

INDEX OF SHEETS

FOR INDEX, SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

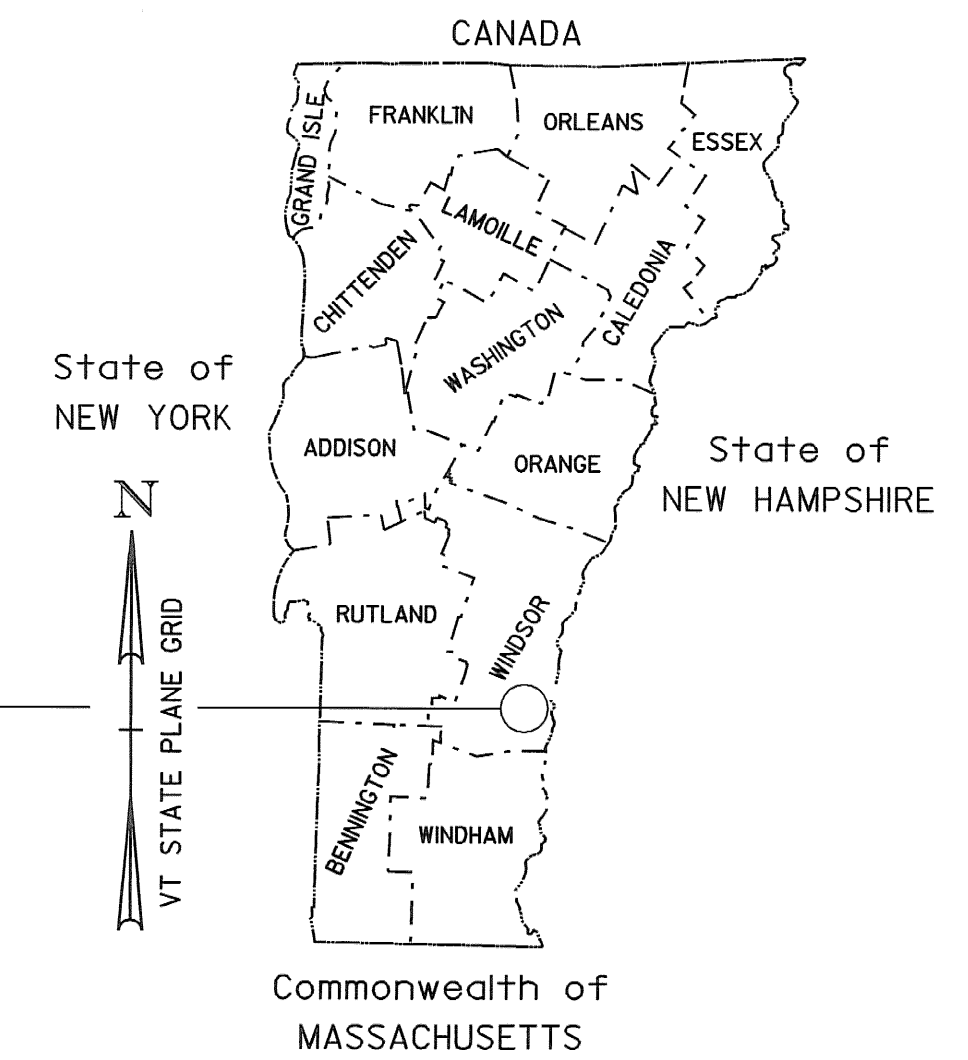


PROPOSED IMPROVEMENT
TOWN OF WEATHERSFIELD
COUNTY OF WINDSOR
VT RTE. 106

THIS PROJECT BEGINS IN WEATHERSFIELD ON VT. RTE. 106 AT STA. 123+55 (MM 2.339) AND EXTENDS NORTHERLY A DISTANCE OF 1.946 MILES (10,275 FEET) TO STATION 226+25 (MM 4.285) IN WEATHERSFIELD.

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING WITH A LEVELING COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

LENGTH OF PROJECT = 10,275 FT (1.946 MILES)
LENGTH OF ROADWAY = 10,275 FT (1.946 MILES)

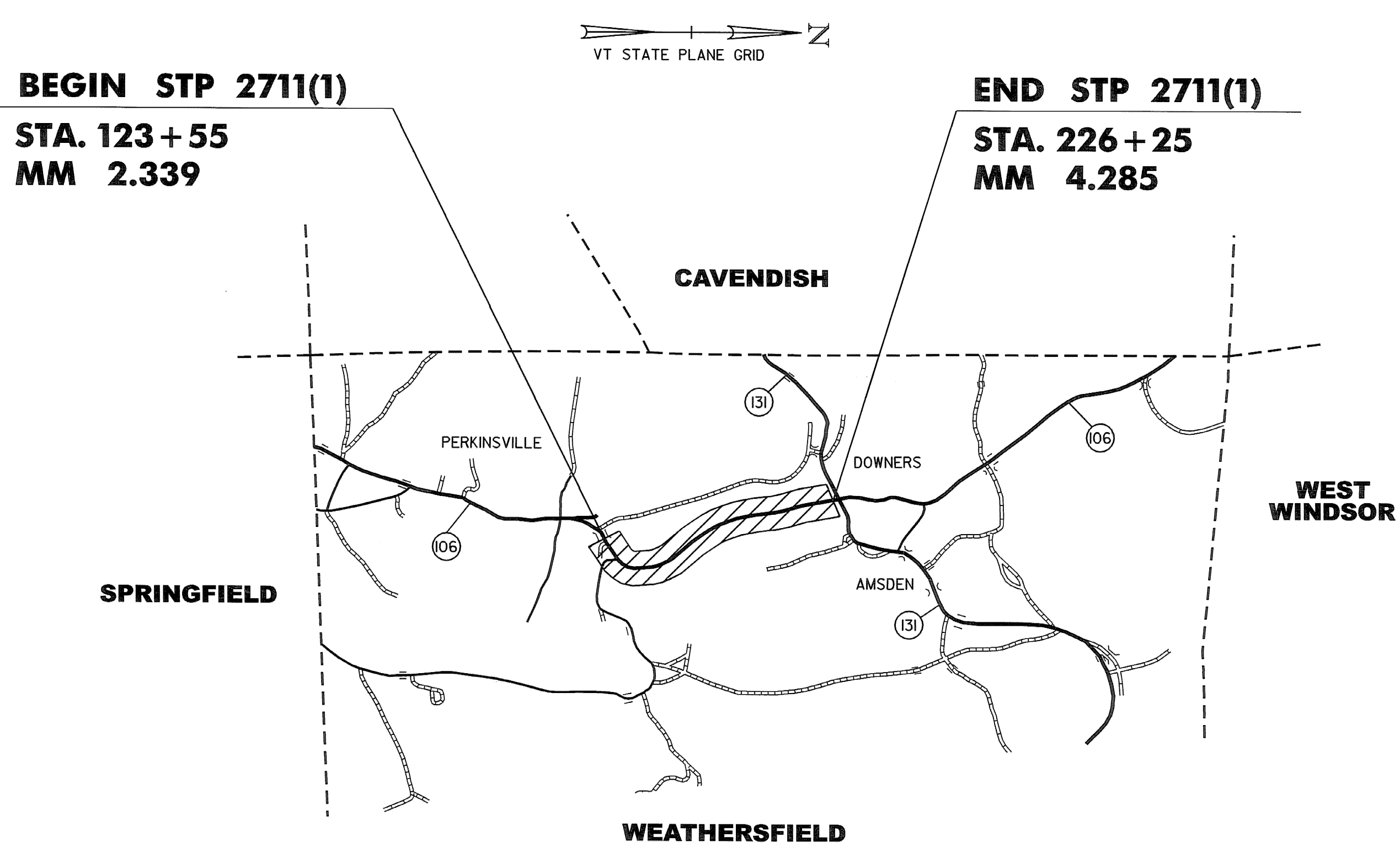


PROJECT LOCATION
STP 2711(1)

RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	BUTCH COLBY
CONSTRUCTION BEGAN:	AUGUST 10, 2009
CONSTRUCTION COMPLETE:	OCTOBER 9, 2009
RECORD PLANS BY:	BUTCH COLBY & C. PIERCE
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	4/29/10
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.	

	AADT		DHV		CUM. ESALS (2009-2019)	CUM. ESALS (2009-2029)
	2009	2019	2009	2019		
BEGINNING OF PROJECT TO VT. RTE. 131	3100	3400	370	400	762,000	1,787,000

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	893,500
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS



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	

SURVEYED BY :	
SURVEYED DATE :	
DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

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	<i>[Signature]</i> DATE 5-7-09
PROJECT MANAGER :	TED DOMEY
PROJECT NAME :	WEATHERSFIELD
PROJECT NUMBER :	STP 2711(1)
SHEET 1 OF 21 SHEETS	

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PROJECT INDEX

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VAOT STANDARDS

D3	06-01-94
D-6	06-01-94
D-15	06-01-94
E-100	01-02-04
E-101	05-30-03
E-102	06-30-03
E-102A	05-01-04
E-103	03-01-04
E-106	03-01-04
E-107	06-30-03
E-108A	12-08-08
E-110	08-08-95
E-111	03-11-97
E-121	08-08-95
E-123	03-16-04
E-127	08-08-95
E-136B	08-08-95
E-141	09-20-95
E-143	06-15-04
E-164	05-20-99
E-191	02-01-99
E-193	08-18-95
G-1	01-03-00
G-1D	01-03-00
G-16	06-01-94
G-17A	09-27-02
G-17B	09-27-02
G-19	11-15-02

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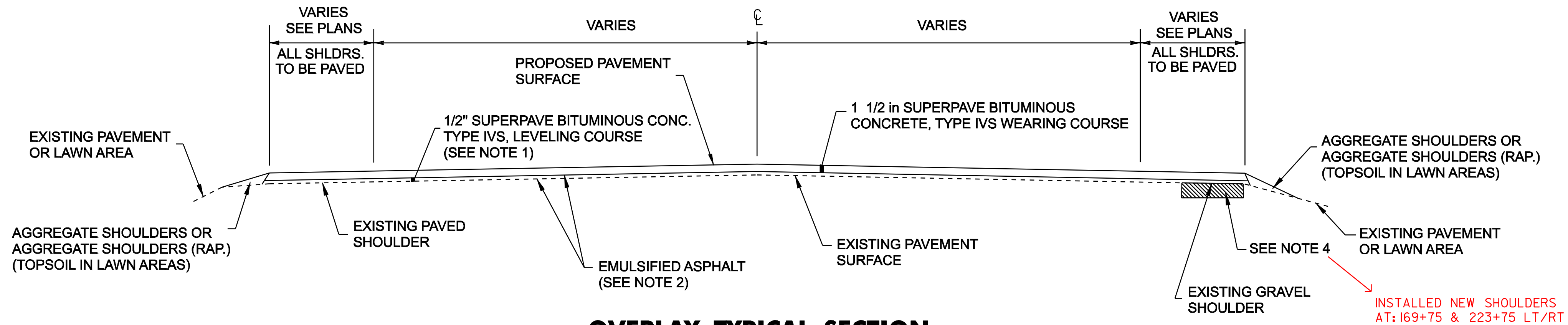
PROJECT NAME: WEATHERSFIELD_
PROJECT NUMBER: STP 27II(I)

FILE NAME: p07cl64.dgn.d
PROJECT LEADER: E.R.D.
DESIGNED BY: JLR____
IPARM FILE: p07cl64_02.i

PLOT DATE: 28-MAY-2010 13
DRAWN BY: JLR____
CHECKED BY: JLR____
SHEET 2_ OF 21

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS. THE LEVELING COURSE SHALL BE TYPE IVS UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE ALONG THE OVERLAY AND COLD PLANE TYPICAL SECTIONS. AN ESTIMATED THICKNESS OF 1/2in. OF ITEM 490.30 HAS BEEN INCLUDED TO COVER THIS PROVISION.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON 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. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4in (TOTAL THICKNESS EXCLUDING LEVELING).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 3 in +/- OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL 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 SUCH AS ALL PURPOSE EXCAVATOR RENTAL, GRADER RENTAL, LOADER RENTAL, TRUCK RENTAL, AND POWER BROOM RENTAL. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED.
5. THE PROPOSED GUARDRAIL SHALL BE INSTALLED A MINIMUM OF 14 FEET FROM THE CENTER OF THE ROAD, OR A DISTANCE THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6 ft POSTS. IF THIS CANNOT BE OBTAINED THEN 8ft POSTS SHALL BE USED. ALL GUARDRAIL SHALL BE STEEL BEAM WITH STEEL POSTS AND WOOD BLOCKOUTS (OR APPROVED ALTERNATIVE MATERIAL). NEW GUARDRAIL SHALL BE INSTALLED IN COMPLIANCE WITH STANDARD G-1.
6. COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
7. ITEMS 604.40 & 604.412 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL D.J.'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
8. 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 402.13, AGGREGATE SHOULDERS, RAP. ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
9. ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. 25 CUBIC YARDS OF EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN THE 1:6 CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.
10. EXCAVATED DITCHING MATERIAL SHALL BE USED FOR CONSTRUCTING GUARD RAIL END SECTIONS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR DITCHING MATERIAL WILL BE MADE UNDER ALL PURPOSE EXCAVATOR RENTAL, TYPE I. THE QUANTITY REFLECTS 2 HOURS OF EXCAVATOR RENTAL FOR EACH GUARD RAIL TERMINAL.
11. ALL PUBLIC, PRIVATE OR FIELD DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS WHETHER BY HAND OR MECHANICAL METHODS SHALL BE PAID UNDER THE APPROPRIATE CONTRACT ITEM FOR BITUMINOUS CONCRETE PAVEMENT.
12. SIDE ROADS TO BE PAVED AS DETAILED IN THE PROJECT PLANS, PAID UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.



