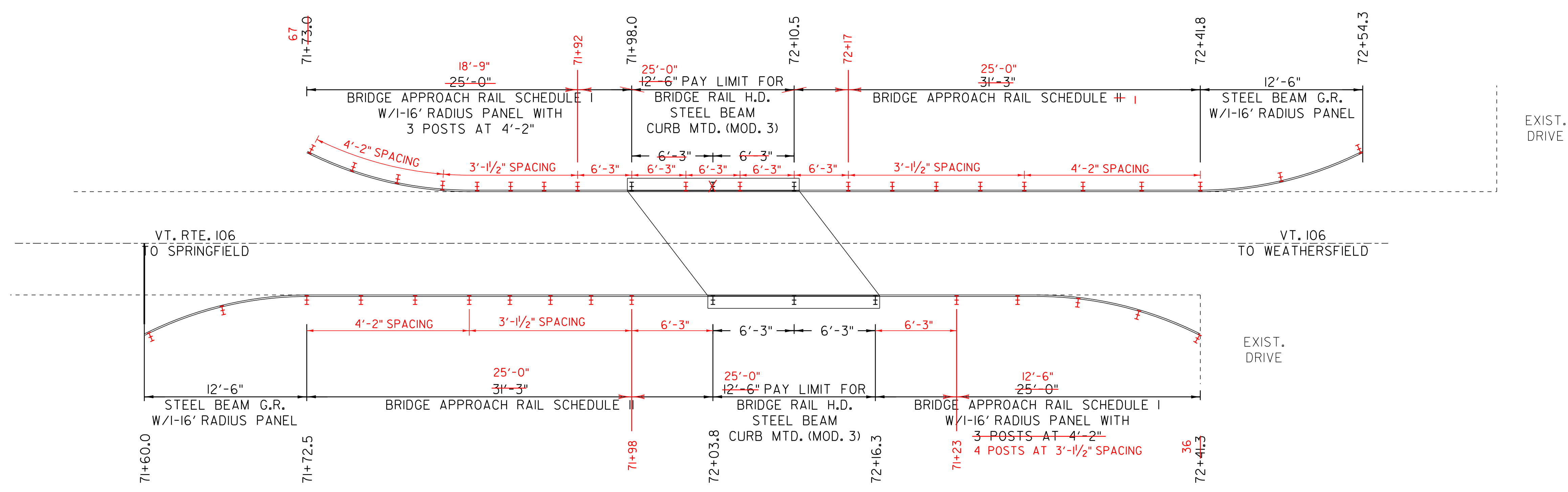
SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1		1.4 x 12'-6"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	4'-2"	1.0 (TYP.)
9	6'-3"	
10	6'-3" (TYP.)	

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1		1.4 x 18'-9"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	1.2 x 12'-6"
6	3'-1.5"	
7	4'-2"	
8	4'-2"	1.0 (TYP.)
9	4'-2"	
10	6'-3"	
11	6'-3" (TYP.)	

