

INDEX OF SHEETS

SEE SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
CLASS I TOWN HIGHWAY
CITY OF MONTPELIER
COUNTY OF WASHINGTON
U.S. ROUTE 2 & U.S. ROUTE 302

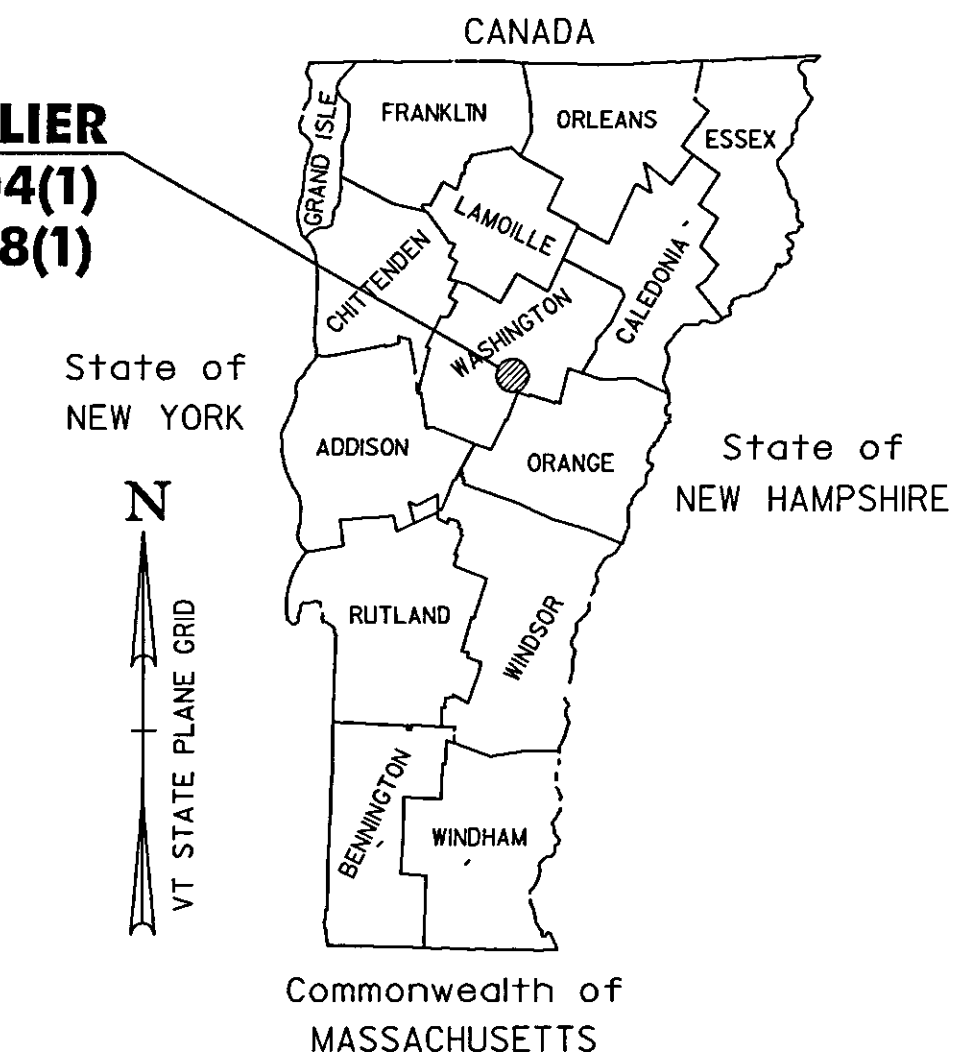
**MONTPELIER
NH 2604(1)
U.S. ROUTE 2**

SEE SHEET 7 OF 84

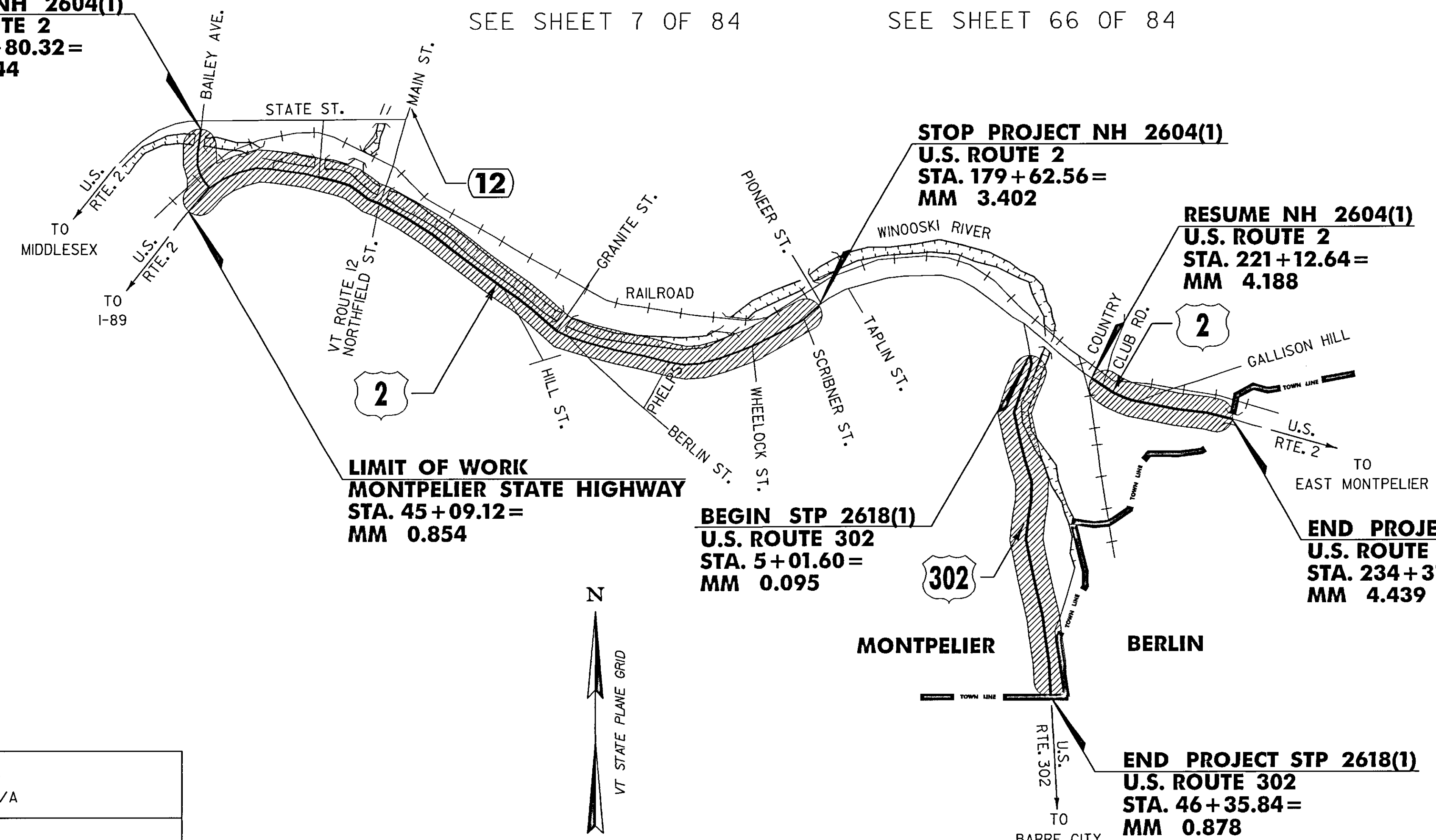
**MONTPELIER
STP 2618(1)
U.S. ROUTE 302**

SEE SHEET 66 OF 84

**MONTPELIER
NH 2604(1)
STP 2618(1)**



**BEGIN NH 2604(1)
U.S. ROUTE 2
STA. 86+80.32=
MM 1.644**



**STOP PROJECT NH 2604(1)
U.S. ROUTE 2
STA. 179+62.56=
MM 3.402**

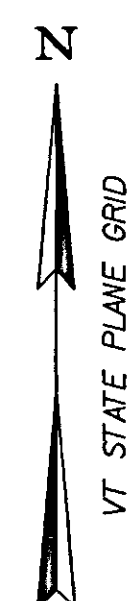
**RESUME NH 2604(1)
U.S. ROUTE 2
STA. 221+12.64=
MM 4.188**

**LIMIT OF WORK
MONTPELIER STATE HIGHWAY
STA. 45+09.12=
MM 0.854**

**BEGIN STP 2618(1)
U.S. ROUTE 302
STA. 5+01.60=
MM 0.095**

**END PROJECT NH 2604(1)
U.S. ROUTE 2
STA. 234+37.92=
MM 4.439**

**END PROJECT STP 2618(1)
U.S. ROUTE 302
STA. 46+35.84=
MM 0.878**



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 : N/A
SURVEYED DATE : N/A

DATUM
VERTICAL: N/A
HORIZONTAL: N/A

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER: ROBERT SUCKERT
CONSTRUCTION BEGAN: JUNE 9, 2009
CONSTRUCTION COMPLETE: OCTOBER 20, 2009
RECORD PLANS BY: ROBERT SUCKERT & AMOS KEMPTON

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY *Robert Suckert* RESIDENT ENGINEER

DATE 7-6-11

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.

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 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 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.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN 'NOT TO SCALE'.

DIRECTOR OF PROGRAM DEVELOPMENT

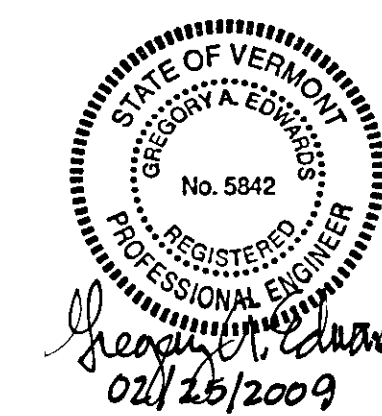
APPROVED *John V. Powell* DATE 3-9-2009

PROJECT MANAGER : TED DOMEY

PROJECT NAME : MONTPELIER

PROJECT NUMBER : NH 2604(1) & STP 2618(1)

SHEET 1 OF 84 SHEETS



p06b034.dgn
p06b034cts.1

INDEX

1	COMPOSITE TITLE SHEET
2	COMPOSITE INDEX OF SHEETS & VTRANS STANDARDS
3-5	COMPOSITE QUANTITY SHEETS
6	COMPOSITE TEMPORARY TRAFFIC CONTROL PLAN

MONTPELIER NH 2604(1)

7	TITLE SHEET
8	PROJECT TYPICAL SHEET
9-10	MISCELLANEOUS DETAIL SHEETS
11	ASPHALTIC PLUG JOINT DETAIL SHEET
12-14	QUANTITY SHEETS
15-16	ITEM DETAIL SUMMARY SHEET
17	DRIVE DETAIL SHEET
18-38	PROJECT LAYOUT SHEETS
39-57	TRAFFIC SIGN SUMMARY SHEETS
58-59	TRAFFIC SIGN DETAIL SHEET
60-63	VIDEO DETECTION SYSTEM SHEETS
64	RAILROAD GRADE CROSSING DETAIL
65	UTILITY & STRUCTURE LOCATIONS SHEET

MONTPELIER STP 2618(1)

66	TITLE SHEET
67	PROJECT TYPICAL SHEET
68	MISCELLANEOUS DETAILS & UTILITY LOCATIONS SHEET
69-70	QUANTITY SHEETS
71	ITEM DETAIL SUMMARY SHEET
72	DRIVE DETAIL SHEET
73	DITCH CLEANING DETAIL SHEET
74-80	PROJECT LAYOUT SHEETS
81-84	TRAFFIC SIGN SUMMARY SHEETS

VAOT STANDARDS

C-3A	SIDEWALK RAMPS	03-10-2008
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	03-10-2008
D-6	REINFORCED CONCRETE DROP INLET W/GRATE (DITCHES)	06-01-1994
D-8	REINFORCED CONCRETE DROP INLET WITH PRECAST COVER & GRATE (BOTTOM SECTION) SEE SHEETS D-9,10,11 FOR TOP SECTION	01-03-2000
D-9	REINFORCED CONCRETE DROP INLET TOPS VERTICAL CURB & THROAT ADAPTER	06-01-1994
D-15	PRECAST REINFORCED CONC. MH-GRATES (BICYCLE SAFE) CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E	06-01-1994
D-16	PRECAST CURB DI, GRATE, RCP ENDSECTION, ETC. CAST IRON GRATE, TYPE B CAST IRON GRATE, TYPE C UNDERDRAIN RISER REINFORCED CONCRETE PIPE END SECTION ENERGY DISSIPATOR FOR CULVERT	06-01-1994
E-100	CONSTRUCTION APPROACH SIGNS	01-02-2004
E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	01-02-2004
E-101	CONSTRUCTION SIGN DETAILS	05-30-2003
E-102	CONSTRUCTION SIGN DETAILS	06-30-2003
E-102A	CONSTRUCTION SIGN DETAILS	05-01-2004
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03-01-2004
E-107	DELINEATION BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-30-2003
E-107A	BREAKAWAY BARRICADE DETAILS	08-08-1995
E-108A	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS FOR PAVING	12-08-2008
E-110	MAJOR MAINTANANCE OPERATION LANE CLOSURE	08-08-1995
E-120	STANDARD SIGN PLACEMENT - EXPRESSWAY AND FREEWAY	08-08-1995
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08-08-1995
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	03-16-2004
E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	08-08-1995
E-133	SERVICE SIGN DETAILS	08-08-1995
E-134	BRIDGE NUMBER PLAQUE	08-08-1995
E-135	INTERSTATE ROUTE MARKER SIGN DETAILS	08-18-1995
E-136A	U.S. ROUTE MARKER SIGN DETAILS	08-08-1995
E-136B	STATE ROUTE MARKERS SIGN DETAILS	08-08-1995
E-138	MILE MARKER DETAILS - STATE AND TOWN HIGHWAYS	05-30-2003
E-140	REGULATORY SIGN DETAILS	08-30-1996
E-141	REGULATORY SIGN DETAILS	09-20-1995
E-142	REGULATORY SIGN DETAILS	09-20-1995
E-143	REGULATORY SIGN DETAILS	06-15-2004
E-144	REGULATORY SIGN DETAILS	03-29-1999
E-145A	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12-23-1994
E-145B	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12-23-1994
E-146	REGULATORY SIGN DETAILS	09-20-1995
E-150	WARNING SIGN DETAILS	05-01-2004
E-151	WARNING SIGN DETAILS	05-01-2004
E-152	WARNING SIGN DETAILS	05-01-2004
E-153	WARNING SIGN DETAILS	05-01-2004
E-160	FLANGED CHANNEL STEEL SIGN POST	05-20-1999
E-164	SQUARE STEEL SIGN POST	05-20-1999
E-190	RAILROAD CROSSING SIGNS AND PAVEMENT MARKINGS	06-30-2003
E-191	PAVEMENT MARKINGS DETAILS	02-01-1999
E-192	PAVEMENT MARKINGS DETAILS	10-12-2000
E-193	PAVEMENT MARKINGS DETAILS	08-18-1995
G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01-03-2000
G-1D	ANCHOR FOR STEEL BEAM GUARDRAIL	01-03-2000
G-19	GENERIC PLANS FOR GUARDRAIL END TERMINALS	11-15-2002

NOT TO SCALE



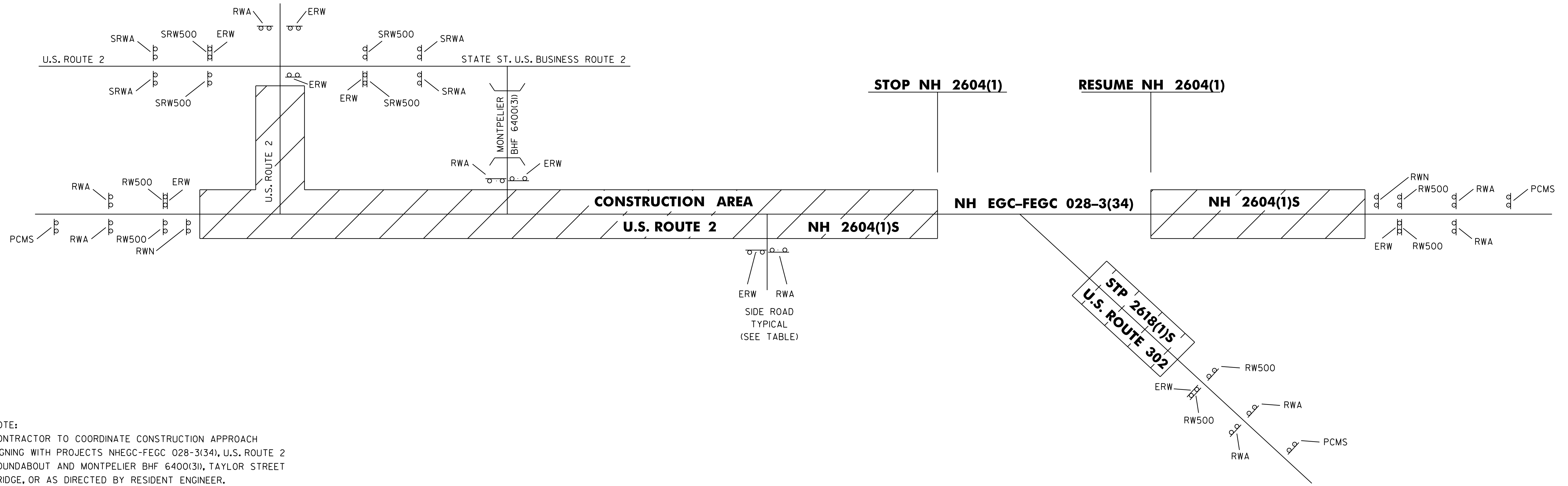
COMPOSITE INDEX OF SHEETS & STANDARDS

PROJECT NAME:	MONTPELIER
PROJECT NUMBER:	NH 2604(1) & STP 2618(1)
FILE NAME:	p06b034.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	MCF
IPARM FILE:	p06b034ind.i
PLOT DATE:	03-AUG-2011 14:05
DRAWN BY:	STANTEC
CHECKED BY:	JLL
SHEET	2 OF 84

COMPOSITE QUANTITY SHEET 3

MONTPELIER NH 2604 (I)						MONTPELIER STP 2618 (I)			TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY	ROADWAY (NO STATE/FEDERAL PARTICIPATION)	EMPLOYEE TRAINEESHIP	EROSION CONTROL	BRIDGE	FULL C.E. ITEMS	ROADWAY	EROSION CONTROL	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NO.	ROUND	QUANTITIES	UNIT	ITEMS
250						250			500		LB	FERTILIZER	651.18	-			
1						1			2		TON	AGRICULTURAL LIMESTONE	651.20	-			
25						25			50		CY	TOPSOIL	651.35	-			
			200				1950		2150		SY	TEMPORARY EROSION MATTING	653.20	-			
711						47			758		SF	TRAFFIC SIGNS, TYPE A	675.20	-			
85									85		LB	TUBULAR ALUMINUM SIGN POST	675.32	-			
1800						265			2065		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-			
192						27			219		EACH	REMOVING SIGNS (TYPE A)	675.50	-			
13									13		EACH	REMOVING SIGNS (TYPE B)	675.50	-			
45						17			62		EACH	ERECTING SALVAGED SIGNS	675.60	-			
6						2			8		EACH	DELINEATOR WITH STEEL POST	676.10	-			
6						2			8		EACH	REMOVAL OF EXISTING DELINEATOR	676.12	-			
1						1			2		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-			
1									1		EACH	SPECIAL PROVISION (REMOVE EXISTING OVERHEAD LIGHT ASSEMBLY)	900.620	-			
3									3		EACH	SPECIAL PROVISION (REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, CANTILEVER)	900.620	-			
2									2		EACH	SPECIAL PROVISION (REMOVE EXISTING OVERHEAD SIGN ASSEMBLY, MULTI-SUPPORT)	900.620	-			
1									1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ BAILEY AVE.EXT.)	900.620	-			
1									1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ TAYLOR ST.)	900.620	-			
1									1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ VT ROUTE 12)	900.620	-			
1									1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ GRANITE ST.)	900.620	-			
1180						930			2110		SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	-			

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(I) / STP 2618(I)
 FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034cqs03.i
 PLOT DATE: 03-AUG-2011 14:06
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 5 OF 84



NOTE:
 CONTRACTOR TO COORDINATE CONSTRUCTION APPROACH
 SIGNING WITH PROJECTS NHEGC-FEGC 028-3(34), U.S. ROUTE 2
 ROUNDABOUT AND MONTPELIER BHF 6400(31), TAYLOR STREET
 BRIDGE, OR AS DIRECTED BY RESIDENT ENGINEER.

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

LOCATION	ERW	RW500	RWA	RWN	PCMS	SRW500	SRWA
MONTPELIER NH 2604(1) U.S. ROUTE 2 BEGIN PROJECT							
BAILEY AVENUE	1		1				
U.S. ROUTE 2 APPROACH	1					2	2
BUSINESS ROUTE 2	1					2	2
HIGH SCHOOL DRIVE	1		1				
VSECU DRIVE	1		1				
MEMORIAL DRIVE	1	2	2	1	1		
TAYLOR ST.	1		1				
MAIN ST. (VT ROUTE 12)	1		1				
NORTHFIELD ST. (VT ROUTE 12)	1		1				
SCHOOL AVE.	1		1				
HILL ST.	1		1				
GRANITE ST.	1		1				
BERLIN ST.	1		1				
PHELPS ST.	1		1				
WHEELLOCK ST.	1		1				
COUNTRY CLUB RD.	1		1				
GALLISON HILL RD.	1		1				
END PROJECT	1	2	2	1	1		
U.S. ROUTE 2 SUB TOTALS	18	4	18	2	2	4	4

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

LOCATION	ERW	RW500	RWA	RWN	PCMS	SRW500	SRWA
MONTPELIER STP 2618(1) U.S. ROUTE 302							
BEGIN PROJECT	1	2	2				
MOONLIGHT TERRACE	1		1				
SHERWOOD DRIVE	1		1				
END PROJECT	1	2	2		1		
U.S. ROUTE 302 SUB TOTALS	4	4	6		1		
U.S. ROUTE 2 SUB TOTALS	18	4	18	2	2	4	4
PROJECT TOTALS	22	8	24	2	3	4	4

LEGEND

- ERW = END ROAD WORK
- RW500 = ROAD WORK 500 FT
- RWA = ROAD WORK AHEAD
- RWN = ROAD WORK NEXT 3 MILES
- PCMS = PORTABLE CHANGEABLE MESSAGE SIGN
- SRW500 = SIDE ROAD WORK 500 FT
- SRWA = SIDE ROAD WORK AHEAD

NOTE:
 PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10



NOT TO SCALE
**COMPOSITE
 TEMPORARY
 TRAFFIC
 CONTROL PLAN**

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(1) & STP 2618(1)

FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034cttcp.i

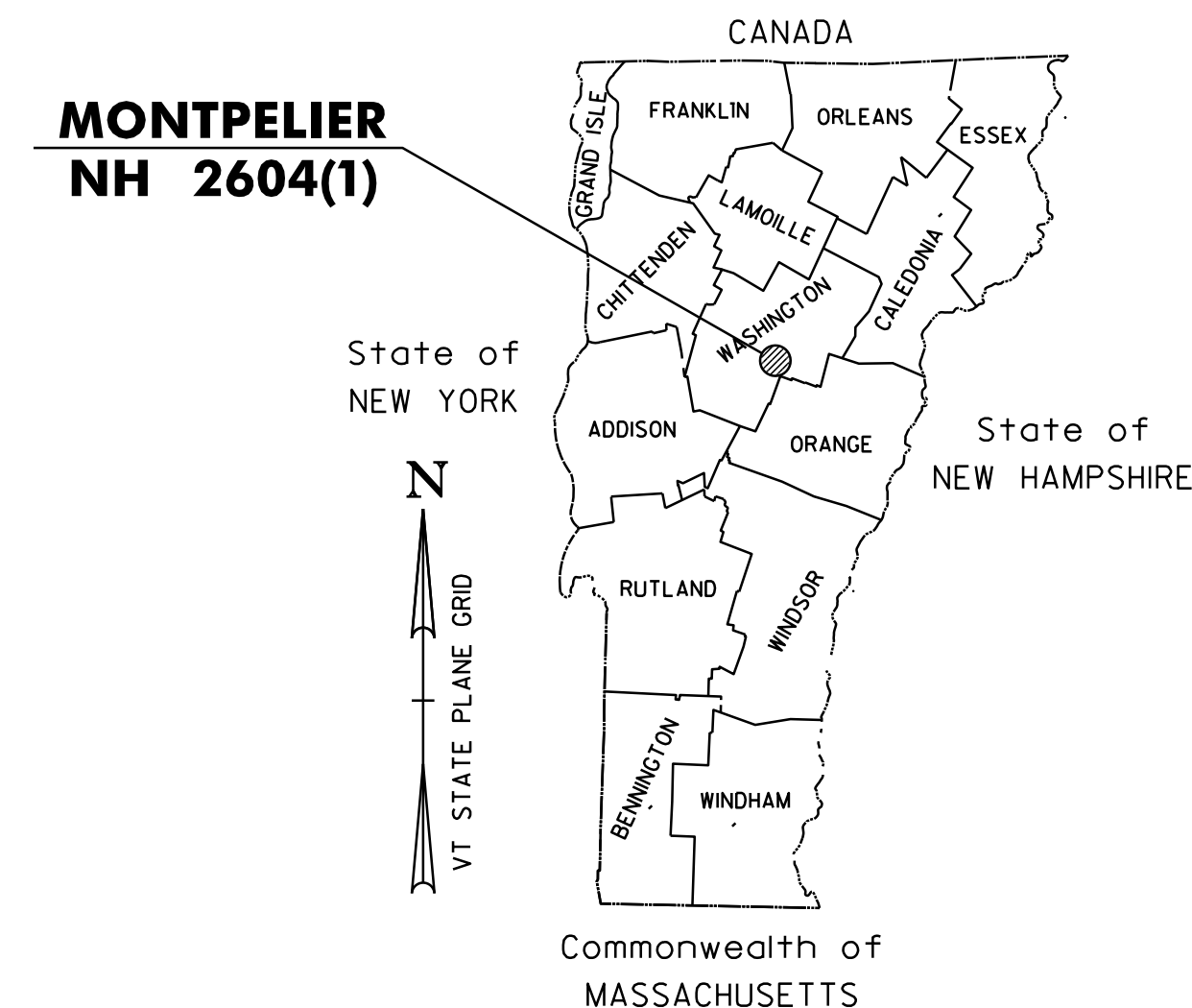
PLOT DATE: 03-AUG-2011 4:06
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 6 OF 84

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT CLASS I TOWN HIGHWAY CITY OF MONTPELIER COUNTY OF WASHINGTON U.S. ROUTE 2

BEGINNING IN THE CITY OF MONTPELIER ON U.S. ROUTE 2 AT STA. 86+80.32 (MM 1.644) AND EXTENDING EASTERLY ALONG U.S. ROUTE 2 FOR A DISTANCE OF 9,282.24 FEET (1.758 MILES) TO STA. 179+62.56 (MM 3.402), AND THEN CONTINUING ON U.S. ROUTE 2 FROM STA. 221+12.64 (MM 4.188) FOR A DISTANCE OF 1,325.28 FEET (0.251 MILE) TO STA. 234+37.92 (MM 4.439).