OVERLAY TYPICAL SECTION
STA 123+55 ~ 226+25

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL (IN FEET)	WEARING DEPTH	LEVELING DEPTH	NOTES
WEATHERSFIELD- VT ROUTE 106	123+55	226+25	4-1 1-1 1-4	1-1/2 in	1/2 IN	LEVEL, PAVE W/1-1/2" TYPE IVS

PROJECT TYPICAL SHEET #1

DESIGNED BY JLR DATE 12-08
 DRAWN BY JLR DATE 12-08
 DESIGN FILE NO. p07cl64.dgn
 PRF FILE p07cl64_03.1 DATE PLOTTED 28-MAY-2010
 PROJ. NAME **WEATHERSFIELD**
 PROJ. NO. **STP 2711(1)**
 SHEET **3** OF **21** SHEETS

WEATHERSFIELD - ROUTE 106												
STP 2711 (1)												
STONE FILL & GEOTEXTILE SUMMARY SHEET												
ITEM 613.10 STONE FILL, TYPE I												
ITEM 613.11 STONE FILL, TYPE II												
ITEM 649.31 GEOTEXTILE UNDER STONE FILL												
DATE	INSPECTED AND FMED BY	START STATION	STOP STATION	POSITION	DESCRIPTION	STONE LENGTH (FT)	STONE WIDTH (FT)	STONE DEPTH (FT)	GEOTEXTILE WIDTH (FT)	ITEM 613.10 STONE FILL TYPE I (CY)	ITEM 613.11 STONE FILL TYPE II (CY)	ITEM 649.31 GEOTEXTILE (SY)
8/12/2009	RMT	204+38		LT	AREA #1 - SLOPE REPAIR ONLY (NO CULVERT)	18.0	12.5	1.75	12.50		14.58	28.0
		204+12	204+54	LT	AREA #1 - BENCH TO STABILIZE SHOULDER	24.0	7.5	1.75	7.50		11.67	20.0
8/13/2009	RMT	203+60		LT	AREA #2 - SLOPE REPAIR @ CULVERT OUTLET	22.0	15.0	1.75	15.00		21.39	38.7
		203+22	203+88	LT	AREA #2 - BENCH TO STABILIZE SHOULDER	53.0	7.5	1.75	7.50		28.76	44.2
	RMT	201+97		LT	AREA #3 - SLOPE REPAIR @ CULVERT OUTLET	18.0	15.0	1.75	15.00		17.50	30.0
	RMT	199+97		LT	AREA #4 - SLOPE REPAIR @ CULVERT OUTLET	20.0	15.0	1.75	15.00		19.44	33.3
8/14/2009	RMT	198+55		LT	AREA #5 - SLOPE REPAIR @ CULVERT OUTLET	48.0	12.5	2.34	12.50		52.00	88.7
		197+04	199+42	LT	AREA #5 - BENCH TO STABILIZE SHOULDER	190.0	7.5	2.34	7.50		123.80	188.3

WEATHERSFIELD - ROUTE 106

STP 2711 (1)

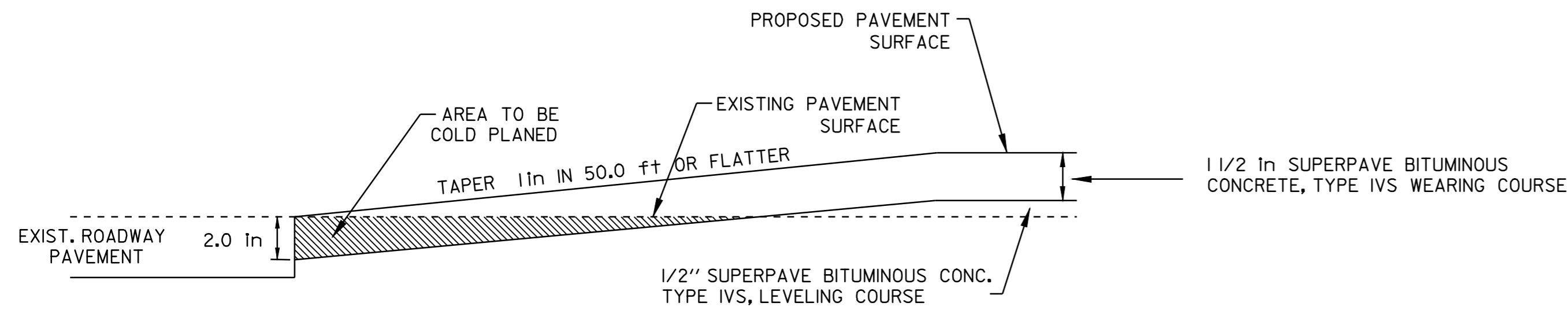
STONE FILL & GEOTEXTILE SUMMARY SHEET

ITEM 613.10 STONE FILL, TYPE I

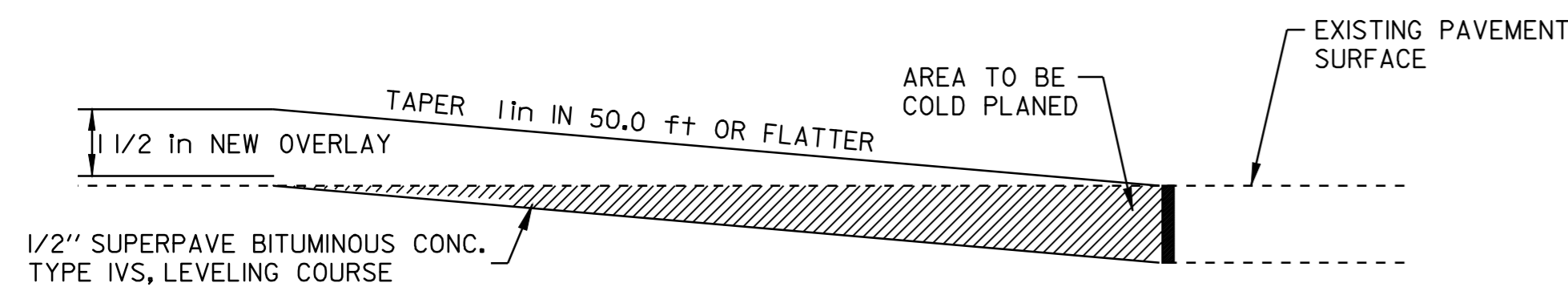
ITEM 613.11 STONE FILL, TYPE II

ITEM 649.31 GEOTEXTILE UNDER STONE FILL

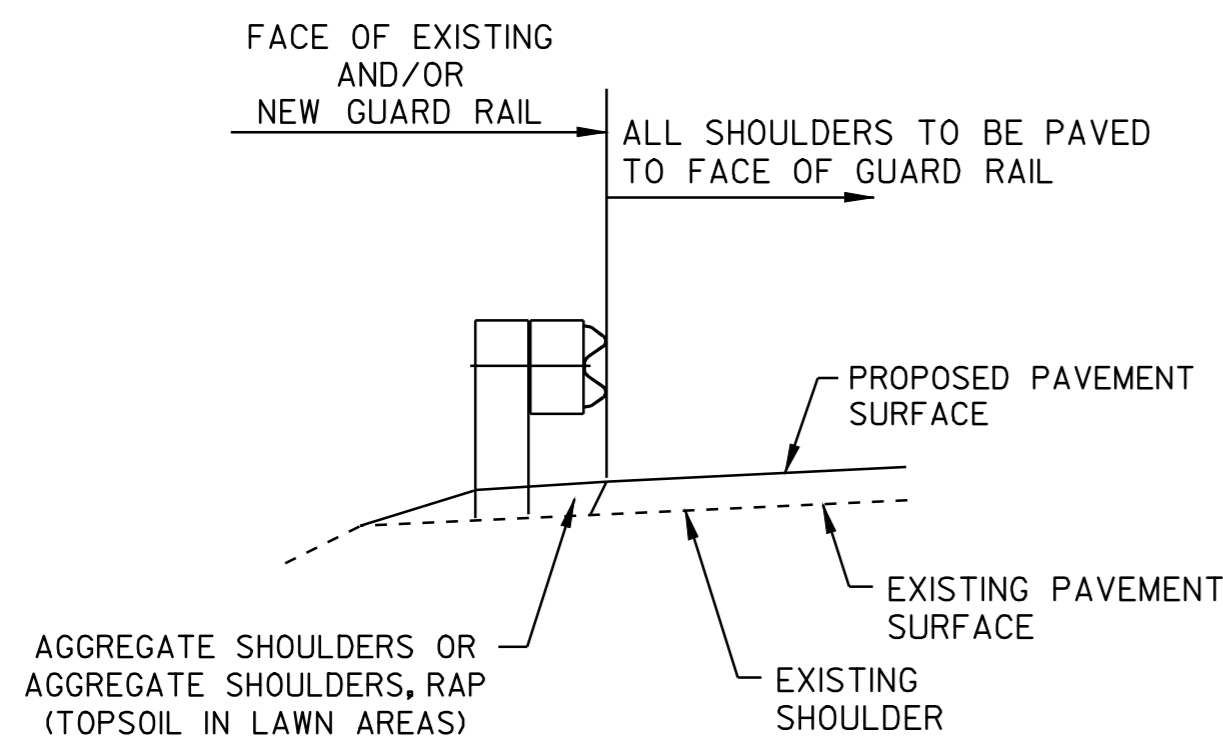
DATE	INSPECTED AND FWD BY	START STATION	STOP STATION	POSITION	DESCRIPTION	STONE LENGTH (FT)	STONE WIDTH (FT)	STONE DEPTH (FT)	GEOTEXTILE WIDTH (FT)	ITEM 613.10 STONE FILL TYPE I (CY)	ITEM 613.11 STONE FILL TYPE II (CY)	ITEM 649.31 GEOTEXTILE (SQ)
8/17/2009	RMT	198+08		LT	AREA #5 - SLOPE REPAIR @ CULVERT OUTLET	15.0	15.0	1.87	15.00		15.58	25.0
		198+95	199+42	LT	AREA #5 - BENCH TO STABILIZE SHOULDER	32.0	7.5	1.87	7.50		16.62	26.7
	RMT	199+70		LT	AREA #6 - SLOPE REPAIR @ CULVERT OUTLET	34.0	12.5	1.87	12.50		29.44	47.2
		199+15	199+95	LT	AREA #5 - BENCH TO STABILIZE SHOULDER	46.0	7.5	1.87	7.50		23.89	38.3
	RMT	190+97		LT	AREA #7 - SLOPE REPAIR @ CULVERT OUTLET	17.0	8.0	1.87	8.00		9.42	15.1
		190+40	191+03	LT	AREA #7 - BENCH TO STABILIZE SHOULDER	48.0	7.5	1.87	7.50		23.89	38.3
	RMT	179+66		LT	AREA #8 - SLOPE REPAIR ONLY (NO CULVERT)	32.0	12.5	1.87	12.50		27.70	44.4
		179+37	179+94	LT	AREA #8 - BENCH TO STABILIZE SHOULDER	26.0	7.5	1.87	7.50		12.99	20.8
8/18/2009	RMT	178+56		LT	AREA #9 - SLOPE REPAIR @ CULVERT OUTLET	23.0	12.5	2.00	12.50		21.30	31.9
		178+26	178+93	LT	AREA #9 - BENCH TO STABILIZE SHOULDER	42.5	7.5	2.00	7.50		23.61	35.4
8/18/2009	DH	184+50		LT	DISTRICT CULVERT OUTLET DITCHING	55.0	6.5	1.00	5.00	13.24		30.6
8/20/2009	RMT	217+35		LT	DISTRICT CULVERT OUTLET DITCHING	10.0	6.5	1.00	6.50	2.41		7.2
8/21/2009	RMT	166+30	167+30	RT	DITCHING SOUTH OF CB	100.0	5.0	1.00	6.25	18.82		69.4
	RMT	167+30	168+32	RT	DITCHING NORTH OF CB	101.5	3.5	1.00	1.25	13.16		14.1
TOTAL										47.32	490.29	858.8



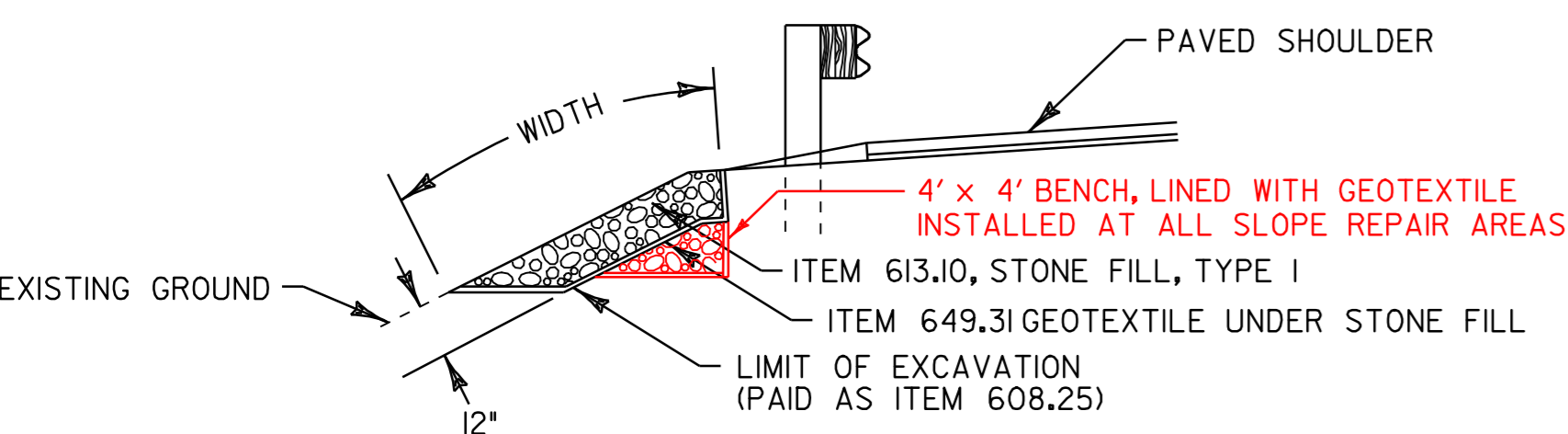
- APPROACH AREA DETAIL -
STA 123+55 (BEGIN PROJECT)