DATUM
 VERTICAL N/A
 HORIZONTAL N/A

BRIDGE DETAIL SHEET 1

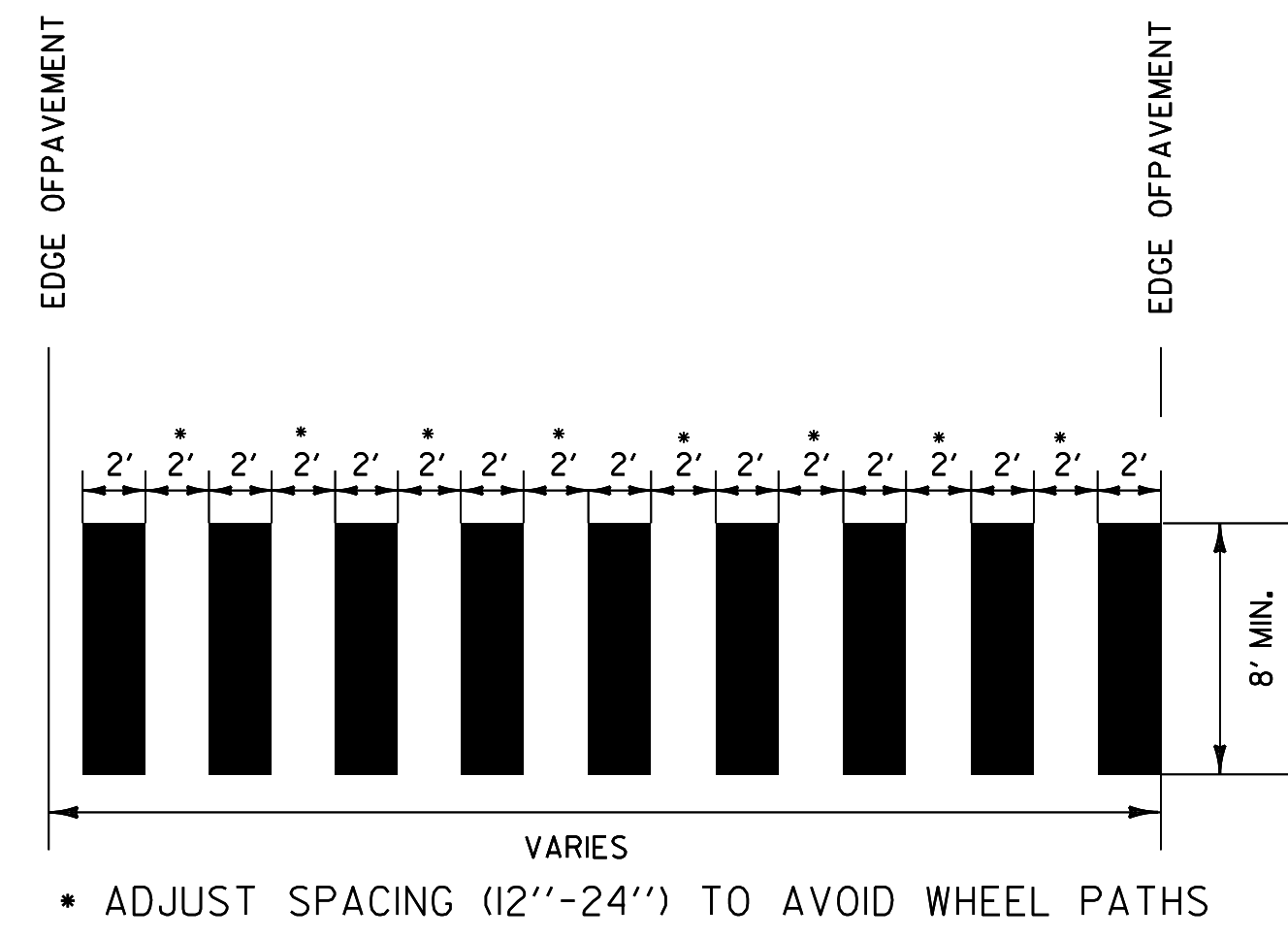
SURVEYED BY CLD DATE 1/05
 DRAWN BY NLL DATE 5/05
 SQUAD LEADER CRB
 DESIGN FILE NO. /pave/04b038/pb038.dgn
 IPARM FILE pb038bd01.i DATE PLOTTED JUN-2012 08
 PROJ. NAME SPRINGFIELD
 PROJ. NO. STP 2405(1)S
 SHEET 39 OF 42 SHEETS