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	3,822,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	70-28

TRAFFIC DATA U.S. ROUTE 2

LOCATION	AADT		DHV		ESALS	
	2009	2019	2009	2019	2009-2019	2009-2019
US ROUTE 2						
BEGIN PROJECT TO MONTPELIER STATE HIGHWAY	9,900	10,400	1,100	1,200	895,000	2,163,000
MONTPELIER STATE HIGHWAY TO MAIN/NORTHFIELD ST.	12,300	12,900	1,400	1,400	2,267,000	5,678,000
MAIN/NORTHFIELD ST. TO BERLIN ST.	17,100	18,000	1,900	2,000	2,756,000	6,990,000
BERLIN ST. TO PIONEER ST.	11,900	12,500	1,300	1,400	2,180,000	5,081,000
PIONEER ST. TO US 302	16,100	16,900	1,800	1,800	3,048,000	7,703,000
US 302 TO GALLISON HILL RD.	10,800	11,300	1,200	1,300	3,059,000	7,645,000
GALLISON HILL RD. TO END PROJECT	9,500	10,000	1,100	1,100	2,468,000	5,681,000
MONTPELIER STATE HIGHWAY						
BEGIN PROJECT TO BAILEY AVE.	12,600	13,300	1,900	2,000	1,558,000	3,344,000

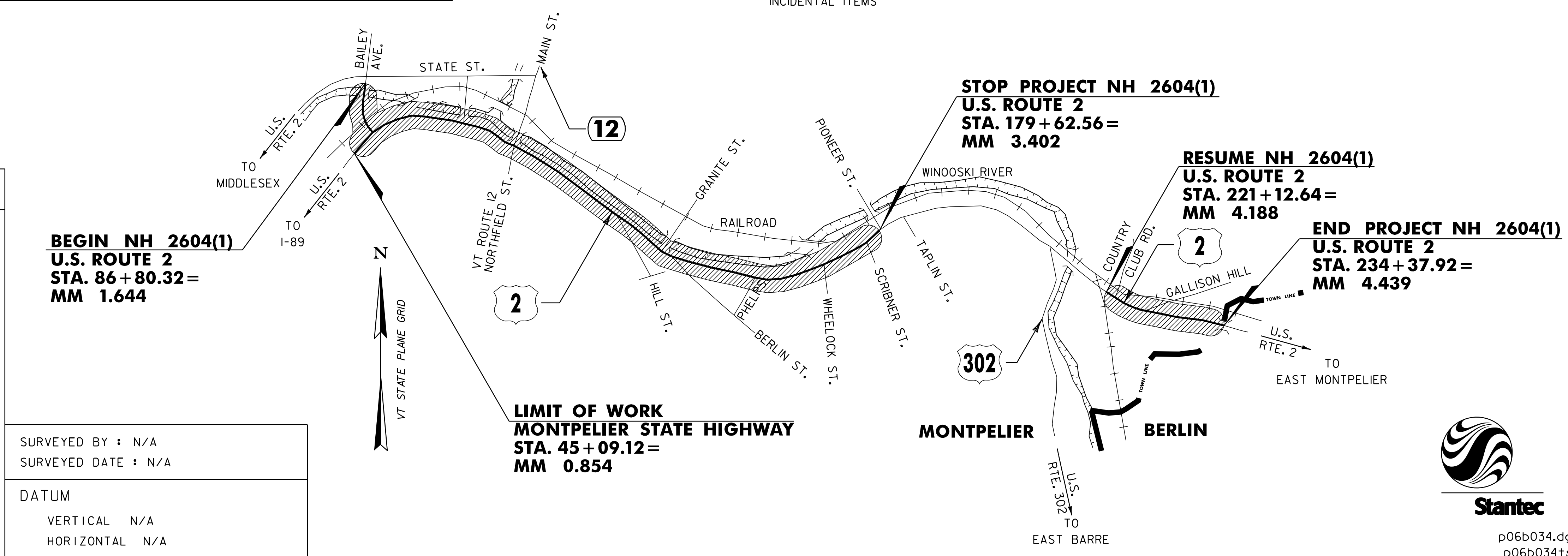
PROJECT DATA:	LENGTH (FEET)	LENGTH (MILES)
CITY OF MONTPELIER		
U.S. ROUTE 2		
STA. 86+80.32 TO 179+62.56	9,282.24	
MM 1.644 TO 3.402		1.758
STA 221+12.64 TO 234+37.92	1,325.28	
MM 4.188 TO 4.439		0.251

TOTAL LENGTH OF PROJECT: 10,607.52 FEET = 2.009 MILES
TOTAL LENGTH OF ROADWAY: 14,757.60 FEET = 2.795 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A LEVELING AND WEARING COURSE, NEW PAVEMENT MARKINGS, GUARD RAIL, SIGNS AND OTHER INCIDENTAL ITEMS

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	



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 PURPOSES.

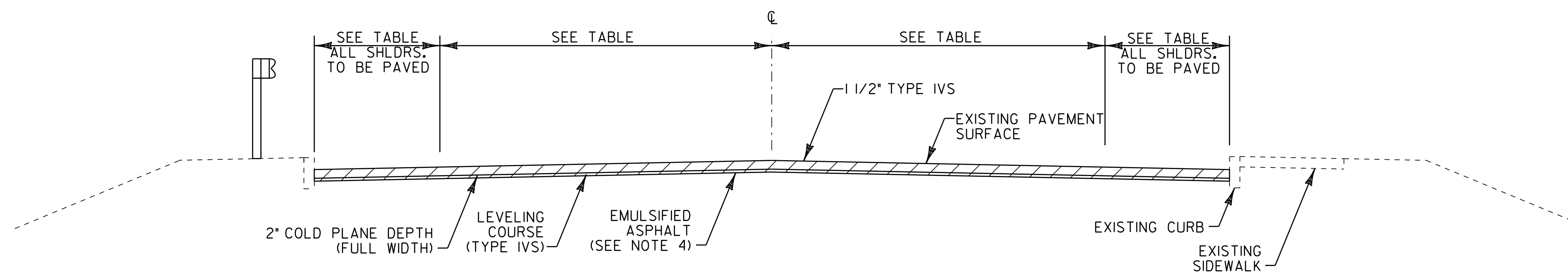
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 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.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".

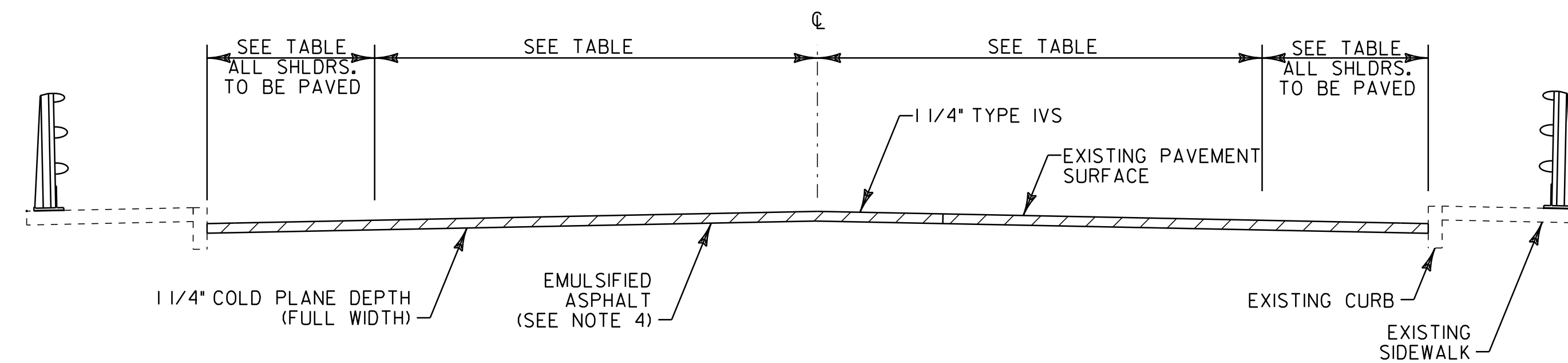
p06b034.dgn
p06b034ts.i

PROJECT NAME :	MONTPELIER
PROJECT NUMBER :	NH 2604(1)
SHEET	7 OF 84 SHEETS



COLD PLANE TYPICAL SECTION - CURBED

STA. 89+37 TO 179+62.56
 STA. 221+12.64 TO 233+02
 STA. 234+01 TO 234+37.92



BRIDGE COLD PLANE SECTION

BR 60 STA. 86+80.32 TO 89+37
 BR 64 STA. 233+02 TO 234+01

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
MONTPELIER U.S. ROUTE 2	86+80.32	89+37	4'-6" - 11'-0" - 11'-0" - 11'-0" - 4'-6"	1 1/4"	-	BR60-COLD PLANE 1 1/4" AND PAVE WITH 1 1/4" TYPE IVS
MONTPELIER U.S. ROUTE 2	89+37	92+04	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	92+04	93+00	4'-0" - 11'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	93+00	94+24	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	94+24	107+92	3'-0" - 11'-0" - 11'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	107+92	129+52	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	129+52	141+00	4'-0" - 11'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	141+00	143+75	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	143+75	145+25	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	145+25	158+50	8'-0" - 11'-0" - 11'-0" - 8'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	158+50	161+17	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	161+17	167+38	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	167+38	179+62.56	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
STOP/RESUME TO MATCH PROJECT NHEGC FECC 028-3(34)						
MONTPELIER U.S. ROUTE 2	221+12.64	215+00	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	215+00	217+02	6'-0" - 11'-0" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	217+02	222+08	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	222+08	227+04	6'-6" - 11'-0" - 11'-0" - 11'-0" - 6'-6"	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	227+04	233+02	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 2	233+02	234+01	VARIABLES - SEE LAYOUT SHEETS	1 1/4"	-	BR 64 - COLD PLANE 1 1/4" AND PAVE WITH 1 1/4" TYPE IVS
MONTPELIER U.S. ROUTE 2	234+01	234+37.92	VARIABLES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS

NOTES

- THE PAVEMENT WEARING COURSE SHALL BE 75 GYRATION SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE DETERMINED BY THE TABLE ON THE TITLE SHEET.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT 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.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
- 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 ENGINEER.
- A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II, ITEM 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III AND ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES CALLING FOR REHAB HAVE BEEN EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415, AND 604.418 FOR ESTIMATING PURPOSES.
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON SHEET 9. IF COLD PLANING 2" EXPOSES PORTLAND CEMENT CONCRETE PAVEMENT, ANY JOINTS LARGER THAN 1" SHALL BE CLEANED OUT AND FILLED WITH TYPE VS. ANY AREAS THAT EXPOSE SUBBASE SHALL BE EXCAVATED TO A DEPTH OF 2" AND PATCHED WITH TYPE IIS AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR THESE SITUATIONS.
- ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS SHOWN ON SHEET 17 OR DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION OR SUBBASE IN DRIVE AREAS SHALL BE AS DIRECTED BY THE ENGINEER AND WILL BE PAID INCIDENTAL TO ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675. ESTIMATED QUANTITIES OF THIS ITEM HAS BEEN INCLUDED, ASSUMING A 4' WIDTH.
- SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE YELLOW TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
- AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER, AND WILL BE PAID FOR UNDER 402.13 AGGREGATE SHOULDERS, RAP.
- THE CONTRACTOR SHALL DELIVER 8000 TONS OF COLD PLANE GRINDINGS TO THE CITY OF MONTPELIER AT THE LOCATION DESCRIBED IN THE SPECIAL PROVISIONS.
- THE VEHICLE DETECTOR LOOPS ASSOCIATED WITH THE EXISTING PERMANENT TRAFFIC COUNTER SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. TEN (10) DAYS PRIOR TO THE PLACEMENT OF THE LEVELING COURSE, THE CONTRACTOR OR RESIDENT ENGINEER SHALL CONTACT DAVE GOSSSELIN OF VTRANS AT 802-828-2694 TO COORDINATE THE REPLACEMENT OF THESE LOOPS. ALL WORK ASSOCIATED WITH THE INSTALLATION AND CONNECTION OF THE REPLACEMENT LOOPS SHALL BE DONE BY STATE FORCES. TRAFFIC CONTROL REQUIRED FOR THIS WORK SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE PAID FOR AS ITEM 630.10, UNIFORMED TRAFFIC OFFICER OR ITEM 630.15, FLAGGERS AS DIRECTED BY THE RESIDENT ENGINEER.
- THE MONITORING WELL LOCATED AT APPROXIMATE STATION 117+75, LT. WILL BE RETAINED. THE WORK ASSOCIATED WITH THAT WELL WILL BE DONE BY OTHERS. PLEASE REFER TO THE UTILITY SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

NOT TO SCALE

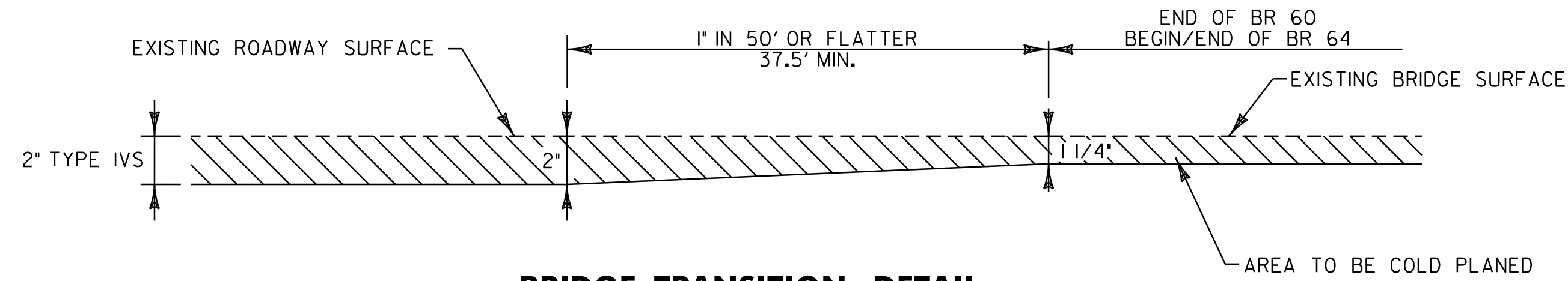


PROJECT TYPICAL SHEET

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(1)

FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034pts.i

PLOT DATE: 03-AUG-2011 14:06
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 8 OF 84



BRIDGE TRANSITION DETAIL

FULL ROADWAY WIDTH
 BR 60 STA. 89+37 TO 87+74.5
 BR 64 STA. 232+64.5 TO 233+02
 BR 64 STA. 234+00.42 TO 234+37.92

URBAN AREAS – SEED MIXTURE

% WT	LBS/A	NAME	PUR %	GERM %
42.5	34	CREeping RED FESCUE	98	85
10.0	8	PERENNIAL RYE GRASS	95	90
42.5	34	KENTUCKY BLUE GRASS	85	85
0	4	ANNUAL RYE GRASS	95	85
100	80			

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

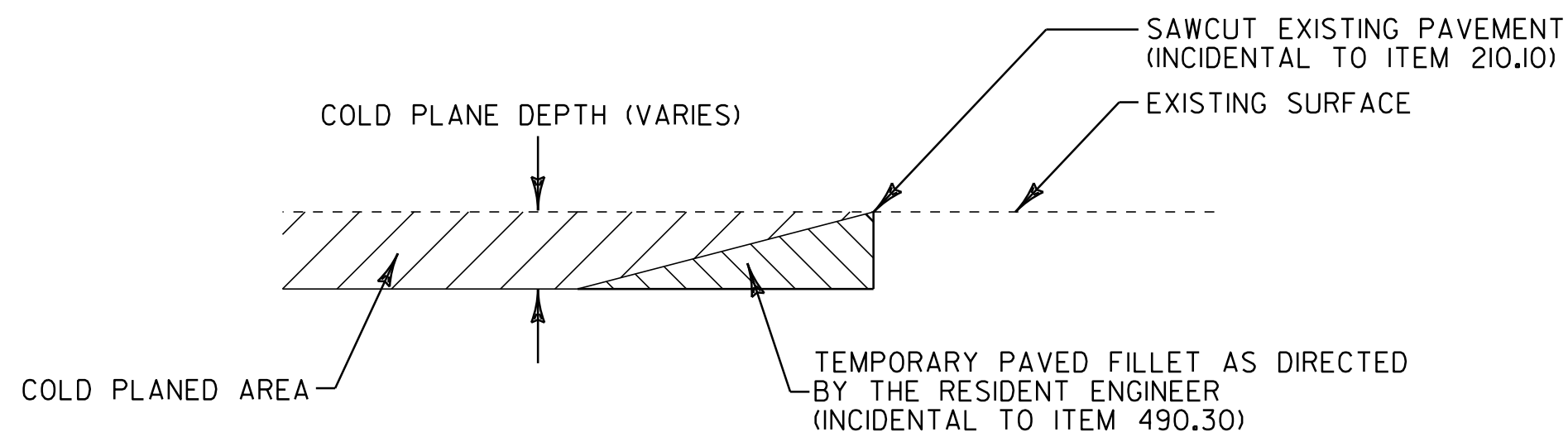
SEED:
 TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

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

TEMPORARY EROSION MATTING (ITEM 653.20):
 TO BE PLACED ON EARTH SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

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



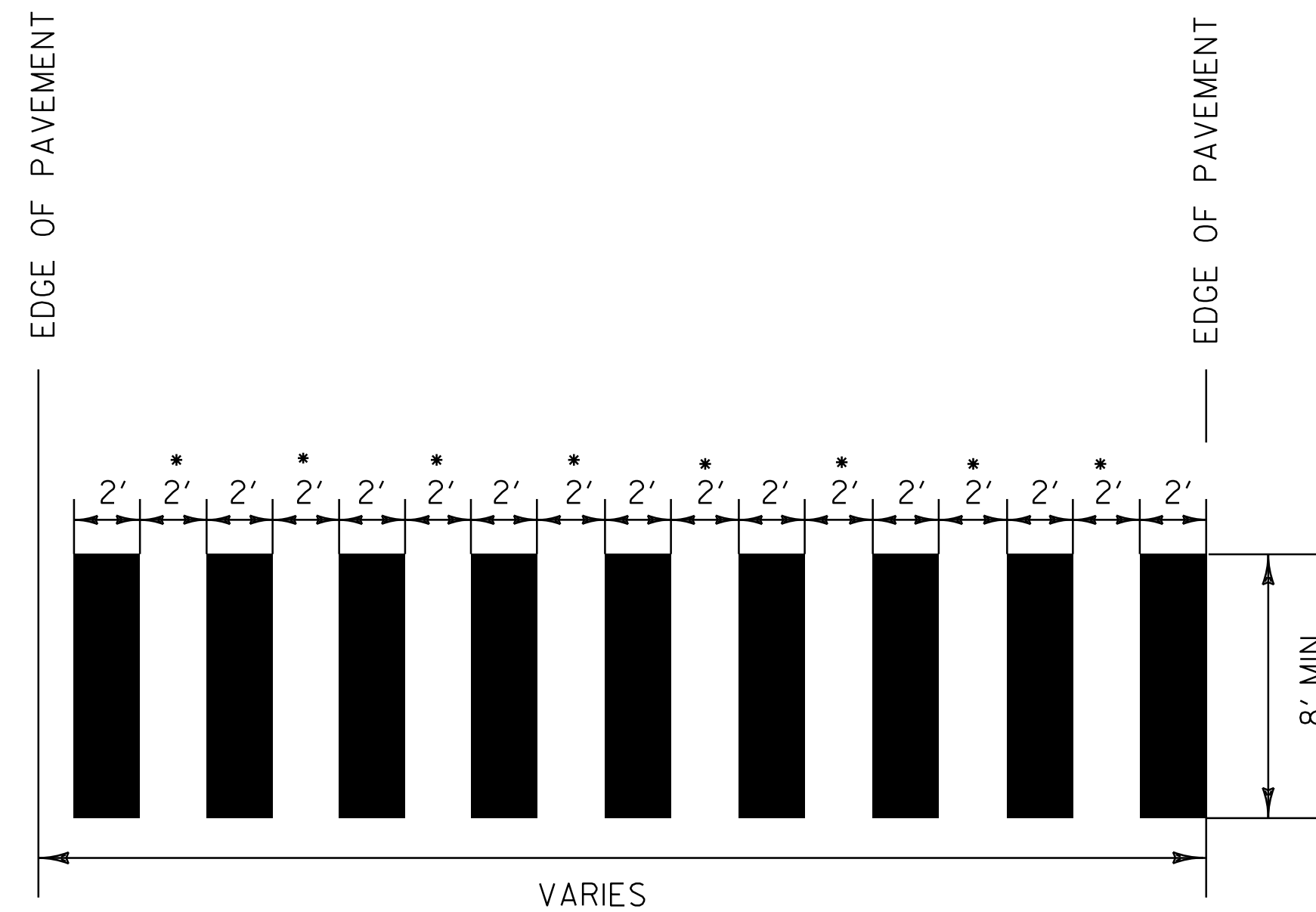
DETAIL AT VERTICAL COLD PLANE JOINTS

NOTE: THIS DETAIL SHALL BE USED FOR THE BEGINNING AND END OF THE PROJECT AND FOR THE SIDE ROADS LISTED BELOW AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE INCIDENTAL TO ITEM 490.30.

FULL ROADWAY WIDTH

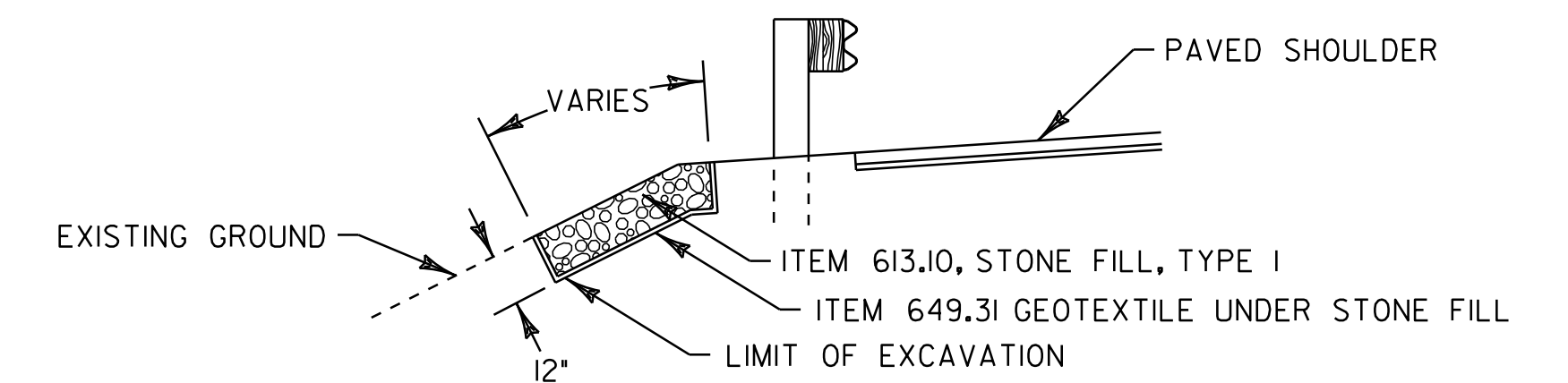
- U.S. ROUTE 2
- STA. 86+80.32 (BEGIN PROJECT)
- STA. 90+87, LT (VSECU DRIVE)
- STA. 91+34, RT (HIGH SCHOOL DRIVE)
- STA. 107+46, LT (TAYLOR STREET)
- STA. 116+16, RT (NORTHFIELD STREET)
- STA. 116+19, LT (MAIN STREET)
- STA. 119+58, RT (SCHOOL AVENUE)
- STA. 133+72, RT (HILL STREET)
- STA. 143+80, RT (BERLIN STREET)
- STA. 144+30, LT (GRANITE STREET)
- STA. 158+51, RT (PHELPS STREET)
- STA. 169+43, RT (WHEELLOCK STREET)
- STA. 177+41, RT (SCRIBNER STREET)
- STA. 179+62.56 (STOP PROJECT)
- STA. 221+12.64 (RESUME PROJECT)
- STA. 221+72, LT (COUNTRY CLUB ROAD)
- STA. 229+28, LT (GALLISON HILL ROAD)
- STA. 234+37.92 (END PROJECT)

MONTPELIER STATE HIGHWAY
 STA. 45+09.12 (MEMORIAL DRIVE)



* ADJUST SPACING (12"-24") TO AVOID WHEEL PATHS

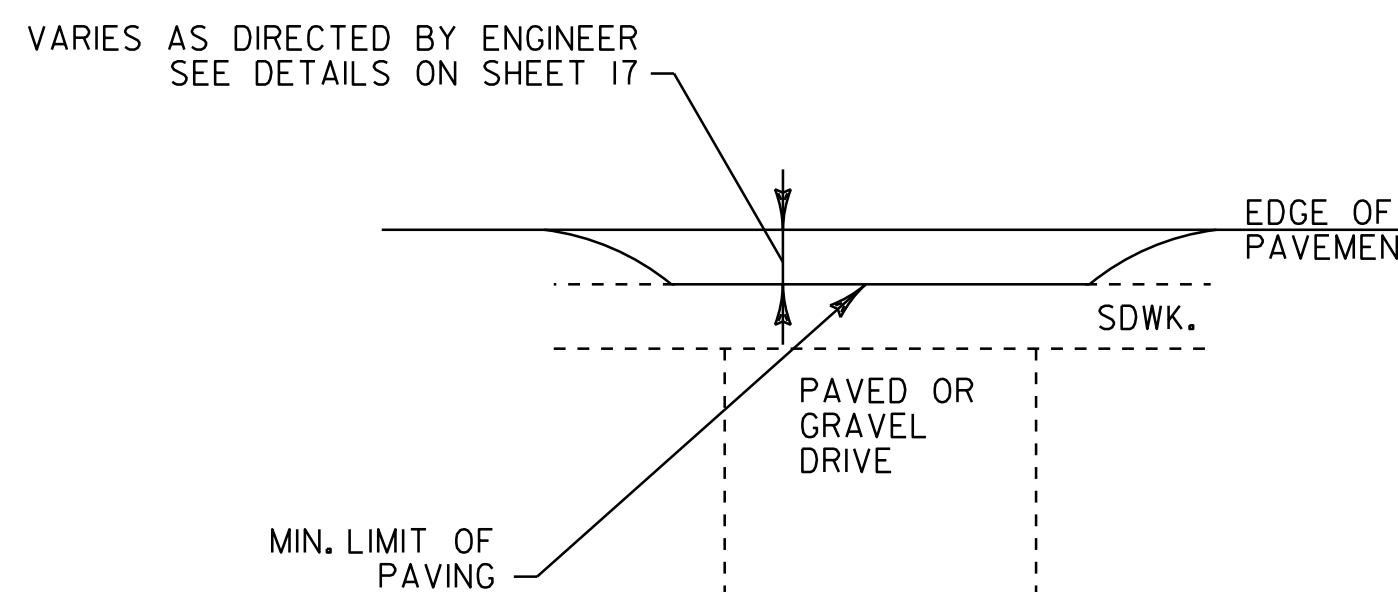
BLOCK PATTERN CROSSWALK DETAIL



SLOPE EROSION REPAIR DETAIL

(ASSUME A 6' WIDTH)

- STA. 130+12, LT
- STA. 136+13, LT
- STA. 138+38, LT
- STA. 141+20, LT
- STA. 146+52, LT
- STA. 149+65, LT
- STA. 152+56, LT
- STA. 154+19, LT
- STA. 156+98, LT