- TRANSITION AREA DETAIL -
STA 226+25 (END PROJECT)



- TYPICAL SECTION AT GUARD RAIL -



SLOPE EROSION REPAIR DETAIL
VARIOUS LOCATIONS

RURAL AREA - SEED MIXTURE

% WT.	lbs./ACRE	NAME	PUR%	GERM%
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3	RED TOP	95	90
15.0	9	BIRDSFOOT TREFOIL	98	85
5.0	3	ANNUAL RYEGRASS	95	85
100.0	60			

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

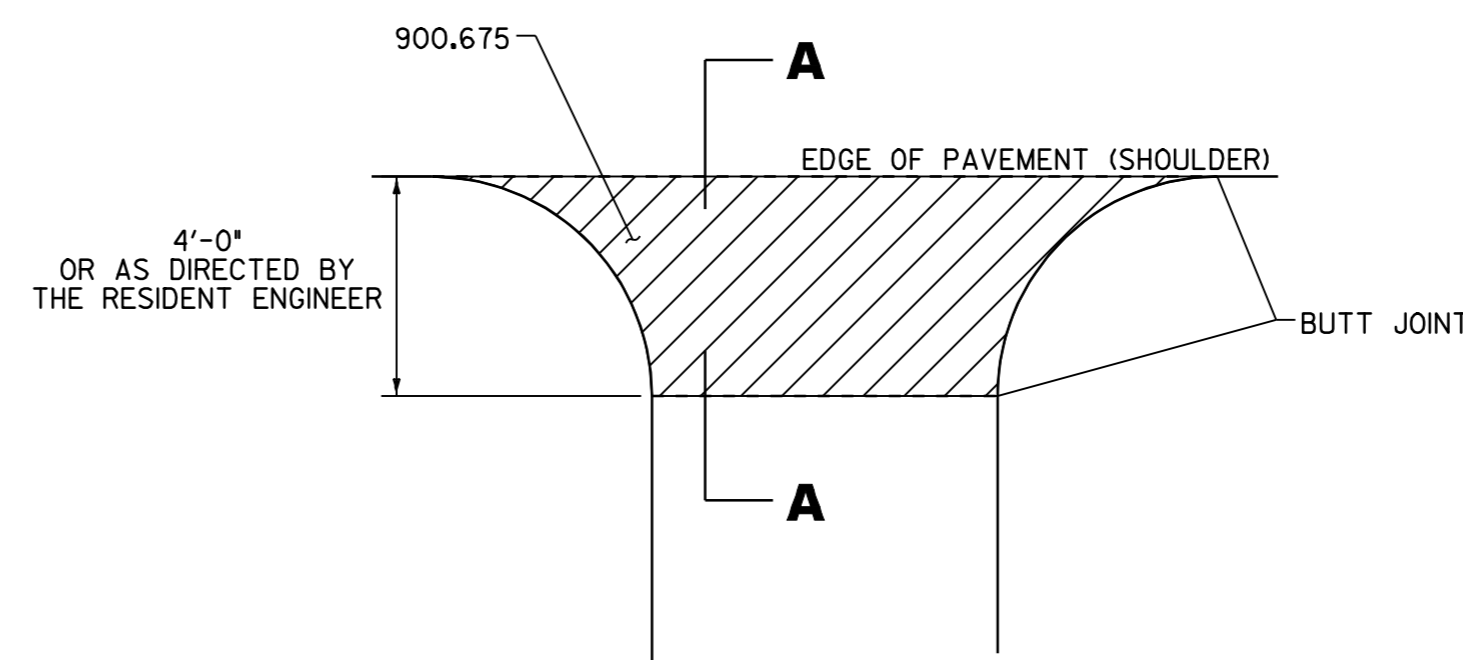
SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

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)

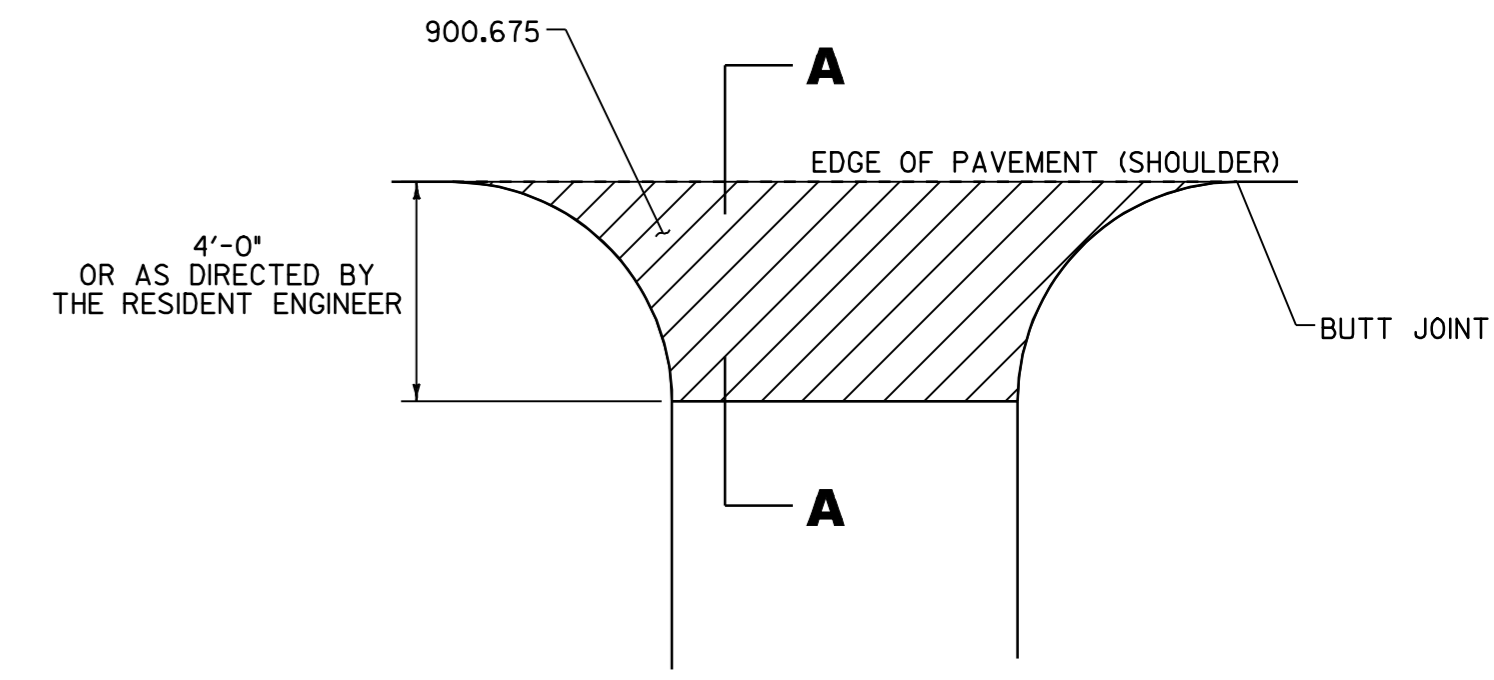
AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TEMPORARY EROSION MATTING:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

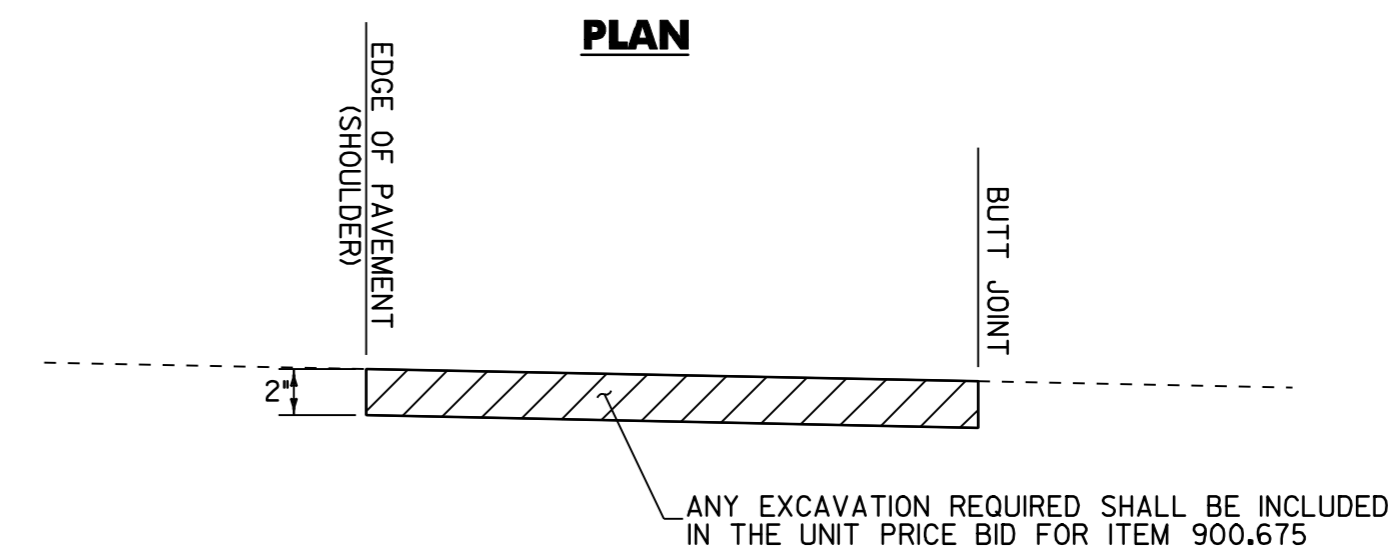
TOPSOIL:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



PLAN



PLAN




SECTION

HANDWORK DETAILS FOR PAVED DRIVES

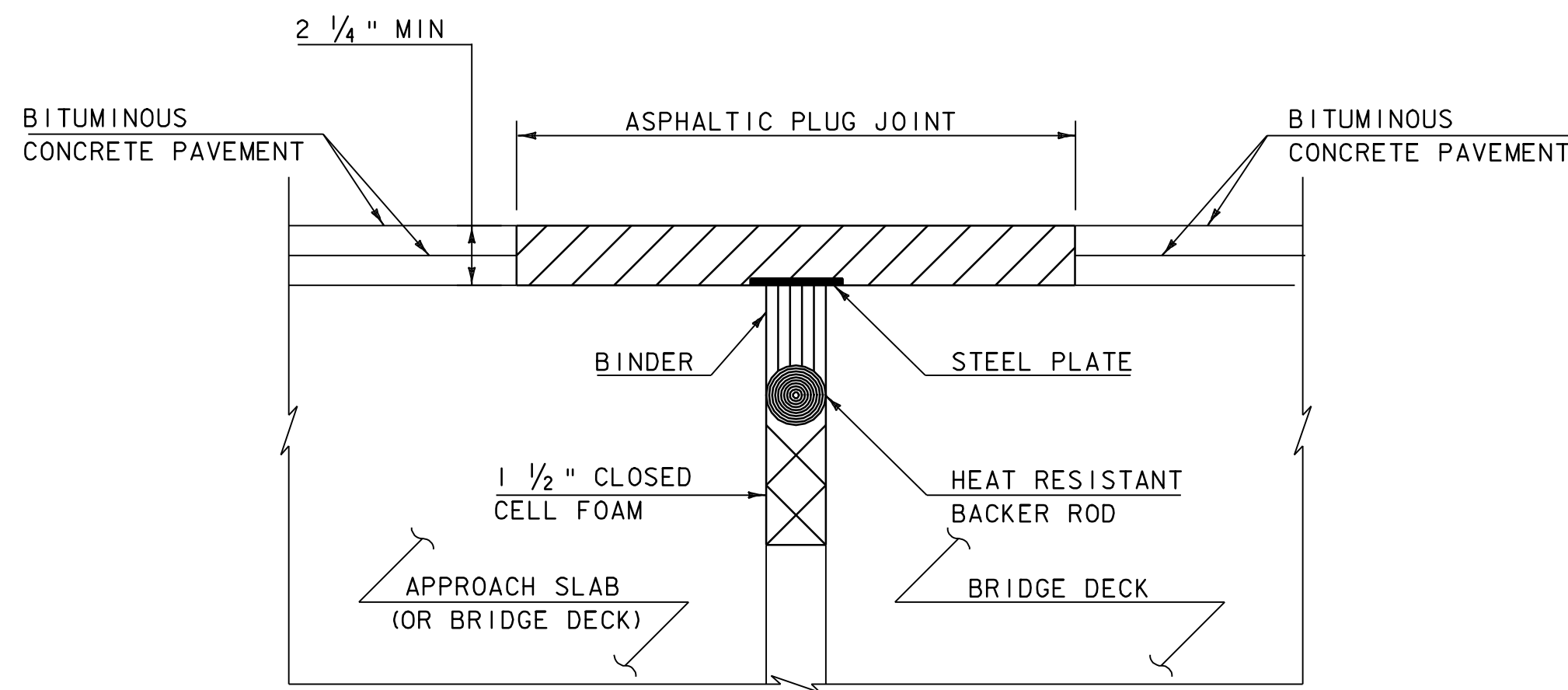
STATION	POSITION	QUANTITY (SY)
124+00	LT	23
131+20	LT	32
137+75	LT	27
139+92	LT	18
145+46	LT	13
151+54	RT	20
170+39	LT	32
170+81	RT	23
174+76	LT	104
174+76	RT	23
182+16	RT	12
185+70	LT	16
186+75	LT	18
190+82	RT	5
206+87	RT	16
208+08	RT	5
210+94	RT	6
213+58	RT	6
217+00	LT	22
220+81	LT	43
222+92	RT	9
241+13	LT	35
225+01	RT	56