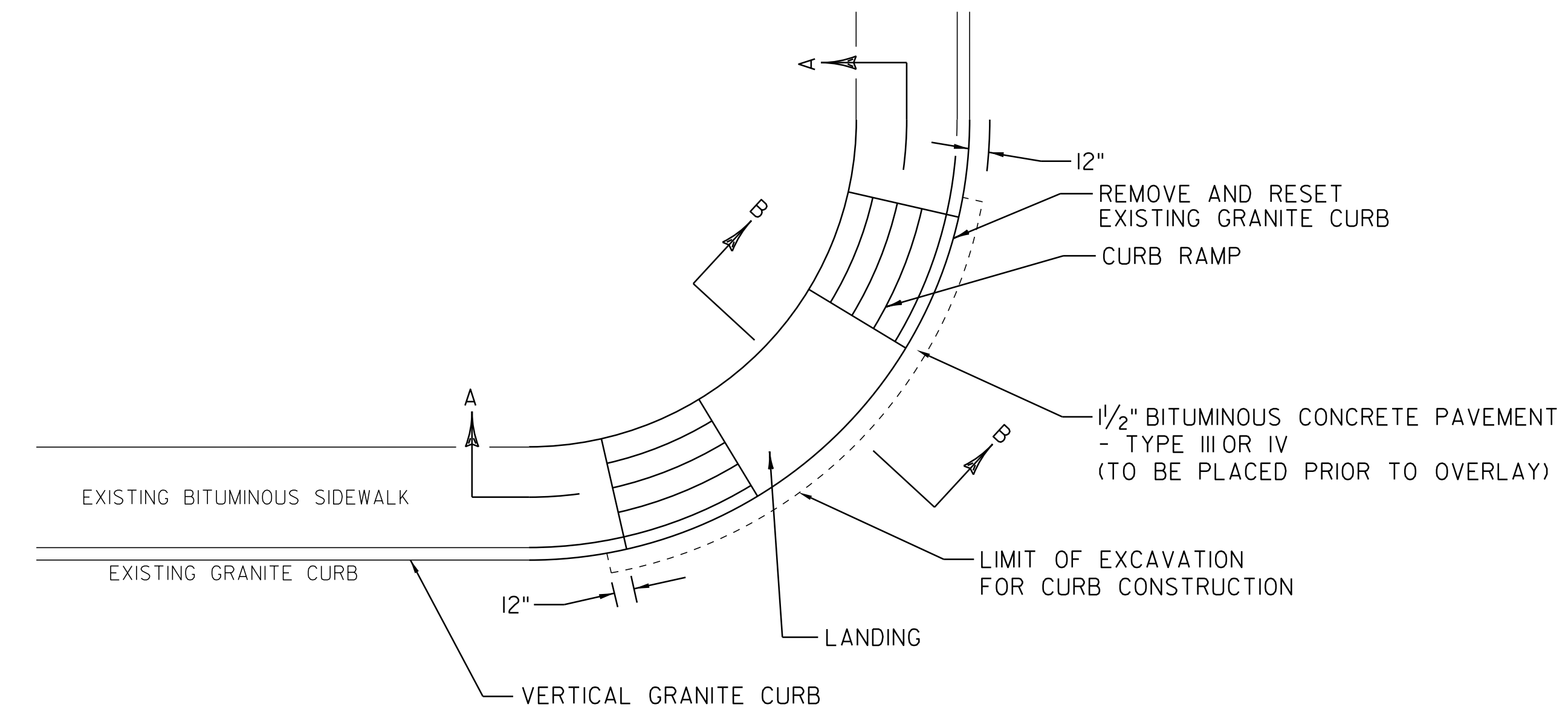
**BRIDGE # 2
SPRINGFIELD MM 1.365**

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET 2	SURVEYED BY	CLD	DATE	1/05
	DRAWN BY	NLL	DATE	5/05
	SQUAD LEADER	CRB		
	DESIGN FILE NO.	/pave/04b038/pb038.dgn		
IPARM FILE	pb038bd02.i	DATE PLOTTED	JUN-2012 08	
PROJ. NAME	SPRINGFIELD			
PROJ. NO.	STP 2405(1)S			
SHEET	40	OF	42	SHEETS