PAVING LIMITS FOR DRIVES WITH SIDEWALKS



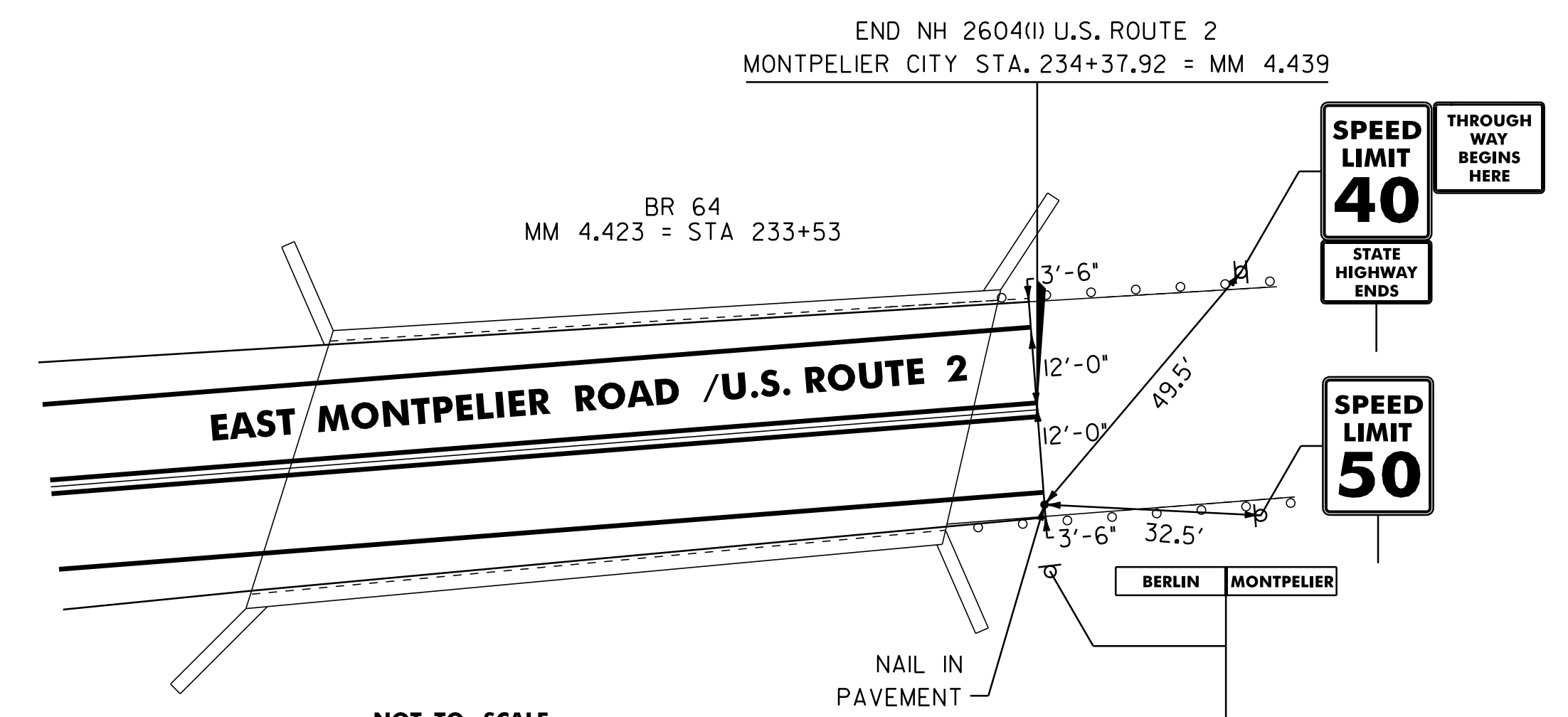
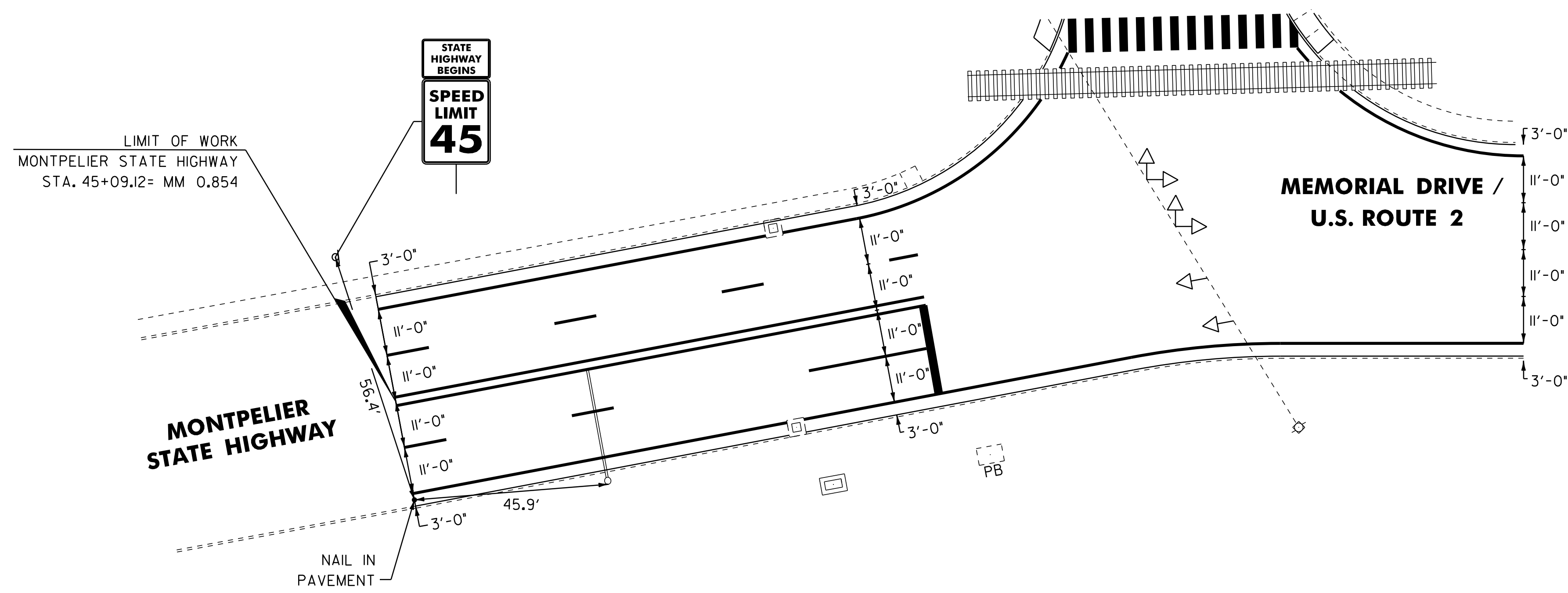
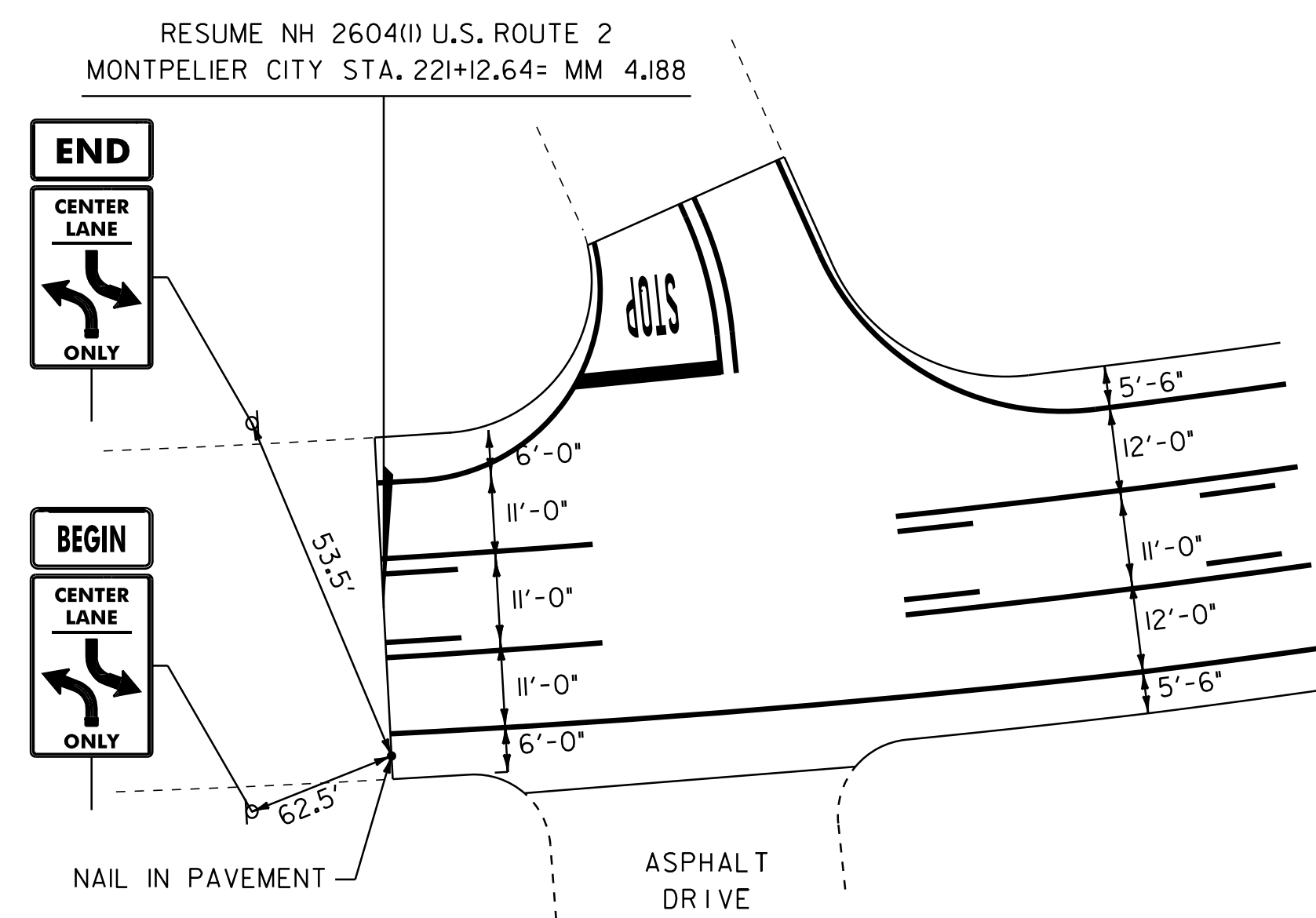
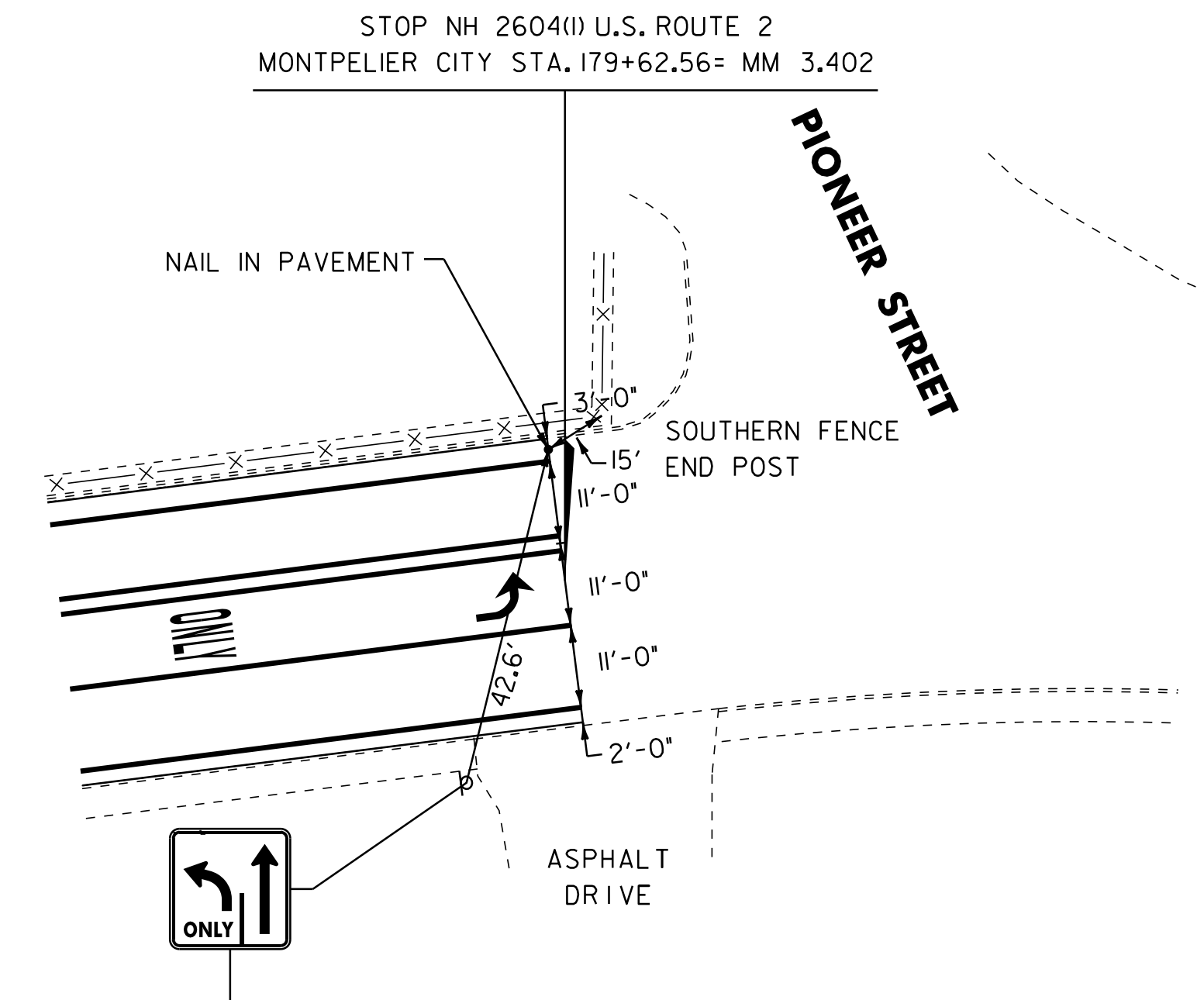
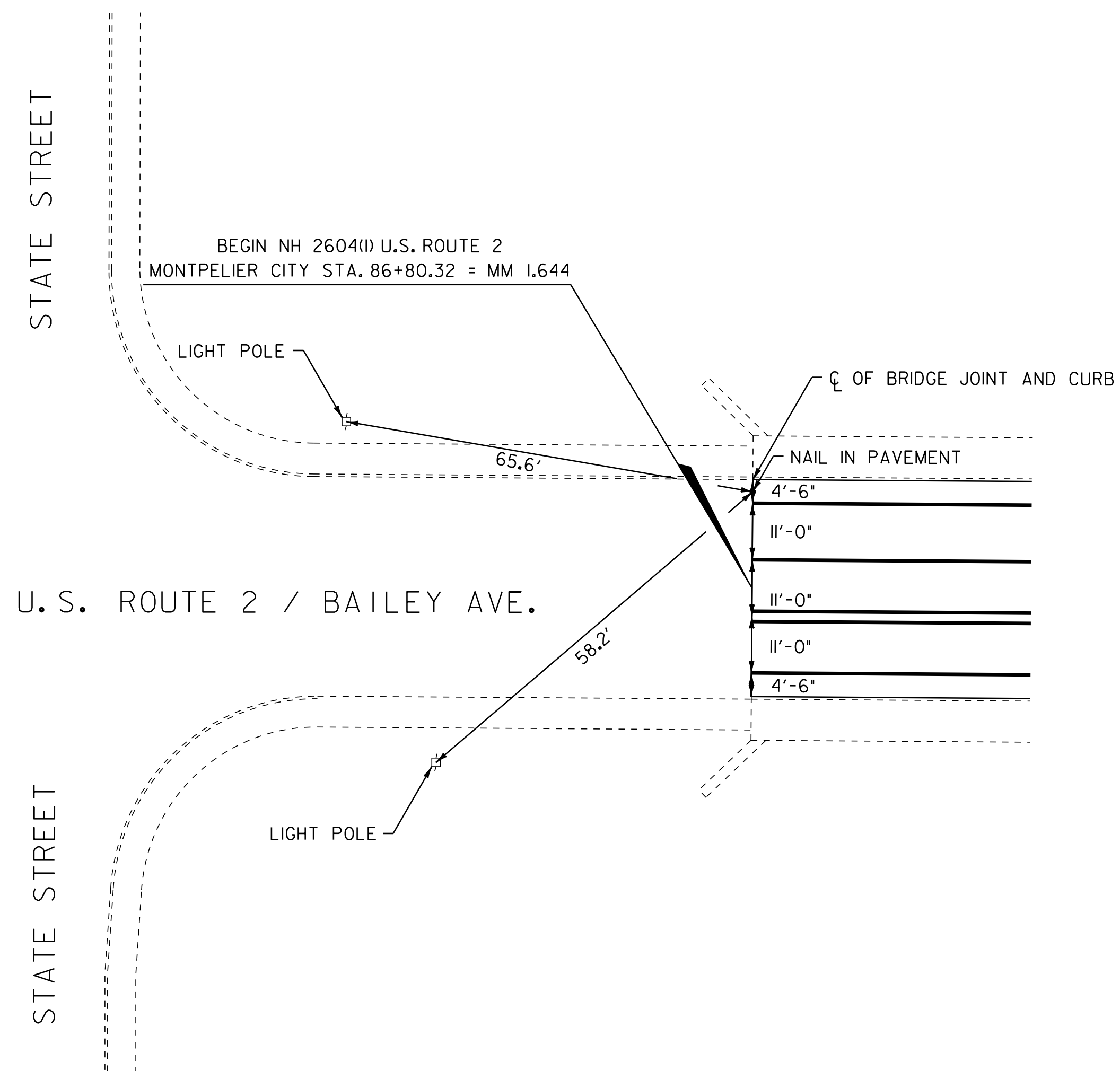
**MISCELLANEOUS
 DETAIL
 SHEET #1**

NOT TO SCALE

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(1)

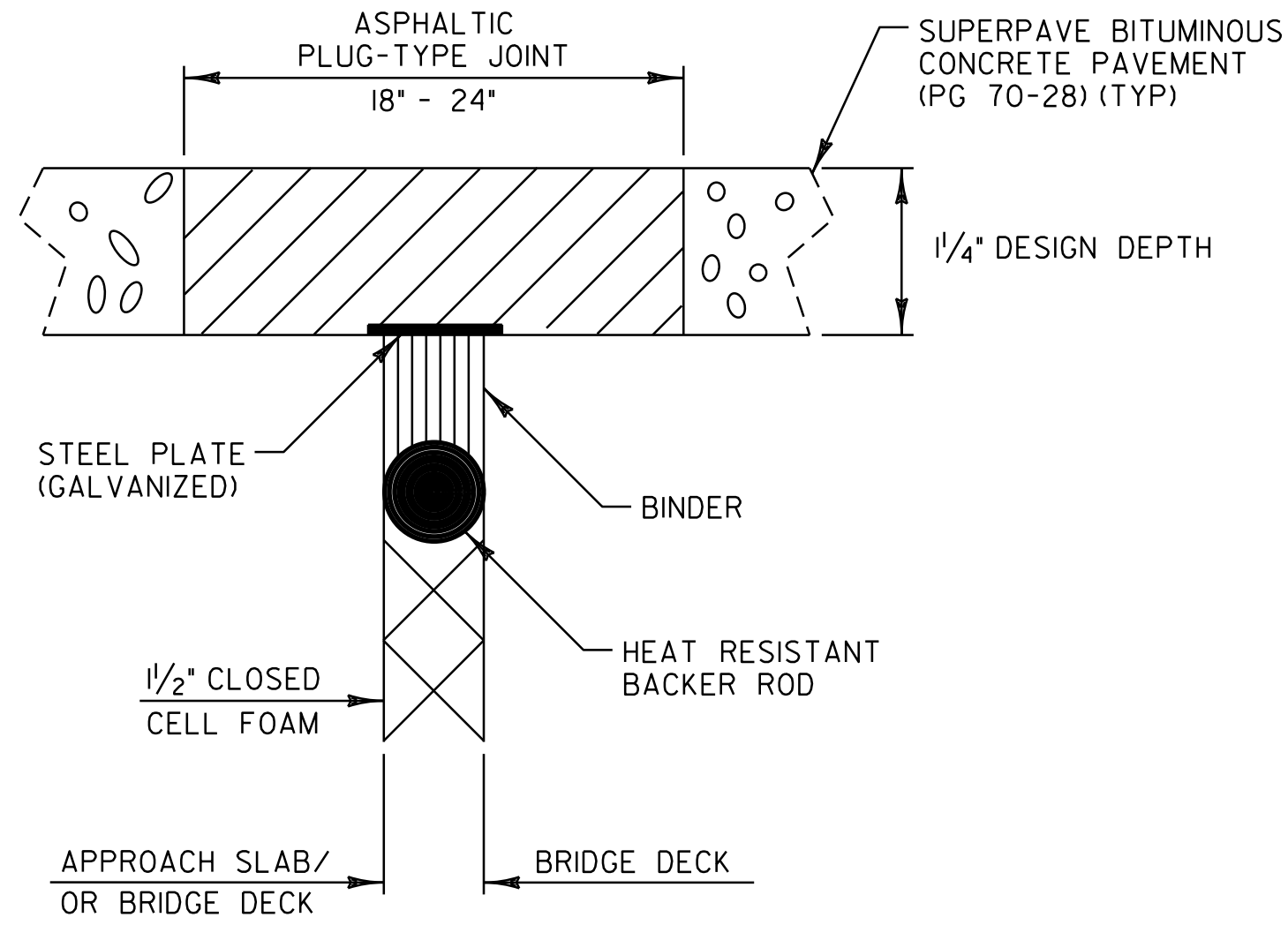
FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034md01.i

PLOT DATE: 03-AUG-2011 14:06
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 9 OF 84



**MISCELLANEOUS
DETAIL
SHEET #2**

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(I)
 FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034md02.i
 PLOT DATE: 03-AUG-2011 14:06
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 10 OF 84



ASPHALTIC PLUG-TYPE JOINT DETAIL

BR 60	U.S. ROUTE 2	MONTPELIER	STA. 86+80.32	(42 LF)
BR 60	U.S. ROUTE 2	MONTPELIER	STA. 89+37	(42 LF)
BR 2	U.S. ROUTE 2	MONTPELIER	STA. 116+16, (LT MAIN ST.)	(45 LF)
BR 64	U.S. ROUTE 2	MONTPELIER	STA. 233+02	(42 LF)
BR 64	U.S. ROUTE 2	MONTPELIER	STA. 234+01	(42 LF)

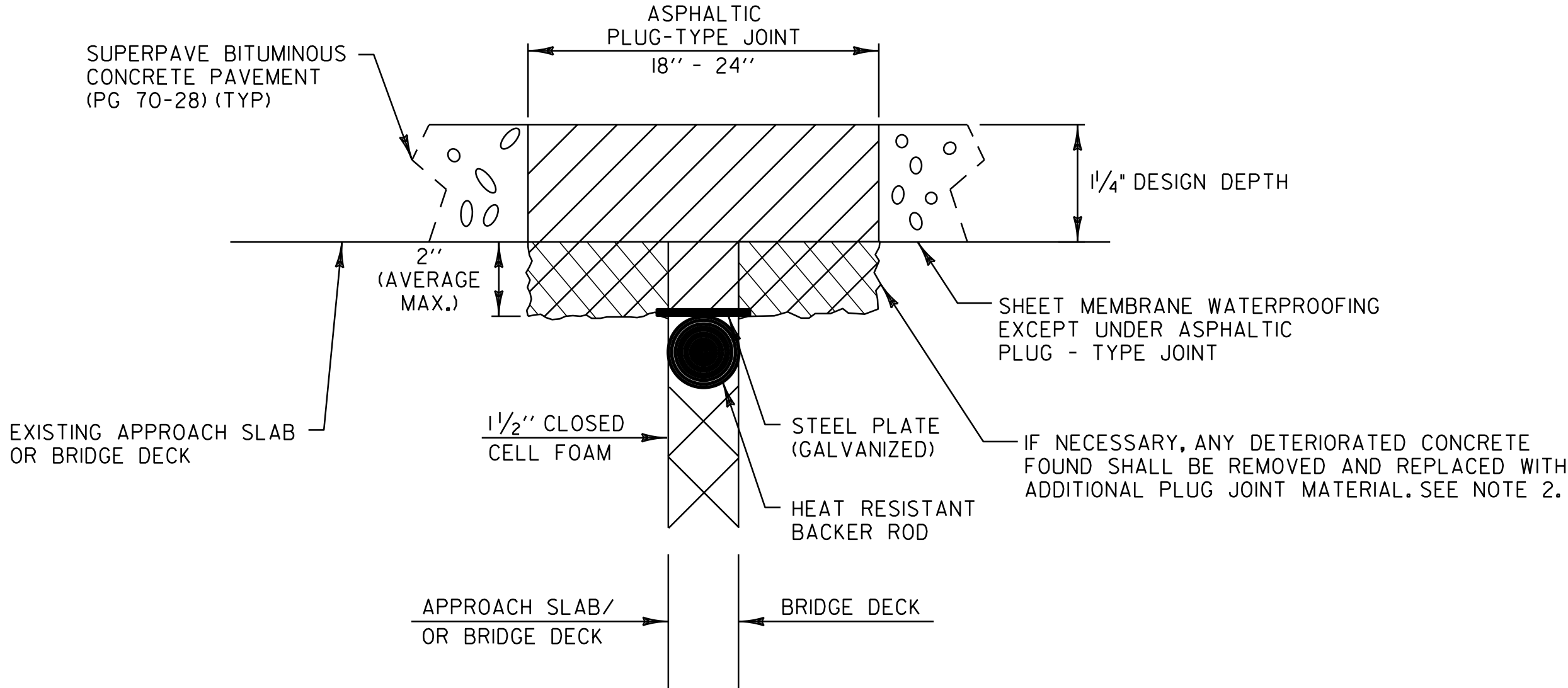
NOTES:

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT AREA SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1 INCH +/- OF BINDER ABOVE THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.
 - A. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION, AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125°F ±.

WEATHER LIMITATIONS

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

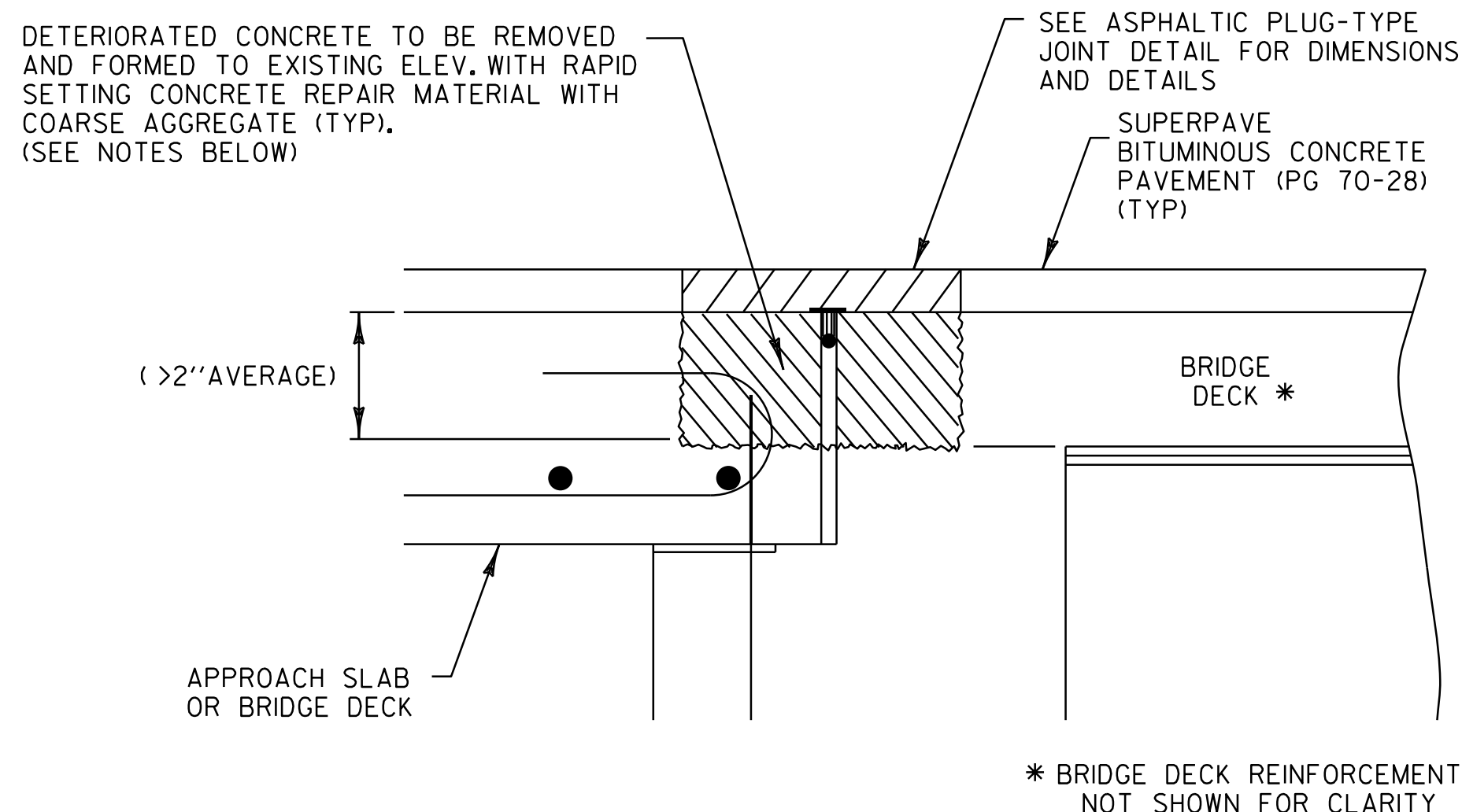
- A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50° F AND RISING.
- B. THE ROAD SURFACE IS SUFFICIENTLY DRY.
- C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



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

NOTES:

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



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

NOTES:

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



NOT TO SCALE

**ASPHALTIC
PLUG JOINT
DETAIL SHEET**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(1)

FILE NAME: p06b034.dgn
DESIGNED BY: MCF
IPARM FILE: p06b034apjds.i

PLOT DATE: 03-AUG-2011 14:06
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 11 OF 84

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES					TOTALS		DESCRIPTIONS				
ROADWAY	ROADWAY (NO FED./STATE PARTICIPATION)	EMPLOYEE TRAINEESHIP	EROSION CONTROL	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NO.	ROUND
44	10					54		CY	COMMON EXCAVATION	203.15	0.8
25	8					33		CY	SOLID ROCK EXCAVATION	203.16	0.6
4661						4661		LF	SHOULDER BERM REMOVAL	203.40	EST.
1						1		CY	TRENCH EXCAVATION OF EARTH (N.A.B.I.)	204.22	-
51887				1613		53500		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	417
30	10					40		CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.26	1.2
114						114		TON	AGGREGATE SHOULDERS, RAP	402.13	1
217				3		220		CWT	EMULSIFIED ASPHALT	404.65	3
1						1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
5968	850			112		6930		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	178
						1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
				215		215		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	2
				100		100		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.
1						1		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	EST.
27						27		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST.
27						27		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST.
26						26		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST.
26						26		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
60						60		HR	POWER GRADER RENTAL	608.15	EST.
60						60		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
40						40		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
60						60		HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
60						60		HR	TRUCK RENTAL	608.37	EST.
60						60		HR	LOADER RENTAL, TYPE I	608.40	EST.
2						2		MGAL	DUST CONTROL WITH WATER	609.10	EST.
			15			15		CY	STONE FILL, TYPE I	613.10	0.6
283	107					390		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	7
276	107					383		LF	REMOVAL OF EXISTING CURB	616.41	-
175	60					235		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	1.9
230						230		SF	DETECTABLE WARNING SURFACE	618.30	3
8						8		EACH	YIELDING MARKER POSTS	619.17	-
37.5						37.5		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	-
3						3		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-
151						151		EACH	REPLACE GUARDRAIL POST ASSEMBLY	621.76	EST.
77						77		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	EST.
933						933		LF	ADJUST HEIGHT OF GUARDRAIL	621.79	EST.