LEGEND

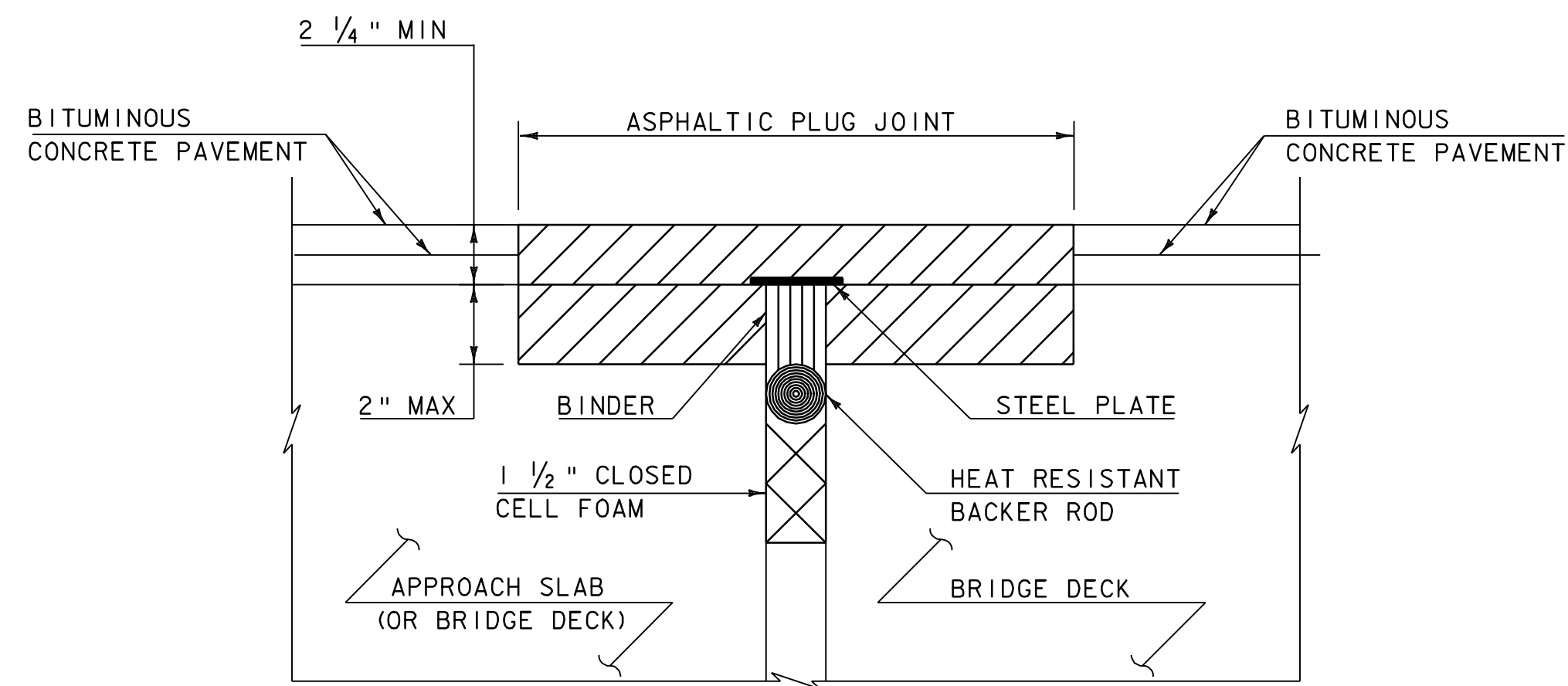
 ITEM 900.675 SPECIAL PROVISION (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)

PROJECT TYPICAL SHEET #2

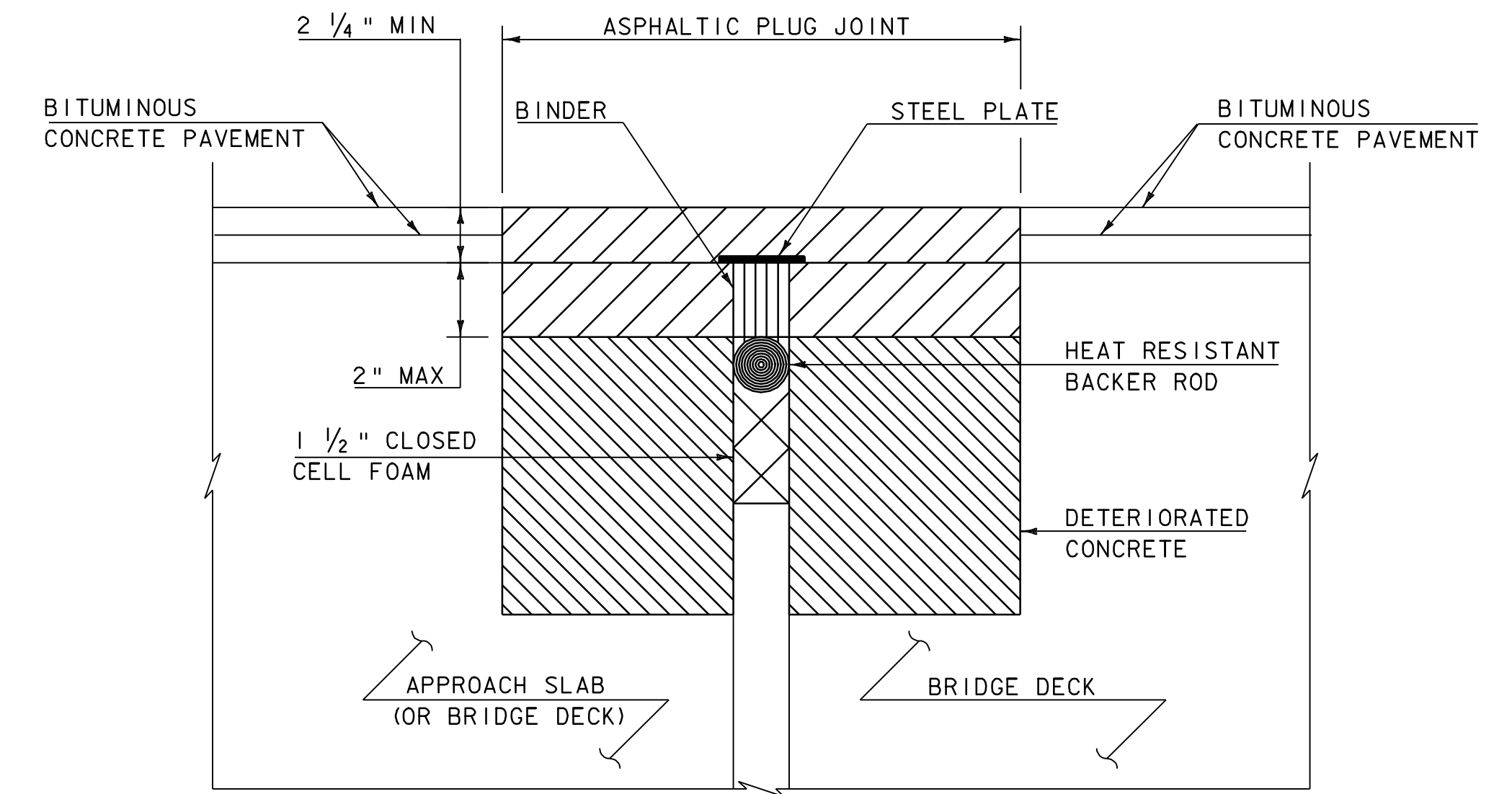
DESIGNED BY JLR DATE 12-08
DRAWN BY JLR DATE 12-08
DESIGN FILE NO. p07cl64.dgn
PRF FILE p07cl64_04.1 DATE PLOTTED 28-MAY-2010 13
PROJ. NAME WEATHERSFIELD
PROJ. NO. STP 2711(1)
SHEET 4 OF 21 SHEETS



**ASPHALTIC PLUG-TYPE
JOINT DETAIL**
(NOT TO SCALE)



**ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF < 2" DETERIORATED CONCRETE**
(NOT TO SCALE)



**ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF > 2" DETERIORATED CONCRETE**
(NOT TO SCALE)

ASPHALTIC PLUG JOINT NOTES

1. INSTALLATION

- A. LOCATE THE JOINT CENTRALLY OVER THE DECK OVERLAY EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
- B. REMOVE THE BITUMINOUS CONCRETE PAVEMENT FULL DEPTH AS SHOWN ON THE PLANS. THE PAVEMENT SHALL BE DRY AND SAW CUT TO THE LIMITS REQUIRED TO PLACE THE JOINT. A PNUMATIC HAMMER AND CHISEL MAY BE USED ADJACENT TO THE CURB ONLY WHEN SAW CUTTING IS NOT POSSIBLE.
- C. BLAST CLEAN THE JOINT AREA OF DEBRIS, ASPHALT AND SHEET MEMBRANE. THOROUGHLY DRY THE JOINT AREA WITH COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
- D. REPAIR SPALLED AND DEFECTIVE CONCRETE WITH AN APPROVED MATERIAL AS AGREED UPON BY THE ENGINEER.
- E. PLACE PROPERLY SIZED HEAT RESISTANT BACKER ROD IN THE MOVEMENT GAP ALLOWING FOR 1" +/- OF BINDER ABOVE THE ROD.
- F. HEAT AND PLACE THE BINDER MATERIAL AS RECOMMENDED BY THE MANUFACTURER.
- G. PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER. THE STEEL PLATES MAY BE OMITTED WHERE THE ENGINEER DETERMINES THAT THE APPROACH SLAB OR BRIDGE DECK WILL PROVIDE INADEQUATE SUPPORT AND WHERE VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
- H. HEAT AND MIX THE BINDER MATERIAL AND AGGREGATE AS RECOMMENDED BY THE MANUFACTURER.
- I. INSTALLATION OF MATERIAL, COMPACTION, AND TOP COATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- J. IMMEDIATELY AFTER TOP COATING, CAST AN ANTI-SKID MATERIAL OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
- K. ONCE THE JOINT REACHES 82 DEG C (180 DEG F) +/-, WATER MAYBE USED TO EXPEDITE THE COOLING PROCESS.
- L. PROTECTED JOINT FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 51 DEG C (125 DEG F) +/-.

2. WEATHER LIMITATIONS. (APPLY BINDER MATERIAL ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL OR AS RECOMMENDED BY THE MANUFACTORER):

- A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 10 DEG C (50 DEG F) AND RISING.
- B. THE ROAD SURFACE IS DRY.
- C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.

NOTES:

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

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 FORMED TO EXISTING ELEVATION.
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. REINFORCING STEEL NOT SHOWN FOR CLARITY.