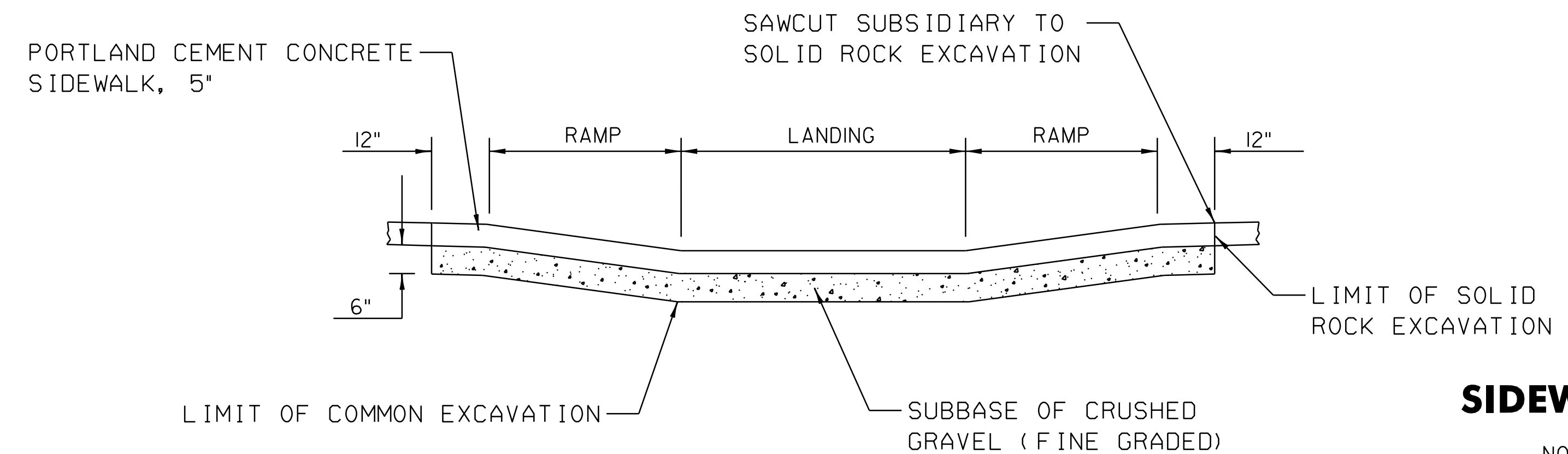


BLOCK PATTERN CROSSWALK DETAIL



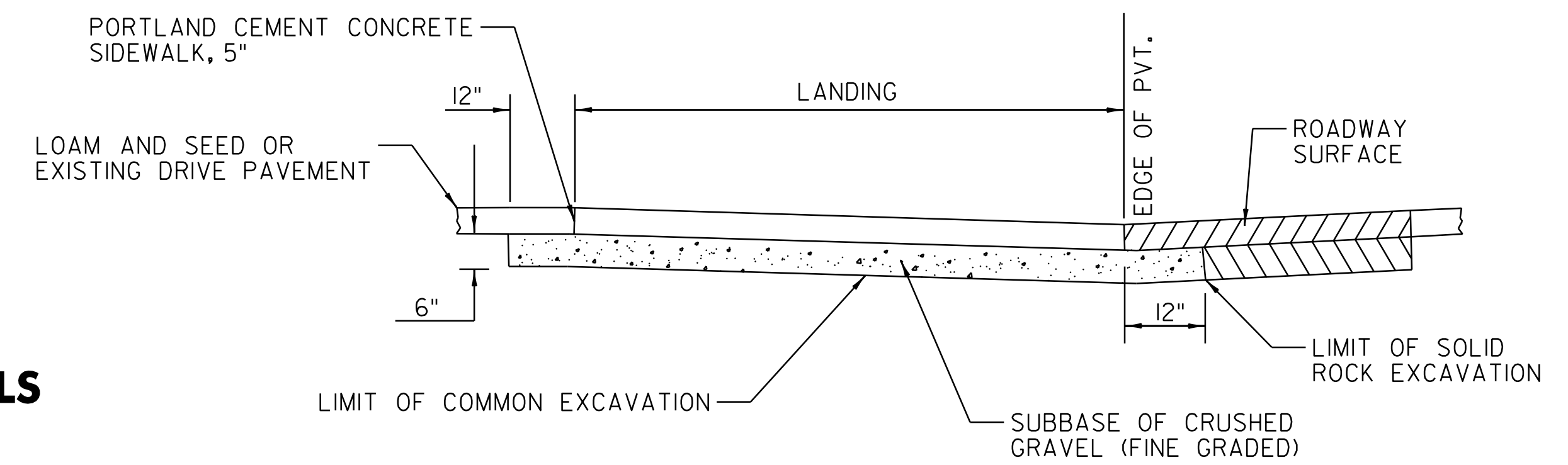
PLAN

NOT TO SCALE



SECTION A-A