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
43728	SY	MAINLINE
7494	SY	SIDE ROADS
1613	SY	BRIDGE
248	SY	RAILROAD CROSSING
417	SY	ROUNDING
53500	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28)
3644	TON	MAINLINE WEARING COURSE (TYPE IV)
624	TON	SIDE ROADS WEARING COURSE (TYPE IV)
1424	TON	LEVELING (TYPE IV)
112	TON	BRIDGE #60 & #64 WEARING COURSE (TYPE IV)
50	TON	CONCRETE JOINT REPAIR (TYPE V)
20	TON	NEW CURB ROADWAY REPAIR (TYPE III)
842	TON	EXPOSED SUBBASE REPAIR (TYPE III) - NON-PARTICIPATING
8	TON	NEW CURB ROADWAY REPAIR (TYPE III) - NON-PARTICIPATING
28	TON	RAILROAD CROSSING
178	TON	ROUNDING
6930	TON	TOTAL

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034qs01.i

PLOT DATE: 03-AUG-2011 14:06
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 12 OF 84

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL						MISCELLANEOUS														REMARKS			
BEGIN STATION	END STATION	POS.	621.20	621.60	621.76	621.77	621.79	621.80	203.15	203.16	203.40	301.26	402.13	604.40	604.412	604.415	604.418	613.10	616.28	616.41	618.10	618.30		649.31	676.10	676.12
			S.B. GR. GALV. LF	ANCHOR FOR S.B. RAIL EA	REPLACE GR. POST ASSEMBLY EA	REPLACE GR. BEAM UNIT EA	ADJUST HEIGHT OF GR. LF	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAV. CY	SOLID ROCK EXCAV. CY	SHOULDER BERM REMOVAL CY	SUBBASE CRUSHED GRAVEL CY	AGGREGATE SHOULDER, RAP TON	CHAN ELEV OF DI, CB OR MH EA	REHAB DI, CB, OR MH, CLASS I EA	REHAB DI, CB, OR MH, CLASS II EA	REHAB DI, CB, OR MH, CLASS III EA	STONE FILL, TYPE I CY	C-I-P CONC. CURB OF TYPE B LF	REMOVAL EXIST. CURB LF	PORT. CEM. CONC. SIDEWALK, 5 INCH SY	DET. WARNING SURFACE SF		GEOTEXTILE UNDER STONE FILL SY	DELINEATOR W/ STEEL POST EA	REMOVAL OF EXIST. DELINEATOR EA
U.S. ROUTE 2 MONTPELIER:																										
86+80.3	234+37.9	LT&RT												1	27	27	26									
89+57		LT							0.9	0.8		0.9								5.6	20					
90+68	90+83	LT							1.1	0.9		1.1							12	12	6.7	10				
91+40	91+61	LT							1.8	1.5		1.8							19	19	10.6	10				
92+86	92+99	RT							1.1	0.9		1.1							12	12	6.7	10				
92+87	93+01	LT							1.8	1.5		1.8							19	19	10.6	10				
106+99	107+11	LT							1.1	0.9		1.1							12	12	6.7	10				
107+56	107+73	LT							1.8	1.5		1.8							19	19	10.6	10				
111+00	111+63	LT							2	1.7		2							22	22	12.2	20				
114+00	114+75	LT							6.9	5.8		6.9							75	75	41.7					
115+56	115+87	LT							1.8	1.5		1.8							19	19	10.6	10				
116+38	116+69	LT							1.8	1.5		1.8							19	19	10.6	10				
116+42.5	144+22	LT	12.5	1	91	46	567	12.5															1	1		
116+70	234+37.9	LT&RT												113												
130+12		LT							1.6								1.6					8				
133+86	134+05	RT							1.1	0.9		1.1							7	7	6.7	10				
134+90	135+07	RT							1.1	0.9		1.1							12	12	6.7	10				
136+13		LT							1.6									1.6					8			
138+38		LT							1.6										1.6					8		
141+20		LT							1.6										1.6					8		
143+93	144+33	RT							3.7	3.1		3.7							40	40	22.2	10				
144+16	144+29	LT							1.4	1.2		1.4							12	12	8.7	13				
144+50	159+74	LT	25	2	47	24	291	25				1453											2	2		
145+05	145+24	RT							1.8	1.5		1.8							19	19	10.6	10				
145+24	145+34	RT							1.6	1.3		1.6									9.3	14				
145+78	145+93	RT							1.1	0.9		1.1							12	12	6.7	10				
146+18	146+35	RT							1.1	0.9		1.1							12	12	6.7	10				
146+52		LT							1.6									1.6					8			
149+65		LT							1.6										1.6					8		
152+56		LT							1.6										1.6					8		
SHEET 1 SUBTOTALS:			37.5	3	138	70	858	37.5	46.2	29.2	4288	35	113	1	27	27	26	11.2	342	342	210.2	207	56	3	3	

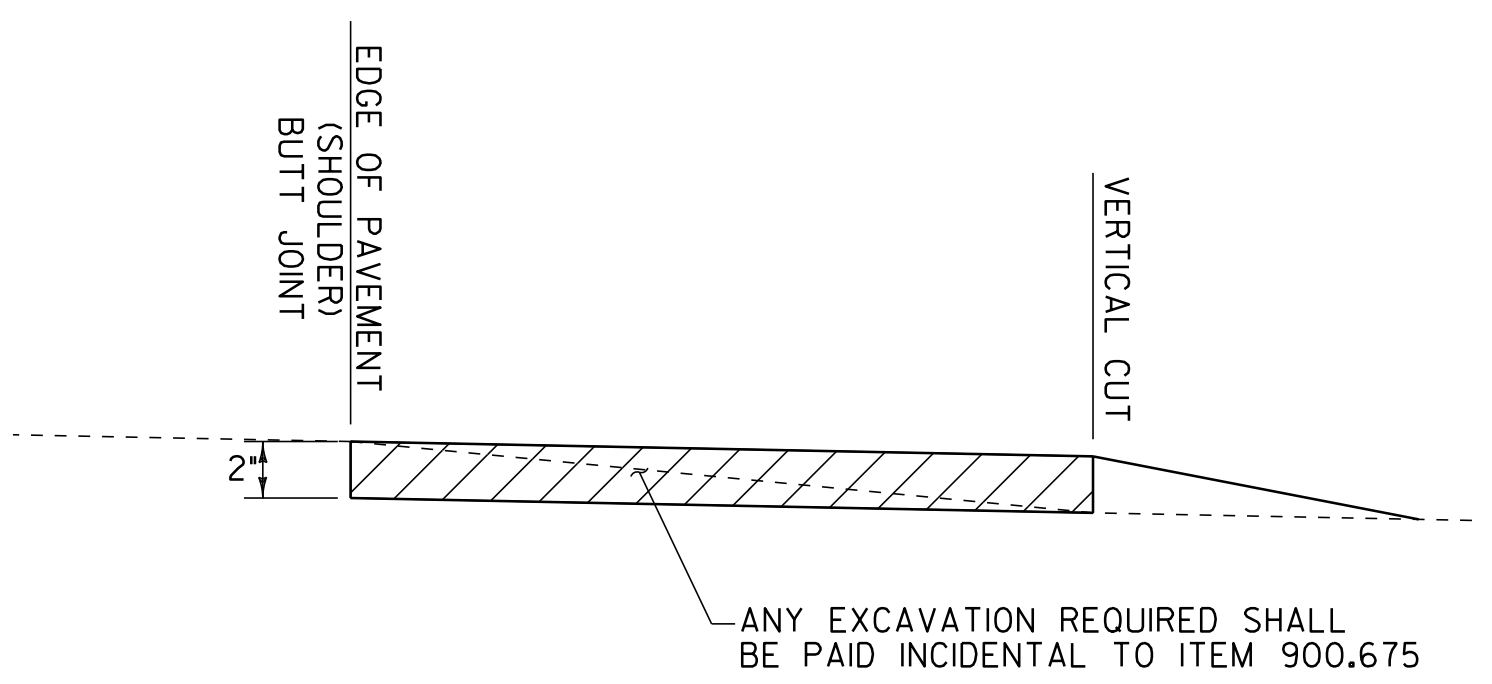
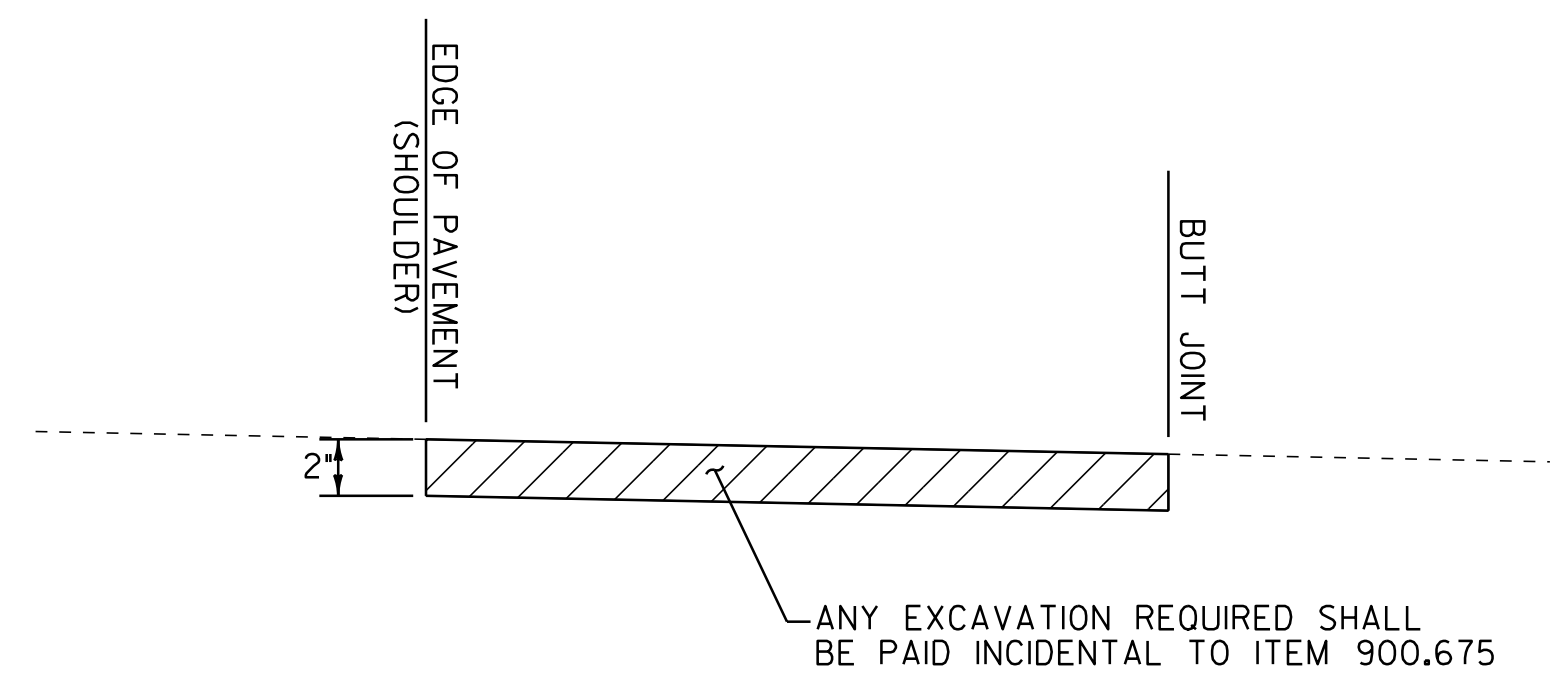
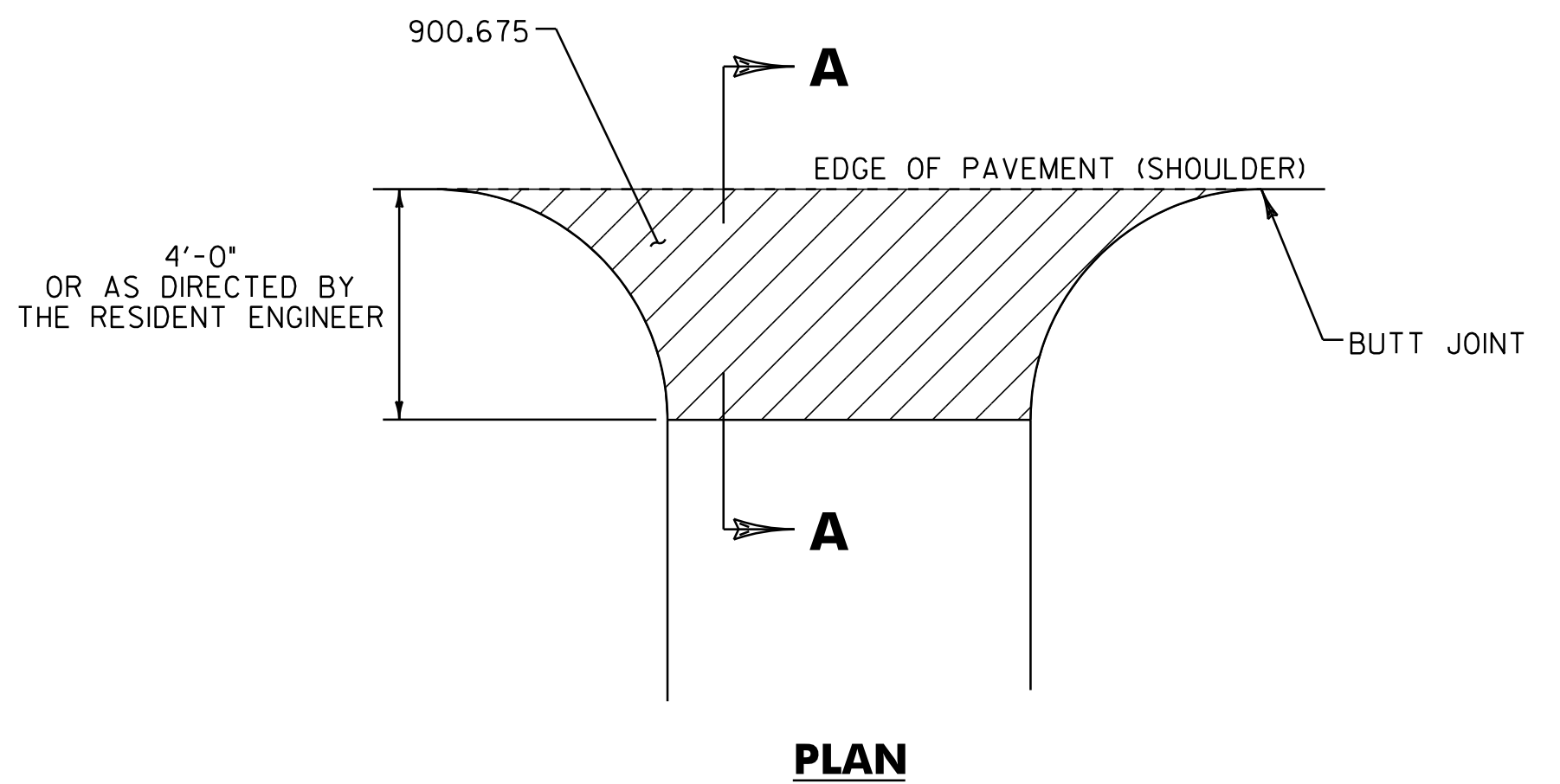
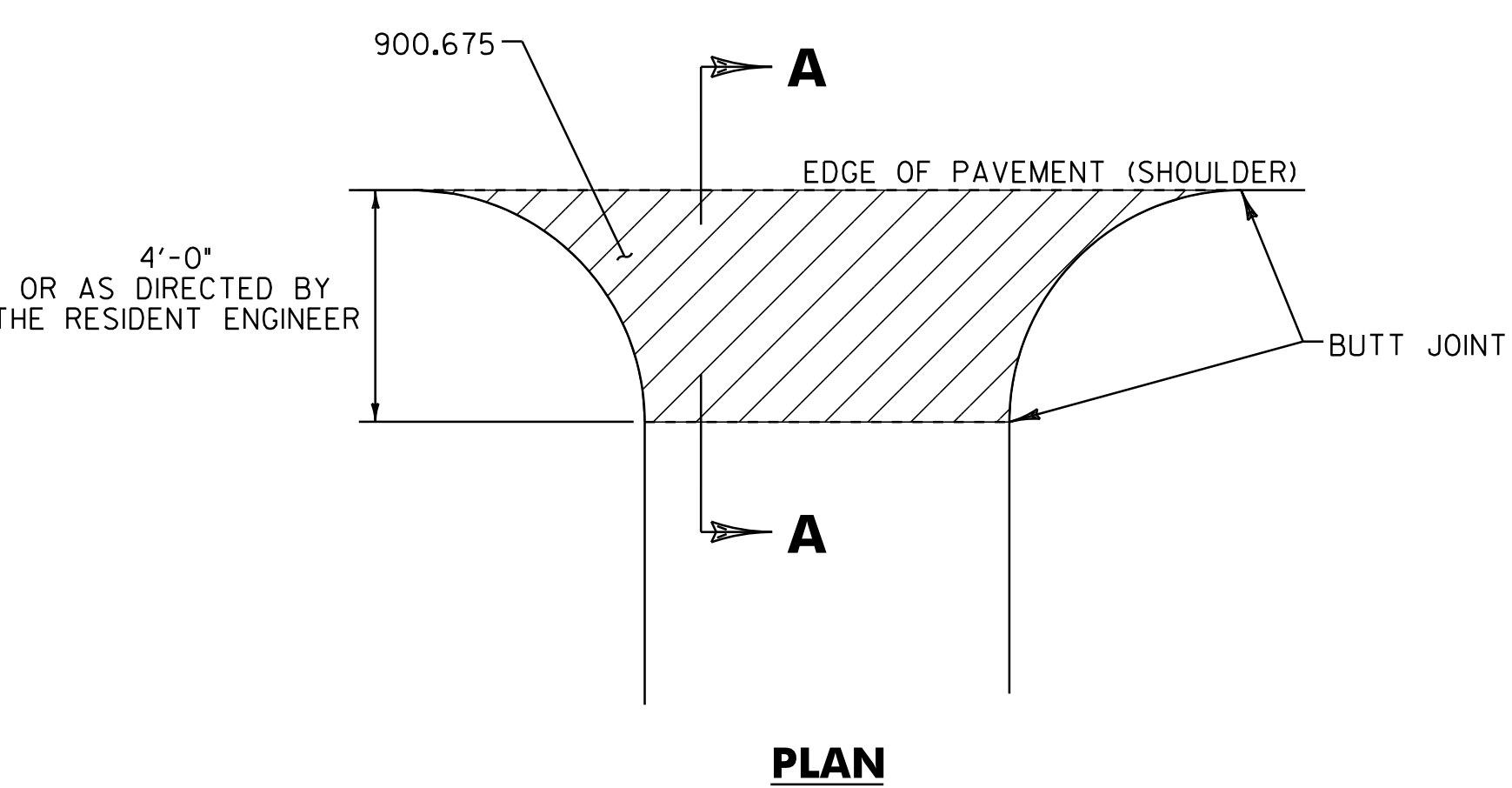
ITEM DETAIL SUMMARY SHEET 1

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(1)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034ids01.i
PLOT DATE: 03-AUG-2011 14:07
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 15 OF 84

ITEM DETAIL SUMMARY SHEET 2

LOCATION			GUARDRAIL						MISCELLANEOUS														REMARKS			
BEGIN STATION	END STATION	POS.	621.20	621.60	621.76	621.77	621.79	621.80	203.15	203.16	203.40	301.26	402.13	604.40	604.412	604.415	604.418	613.10	616.28	616.41	618.10	618.30		649.31	676.10	676.12
			S.B. GR. GALV. LF	ANCHOR FOR S.B. RAIL EA	REPLACE GR. POST ASSEMBLY EA	REPLACE GR. BEAM UNIT EA	ADJUST HEIGHT OF GR. LF	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAV. CY	SOLID ROCK EXCAV. CY	SHOULDER BERM REMOVAL CY	SUBBASE CRUSHED GRAVEL CY	AGGREGATE SHOULDER, RAP TON	CHAN ELEV OF DI, CB OR MH EA	REHAB DI, CB, OR MH, CLASS I EA	REHAB DI, CB, OR MH, CLASS II EA	REHAB DI, CB, OR MH, CLASS III EA	STONE FILL, TYPE I CY	C-I-P CONC. CURB OF TYPE B LF	REMOVAL OF EXIST. CURB LF	PORT. CEM. CONC. SIDEWALK, 5 INCH SY	DET. WARNING SURFACE SF		GEOTEXTILE UNDER STONE FILL SY	DELINEATOR W/ STEEL POST EA	REMOVAL OF EXIST. DELINEATOR EA
U.S. ROUTE 2 MONTPELIER:																										
	154+19	LT							1.6									1.6					8		SLOPE EROSION REPAIR	
	156+98	LT							1.6									1.6					8		SLOPE EROSION REPAIR	
	157+85	157+95	RT						0.9	0.8		0.9							10	10	5.6				CONSTRUCT SIDEWALK RAMP, TYPE 1	
	157+95	158+10	RT						1.1	0.9		1.1							12	12	6.7	10			CONSTRUCT SIDEWALK AND CONCRETE CURB - NON PARTICIPATING	
	158+53	158+66	RT						1.8	1.5		1.8							19	19	10.6	10			CONSTRUCT SIDEWALK RAMP, TYPE 6	
	177+50	178+10	LT			2	1	12				60											1	1	QUANTITIES FOR USE AS DIRECTED BY THE RESIDENT ENGINEER	
	231+45	233+08	LT&RT			11	6	63				313											2	2	QUANTITIES FOR USE AS DIRECTED BY THE RESIDENT ENGINEER	
SHEET 1 SUBTOTALS:			37.5	3	138	70	858	37.5	46.2	29.2	4288	35	113	1	27	27	26	11.2	342	342	210.2	207	56	3	3	
SHEET 2 SUBTOTALS:			-	-	13	7	75	-	7	3.2	373	3.8	-	-	-	-	-	3.2	41	41	22.9	20	16	3	3	
ROUNDINGS:			-	-	-	-	-	-	0.8	0.6	-	1.2	1	-	-	-	-	0.6	7	-	1.9	3	1	-	-	
TOTALS:			37.5	3	151	77	933	37.5	54	33	4661	40	114	1	27	27	26	15	390	383	235	230	73	6	6	

ITEM DETAIL SUMMARY SHEET 2	PROJECT NAME: MONTPELIER	
	PROJECT NUMBER: NH 2604(1)	
	FILE NAME: p06b034.dgn	PLOT DATE: 03-AUG-2011 14:07
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: MCF	CHECKED BY: JLL	
IPARM FILE: p06b034ids02.i	SHEET 16 OF 84	



SECTION
HANDWORK DETAILS FOR PAVED DRIVES

SECTION A-A
HANDWORK DETAILS FOR GRAVEL DRIVES

STATION	POSITION	QUANTITY (SY)
NH 2604(I)		
U.S. ROUTE 2		
108+17	LT	16
109+37	LT	18
111+32	LT	20
112+85	LT	20
118+75	RT	15
120+80	RT	16
121+32	RT	12
121+85	RT	12
122+94	RT	12
123+91	RT	13
124+67	RT	13
125+84	RT	40
127+80	RT	8
128+47	RT	10
128+72	RT	10
129+36	RT	11
130+39	RT	10
131+00	RT	11
131+70	RT	10
132+19	RT	10
132+87	RT	9
136+27	RT	10
136+90	RT	7
138+01	RT	21
139+00	RT	8
139+99	RT	15
141+54	RT	32
143+61	RT	8
146+75	RT	12
147+73	RT	8
150+00	RT	12

STATION	POSITION	QUANTITY (SY)
NH 2604(I)		
U.S. ROUTE 2 CONT.		
158+89	RT	17
159+00	LT	25
160+72	LT	24
161+42	RT	23
161+46	LT	7
163+44	LT	14
164+98	RT	24
166+29	LT	28
167+00	LT	31
167+11	RT	16
168+37	LT	21
169+44	LT	52
170+97	LT	19
171+07	RT	12
172+39	LT	62
172+77	RT	12
173+48	RT	10
175+40	LT	68
175+78	RT	17
176+35	LT	14
177+43	LT	8
178+26	RT	10
179+69	RT	15
221+48	RT	21
224+44	RT	36
225+21	LT	51
226+08	RT	23
226+84	RT	22
228+84	RT	14
230+04	RT	20
231+16	RT	24

NOTES:

- PAVING LIFT NOT TO EXCEED 2" (50mm)
- THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.