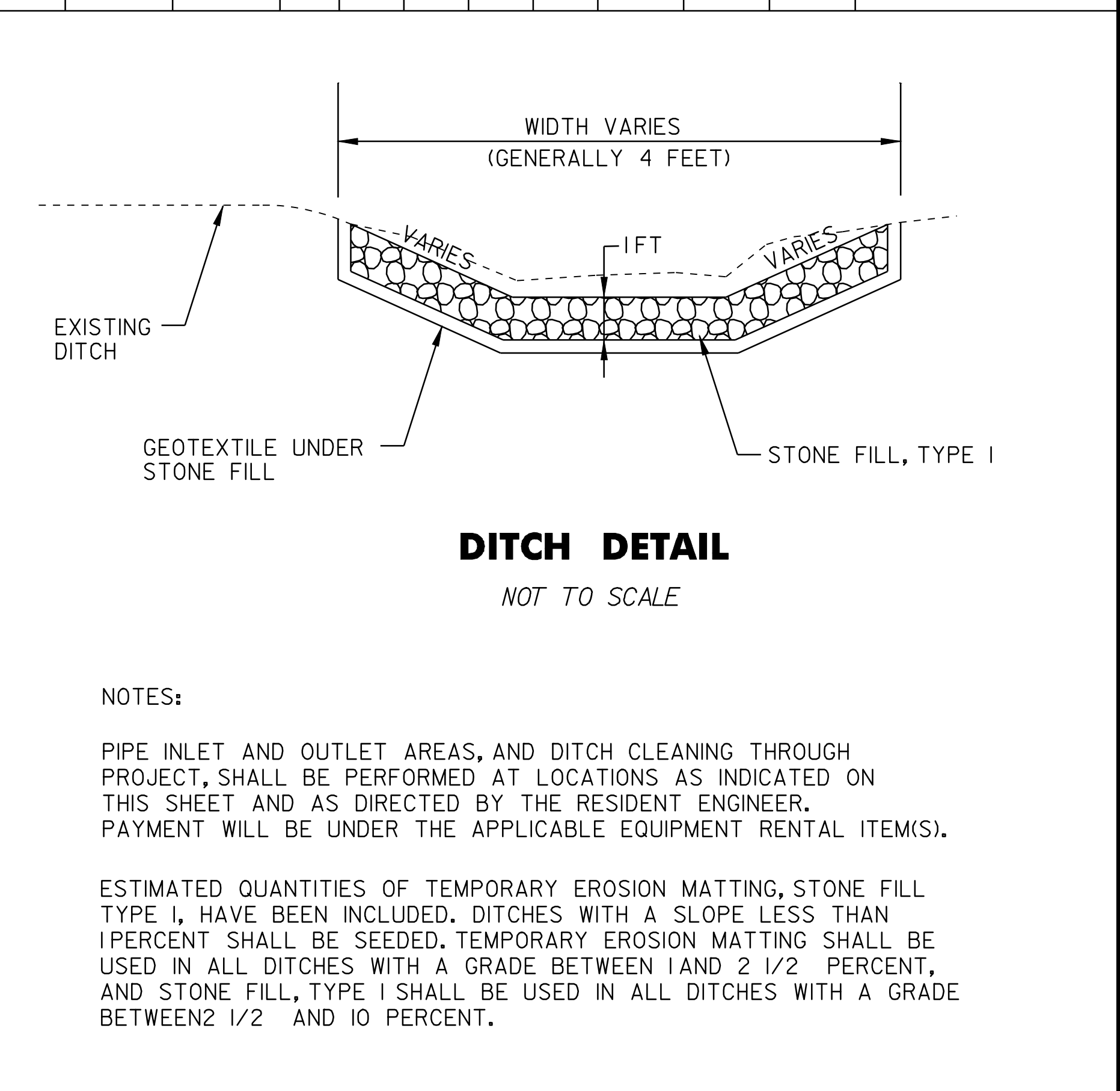
NOT TO SCALE

**ASPHALTIC
PLUG JOINT
DETAIL SHEET**

PROJECT NAME: WEATHERSFIELD
PROJECT NUMBER: SIP_2711(I)
FILE NAME: p07c164.dgn
PROJECT LEADER: ERD
DESIGNED BY: JLR
IPARM FILE: p07c164_05.i
PLOT DATE: 28-MAY-2010
DRAWN BY: JLR
CHECKED BY: JLR/LSW
SHEET 5 OF 21

LOCATION				FEET OF DITCHING				MISC. ITEMS			REMARKS	LOCATION				FEET OF DITCHING				MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE				STONE FILL TYP. I	GEOT. UNDER STONE FILL	TEMP. EROS. MATT.		SITE	STATION	STATION	POS.	PERCENT GRADE				TEMP. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL	
				0-1	1-2.5	2.5-10	>10									0-1	1-2.5	2.5-10	>10				
				613.10	649.31	653.20	653.20									613.10	649.31						
VT ROUTE 106, WEATHERSFIELD DISTRICT #2								CY	SY	SY									SY	CY	SY		
1	166+30 +63+63	168+32 +70+56	RT			201.5 690		31.68 +02	83.5 307														
	171+05	174+50	RT		345																		
	175+00	182+00	RT		700																		
	182+30	190+70	RT		840																		
	190+80	206+50	RT		1570																		
	220+50	222+80	RT		230																		
	184.50		LT		55 FT			13.24	30.6														
	217+35		LT		10 FT			2.41	7.2														
SHEET SUBTOTALS					3685	690		102	307	2456													
ROUNDING					15	10		3	3	44													
TOTALS THIS SHEET					3700	700		105	310	2500													

LOCATION				FEET OF DITCHING				MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE				TEMP. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL	
				0-1	1-2.5	2.5-10	>10				
				653.20	613.10	649.31					



NOTES:

PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS AS INDICATED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING, STONE FILL TYPE I, HAVE BEEN INCLUDED. DITCHES WITH A SLOPE LESS THAN 1 PERCENT SHALL BE SEEDDED. TEMPORARY EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 1 AND 2 1/2 PERCENT, AND STONE FILL, TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2 1/2 AND 10 PERCENT.

DITCH CLEANING DETAIL SHEET	PROJECT : WEATHERSFIELD	PROJECT NO. : STP 2711(I)
	DESIGN FILE NAME: p07cl64.dgn	PLOT DATE: 28-MAY-2010 13
	IPARM FILE NAME: p07cl64.l0.i	SURVEY DATE: 11-08
	SURVEYED BY: JLR/LEW	DRAWN BY: JLR
SQUAD LEADER: ERD	SHEET: 10 OF 21	

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 123+55 ~ 129+00 --SOLID LT
STA. 123+55 ~ 123+80--SOLID RT
STA. 124+25 ~ 129+00--SOLID RT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 123+55 ~ 123+80 --SOLID LT & RT
STA. 124+20 ~ 129+00 --SOLID LT & RT

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC

STA. 124+18 RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 124+18 RT

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 123+55 ~ 129+00 --SOLID LT
STA. 123+55 ~ 123+80--SOLID RT
STA. 124+25 ~ 129+00--SOLID RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 123+55 ~ 123+80 --SOLID LT & RT
STA. 124+20 ~ 129+00 --SOLID LT & RT

646.682 TEMPORARY 24" STOP BAR, THERMOPLASTIC

STA. 124+18 RT

646.692 TEMPORARY LETTER OR SYMBOL, THERMOPLASTIC

STA. 124+18 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 123+55 LT
STA. 123+55 RT

621.60 ANCHOR FOR STEEL BEAM RAIL

STA. 123+55 LT ~ 123+67 LT
STA. 123+55 RT ~ 123+67 RT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL

STA. 123+55 LT ~ 123+67 LT
STA. 123+55 RT ~ 123+67 RT

616.47 BITUMINOUS CONCRETE GUTTERS & TRAFFIC ISLANDS

STA. 124+45 ~ 129+00 LT
STA. 124+45 ~ 129+00 RT

**BEGIN PROJECT
STA 123+55 RT
MM 2.339**

BRIDGE #8
3 SPAN DECK PLATE GIRDER
STA. 122+47
MM 2.319

EXISTING BRIDGE RAIL (RETAIN)

EXISTING BRIDGE RAIL (RETAIN)

PERKINSVILLE
SPRINGFIELD 6

RET

RET

PVILLE
SPRNGFD 6

STA 129+00

PAVED GUTTER

PAVED GUTTER

MATCHLINE--SEE NEXT SHEET

117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00 125+00 126+00 127+00 128+00

675.50 REMOVING SIGNS

AS SHOWN-4

675.60 ERECTING SALVAGED SIGNS

AS SHOWN-1

516.10 BRIDGE EXPANSION JOINT,

ASPHALTIC PLUG

STA. 123+55 LT-RT

STA 123+55 RT

MILL ST R&S
R

STA 123+55 RT

LEGAL LOAD
LIMIT
24,000
POUNDS
R

LEGAL LOAD
LIMIT
24,000
POUNDS
N

STA 123+55 RT

NO
OUTLET
N

DEAD
END
R

MILL ST.
SAT. 123+82
MM 2.345
FLD. MSE. STA. 124+00
MM 2.438

LIMIT OF PAVING

STA 124+35 RT

STOP
R

MILL ST S
STOP N
N

STA 125+56 RT

T. I. S.
T. I. S.
RET

SIGN LEGEND

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

NOT TO SCALE

**PROJECT
LAYOUT
SHEET 1**

PROJECT NAME: WEATHERSEIELD

PROJECT NUMBER: SIP_27111

FILE NAME: p07c164.dgn PLOT DATE: 28-MAY-2010 13:4

PROJECT LEADER: ERD DRAWN BY: JLB

DESIGNED BY: JLB CHECKED BY: JLB/LSW

p07c164-11.i SHEET 1 OF 21

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC

STA. 129+00 ~ 130+40 --SOLID RT
 STA. 129+00 ~ 142+00 --SOLID LT
 STA. 130+58 ~ 142+00 --SOLID RT

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 129+00 ~ 130+40 --SOLID RT
 STA. 129+00 ~ 142+00 --SOLID LT
 STA. 130+58 ~ 142+00 --SOLID RT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC

STA. 129+00 ~ 130+27 --SOLID LT & RT
 STA. 130+67 ~ 142+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 129+00 ~ 130+27 --SOLID LT & RT
 STA. 130+67 ~ 142+00 --SOLID LT & RT