NOT TO SCALE

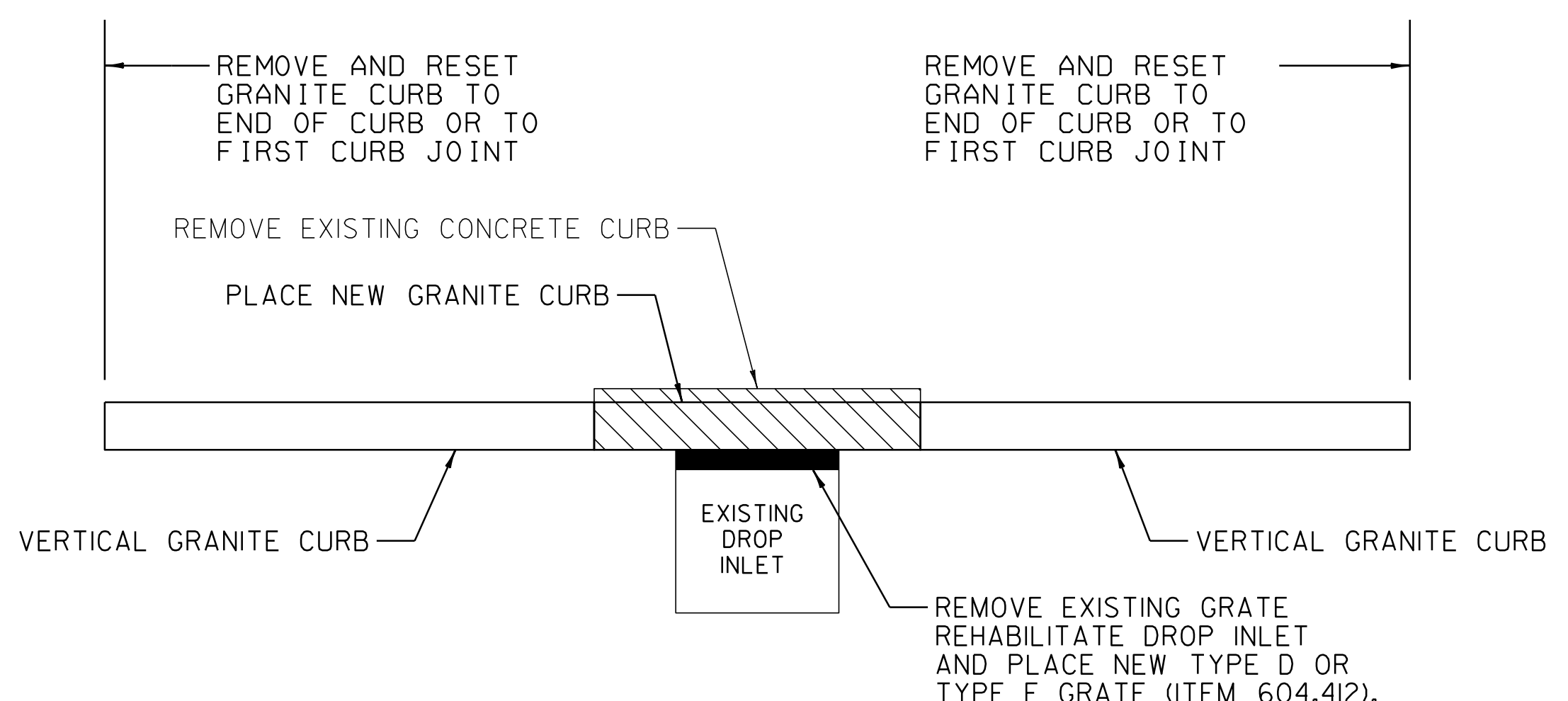


SECTION B-B

NOT TO SCALE

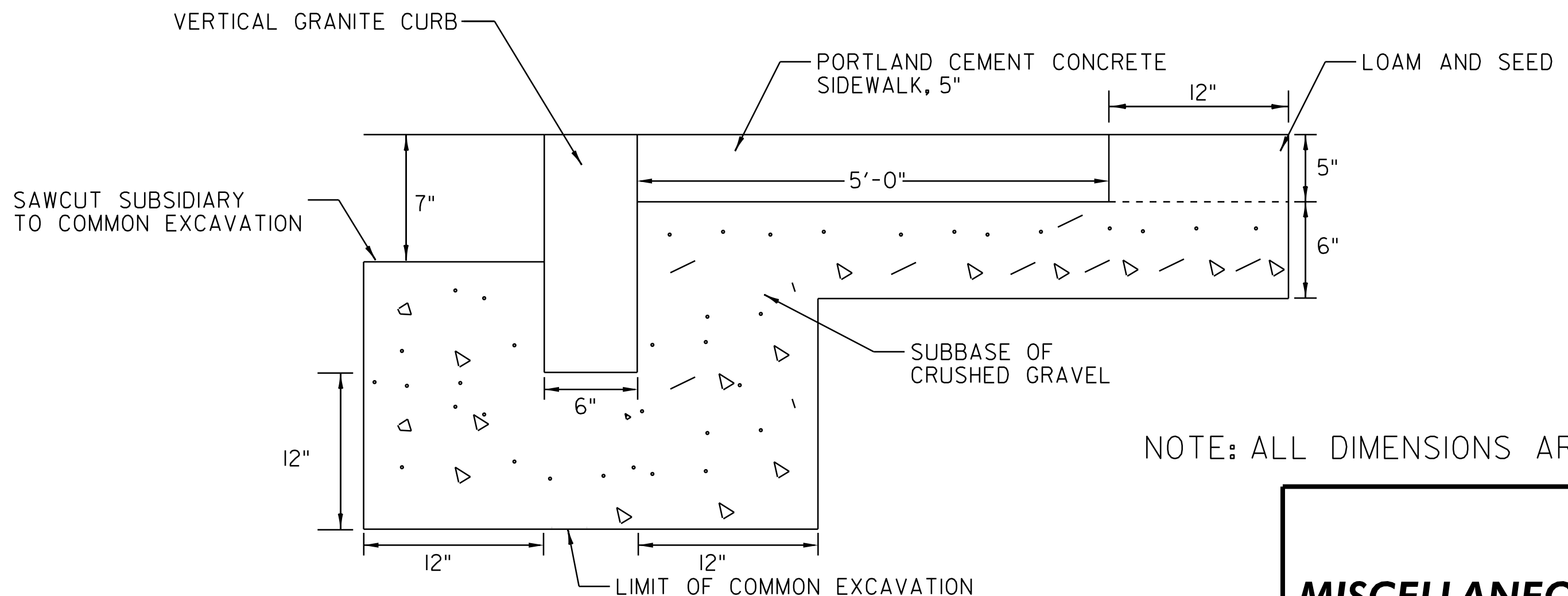
SIDEWALK RAMP PAY LIMIT DETAILS

NOTE: THIS DETAIL IS FOR PAY LIMITS ONLY. FOR INDIVIDUAL RAMP CONFIGURATIONS, SLOPES, DIMENSIONS, ETC., SEE VAOT STANDARDS C-3A/C-3B.