LEGEND



NOT TO SCALE

**DRIVE
DETAIL
SHEET**

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 14:07
PROJECT NUMBER: NH 2604(I)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
DESIGNED BY: STANTEC	SHEET 17 OF 84
IPARM FILE: p06b034ds.i	

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 STA. 86+80.32 TO 89+00, SOLID LT & RT
 STA. 86+80.32 TO 89+00, SOLID LT (LANE LINE)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 STA. 86+80.32 TO 89+00, SOLID LT & RT
 STA. 86+80.32 TO 89+00, SOLID LT (LANE LINE)

675.50 REMOVING SIGNS (TYPE A)
 AS SHOWN - 2

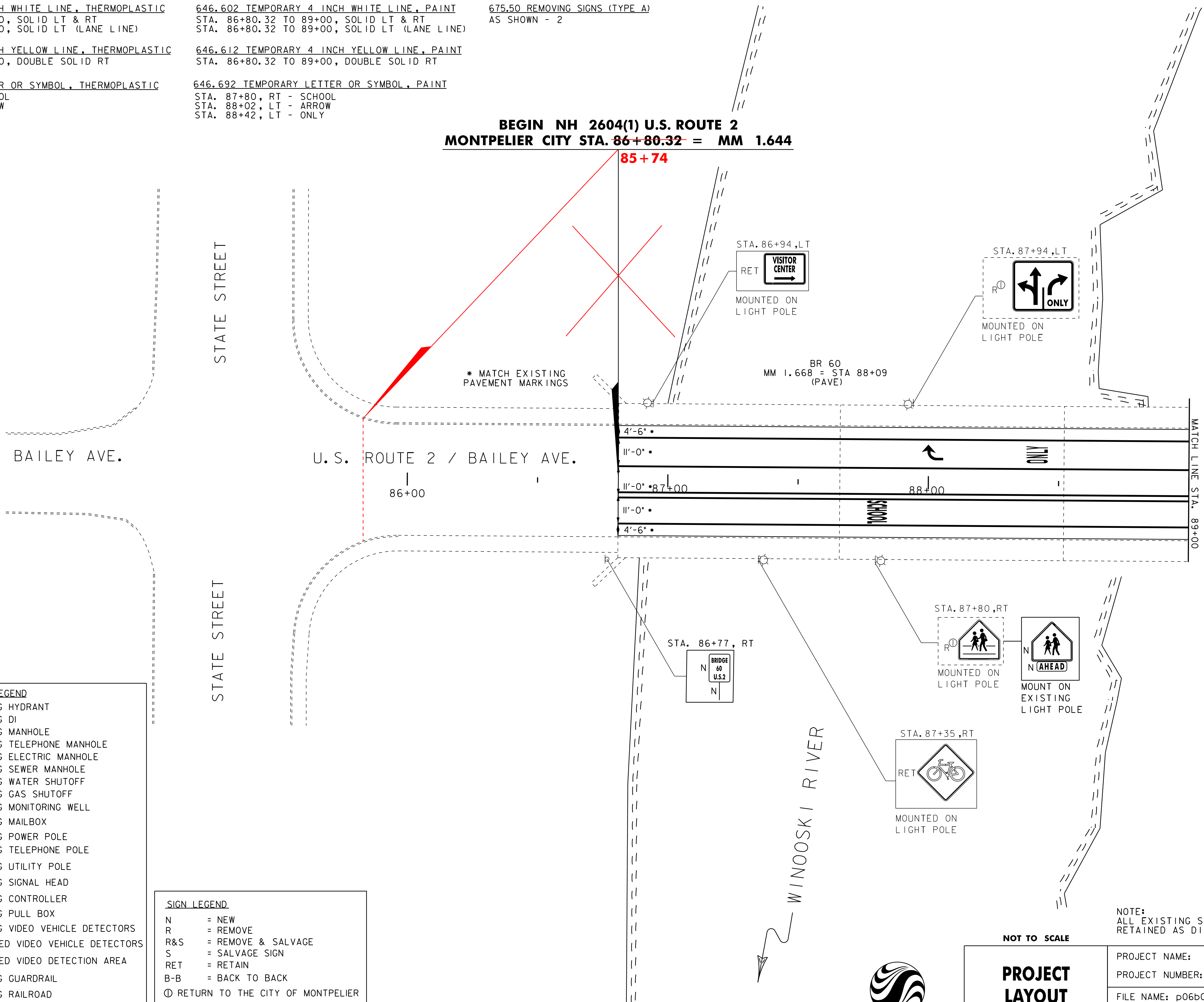
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 STA. 86+80.32 TO 89+00, DOUBLE SOLID RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 STA. 86+80.32 TO 89+00, DOUBLE SOLID RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA. 87+80, RT - SCHOOL
 STA. 88+02, LT - ARROW
 STA. 88+42, LT - ONLY

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 87+80, RT - SCHOOL
 STA. 88+02, LT - ARROW
 STA. 88+42, LT - ONLY

BEGIN NH 2604(1) U.S. ROUTE 2
MONTPELIER CITY STA. 86+80.32 = MM 1.644



UTILITY LEGEND	
	= EXISTING HYDRANT
	= EXISTING DI
	= EXISTING MANHOLE
	= EXISTING TELEPHONE MANHOLE
	= EXISTING ELECTRIC MANHOLE
	= EXISTING SEWER MANHOLE
	= EXISTING WATER SHUTOFF
	= EXISTING GAS SHUTOFF
	= EXISTING MONITORING WELL
	= EXISTING MAILBOX
	= EXISTING POWER POLE
	= EXISTING TELEPHONE POLE
	= EXISTING UTILITY POLE
	= EXISTING SIGNAL HEAD
	= EXISTING CONTROLLER
	= EXISTING PULL BOX
	= EXISTING VIDEO VEHICLE DETECTORS
	= PROPOSED VIDEO VEHICLE DETECTORS
	= PROPOSED VIDEO DETECTION AREA
	= EXISTING GUARDRAIL
	= EXISTING RAILROAD

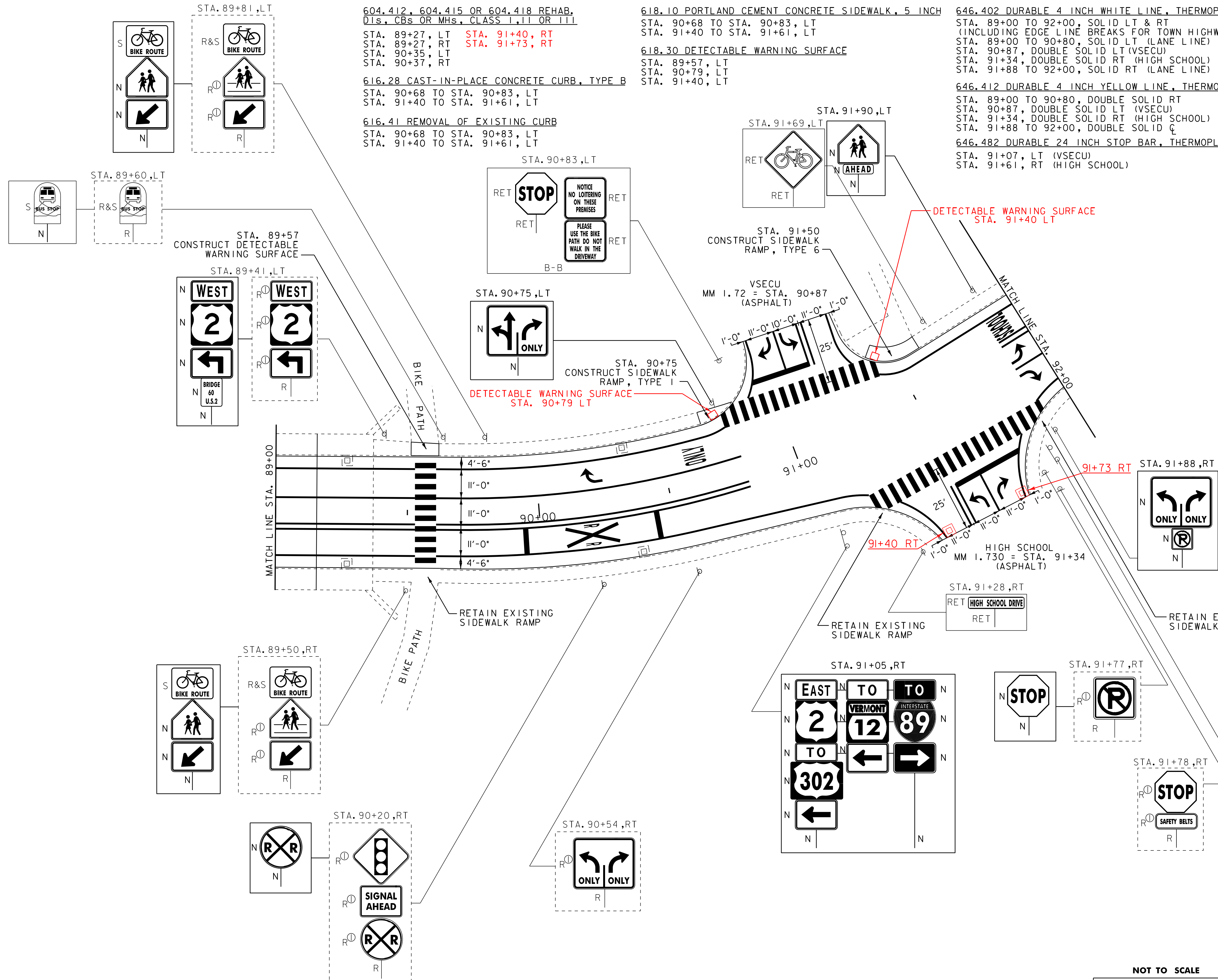
SIGN LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE SIGN
RET	= RETAIN
B-B	= BACK TO BACK
⊙	RETURN TO THE CITY OF MONTPELIER

NOTE:
 ALL EXISTING SIGNS NOT SHOWN SHALL BE
 RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.



PROJECT LAYOUT SHEET #1

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 4:07
PROJECT NUMBER: NH 2604(1)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
DESIGNED BY: MCF	SHEET 18 OF 84
IPARM FILE: p06b034i01.i	



- 604.412, 604.415 OR 604.418 REHAB. DIS, CBS OR MHS, CLASS I, II OR III
- STA. 89+27, LT STA. 91+40, RT
- STA. 89+27, RT STA. 91+73, RT
- STA. 90+35, LT
- STA. 90+37, RT
- 616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
- STA. 90+68 TO STA. 90+83, LT
- STA. 91+40 TO STA. 91+61, LT
- 616.41 REMOVAL OF EXISTING CURB
- STA. 90+68 TO STA. 90+83, LT
- STA. 91+40 TO STA. 91+61, LT
- 618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- STA. 90+68 TO STA. 90+83, LT
- STA. 91+40 TO STA. 91+61, LT
- 618.30 DETECTABLE WARNING SURFACE
- STA. 89+57, LT
- STA. 90+79, LT
- STA. 91+40, LT
- 646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
- STA. 89+00 TO 92+00, SOLID LT & RT (INCLUDING EDGE LINE BREAKS FOR TOWN HIGHWAYS)
- STA. 89+00 TO 90+80, SOLID LT (LANE LINE)
- STA. 90+87, DOUBLE SOLID LT (VSECU)
- STA. 91+34, DOUBLE SOLID RT (HIGH SCHOOL)
- STA. 91+88 TO 92+00, SOLID RT (LANE LINE)
- 646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
- STA. 89+00 TO 90+80, DOUBLE SOLID RT
- STA. 90+87, DOUBLE SOLID LT (VSECU)
- STA. 91+34, DOUBLE SOLID RT (HIGH SCHOOL)
- STA. 91+88 TO 92+00, DOUBLE SOLID C
- 646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
- STA. 91+07, LT (VSECU)
- STA. 91+61, RT (HIGH SCHOOL)
- 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
- STA. 90+22, LT - ARROW
- STA. 90+62, LT - ONLY
- STA. 91+05, LT - ARROW
- STA. 91+15, LT - ARROW
- STA. 91+53, RT - ARROW
- STA. 91+61, RT - ARROW
- STA. 91+90, LT - SCHOOL
- STA. 91+92, RT - ARROW
- STA. 91+92, RT - ARROW
- 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
- STA. 89+57, LT & RT
- STA. 90+87, LT
- STA. 91+34, RT
- 646.512 DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC
- STA. 90+20, RT
- 646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
- STA. 89+00 TO 92+00, SOLID LT & RT (INCLUDING EDGE LINE BREAKS FOR TOWN HIGHWAYS)
- STA. 89+00 TO 90+80, SOLID LT (LANE LINE)
- STA. 90+87, DOUBLE SOLID LT (VSECU)
- STA. 91+34, DOUBLE SOLID RT (HIGH SCHOOL)
- STA. 91+88 TO 92+00, SOLID RT (LANE LINE)
- 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
- STA. 89+00 TO 90+80, DOUBLE SOLID RT
- STA. 90+87, DOUBLE SOLID LT (VSECU)
- STA. 91+34, DOUBLE SOLID RT (HIGH SCHOOL)
- STA. 91+88 TO 92+00, DOUBLE SOLID C
- 646.682 TEMPORARY 24 INCH STOP BAR, PAINT
- STA. 91+07, LT (VSECU)
- STA. 91+61, RT (HIGH SCHOOL)
- 646.692 TEMPORARY LETTER OR SYMBOL, PAINT
- STA. 90+22, LT - ARROW
- STA. 91+05, LT - ARROW
- STA. 91+15, LT - ARROW
- STA. 91+53, RT - ARROW
- STA. 91+61, RT - ARROW
- STA. 91+90, LT - SCHOOL
- STA. 91+92, RT - ARROW
- STA. 91+92, RT - ARROW
- 646.702 TEMPORARY CROSSWALK MARKING, PAINT
- STA. 89+57, LT & RT
- STA. 90+87, LT
- STA. 91+34, RT
- 646.712 TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
- STA. 90+20, RT
- 675.50 REMOVING SIGNS (TYPE A) AS SHOWN - 17
- 675.60 ERECTING SALVAGED SIGNS AS SHOWN - 3

NOTE:
 1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.



NOT TO SCALE
PROJECT LAYOUT SHEET #2

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(I)
 FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034i02.i
 PLOT DATE: 03-AUG-2011 4:07
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 19 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis, CBS OR MHS, CLASS I, II OR III

MONTPELIER STATE HIGHWAY STA. 46+00, RT
MONTPELIER STATE HIGHWAY STA. 46+04, LT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 92+86 TO STA. 92+99, RT
STA. 92+87 TO STA. 93+01, LT

616.41 REMOVAL OF EXISTING CURB

STA. 92+86 TO STA. 92+99, RT
STA. 92+87 TO STA. 93+01, LT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 92+86 TO STA. 92+99, RT
STA. 92+87 TO STA. 93+01, LT

618.30 DETECTABLE WARNING SURFACE

STA. 92+95, RT
STA. 92+95, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

MONTPELIER STATE HIGHWAY STA. 45+09.12 TO 46+35, DASHED LT & RT
MONTPELIER STATE HIGHWAY STA. 45+09.12 TO 46+35, SOLID LT & RT
MONTPELIER STATE HIGHWAY STA. 46+35 TO 94+23, SOLID RT
STA. 92+00 TO 93+32, SOLID LT & RT
STA. 92+00 TO 92+84, SOLID LANE LINE RT
STA. 94+23 TO 95+00, SOLID LT & RT
STA. 94+38 TO 95+00, DASHED RT
STA. 94+38 TO 95+00, SOLID LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

MONTPELIER STATE HIGHWAY STA. 45+09.12 TO 46+36, DOUBLE SOLID C
STA. 92+00 TO 92+85, DOUBLE SOLID C
STA. 94+38 TO 95+00, DOUBLE SOLID C

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

MONTPELIER STATE HIGHWAY STA. 46+35, RT
STA. 92+84, RT
STA. 94+39, LT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 92+34, RT - ONLY (2)
STA. 92+74, RT - ARROW (2)
STA. 94+47, LT - ARROW

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA. 92+95, LT - RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

MONTPELIER STATE HIGHWAY STA. 45+09.12 TO 46+35, DASHED LT & RT
MONTPELIER STATE HIGHWAY STA. 45+09.12 TO 46+35, SOLID LT & RT
MONTPELIER STATE HIGHWAY STA. 46+35 TO 94+23, SOLID RT
STA. 92+00 TO 93+32, SOLID LT & RT
STA. 92+00 TO 92+84, SOLID LANE LINE RT
STA. 94+23 TO 95+00, SOLID LT & RT
STA. 94+38 TO 95+00, DASHED RT
STA. 94+38 TO 95+00, SOLID LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

MONTPELIER STATE HIGHWAY STA. 45+09.12 TO 46+36, DOUBLE SOLID C
STA. 92+00 TO 92+85, DOUBLE SOLID C
STA. 94+38 TO 95+00, DOUBLE SOLID C

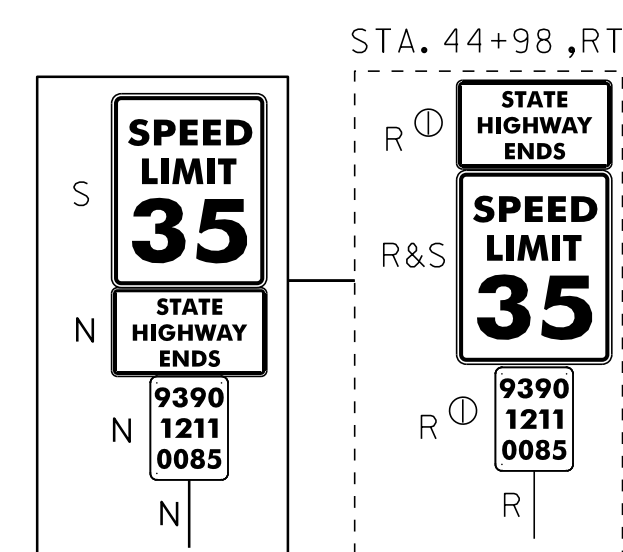
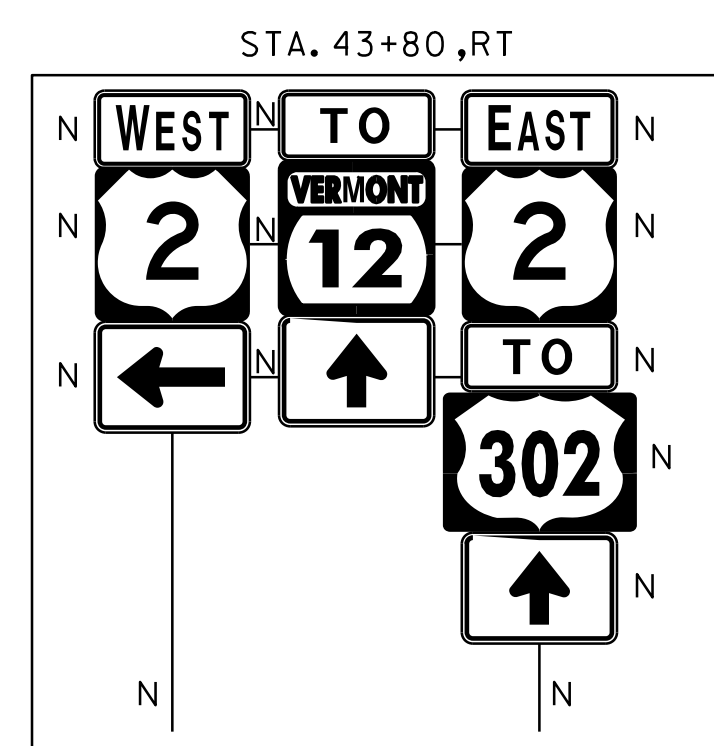
646.682 TEMPORARY 24 INCH STOP BAR, PAINT

MONTPELIER STATE HIGHWAY STA. 46+35, RT
STA. 92+84, RT
STA. 94+39, LT

LIMIT OF WORK
MONTPELIER STATE HIGHWAY
STA. 45+09.12 = MM 0.854

MONTPELIER STATE HIGHWAY

TO INTERSTATE 89



646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 92+74, RT - ARROW (2)
STA. 94+47, LT - ARROW

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 92+95, LT - RT

675.50 REMOVING SIGNS (TYPE A)

AS SHOWN - 20

675.50 REMOVING SIGNS (TYPE B)

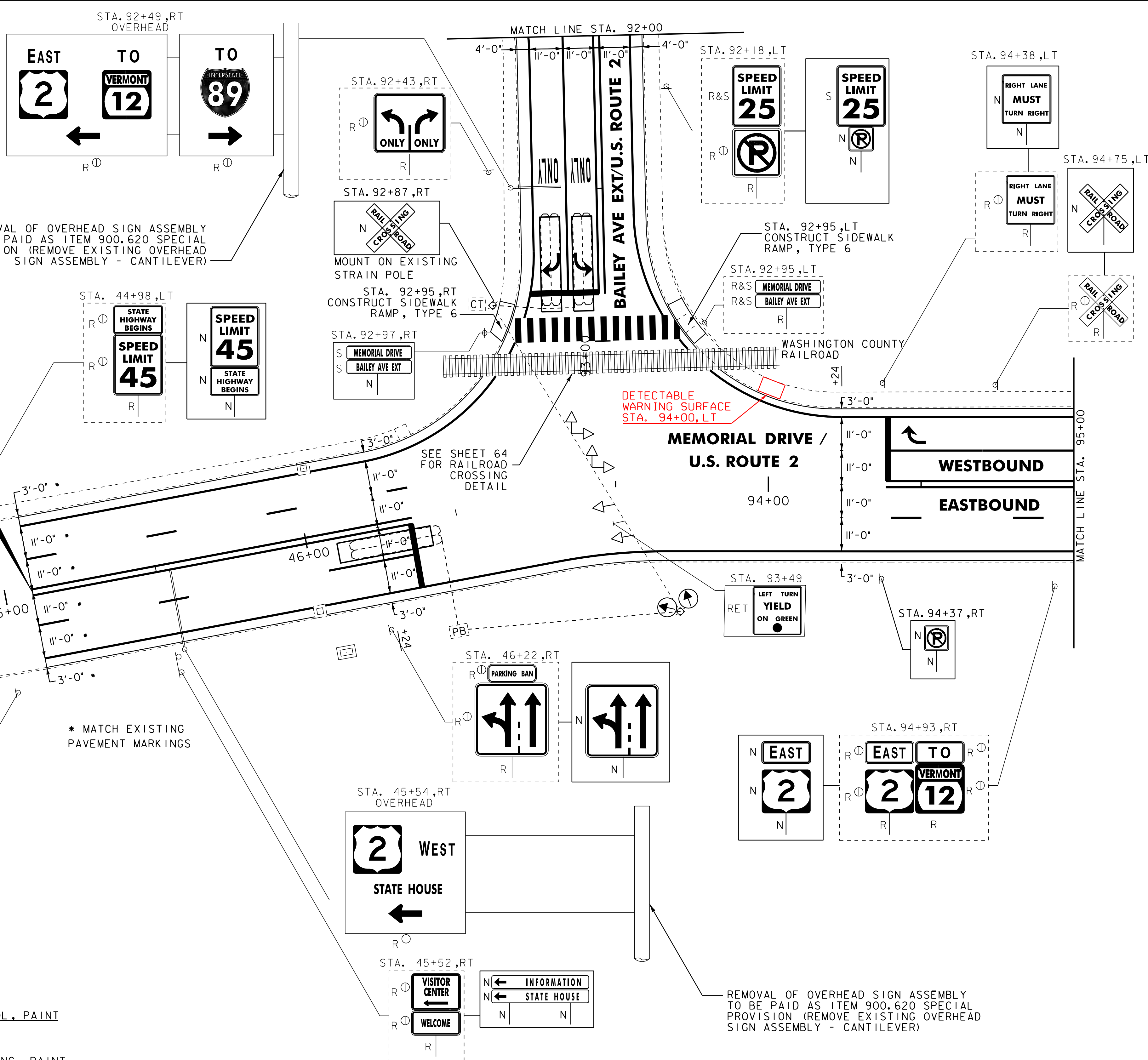
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 4

900.620 SPECIAL PROVISION (REMOVE EXISTING OVERHEAD SIGN ASSEMBLY - CANTILEVER)

MONTPELIER STATE HIGHWAY STA. 45+54, RT
STA. 92+49, RT



NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.



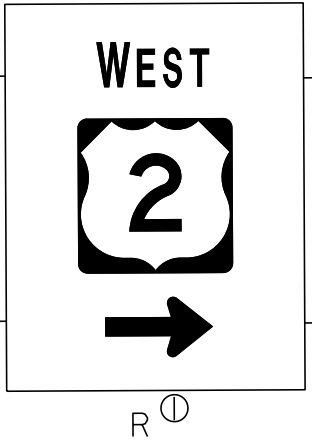
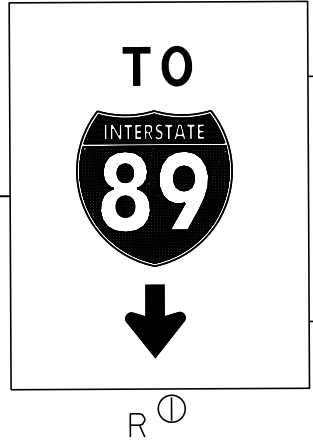
PROJECT LAYOUT SHEET #3

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(1)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i03.i
PLOT DATE: 03-AUG-2011 4:07
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 20 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis, CBS OR MHS, CLASS I, II OR III

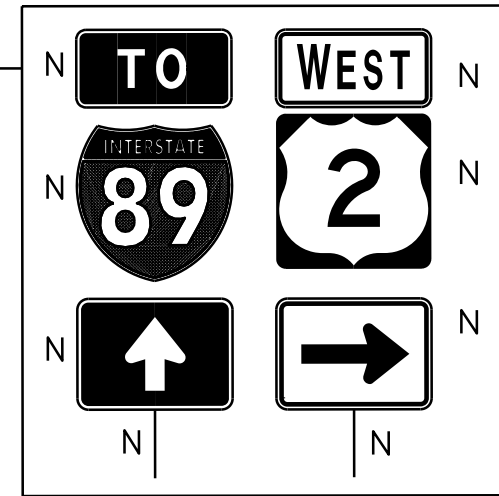
STA. 95+21, LT
STA. 95+21, RT
STA. 97+23, LT
STA. 97+25, RT
STA. 99+41, LT
STA. 99+41, RT

STA. 95+23, LT
OVERHEAD

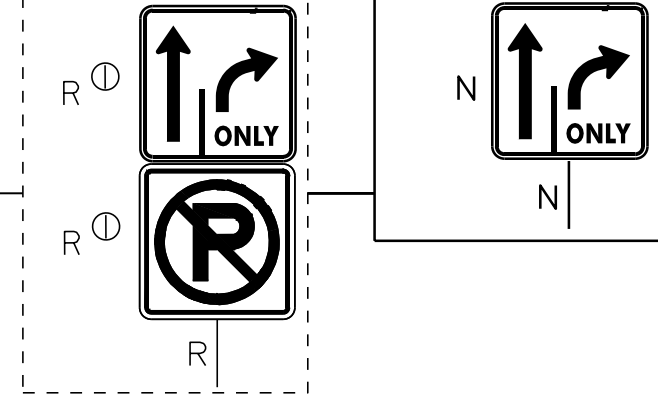


REMOVAL OF OVERHEAD SIGN ASSEMBLY
TO BE PAID AS ITEM 900.620 SPECIAL
PROVISION (REMOVE EXISTING OVERHEAD
SIGN ASSEMBLY - CANTILEVER)

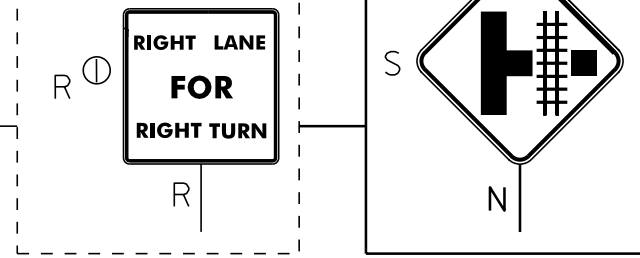
STA. 95+40, LT



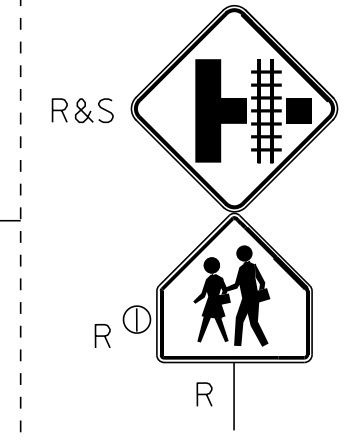
STA. 96+43, LT



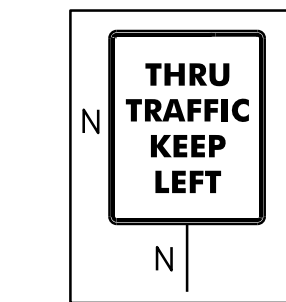
STA. 97+55, LT



STA. 99+19, LT



STA. 100+50, LT



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

STA. 95+00 TO 101+00, SOLID LT & RT
STA. 95+00 TO 96+43, SOLID LANE LINE LT
STA. 95+00 TO 101+00, DASHED RT
STA. 96+43 TO 101+00, DASHED LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

STA. 95+00 TO 101+00, SOLID LT & RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 95+10, LT - ONLY
STA. 95+75, LT - ARROW
STA. 96+46, LT - ONLY

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 95+00 TO 101+00, SOLID LT & RT
STA. 95+00 TO 96+43, SOLID LANE LINE LT
STA. 95+00 TO 101+00, DASHED RT
STA. 96+43 TO 101+00, DASHED LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 95+00 TO 101+00, SOLID LT & RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 95+75, LT - ARROW

675.50 REMOVING SIGNS (TYPE A)

AS SHOWN - 9

675.50 REMOVING SIGNS (TYPE B)

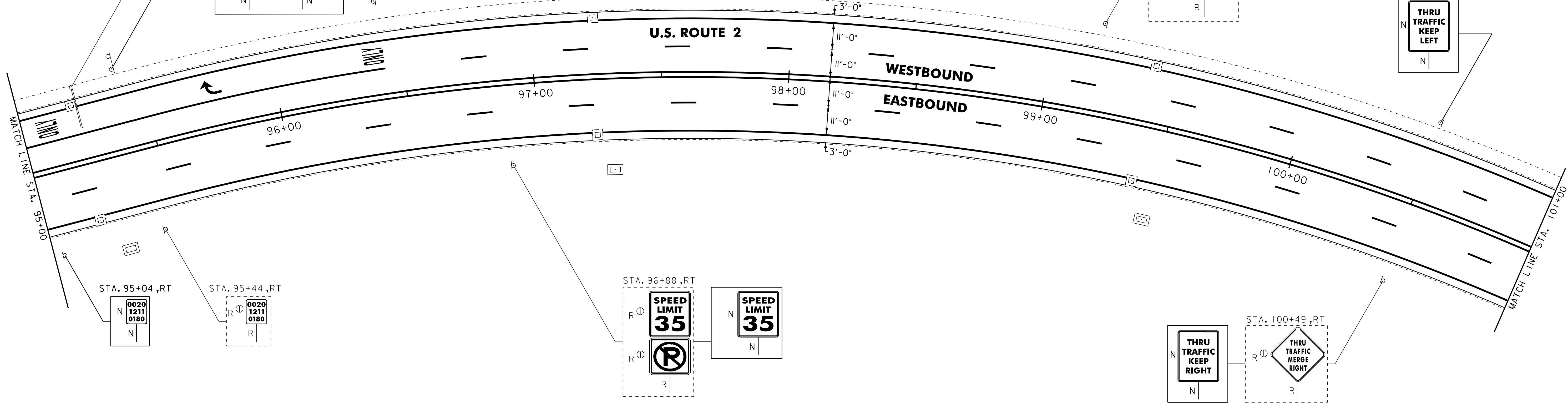
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS