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC

STA. 130+61 RT

646.682 TEMPORARY 24" STOP BAR, THERMOPLASTIC

STA. 130+61 RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 130+61 RT

646.692 TEMPORARY LETTER OR SYMBOL, THERMOPLASTIC

STA. 130+61 RT

616.47 BITUMINOUS CONCRETE GUTTERS & TRAFFIC ISLANDS

STA. 129+00 ~ 131+20 LT
 STA. 129+00 ~ 129+50 RT

675.50 REMOVING SIGNS

AS SHOWN--4

675.60 ERECTING SALVAGED SIGNS

AS SHOWN--1

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 131+58 RT ~ 140+58 RT

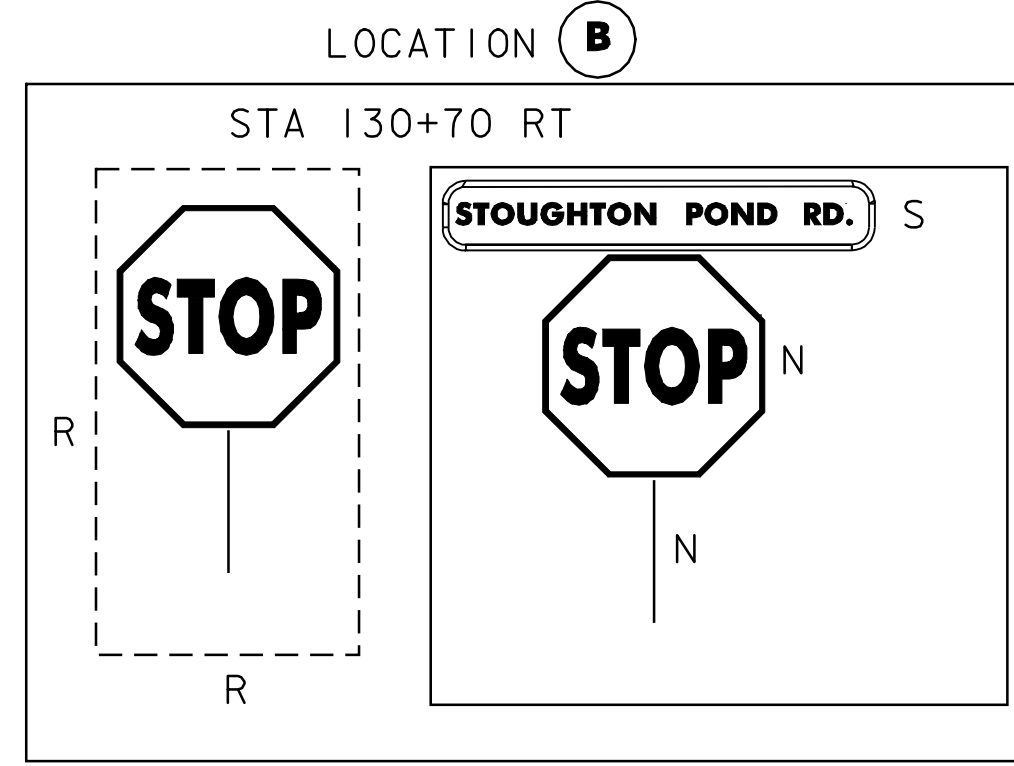
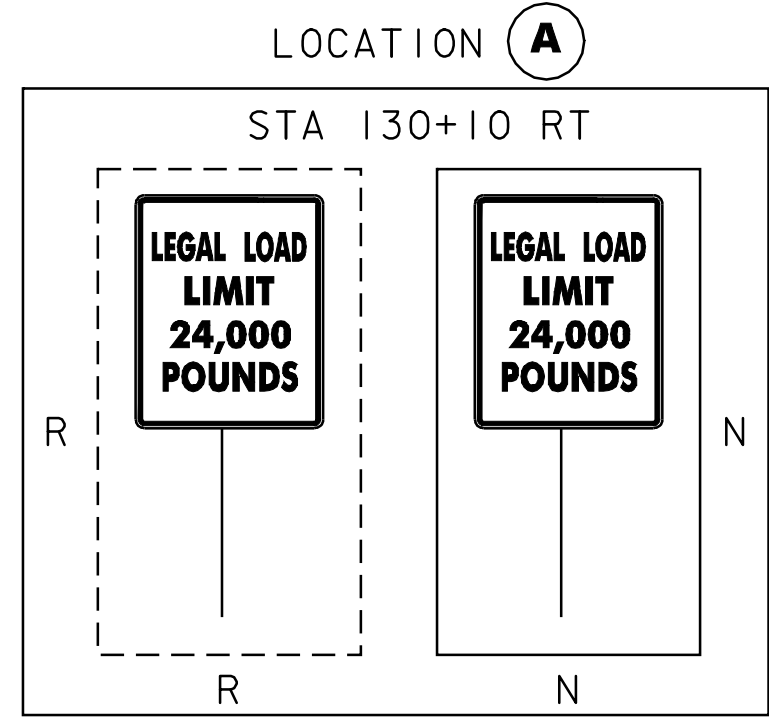
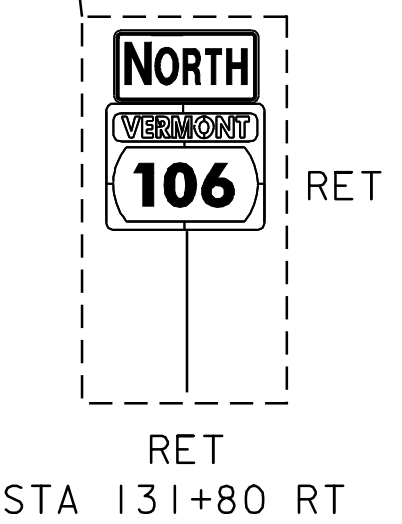
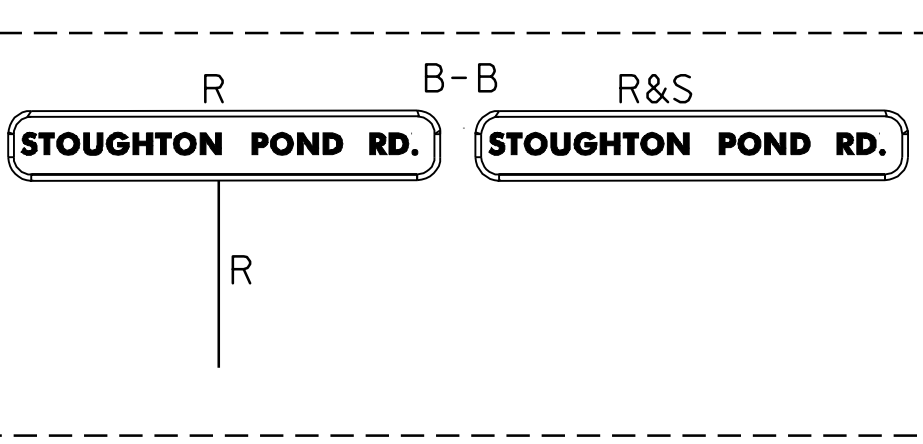
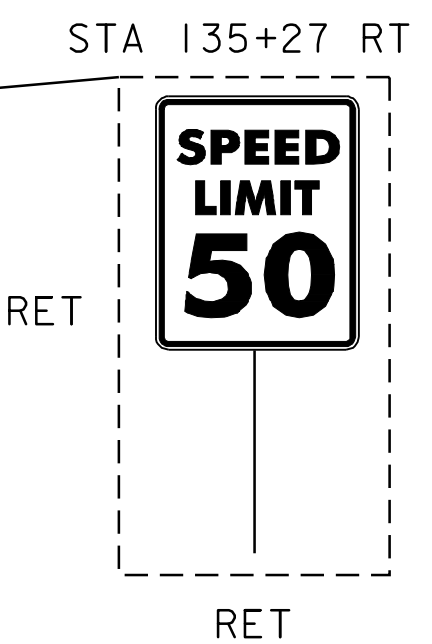
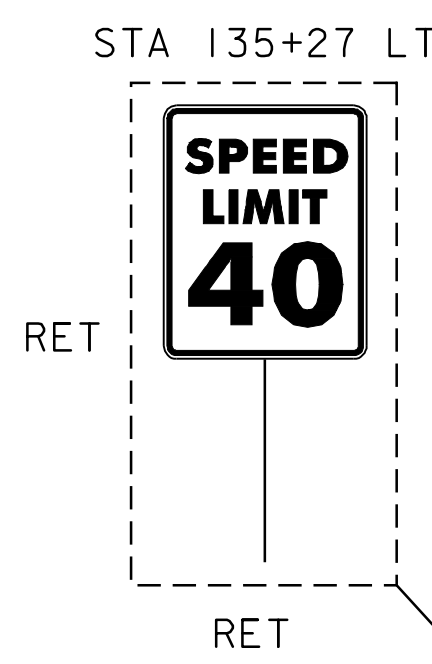
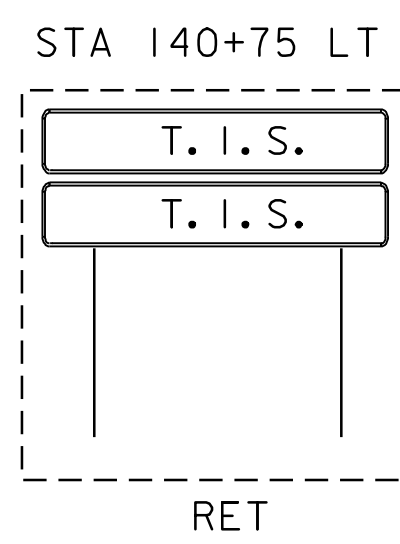
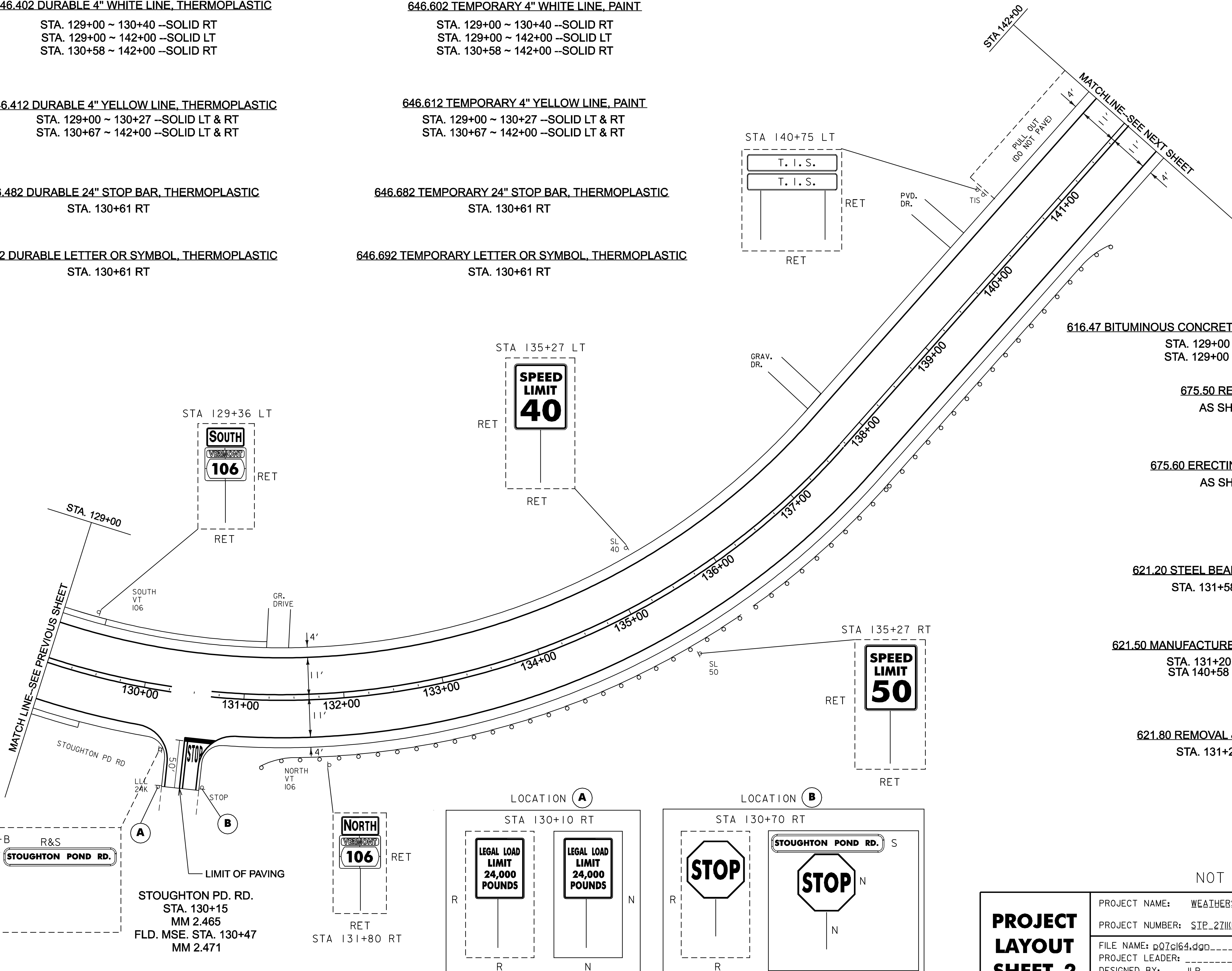
621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA. 131+20 RT ~ 131+58 RT
 STA. 140+58 RT ~ 140+96 RT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL

STA. 131+20 RT ~ 140+96 RT

NOT TO SCALE



STOUGHTON PD. RD.
 STA. 130+15
 MM 2.465
 FLD. MSE. STA. 130+47
 MM 2.471

PROJECT LAYOUT SHEET 2

PROJECT NAME:	WEATHERSEIELD.....		
PROJECT NUMBER:	SIP_27(11).....		
FILE NAME:	p07c164.dgn.....	PLOT DATE:	28-MAY-2010 13:4
PROJECT LEADER:	DRAWN BY:	JLB.....
DESIGNED BY:	JLB.....	CHECKED BY:	JLB/LSW.....
p07c164-12.1.....	SHEET	12 OF 21

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA. 142+00 ~ 154+00 --SOLID LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
 STA. 142+00 ~ 154+00 --SOLID LT & RT

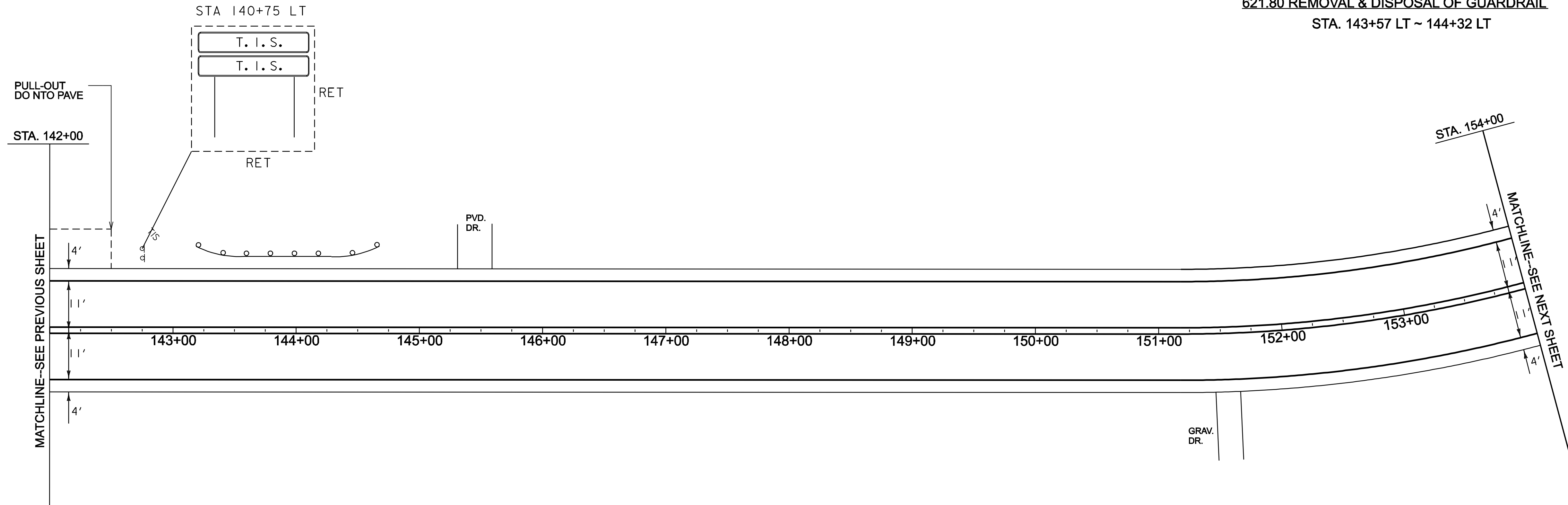
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 143+57 LT ~ 144+32 LT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA. 142+00 ~ 154+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
 STA. 142+00 ~ 154+00 --SOLID LT & RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
 STA. 143+19 LT ~ 143+57 LT
 STA. 144+32 LT ~ 144+70 LT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL
 STA. 143+57 LT ~ 144+32 LT