CONCRETE CURB REMOVAL CONSTRUCTION DETAIL

NOT TO SCALE



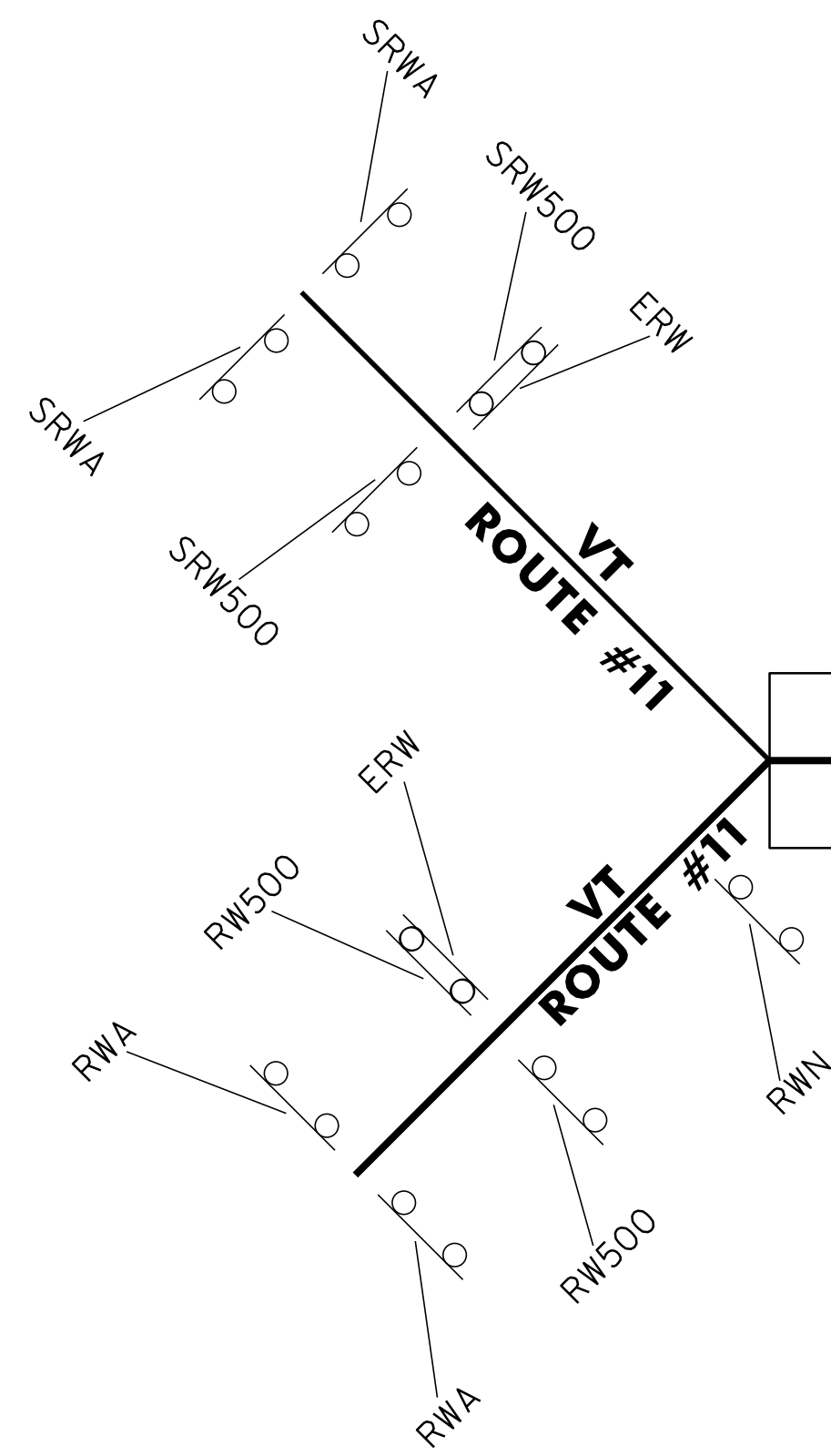
SIDEWALK AND CURB CONSTRUCTION DETAIL

NOTE: ALL DIMENSIONS ARE INCHES EXCEPT AS INDICATED

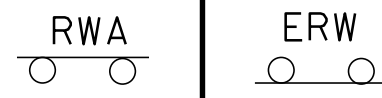
DATUM
VERTICAL _____
HORIZONTAL _____

MISCELLANEOUS DETAILS SHEET

SURVEYED BY	CLD	DATE	12/05
DRAWN BY	SRB	DATE	5/05
SQUAD LEADER	CRB		
DESIGN FILE NO.	/pave/04b038/pb038.dgn		
IPARM FILE	pb038dt03.i	DATE PLOTTED	JUN-2012 08
PROJ. NAME	SPRINGFIELD		
PROJ. NO.	STP 2405(1)S		
SHEET	41	OF	42 SHEETS

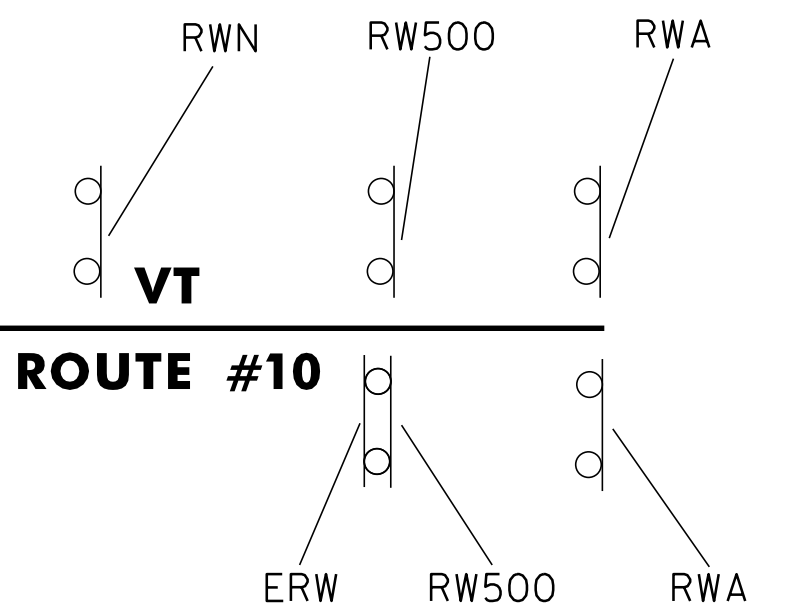
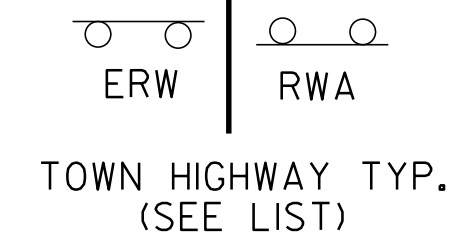