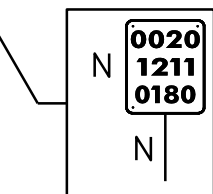
AS SHOWN - 1

900.620 SPECIAL PROVISION (REMOVE EXISTING OVERHEAD
SIGN ASSEMBLY-CANTILEVER)

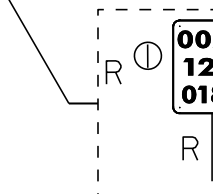
STA. 95+23, LT



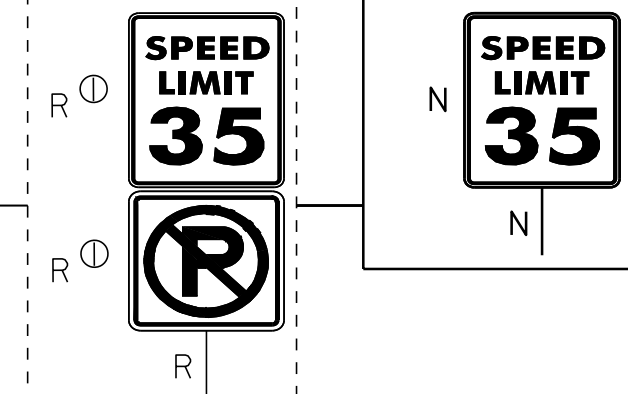
STA. 95+04, RT



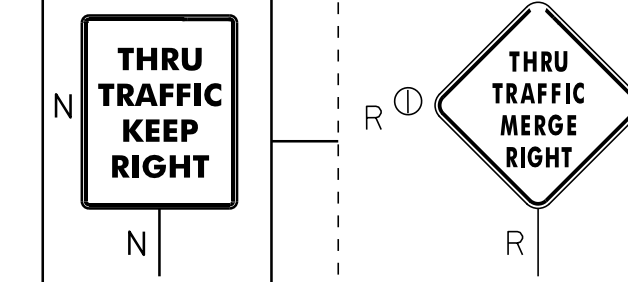
STA. 95+44, RT



STA. 96+88, RT



STA. 100+49, RT



NOTE:

- FOR LEGENDS, SEE LAYOUT SHEET #1.
- ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #4

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i04.i

PLOT DATE: 03-AUG-2011 4:07
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 21 OF 84

604.412, 604.415 OR 604.418 REHAB.
DIS, CBS OR MHS, CLASS I, II OR III

STA. 103+75, RT
STA. 103+92, LT
STA. 105+78, LT
STA. 105+78, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 101+00 TO 107+00, SOLID LT & RT
STA. 101+00 TO 107+00, DASHED LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 101+00 TO 106+90, SOLID LT & RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 106+89, RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 103+49, RT - ARROW (2)
STA. 105+20, RT - ARROW (2)
STA. 106+76, RT - ARROW (2)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 101+00 TO 107+00, SOLID LT & RT
STA. 101+00 TO 107+00, DASHED LT & RT

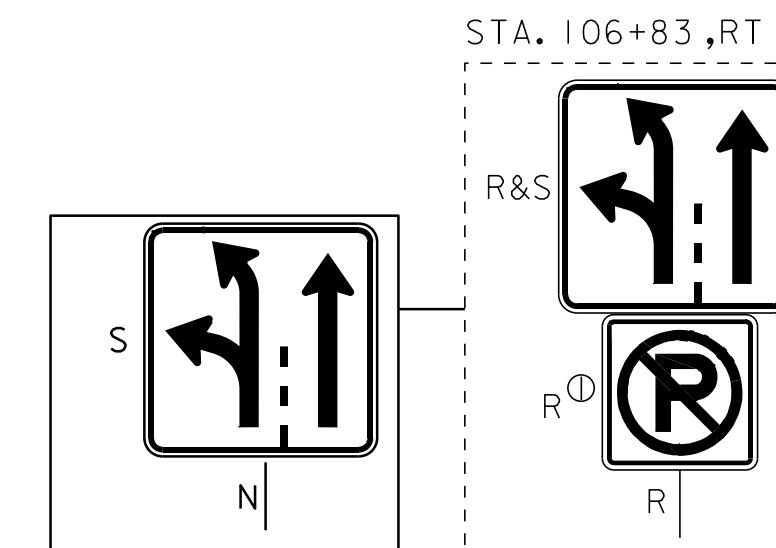
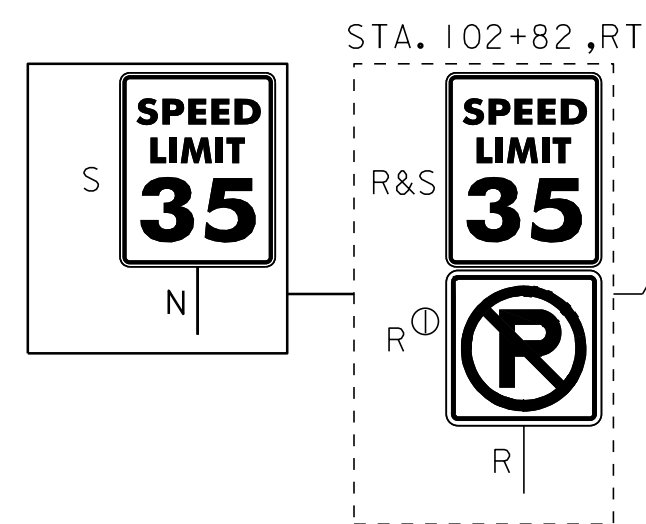
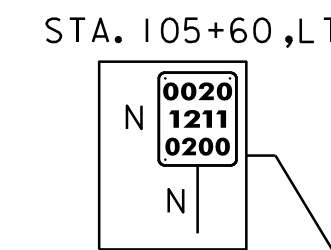
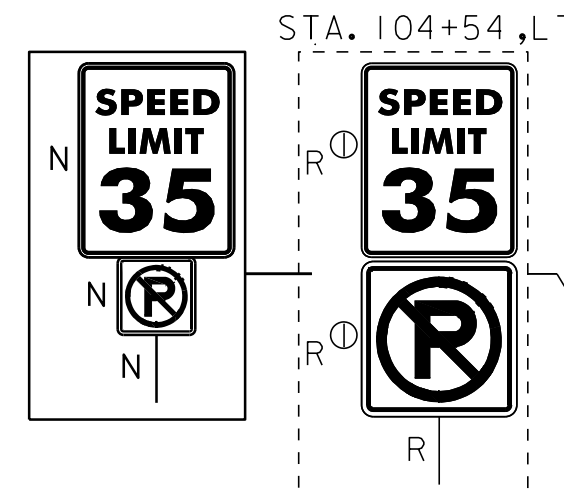
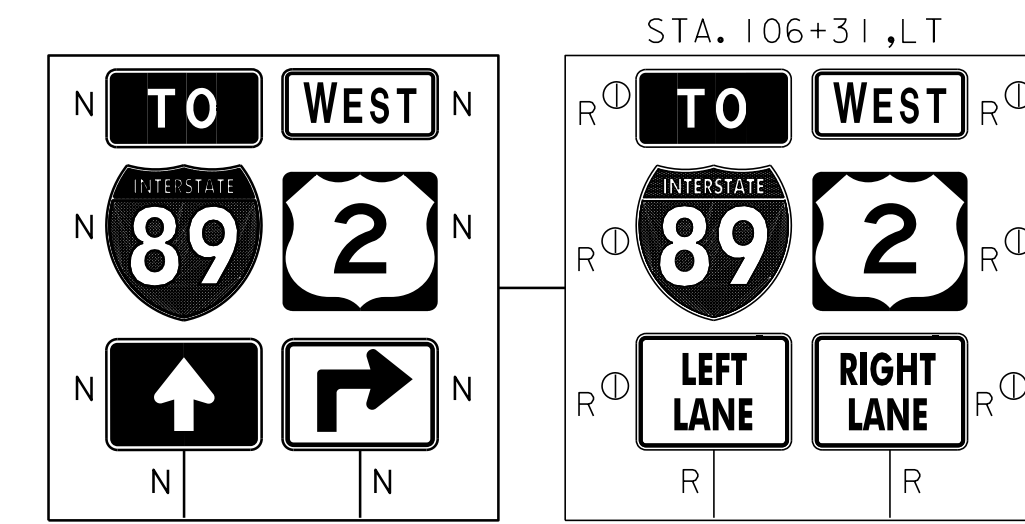
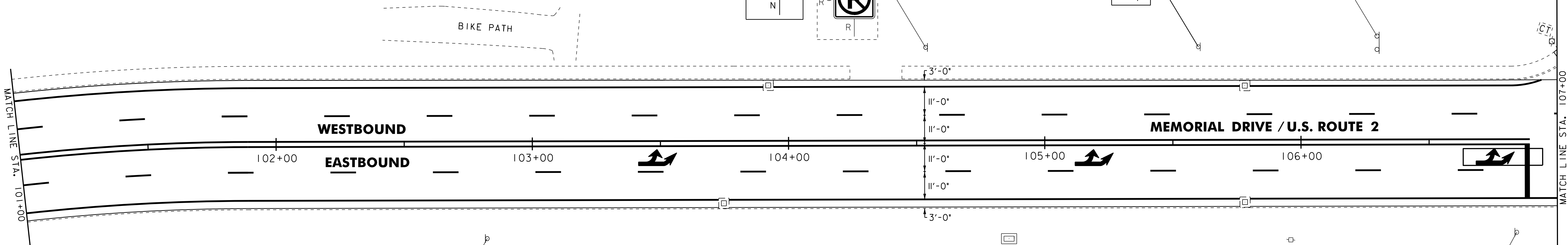
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 101+00 TO 106+90, SOLID LT & RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 106+89, RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 103+49, RT - ARROW (2)
STA. 105+20, RT - ARROW (2)
STA. 106+76, RT - ARROW (2)

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 12

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



- NOTE:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #5

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034105.i

PLOT DATE: 03-AUG-2011 4:07
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 22 OF 84

604.412, 604.415 OR 604.418 REHAB,
D.I.s, C.B.s OR M.H.s, CLASS I, II OR III

STA. 107+84, LT
STA. 107+87, RT
STA. 110+56, RT
STA. 110+60, LT
STA. 112+60, RT
STA. 112+63, LT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 106+99 TO STA. 107+11, LT
STA. 107+56 TO STA. 107+73, LT
STA. 111+00 TO STA. 111+10, LT
STA. 111+53 TO STA. 111+63, LT

616.41 REMOVAL OF EXISTING CURB

STA. 106+99 TO STA. 107+11, LT
STA. 107+56 TO STA. 107+73, LT
STA. 111+00 TO STA. 111+10, LT
STA. 111+53 TO STA. 111+63, LT

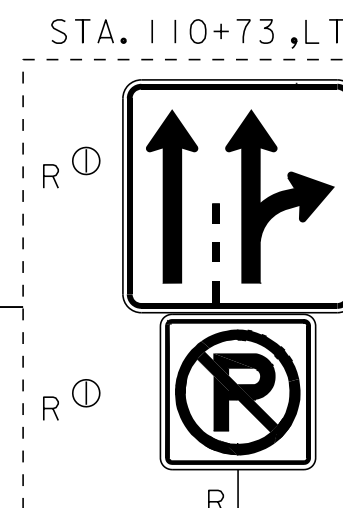
618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 106+99 TO STA. 107+11, LT
STA. 107+56 TO STA. 107+73, LT
STA. 111+00 TO STA. 111+63, LT

618.30 DETECTABLE WARNING SURFACE

STA. 107+05, LT
STA. 107+65, LT
STA. 111+00, LT
STA. 111+63, LT 111+54, LT

REMOVAL OF OVERHEAD SIGN ASSEMBLY
TO BE PAID AS ITEM 900.620 SPECIAL
PROVISION (REMOVE EXISTING OVERHEAD
SIGN ASSEMBLY - MULTI-SUPPORT)



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 107+00 TO 113+00, SOLID LT & RT
STA. 107+72 TO 111+74, DASHED LT & RT
STA. 111+74 TO 113+00, DOTTED RT

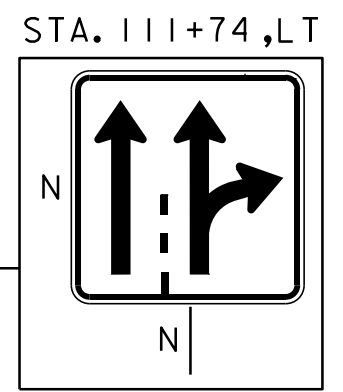
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 107+92 TO 113+00, SOLID LT & RT

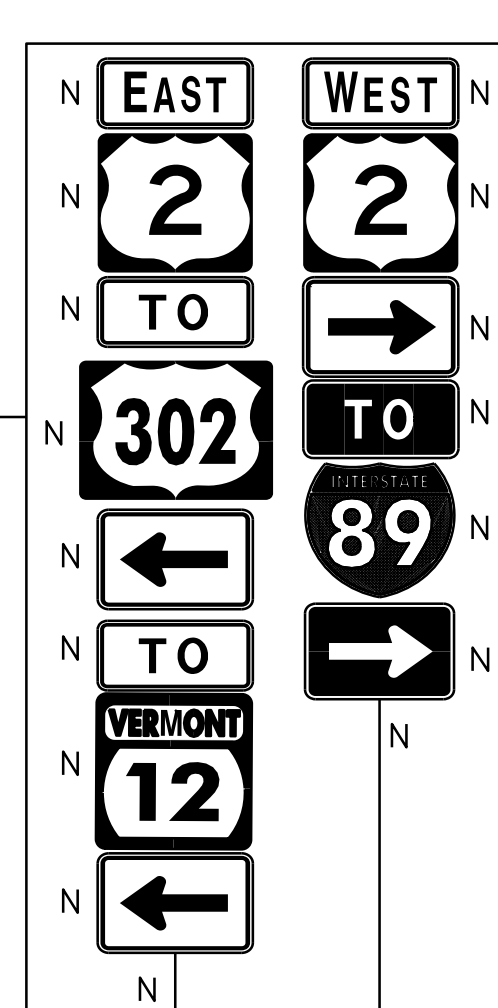
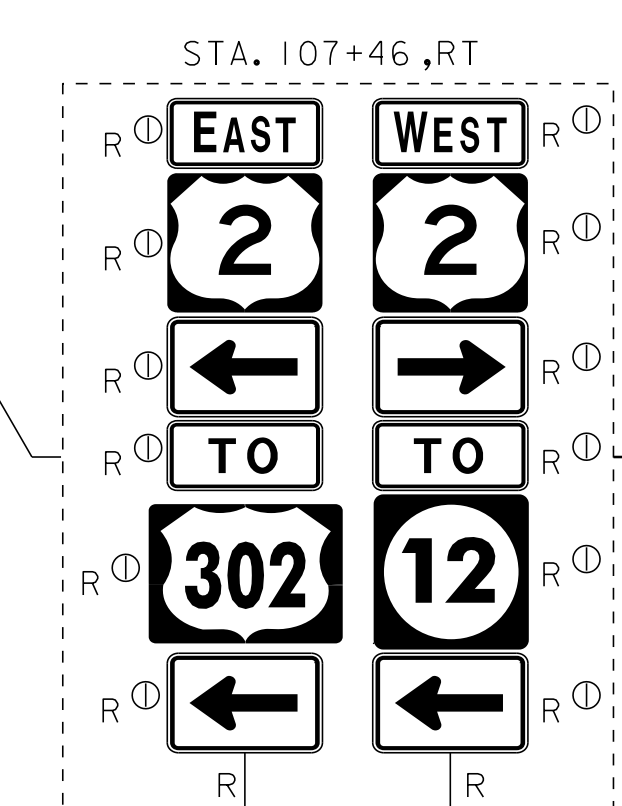
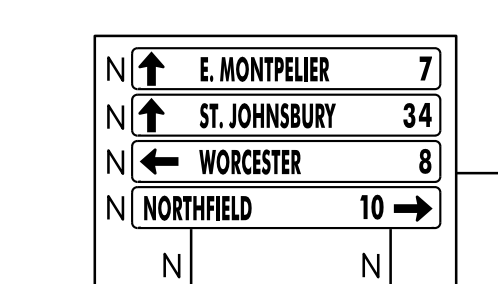
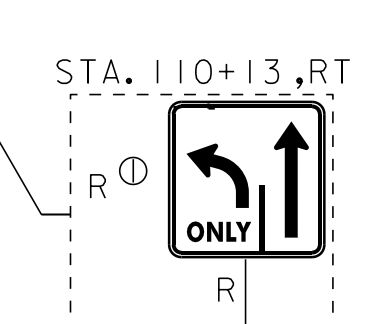
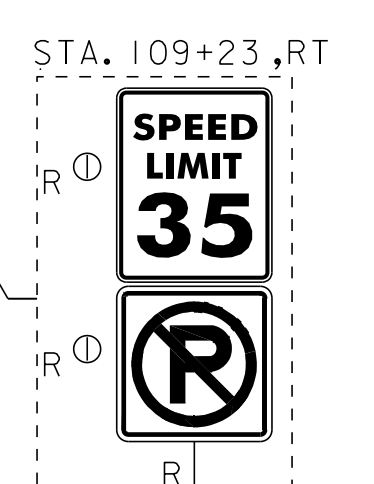
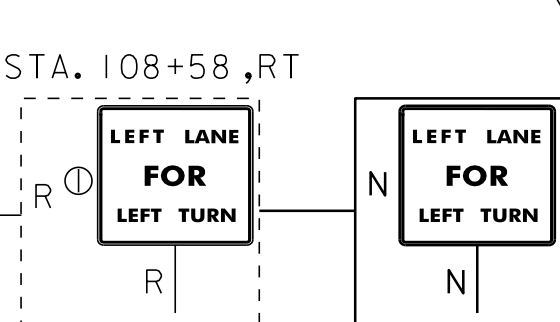
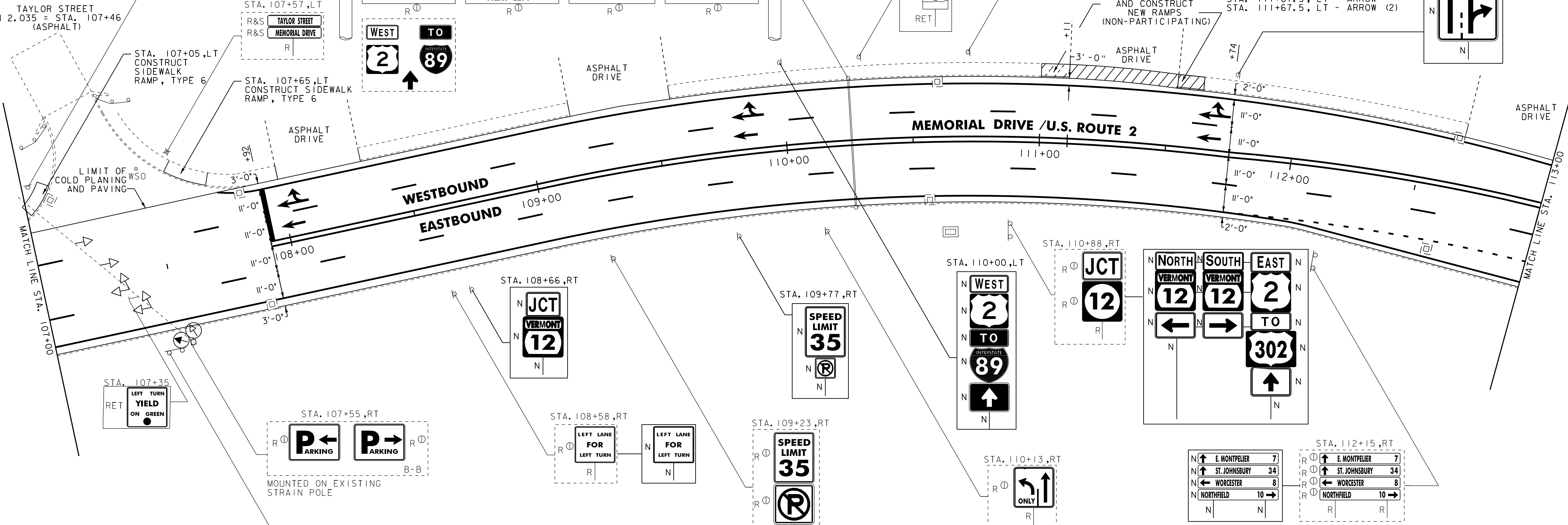
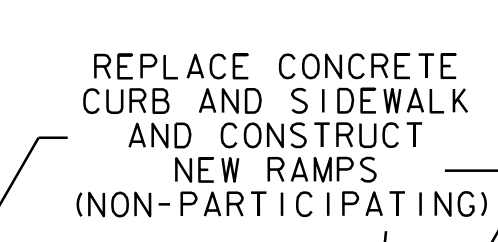
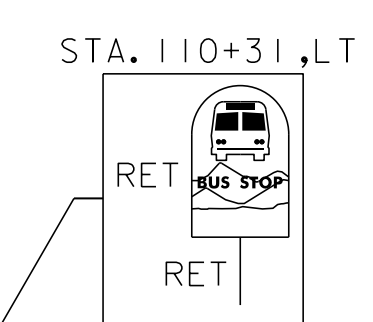
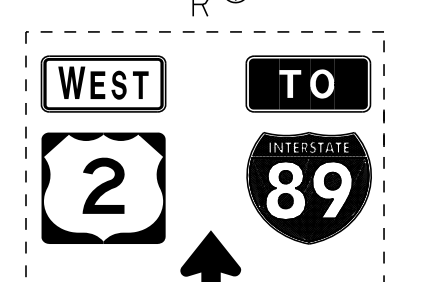
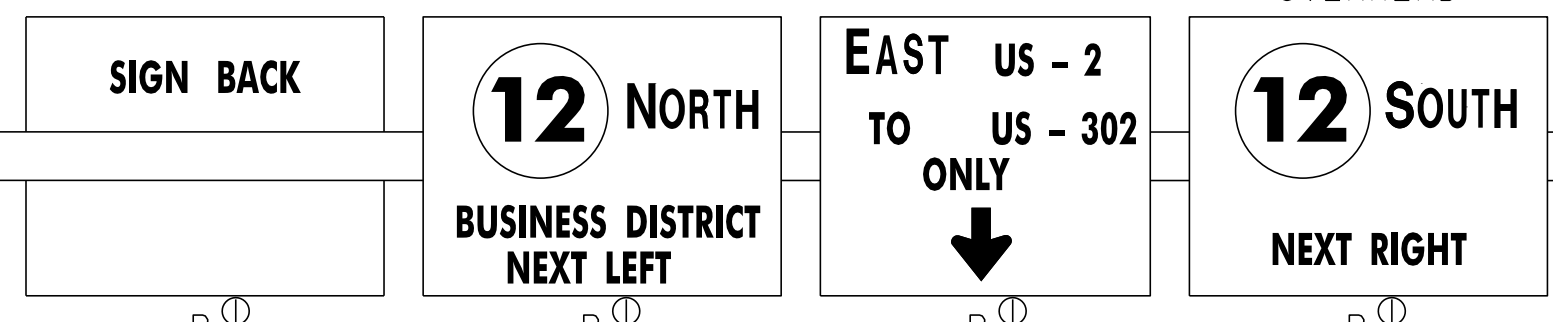
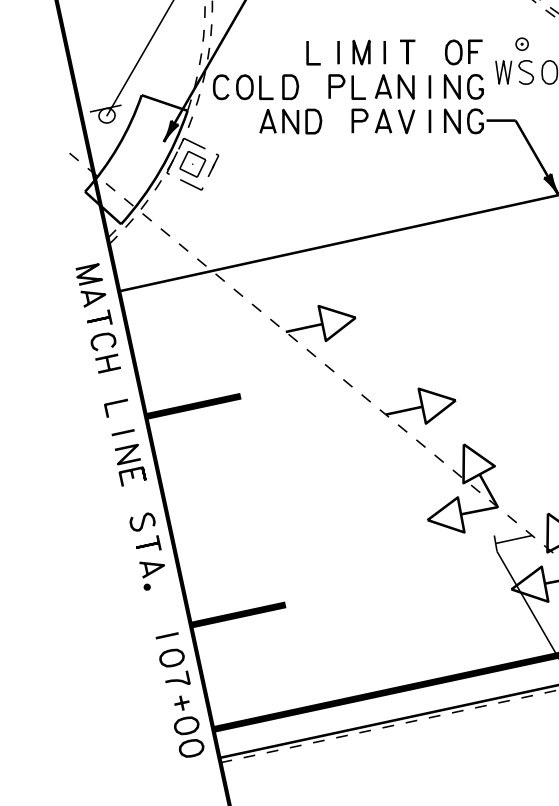
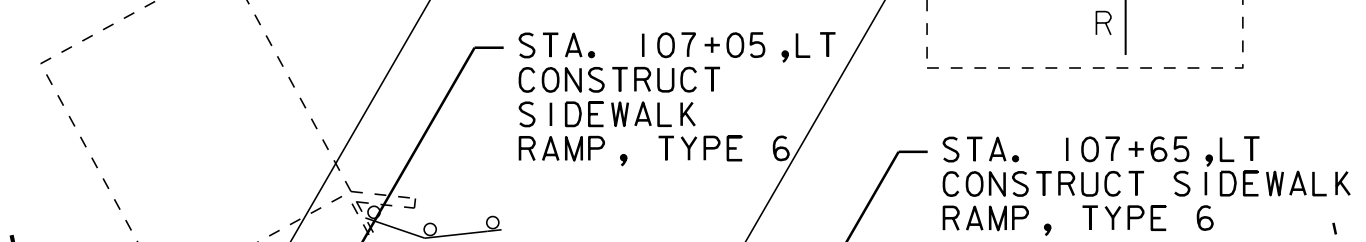
646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 107+93, LT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 108+03.5, LT - ARROW
STA. 108+03.5, LT - ARROW (2)
STA. 109+85.5, LT - ARROW
STA. 109+85.5, LT - ARROW (2)
STA. 111+67.5, LT - ARROW
STA. 111+67.5, LT - ARROW (2)



TAYLOR STREET
MM 2.035 = STA. 107+46
(ASPHALT)



646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 107+00 TO 113+00, SOLID LT & RT
STA. 107+72 TO 111+74, DASHED LT & RT
STA. 111+74 TO 113+00, DOTTED RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 107+92 TO 113+00, SOLID LT & RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 107+93, LT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 108+03.5, LT - ARROW
STA. 108+03.5, LT - ARROW (2)
STA. 109+85.5, LT - ARROW
STA. 109+85.5, LT - ARROW (2)
STA. 111+67.5, LT - ARROW
STA. 111+67.5, LT - ARROW (2)

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 17

675.50 REMOVING SIGNS (TYPE B)
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3

900.620 SPECIAL PROVISION
(REMOVE EXISTING OVERHEAD SIGN ASSEMBLY - MULTI-SUPPORT)
STA. 110+26, RT

NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE
RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.