NOT TO SCALE

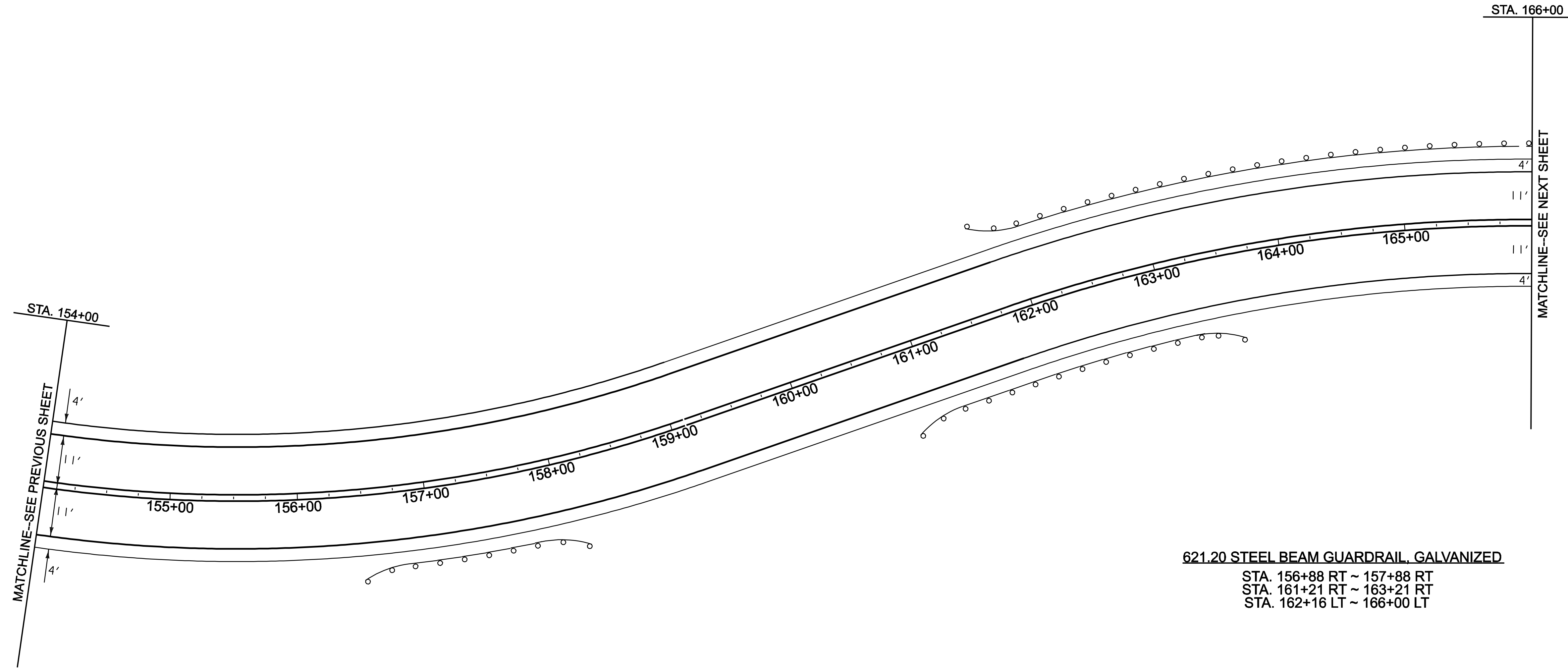
PROJECT LAYOUT SHEET 3	PROJECT NAME: WEATHERSEIELD.....	PROJECT NUMBER: SIP_27111).....
	FILE NAME: p07c164.dgn.....	PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD.....	DRAWN BY: JLB.....
	DESIGNED BY: JLB.....	CHECKED BY: JLB/LSW.....
	p07c164-13.i.....	SHEET 13 OF 21.....

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA. 154+00 ~ 166+00 --SOLID LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
 STA. 154+00 ~ 166+00 --SOLID LT & RT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA. 154+00 ~ 166+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
 STA. 154+00 ~ 166+00 --SOLID LT & RT



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 156+88 RT ~ 157+88 RT
 STA. 161+21 RT ~ 163+21 RT
 STA. 162+16 LT ~ 166+00 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
 STA. 156+50 ~ 156+88 RT
 STA. 157+88 ~ 158+26 RT
 STA. 160+83 ~ 161+21 RT
 STA. 161+78 ~ 162+16 LT
 STA. 163+21 ~ 163+59 RT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL
 STA. 156+50 RT ~ 158+26 RT
 STA. 160+83 RT ~ 163+58 RT
 STA. 161+78 LT ~ 166+00 LT

NOT TO SCALE

PROJECT LAYOUT SHEET 4	PROJECT NAME: WEATHERSEIELD.....	
	PROJECT NUMBER: SIP_27(11).....	
	FILE NAME: p07c164.dgn.....	PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD.....	DRAWN BY: JLB.....
	DESIGNED BY: JLB.....	CHECKED BY: JLB/LSW.....
	p07c164-14.i.....	SHEET 14 OF 21.....

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
STA. 166+00 ~ 178+00 --SOLID LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 166+00 ~ 178+00 --SOLID LT & RT

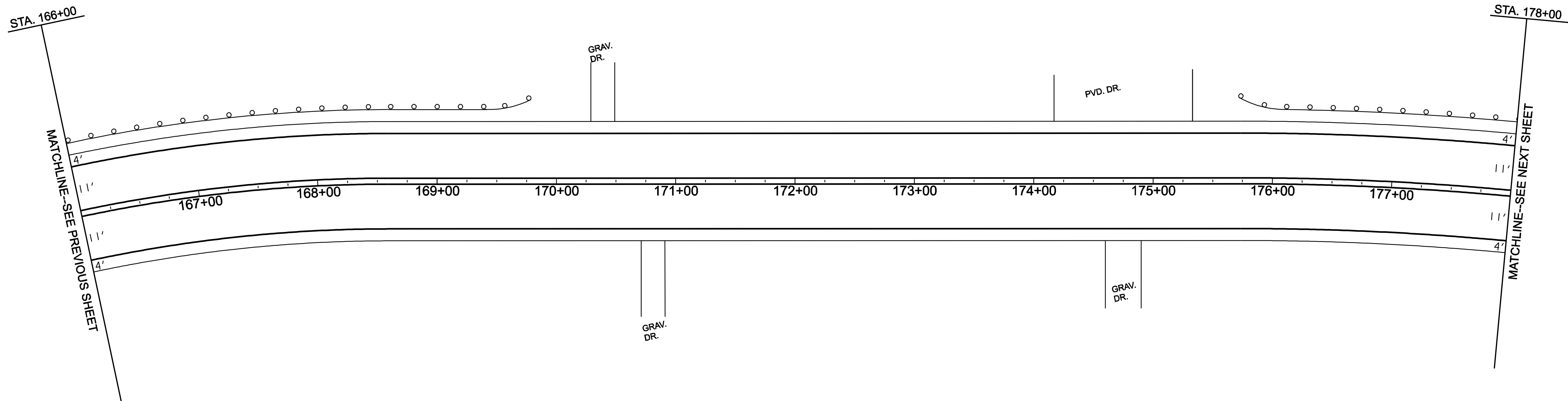
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 166+00 LT ~ 169+41 LT
STA. 176+10 LT ~ 178+00 LT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA. 166+00 ~ 178+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 166+00 ~ 178+00 --SOLID LT & RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 169+41 LT ~ 169+79 LT
STA. 175+72 LT ~ 176+10 LT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL
STA. 166+00 LT ~ 169+79 LT
STA. 175+72 LT ~ 178+00 LT



NOT TO SCALE

PROJECT LAYOUT SHEET 5	PROJECT NAME: WEATHERSEIELD.....	
	PROJECT NUMBER: SIP_27111).....	
	FILE NAME: p07c164.dgn.....	PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD.....	DRAWN BY: JLB.....
	DESIGNED BY: JLB.....	CHECKED BY: JLB/LSW.....
	p07c164-15.i.....	SHEET 75 OF 21.....

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
STA. 178+00 ~ 190+00 --SOLID LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 178+00 ~ 190+00 --SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 178+00 LT ~ 183+48 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 187+77 LT ~ 190+00 LT

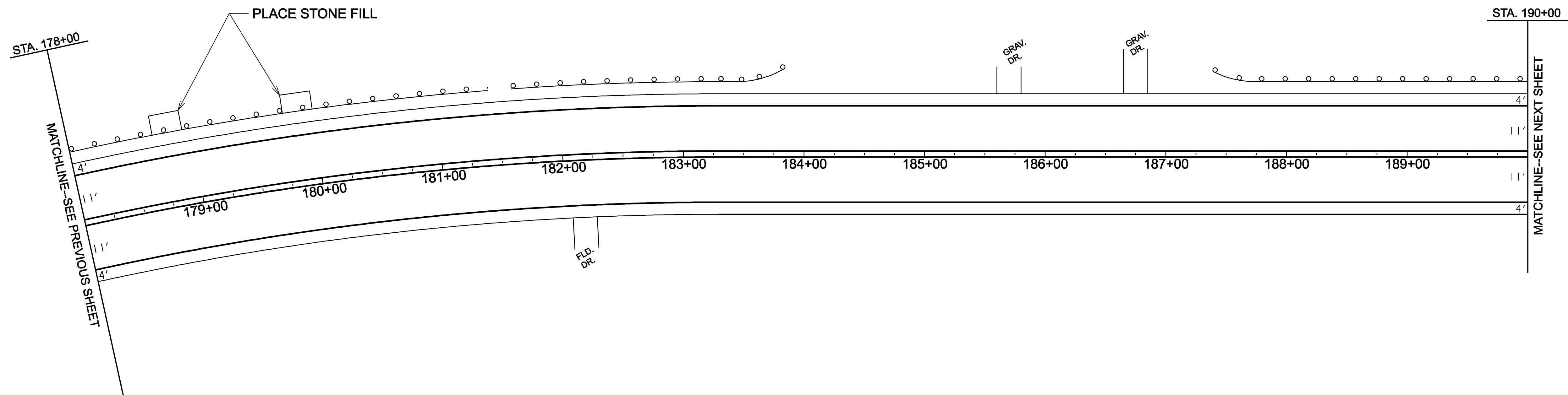
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA. 178+00 ~ 190+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 178+00 ~ 190+00 --SOLID LT & RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 183+48 LT ~ 183+86 LT
STA. 187+39 LT ~ 187+77 LT

613.10 STONE FILL, TYPE I
STA. 178+62 ~ 178+80 LT
STA. 179+73 ~ 179+98 LT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL
STA. 178+00 LT ~ 183+86 LT
STA. 187+39 LT ~ 190+00 LT



NOT TO SCALE

PROJECT LAYOUT SHEET 6	PROJECT NAME: WEATHERSEIELD.....	
	PROJECT NUMBER: SIP_27(II).....	
	FILE NAME: p07c164.dgn.....	PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD.....	DRAWN BY: JLB.....
DESIGNED BY: JLB.....	CHECKED BY: JLB/LSW.....	
p07c164-16.l.....	SHEET 16 OF 21.....	

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
STA. 190+00 ~ 203+00 --SOLID LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 190+00 ~ 203+00 --SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 190+77 LT ~ 203+00 LT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA. 190+00 ~ 203+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 190+00 ~ 203+00 --SOLID LT & RT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS
STA. 190+00 LT ~ 190+77 LT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL
STA. 190+00 LT ~ 203+00 LT

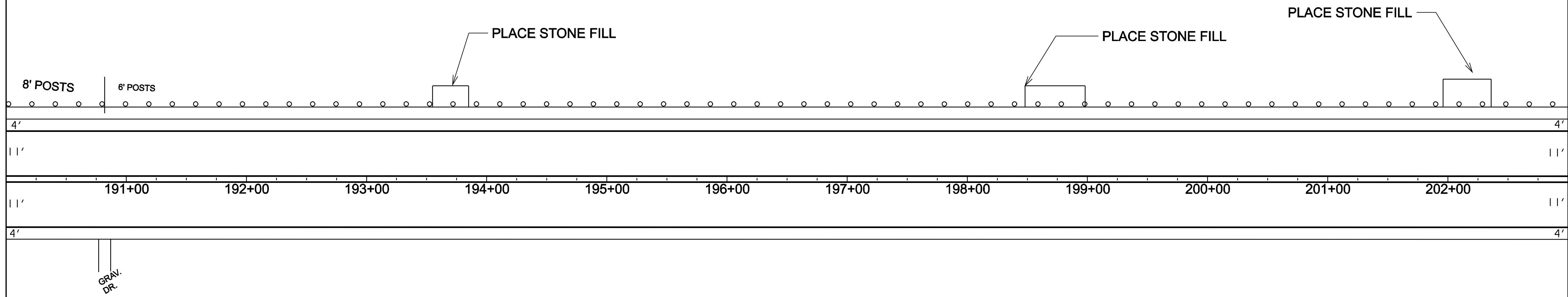
613.10 STONE FILL, TYPE II
STA. 193+55 ~ 193+85 LT
STA. 198+48 ~ 198+98 LT
STA. 201+96 ~ 202+36 LT

STA. 190+00

STA. 203+00

MATCHLINE--SEE PREVIOUS SHEET

MATCHLINE--SEE NEXT SHEET



NOT TO SCALE

PROJECT LAYOUT SHEET 7	PROJECT NAME: WEATHERSEIELD.....	
	PROJECT NUMBER: SIP_27(II).....	
	FILE NAME: p07c164.dgn.....	PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD.....	DRAWN BY: JLB.....
DESIGNED BY: JLB.....	CHECKED BY: JLB/LSW.....	
		SHEET 17 OF 21.....