TOWN HIGHWAY TYP.
(SEE LIST)



CONSTRUCTION AREA

VT ROUTE #106



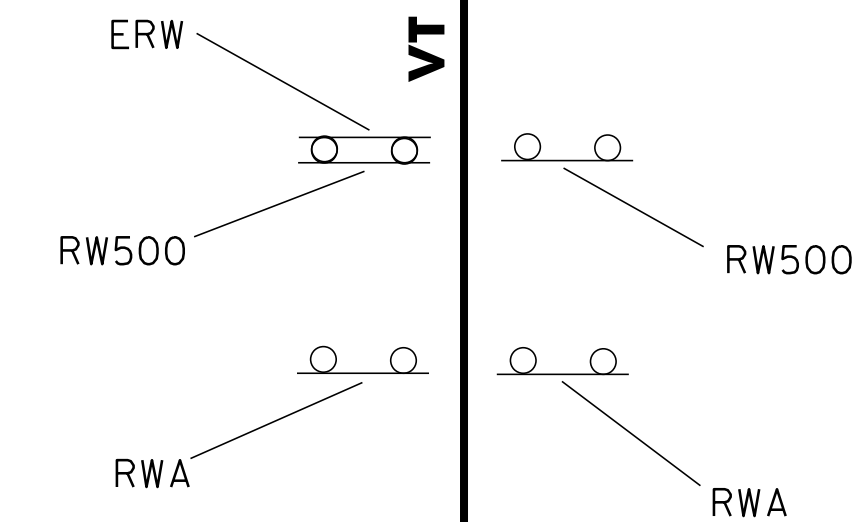
CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

SEE STANDARD E-100 AND E-100A FOR SIGN PLACEMENT.

NOTE: WHEN DIRECTED BY THE RESIDENT ENGINEER, "NO OUTLET" SIDE ROADS WILL NOT REQUIRE CONSTRUCTION SIGNING

CONSTRUCTION APPROACH SIGNING SHALL NOT OBSCURE OR INTERFERE WITH EXISTING TRAFFIC SIGNS.



LIST OF TOWN/STATE HIGHWAYS
FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500'	ROAD WORK NEXT 3 1/2 MILES	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500'	OTHER
SPRINGFIELD							
VT #11		1			2	2	
TH #774	1	1					
TH #772	1	1					
TH #758	1	1					
TH #9	1	1					
TH #752	1	1					
TH #6	1	1					
TH #740	1	1					
TH #740	1	1					
TH #738	1	1					
TH #738	1	1					
TH #724	1	1					
TH #724	1	1					
VT #10	2	1	2	1			
BEGINNING OF PROJECT	2	1	2	1			
END OF PROJECT	2	1	2	1			
TOTAL	18	16	6	3	2	2	

LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500'
- RWN = ROAD WORK NEXT 3 1/2 MILES
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500'

DATUM
VERTICAL N/A
HORIZONTAL N/A

**CONSTRUCTION
APPROACH
SIGNING**

SURVEYED BY CLD DATE 12/05
 DRAWN BY SRB DATE 5/05
 SQUAD LEADER CRB
 DESIGN FILE NO. /pave/04b038/pb038.dgn
 IPARM FILE pb038cas.i DATE PLOTTED JUN-2012 08
 PROJ. NAME SPRINGFIELD
 PROJ. NO. STP 2405(1)S
 SHEET 42 OF 42 SHEETS