NOT TO SCALE
PROJECT LAYOUT SHEET #6

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(1)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i06.i
PLOT DATE: 03-AUG-2011 4:07
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 23 OF 84

604.412, 604.415 OR 604.418 REHAB.
DIS, CBS OR MHS, CLASS 1, II OR III

STA. 114+19, LT
STA. 114+19, RT
STA. 115+69, LT
STA. 115+94, RT
STA. 116+68, LT
STA. 116+70, RT
STA. 117+48, RT
STA. 118+44, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 116+03, RT
STA. 116+17, LT
STA. 116+46, LT
616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 114+00 TO STA. 114+75, LT
STA. 115+56 TO STA. 115+87, LT
STA. 116+38 TO STA. 116+69, LT
618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 114+00 TO STA. 114+75, LT
STA. 115+56 TO STA. 115+87, LT
STA. 116+38 TO STA. 116+69, LT
618.30 DETECTABLE WARNING SURFACE
STA. 115+80, LT STA. 116+00, RT
STA. 116+57, LT STA. 116+70, RT

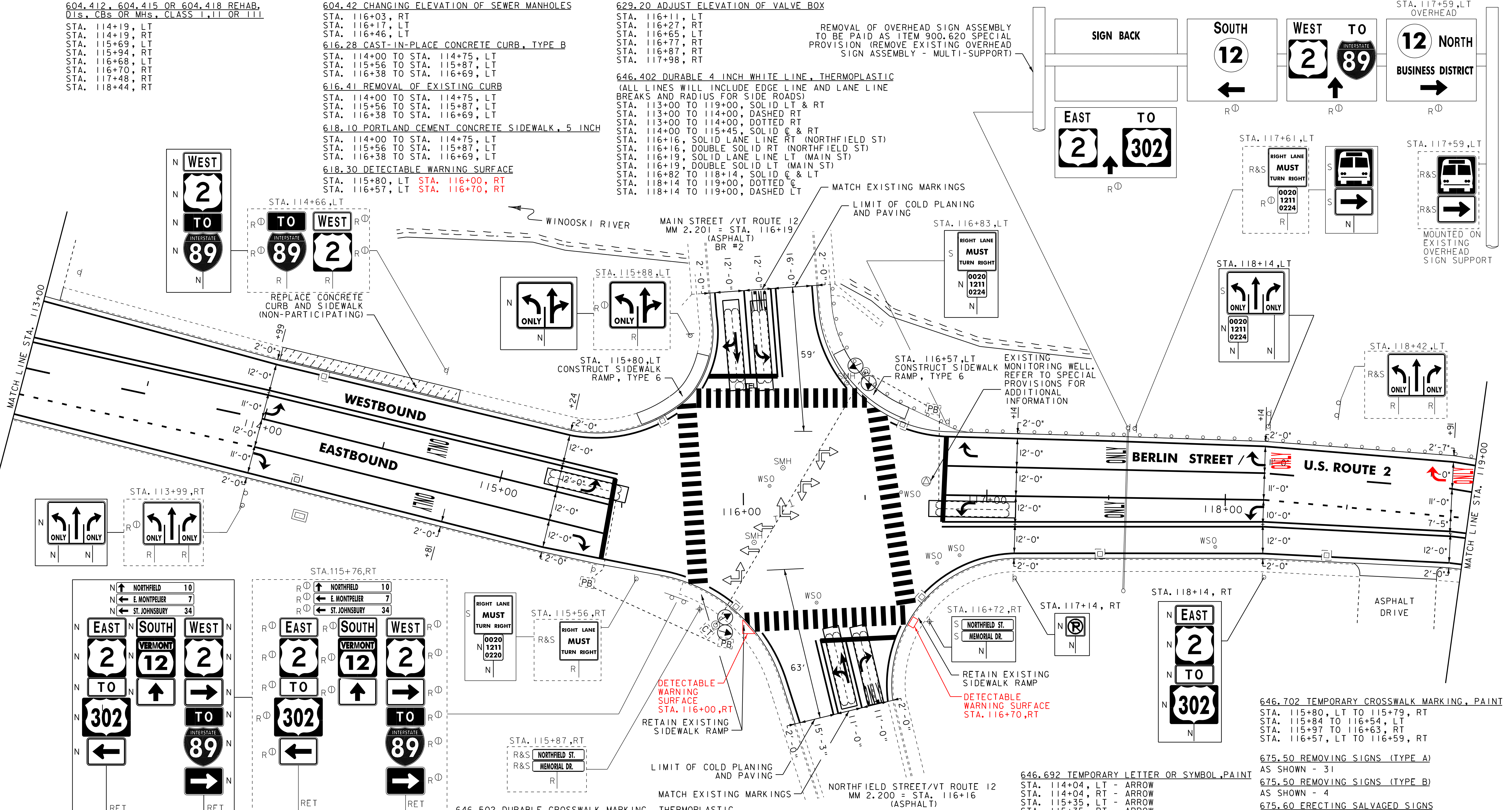
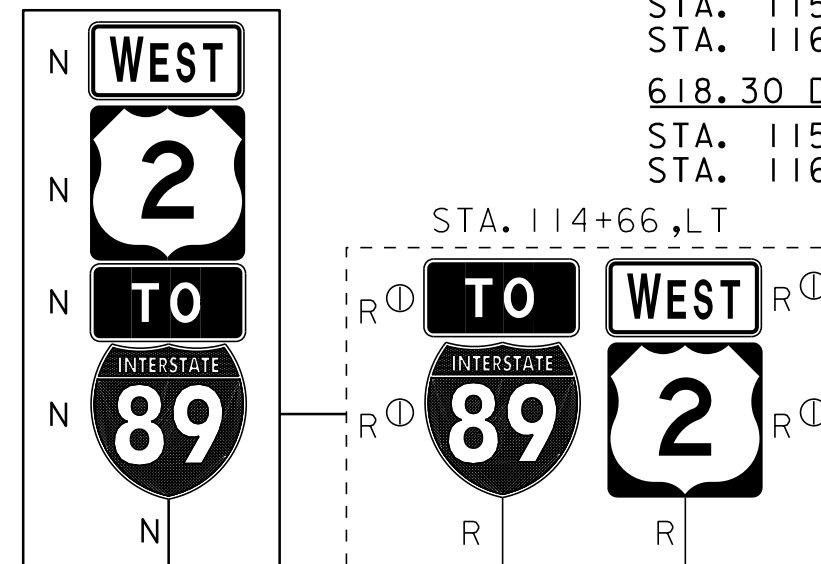
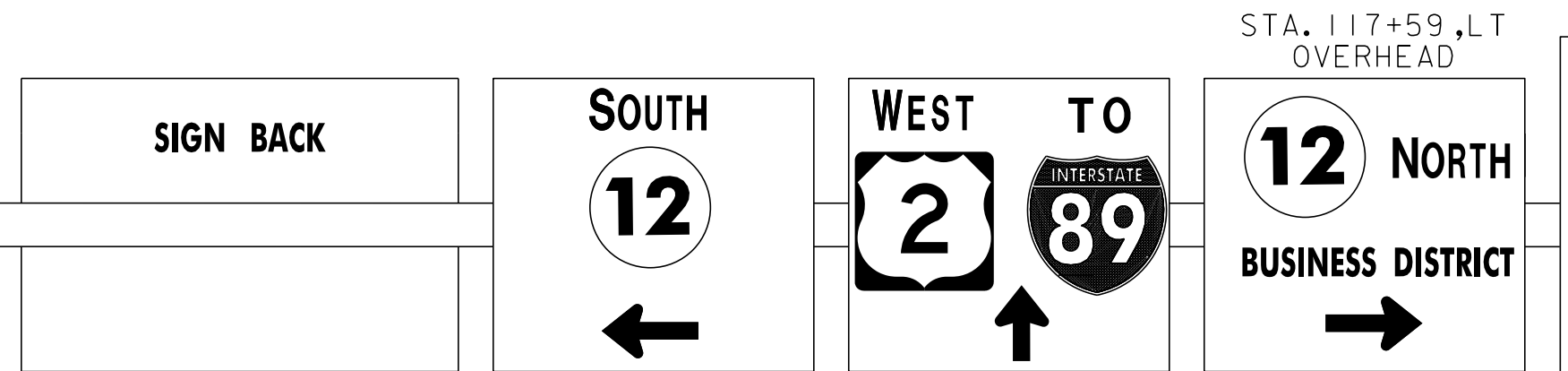
629.20 ADJUST ELEVATION OF VALVE BOX

STA. 116+11, LT
STA. 116+27, RT
STA. 116+65, LT
STA. 116+77, RT
STA. 116+87, RT
STA. 117+98, RT

REMOVAL OF OVERHEAD SIGN ASSEMBLY
TO BE PAID AS ITEM 900.620 SPECIAL
PROVISION (REMOVE EXISTING OVERHEAD
SIGN ASSEMBLY - MULTI-SUPPORT)

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 113+00 TO 119+00, SOLID LT & RT
STA. 113+00 TO 114+00, DASHED RT
STA. 113+00 TO 114+00, DOTTED RT
STA. 114+00 TO 115+45, SOLID C & RT
STA. 116+16, SOLID LANE LINE RT (NORTHFIELD ST)
STA. 116+16, DOUBLE SOLID RT (NORTHFIELD ST)
STA. 116+19, SOLID LANE LINE LT (MAIN ST)
STA. 116+19, DOUBLE SOLID LT (MAIN ST)
STA. 116+82 TO 118+14, SOLID C & LT
STA. 118+14 TO 119+00, DOTTED C
STA. 118+14 TO 119+00, DASHED LT



646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 113+00 TO 115+49, DOUBLE SOLID LT
STA. 116+16, DOUBLE SOLID RT (NORTHFIELD ST)
STA. 116+19, DOUBLE SOLID LT (MAIN ST)
STA. 116+80 TO 119+00, DOUBLE SOLID RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 114+04, LT - ARROW
STA. 114+04, RT - ARROW
STA. 114+72, LT - "ONLY"
STA. 114+72, RT - "ONLY"
STA. 115+35, LT - ARROW
STA. 115+35, RT - ARROW
STA. 116+00, LT - ARROW (2)
STA. 116+13, LT - ARROW
STA. 116+13, RT - "ONLY"
STA. 116+33, RT - ARROW (2)
STA. 116+35, RT - "ONLY"
STA. 116+35, RT - ARROW
STA. 116+93, LT - ARROW
STA. 116+93, RT - ARROW
STA. 117+54, LT - "ONLY"
STA. 117+54, RT - "ONLY"
STA. 118+11, LT - ARROW
STA. 118+11, RT - ARROW

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
STA. 115+80, LT TO 115+79, RT
STA. 115+84 TO 116+54, LT
STA. 115+97 TO 116+63, RT
STA. 116+57, LT TO 116+59, RT
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 113+00 TO 119+00, SOLID LT & RT
STA. 113+00 TO 114+00, DASHED RT
STA. 113+00 TO 114+00, DOTTED RT
STA. 114+00 TO 115+45, SOLID C & RT
STA. 116+16, SOLID LANE LINE RT (NORTHFIELD ST)
STA. 116+16, DOUBLE SOLID RT (NORTHFIELD ST)
STA. 116+19, SOLID LANE LINE LT (MAIN ST)
STA. 116+19, DOUBLE SOLID LT (MAIN ST)
STA. 116+82 TO 118+14, SOLID C & LT
STA. 118+14 TO 119+00, DOTTED C
STA. 118+14 TO 119+00, DASHED LT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 113+00 TO 115+49, DOUBLE SOLID LT
STA. 116+16, DOUBLE SOLID RT (NORTHFIELD ST)
STA. 116+19, DOUBLE SOLID LT (MAIN ST)
STA. 116+80 TO 119+00, DOUBLE SOLID RT
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 115+49, LT - RT
STA. 116+18, LT (MAIN STREET)
STA. 116+27, RT (NORTHFIELD STREET)
STA. 116+80, LT - RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 114+04, LT - ARROW
STA. 114+04, RT - ARROW
STA. 115+35, LT - ARROW
STA. 115+35, RT - ARROW
STA. 116+00, LT - ARROW (2)
STA. 116+13, LT - ARROW
STA. 116+33, RT - ARROW (2)
STA. 116+35, RT - ARROW
STA. 116+93, LT - ARROW
STA. 116+93, RT - ARROW
STA. 118+11, LT - ARROW
STA. 118+11, RT - ARROW

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 115+80, LT TO 115+79, RT
STA. 115+84 TO 116+54, LT
STA. 115+97 TO 116+63, RT
STA. 116+57, LT TO 116+59, RT

675.50 REMOVING SIGNS (TYPE A) AS SHOWN - 31
675.50 REMOVING SIGNS (TYPE B) AS SHOWN - 4
675.60 ERECTING SALVAGED SIGNS AS SHOWN - 7
900.620 SPECIAL PROVISION (REMOVE EXISTING OVERHEAD SIGN ASSEMBLY - MULTI-SUPPORT)
STA. 117+59, LT

NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 115+49, LT - RT
STA. 116+18, LT (MAIN STREET)
STA. 116+27, RT (NORTHFIELD STREET)
STA. 116+80, LT - RT

STA. 118+20, LT - "ONLY"
STA. 119+00, LT - ARROW
STA. 119+00, RT - "ONLY"



NOT TO SCALE
PROJECT LAYOUT SHEET #7

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i07.i
PLOT DATE: 03-AUG-2011 4:08
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 24 OF 84

604.412, 604.415 OR 604.418 REHAB,
DIS, CBS OR MHS, CLASS I, II OR III

STA. 119+36, RT
STA. 119+87, RT
STA. 121+00, RT
STA. 121+67, RT
STA. 122+03, RT
STA. 123+00, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 119+55, RT
STA. 122+65, LT
STA. 122+70, C

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 119+56, RT
STA. 122+58, RT
STA. 124+05, RT
STA. 124+18, RT

618.10 5" PCC SIDEWALK
STA. 119+47, RT

618.30 DETECTABLE WARNING SURFACE
STA. 119+47, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 119+00 TO 125+00, SOLID LT & RT
STA. 119+00 TO 122+71, DASHED LT
STA. 119+00 TO 120+67, DOTTED RT
STA. 119+58, DOUBLE SOLID RT (SCHOOL AVENUE)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 119+00 TO 125+00, DOUBLE SOLID RT
STA. 119+58, DOUBLE SOLID RT (SCHOOL AVENUE)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 119+66, RT (SCHOOL AVENUE)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 119+66, RT - "STOP"

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
STA. 119+58, RT

646.492 DURABLE LETTER OR SYMBOL

STA. 119+60, LT - ARROW - "ONLY"
STA. 120+60, LT - ARROW - "ONLY"
STA. 121+60, LT - ARROW - "ONLY"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 119+00 TO 125+00, SOLID LT & RT
STA. 119+00 TO 122+71, DASHED LT
STA. 119+00 TO 120+67, DOTTED RT
STA. 119+58, DOUBLE SOLID RT (SCHOOL AVENUE)

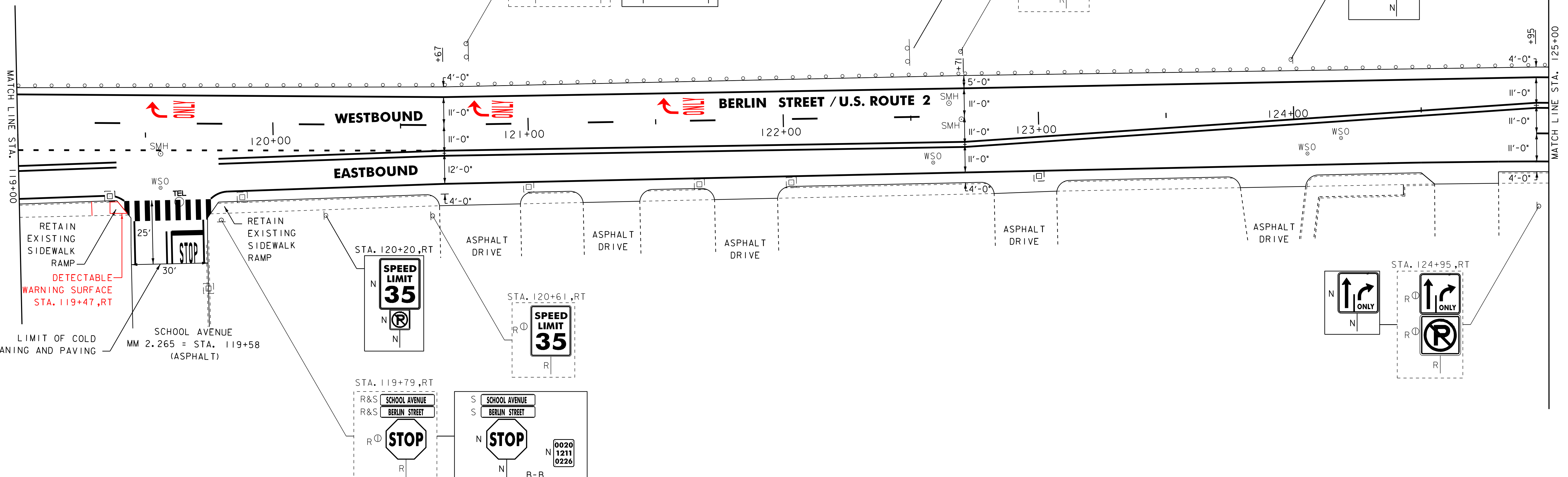
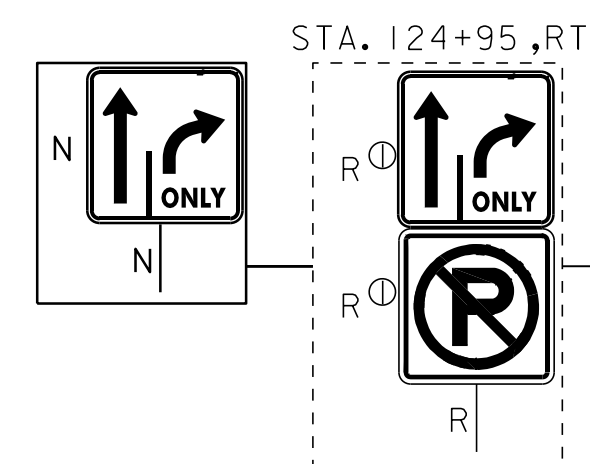
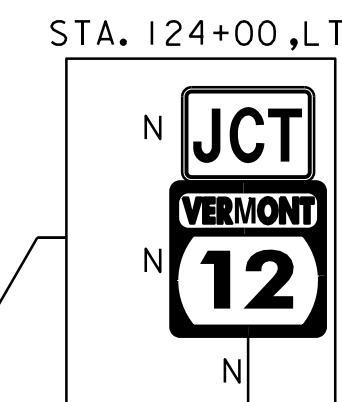
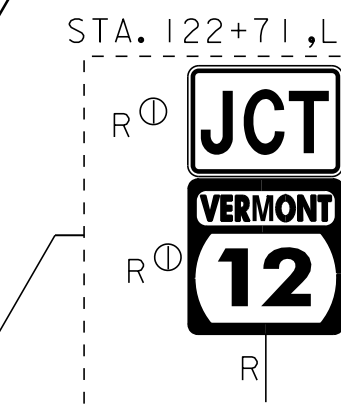
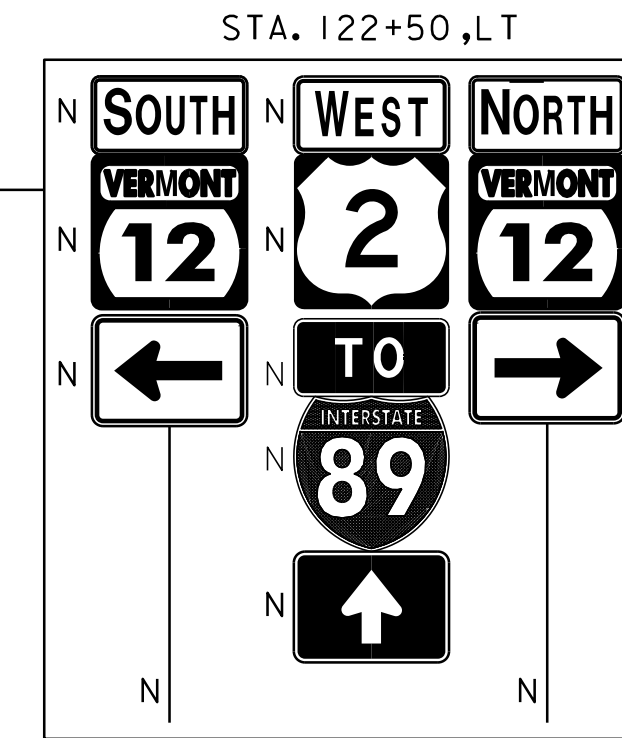
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 119+00 TO 125+00, DOUBLE SOLID RT
STA. 119+58, DOUBLE SOLID RT (SCHOOL AVENUE)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 119+66, RT (SCHOOL AVENUE)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 119+58, RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #8

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i08.i
PLOT DATE: 03-AUG-2011 4:08
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 25 OF 84

604.412, 604.415 OR 604.418 REHAB,
Dis, CBs OR MHS, CLASS I, II OR III
STA. 125+03, RT
STA. 126+35, RT
STA. 127+87, RT
STA. 129+85, RT

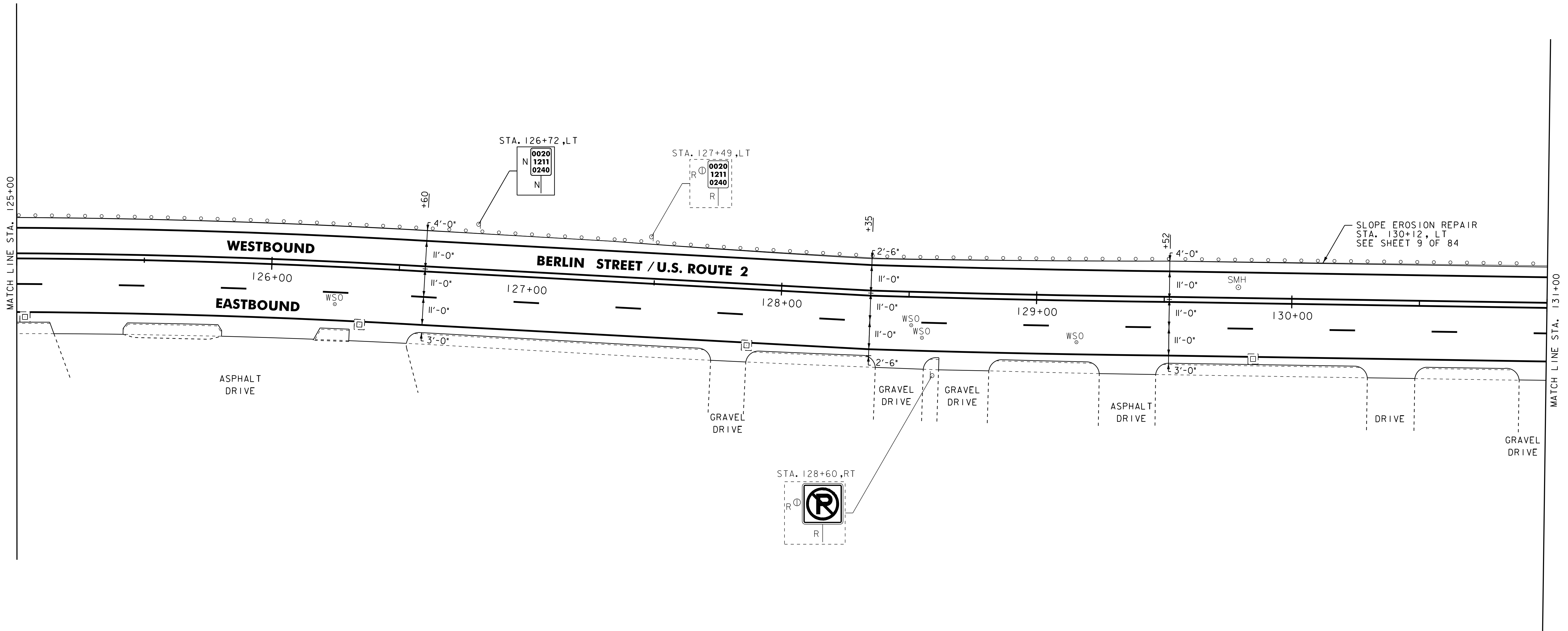
629.20 ADJUST ELEVATION OF VALVE BOX
STA. 126+25, RT
STA. 128+51, RT
STA. 128+56, RT
STA. 129+16, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 125+00 TO 131+00, SOLID LT & RT
STA. 125+00 TO 131+00, DASHED RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 125+00 TO 131+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 125+00 TO 131+00, SOLID LT & RT
STA. 125+00 TO 131+00, DASHED RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 125+00 TO 131+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 2

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 129+79, LT



- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #9

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i09.i

PLOT DATE: 03-AUG-2011 14:08
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 26 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis. CBs OR MHS. CLASS I, II OR III

STA. 131+10, RT
STA. 132+41, RT
STA. 134+00, RT
STA. 135+46, RT
STA. 136+56, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 136+62, RT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 133+86 TO STA. 134+05, RT
STA. 134+90 TO STA. 135+07, RT

616.41 REMOVAL OF EXISTING CURB

STA. 133+86 TO STA. 134+05, RT
STA. 134+90 TO STA. 135+07, RT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 133+86 TO STA. 134+15, RT
STA. 134+90 TO STA. 135+07, RT

618.30 DETECTABLE WARNING SURFACE

STA. 134+04, RT
STA. 134+90, RT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 133+30, RT
STA. 133+94, RT
STA. 134+08, RT
STA. 135+03, RT
STA. 135+81, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

STA. 131+00 TO 137+00, SOLID LT & RT
(EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 131+00 TO 137+00, DASHED RT
STA. 133+72, DOUBLE SOLID RT (HILL STREET)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 131+00 TO 137+00, SOLID LT & RT
STA. 133+72, DOUBLE SOLID RT (HILL STREET)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

STA. 133+72, RT (HILL STREET)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 133+95, RT - "STOP"

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA. 134+50, RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 131+00 TO 137+00, SOLID LT & RT
(EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 131+00 TO 137+00, DASHED RT
STA. 133+72, DOUBLE SOLID RT (HILL STREET)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 131+00 TO 137+00, SOLID LT & RT
STA. 133+72, DOUBLE SOLID RT (HILL STREET)

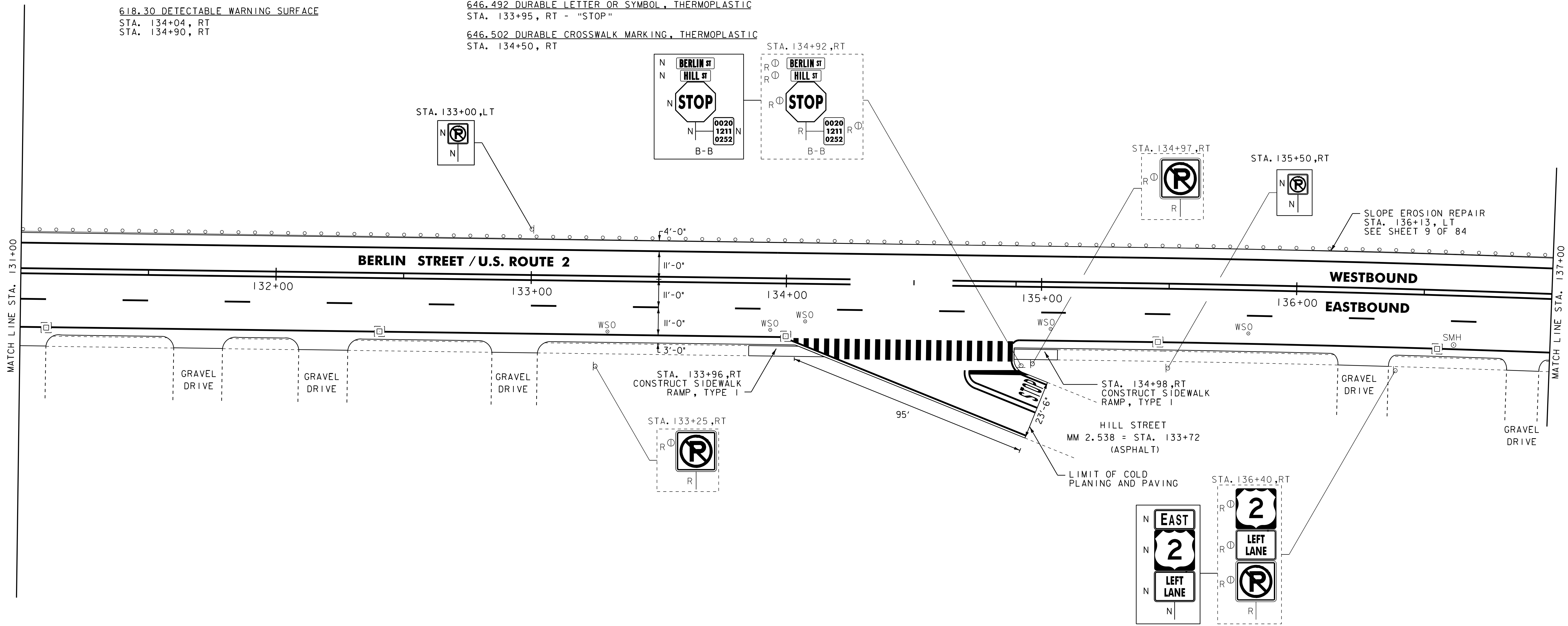
646.682 TEMPORARY 24 INCH STOP BAR, PAINT

STA. 133+72, RT (HILL STREET)

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 134+50, RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 9



SLOPE EROSION REPAIR
STA. 136+13, LT
SEE SHEET 9 OF 84

NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE
RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #10

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 14:08
PROJECT NUMBER: NH 2604(1)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 27 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06b034110.i	

604.412, 604.415 OR 604.418 REHAB.
Dis. CBS OR MHS, CLASS I, II OR III

STA. 137+64, RT
STA. 138+64, RT
STA. 139+64, RT
STA. 140+58, RT
STA. 141+67, RT
STA. 142+59, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 138+79, LT
STA. 141+08, RT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 137+44, RT
STA. 139+44, RT
STA. 140+84, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

STA. 137+00 TO 143+00, SOLID LT & RT
STA. 137+00 TO 141+62, DASHED RT
STA. 141+62 TO 143+00, SOLID RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