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
STA. 203+00 ~ 216+00 --SOLID LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 203+00 ~ 216+00 --SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA 203+00 LT ~ 205+64 LT
STA. 208+31 LT ~ 211+43 LT

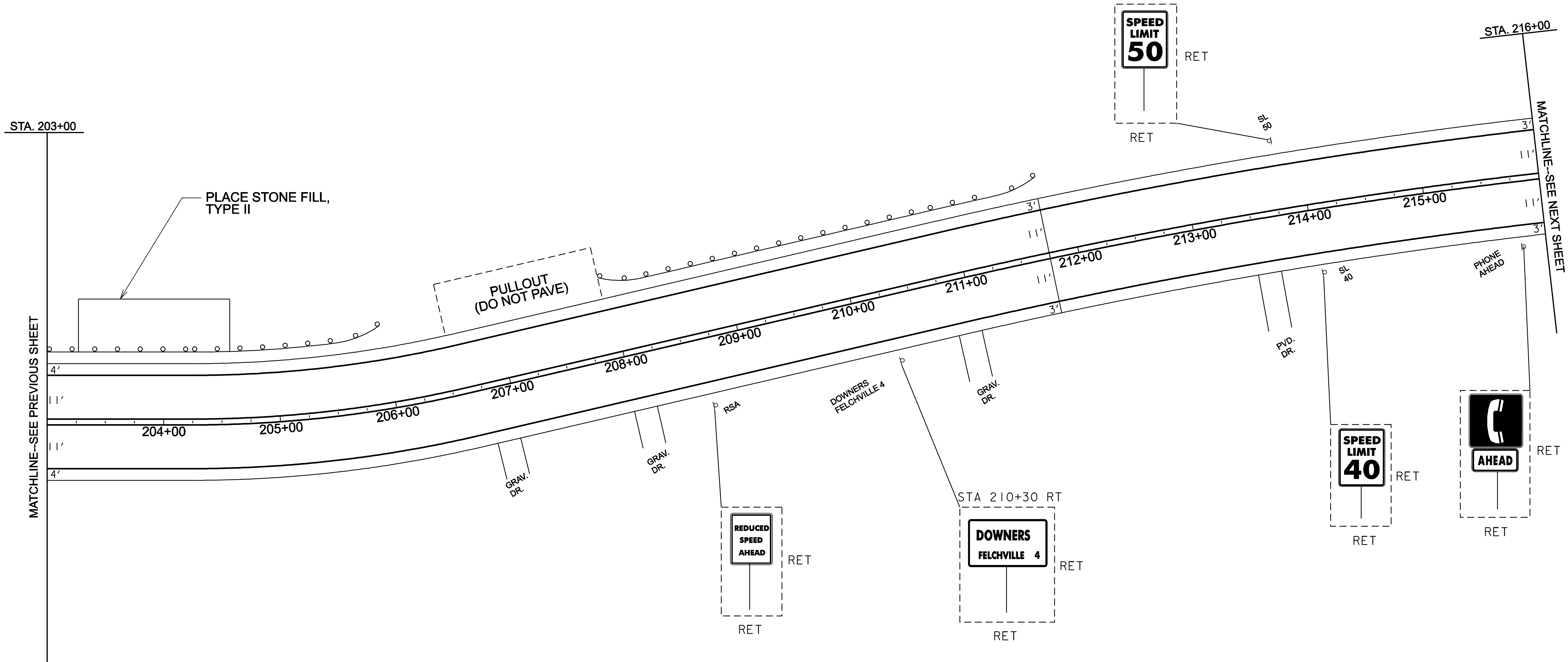
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
STA. 203+00 ~ 216+00 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 203+00 ~ 216+00 --SOLID LT & RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 205+64 LT ~ 206+02 LT
STA. 207+93 LT ~ 208+31 LT
STA. 211+43 LT ~ 211+81 LT

613.11 STONE FILL, TYPE II
STA. 203+25 ~ 204+60 LT

621.80 REMOVAL & DISPOSAL OF GUARDRAIL
STA. 203+00 LT ~ 206+02 LT
STA. 207+93 LT ~ 211+81 LT



NOT TO SCALE

PROJECT LAYOUT SHEET 8	PROJECT NAME: WEATHERSEIELD.....	
	PROJECT NUMBER: SIP_27(11).....	
	FILE NAME: p07c164.dgn.....	PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD.....	DRAWN BY: JLB.....
	DESIGNED BY: JLB.....	CHECKED BY: JLB/LSW.....
	p07c164-18.i.....	SHEET 18 OF 21.....

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
 STA. 216+00 ~ 226+25 --SOLID LT & RT

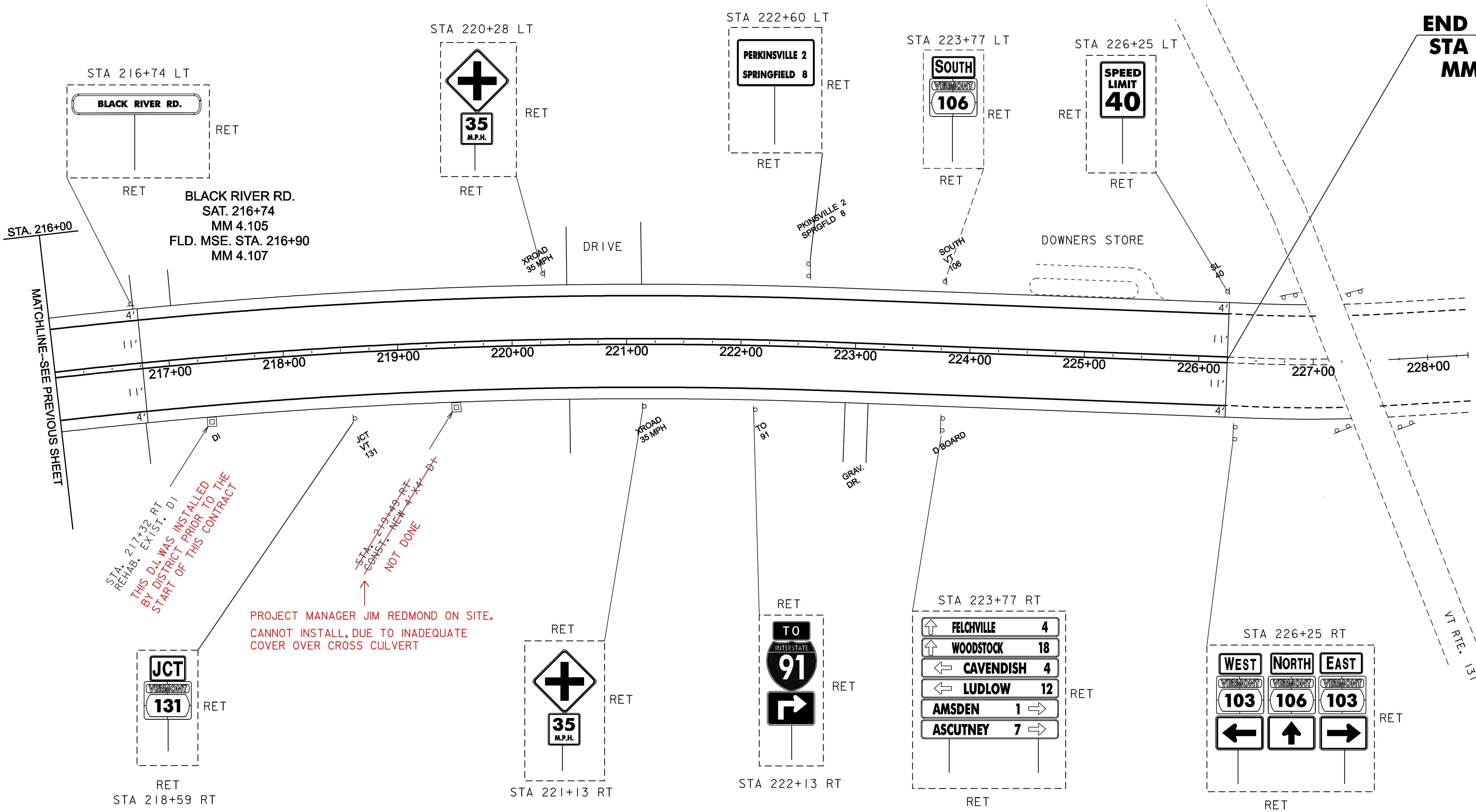
646.602 TEMPORARY 4" WHITE LINE, PAINT
 STA. 216+00 ~ 226+25 --SOLID LT & RT

604.412 REHAB DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS 1
 STA. 217+32 RT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
 STA. 216+00 ~ 226+25 --SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
 STA. 216+00 ~ 226+25 --SOLID LT & RT

END PROJECT
STA 226+25
MM 4.285



MATCHLINE--SEE PREVIOUS SHEET

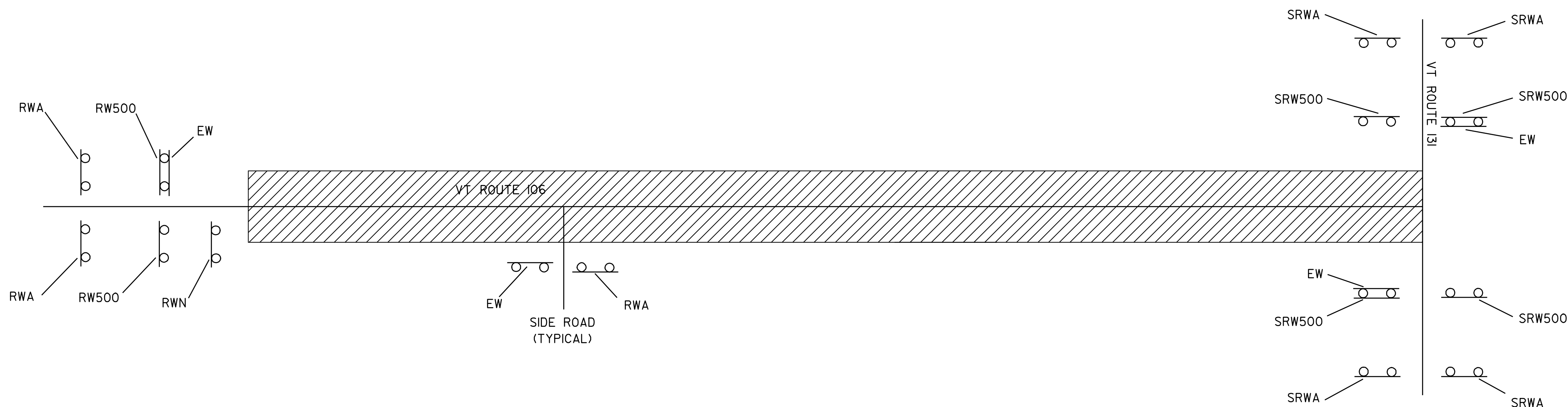
STA. 217+32 RT
 REHAB. EXIST. D.I.
 THIS D.I. WAS INSTALLED
 BY DISTRICT PRIOR TO THE
 START OF THIS CONTRACT

PROJECT MANAGER JIM REDMOND ON SITE.
 CANNOT INSTALL, DUE TO INADEQUATE
 COVER OVER CROSS CULVERT

STA. 219+49 RT
 CONST. NEW D.I.
 NOT DONE

NOT TO SCALE

PROJECT LAYOUT SHEET 9	PROJECT NAME: WEATHERSEIELD.....
	PROJECT NUMBER: SIP_27111.....
	FILE NAME: p07c164.dgn..... PLOT DATE: 28-MAY-2010 13:4
	PROJECT LEADER: ERD..... DRAWN BY: JLB.....
DESIGNED BY: JLB..... CHECKED BY: JLB/LSW.....	
p07c164-19.i..... SHEET 19 OF 21.....	



LEGEND

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500 FEET
- EW = END WORK
- RWN = ROAD WORK NEXT 11 MILES
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500 FEET

CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 FOR SIGN PLACEMENT

RESIDENT ENGINEER, AT HIS OR HER DISCRETION, SHALL ELIMINATE CONSTRUCTION APPROACH SIGNING AT DEAD END LOCATIONS.

LIST OF CONSTRUCTION SIGNS

TOWN HIGHWAY	RWA	RW500	SRWA	SRW500	EW	RWN
BEGIN PROJECT	2	2			1	1
STOUGHTON PD. RD.	1				1	
BLACK RIVER RD.	1				1	
VT. RTE. 131			4	4	2	2
END PROJECT	2	2			2	2
TOTALS	6	4	4	4	7	5

NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".
2. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH VTRANS STANDARD E-103. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".
3. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ALONG THIS PROJECT. THE PLACEMENT OF THESE UNITS AS WELL AS THE MESSAGE WILL BE APPROVED BY THE RESIDENT ENGINEER. THESE SIGNS WILL BE PAID FOR UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN".

PCMS SHOULD NOT REPLACE ANY OF THE SIGNING DETAILED IN THE MUTCD AND SHOULD NOT BE USED IF STANDARD TRAFFIC CONTROL DEVICES ADEQUATELY PROVIDE THE INFORMATION THE MOTORISTS NEED TO TRAVEL SAFELY.

THE PCMS SHALL CONSIST OF EITHER ONE OR TWO PHASES. TYPICALLY, A PHASE SHALL CONSIST OF UP TO THREE LINES OF EIGHT CHARACTERS PER LINE. THE PCMS SHOULD BE USED TO SUPPLEMENT AND NOT AS A SUBSTITUTE FOR CONVENTIONAL SIGNS AND PAVEMENT MARKINGS.

THE PCMS SHOULD COMMUNICATE WHAT INFORMATION MOTORISTS NEED TO KNOW. UNNECESSARY INFORMATION SHOULD BE AVOIDED. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS.
4. THE MUTCD 2003 SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. TRAFFIC CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE 2003 MUTCD AND/OR VTRANS STANDARDS.
6. PAYMENT FOR CONSTRUCTION SIGNING WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10, TRAFFIC CONTROL.
7. AS THE PAVING OPERATION MOVES, FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.
8. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.
9. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGN IS ABOVE THE TOP OF GUARDRAIL.

DATUM
VERTICAL N/A
HORIZONTAL N/A

CONSTRUCTION APPROACH SIGNING

DESIGNED BY JLR DATE 12-08
DRAWN BY JLR DATE 12-08
DESIGN FILE NO. p07c164.dgn
PRF FILE p07c164_21.1 DATE 28-MAY-2010 PLOTTED 13:54
PROJ. NAME **WEATHERSFIELD**
PROJ. NO. **STP 2711(1)**
SHEET **21** OF **21** SHEETS