STA. 137+00 TO 143+00, SOLID LT & RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 141+66, RT - "ONLY"
STA. 142+31, RT - ARROW
STA. 142+93, RT - "ONLY"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 137+00 TO 143+00, SOLID LT & RT
STA. 137+00 TO 141+62, DASHED RT
STA. 141+62 TO 143+00, SOLID RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 137+00 TO 143+00, SOLID LT & RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

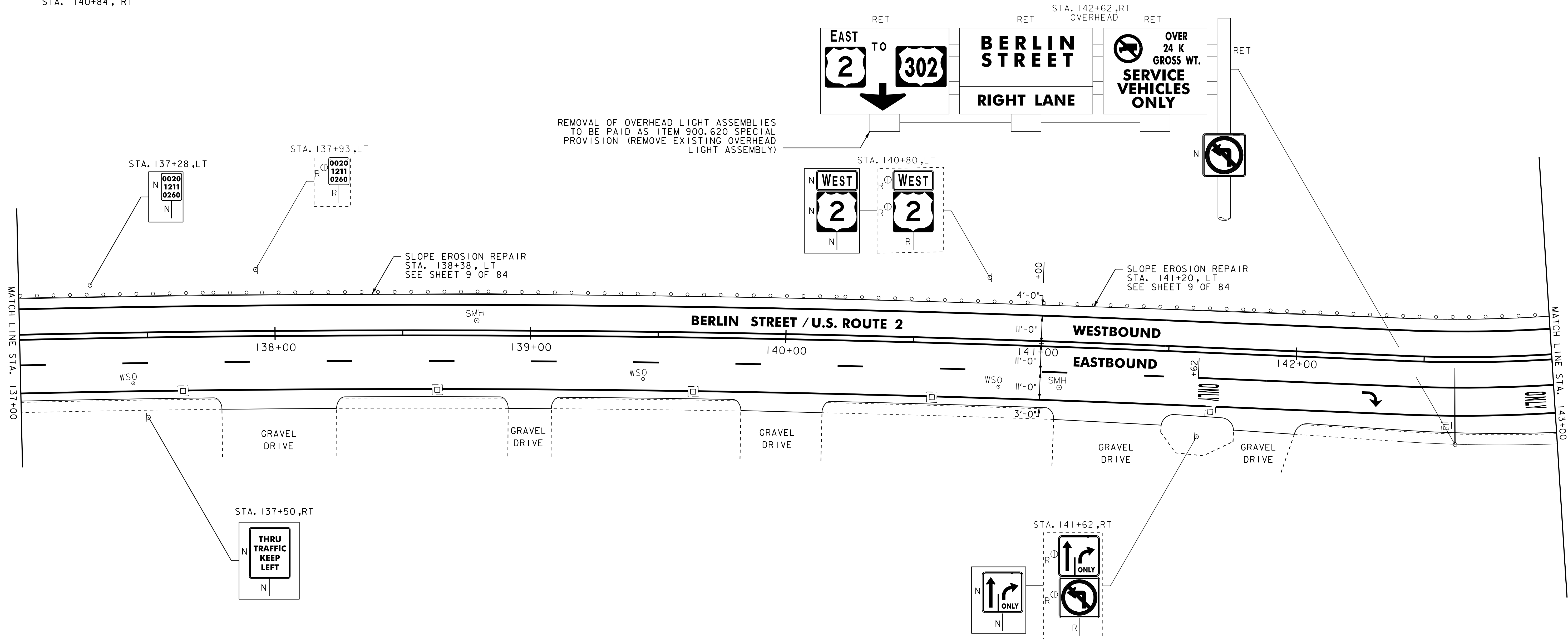
STA. 141+66, RT - ARROW

675.50 REMOVING SIGNS (TYPE A)

AS SHOWN - 5

900.620 SPECIAL PROVISION (REMOVE EXISTING OVERHEAD LIGHT ASSEMBLY)

STA. 142+62, RT



REMOVAL OF OVERHEAD LIGHT ASSEMBLIES
TO BE PAID AS ITEM 900.620 SPECIAL
PROVISION (REMOVE EXISTING OVERHEAD
LIGHT ASSEMBLY)

- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #11

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 14:08
PROJECT NUMBER: NH 2604(1)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 28 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06b034i11.i	

604.412, 604.415 OR 604.418 REHAB.
DIS, CBS OR MHS, CLASS I, II OR III

STA. 144+00, RT
STA. 145+12, RT
STA. 146+92, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 143+60, LT
STA. 143+68, RT
STA. 144+10, RT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 143+93 TO STA. 144+33, RT
STA. 144+16 TO STA. 144+29, LT
STA. 145+05 TO STA. 145+24, RT
STA. 145+24 TO STA. 145+34, RT
STA. 145+78 TO STA. 145+93, RT
STA. 146+18 TO STA. 146+35, RT

616.41 REMOVAL OF EXISTING CURB

STA. 143+93 TO STA. 144+33, RT
STA. 144+16 TO STA. 144+29, LT
STA. 145+05 TO STA. 145+24, RT
STA. 145+24 TO STA. 145+34, RT
STA. 145+78 TO STA. 145+93, RT
STA. 146+18 TO STA. 146+35, RT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 143+93 TO STA. 144+33, RT
STA. 144+16 TO STA. 144+29, LT
STA. 145+05 TO STA. 145+24, RT
STA. 145+24 TO STA. 145+34, RT
STA. 145+78 TO STA. 145+93, RT
STA. 146+18 TO STA. 146+35, RT

618.30 DETECTABLE WARNING SURFACE

STA. 144+13, RT
STA. 144+16, LT
STA. 145+15, RT 145+18, RT
STA. 145+27, RT 145+28, RT
STA. 145+90, RT 145+86, RT
STA. 146+23, RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 144+18 TO STA. 144+22, LT
STA. 144+50 TO STA. 144+50, LT
621.60 ANCHOR FOR STEEL BEAM RAIL

STA. 144+22, LT
STA. 144+50, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 144+18 TO STA. 144+22, LT
STA. 144+50 TO STA. 144+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 143+00 TO 148+00, SOLID LT & RT
STA. 143+00 TO 143+67, SOLID RT
STA. 143+80, DOUBLE SOLID RT (BERLIN STREET)
STA. 144+30, DOUBLE SOLID LT (GRANITE STREET)
STA. 146+20, SOLID RT (SLIP RAMP)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 143+00 TO 143+67, SOLID LT & RT
STA. 143+80, DOUBLE SOLID RT (BERLIN STREET)
STA. 146+20, SOLID RT (SLIP RAMP)
STA. 144+66 TO 148+00, SOLID LT & RT

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC

STA. 144+66 TO 145+25, SOLID DIAGONALS RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

STA. 143+67, RT
STA. 144+30, LT (GRANITE STREET)
STA. 144+66, LT
STA. 145+40, RT (BERLIN STREET)
STA. 146+10, RT (SLIP RAMP)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 143+57, RT - ARROW
STA. 146+03, RT - "STOP"

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC

STA. 144+10, LT TO 144+25, RT
STA. 145+25, RT (BERLIN STREET)
STA. 146+10, RT (SLIP RAMP)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 143+00 TO 148+00, SOLID LT & RT
STA. 143+00 TO 143+67, SOLID RT
STA. 143+80, DOUBLE SOLID RT (BERLIN STREET)
STA. 144+30, DOUBLE SOLID LT (GRANITE STREET)
STA. 146+20, RT (SLIP RAMP)

STA. 144+75, LT - ARROW - "ONLY"
STA. 145+50, LT - ARROW - "ONLY"

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 143+00 TO 143+67, SOLID LT & RT
STA. 143+80, DOUBLE SOLID RT (BERLIN STREET)
STA. 146+20, SOLID RT (SLIP RAMP)
STA. 144+66 TO 148+00, SOLID LT & RT

646.642 TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 144+66 TO 145+25, SOLID DIAGONALS RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

STA. 143+67, RT
STA. 144+30, LT (GRANITE STREET)
STA. 144+66, LT
STA. 145+40, RT (BERLIN STREET)
STA. 146+10, RT (SLIP RAMP)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 143+57, RT - ARROW

646.702 TEMPORARY CROSSWALK MARKING, PAINT

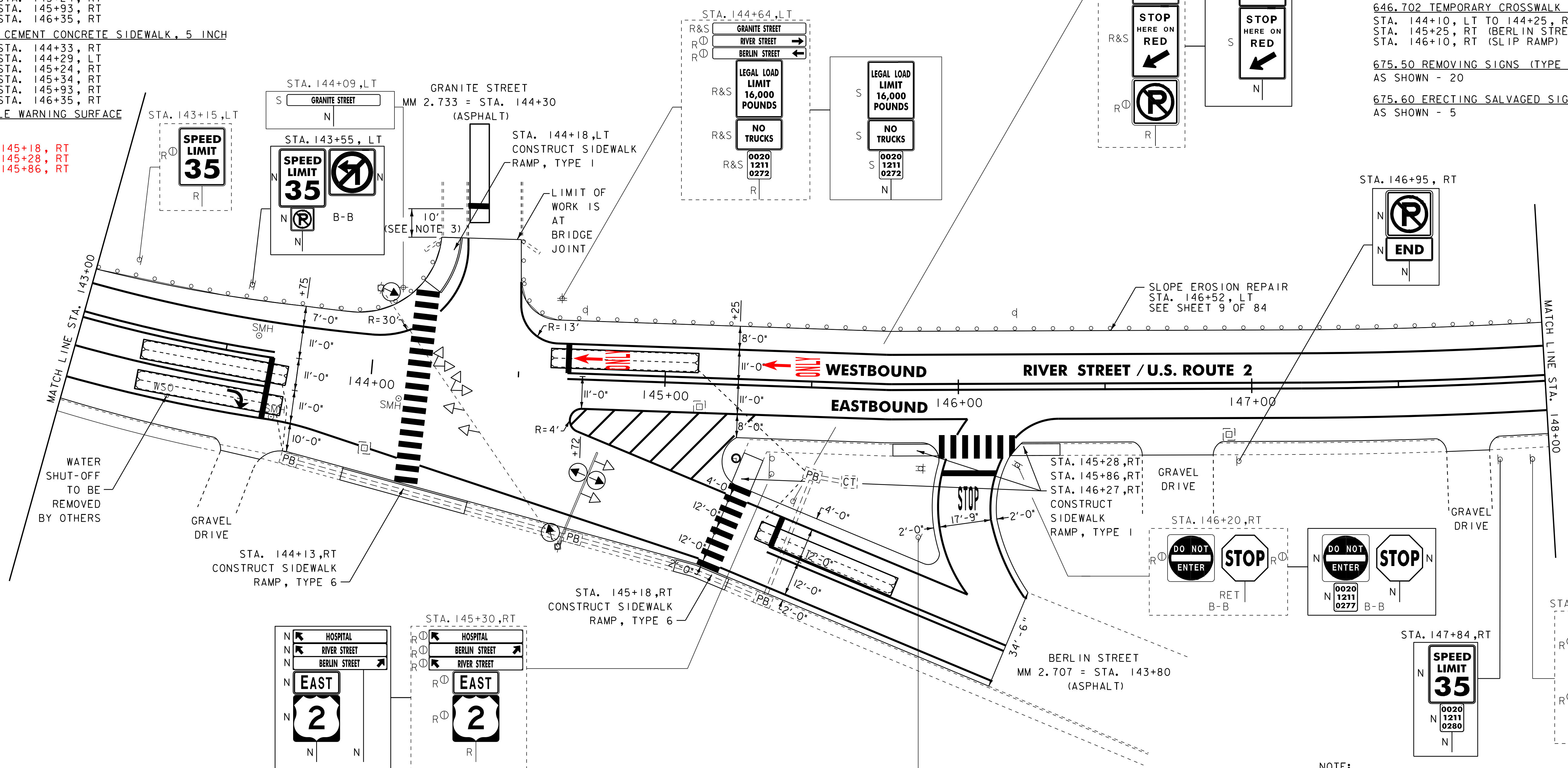
STA. 144+10, LT TO 144+25, RT
STA. 145+25, RT (BERLIN STREET)
STA. 146+10, RT (SLIP RAMP)

675.50 REMOVING SIGNS (TYPE A)

AS SHOWN - 20

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 5



- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 3. PLACE NEW STOP BAR (GRANITE STREET) 10 FEET BACK FROM BRIDGE JOINT.

NOT TO SCALE

PROJECT LAYOUT SHEET #12



PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 14:08
PROJECT NUMBER: NH 2604(I)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 29 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06b034i12.i	

604.412, 604.415 OR 604.418 REHAB,
 DIS, CBS OR MHS, CLASS I, II OR III
 STA. 148+70, RT
 STA. 150+87, RT
 STA. 152+72, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 STA. 149+79, RT
 STA. 152+24, RT

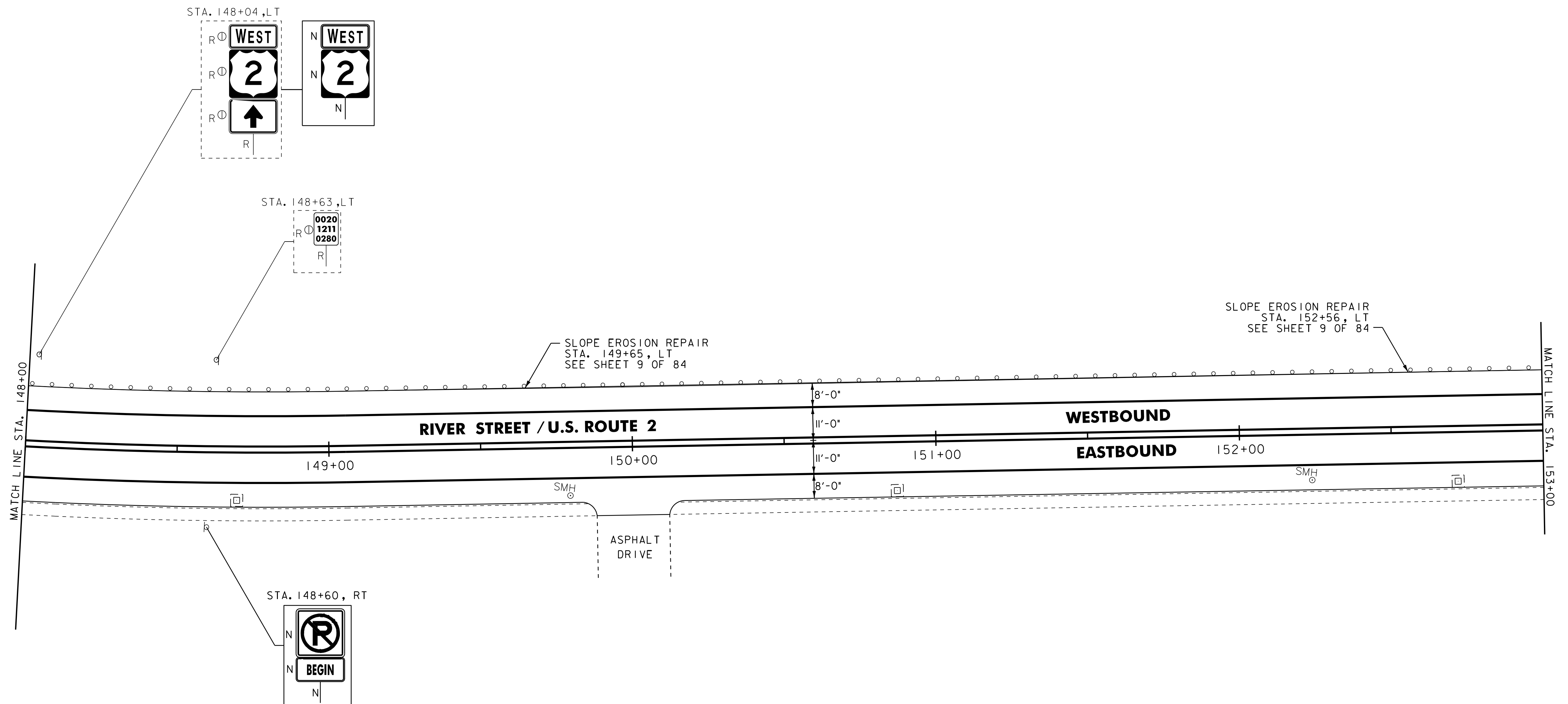
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 STA. 148+00 TO 153+00, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 STA. 148+00 TO 153+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 STA. 148+00 TO 153+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 STA. 148+00 TO 153+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)
 AS SHOWN -4



- NOTE:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #13

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(1)

FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034i13.i

PLOT DATE: 03-AUG-2011 14:08
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 30 OF 84

604.412, 604.415 OR 604.418 REHAB.
DIS, CBS OR MHS, CLASS I, II OR III
STA. 155+74, RT
STA. 157+14, RT
STA. 158+49, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 158+36, RT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 157+85 TO STA. 158+10, RT
STA. 158+53 TO STA. 158+66, RT

616.41 REMOVAL OF EXISTING CURB
STA. 157+85 TO STA. 158+10, RT
STA. 158+53 TO STA. 158+66, RT

618.30 DETECTABLE WARNING SURFACE
STA. 158+02, RT
STA. 158+60, RT

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 157+85 TO STA. 158+10, RT
STA. 158+53 TO STA. 158+66, RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 158+61.5 TO STA. 158+74.0, LT

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 158+74, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 158+61.5 TO STA. 158+74.0, LT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 158+67, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 153+00 TO 159+00, SOLID LT & RT
STA. 158+51, DOUBLE SOLID RT (PHELPS STREET)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 153+00 TO 159+00, SOLID LT & RT
STA. 158+51, DOUBLE SOLID RT (PHELPS STREET)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 158+45, RT (PHELPS STREET)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 158+45, RT - "STOP" (PHELPS STREET)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
STA. 158+39, RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 153+00 TO 159+00, SOLID LT & RT
STA. 158+51, DOUBLE SOLID RT (PHELPS STREET)

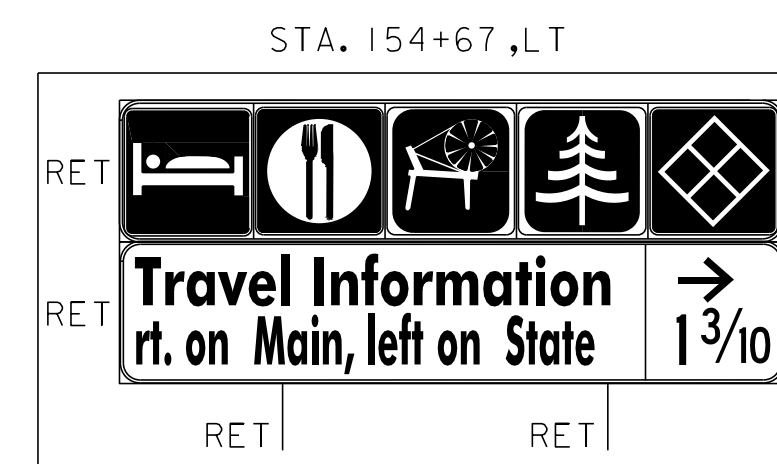
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 153+00 TO 159+00, SOLID LT & RT
STA. 158+51, DOUBLE SOLID RT (PHELPS STREET)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 158+45, RT (PHELPS STREET)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 158+39, RT

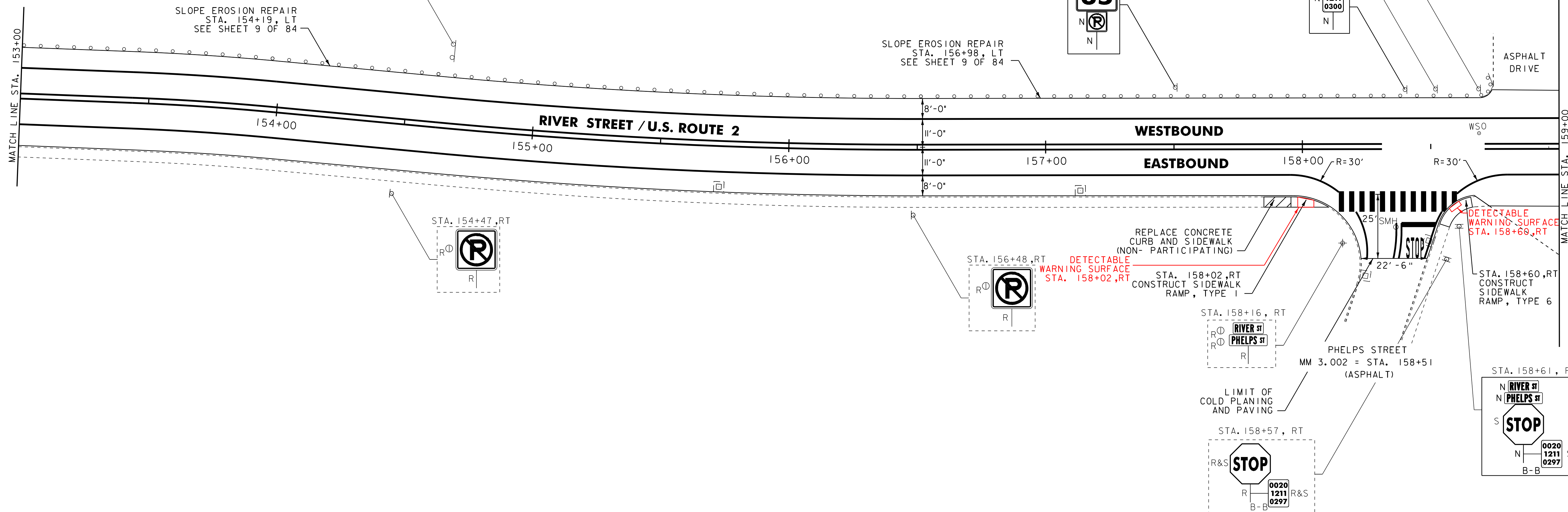
675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



SLOPE EROSION REPAIR
STA. 154+19, LT
SEE SHEET 9 OF 84

SLOPE EROSION REPAIR
STA. 156+98, LT
SEE SHEET 9 OF 84



- NOTE:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #14

PROJECT NAME: MONTPELIER	FILE NAME: p06b034.dgn	PLOT DATE: 03-AUG-2011 14:08
PROJECT NUMBER: NH 2604(1)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: MCF	CHECKED BY: JLL
	IPARM FILE: p06b034114.i	SHEET 31 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis. CBs OR MHS, CLASS I, II OR III

STA. 159+75, RT
STA. 161+00, RT
STA. 161+52, LT
STA. 161+66, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 163+89, RT
STA. 164+28, RT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 160+85, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 159+00 TO 165+00, SOLID LT & RT

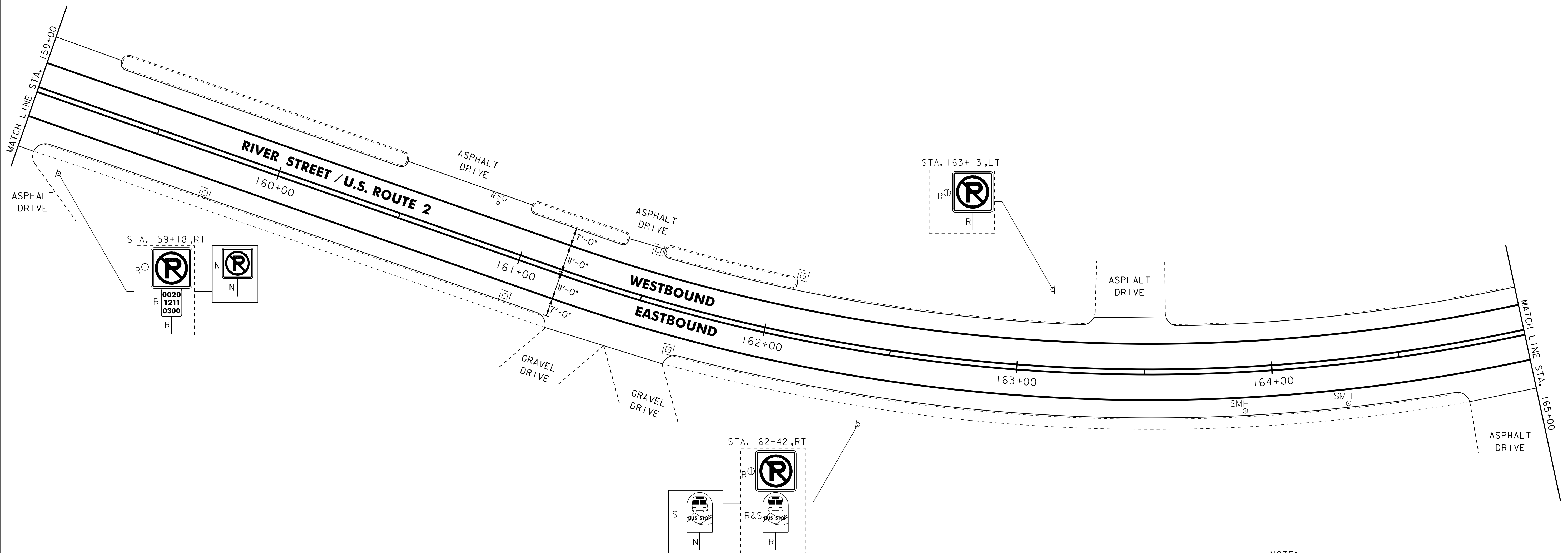
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 159+00 TO 165+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 159+00 TO 165+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 159+00 TO 165+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #15**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i15.i

PLOT DATE: 03-AUG-2011 4:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 32 OF 84

604.412, 604.415 OR 604.418 REHAB.
DIS, CBS OR MHS, CLASS I, II OR III

STA. 165+85, LT
STA. 166+89, RT
STA. 166+89, LT
STA. 167+78, RT
STA. 169+19, RT
STA. 169+47, RT
STA. 169+50, RT
STA. 169+70, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 169+26, RT
STA. 169+33, RT
STA. 169+43, RT
STA. 169+68, LT
STA. 170+67, RT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 169+37, LT
STA. 169+39, LT
STA. 169+42, RT
STA. 169+44, LT
STA. 170+61, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 165+00 TO 171+00, SOLID LT & RT
STA. 169+43, DOUBLE SOLID RT (WHEELLOCK ST)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 165+00 TO 171+00, SOLID LT & RT
STA. 169+43, DOUBLE RT (WHEELLOCK STREET)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 169+44, RT (WHEELLOCK STREET)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 169+44, RT - "STOP"

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
STA. 169+40, RT

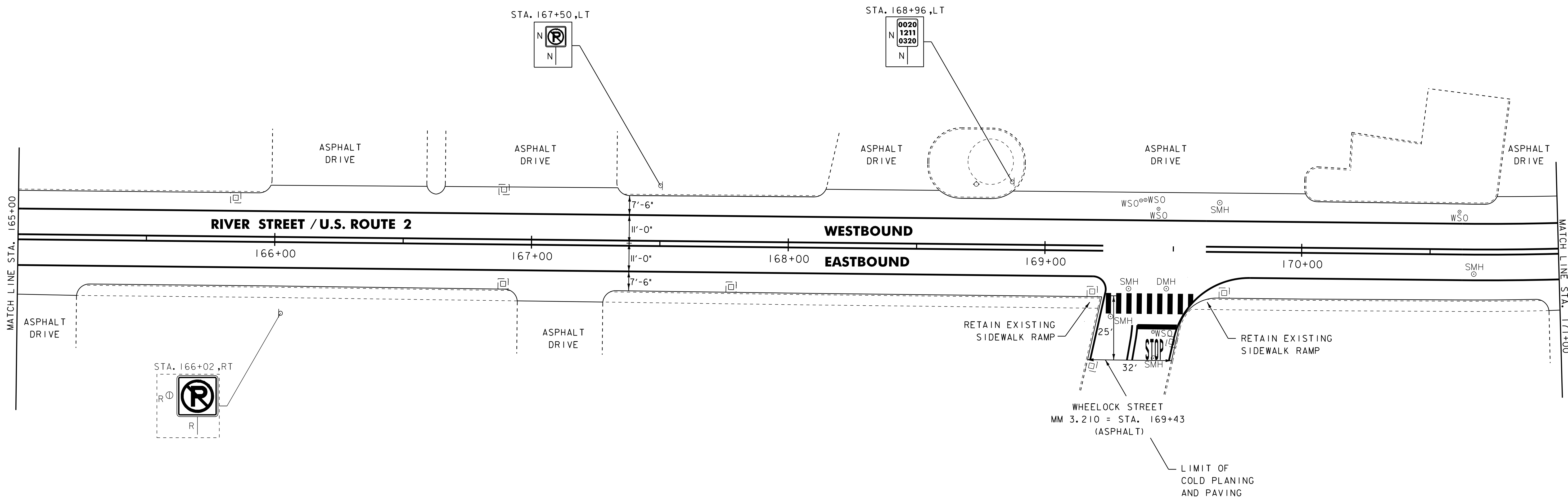
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 165+00 TO 171+00, SOLID LT & RT
STA. 169+43, DOUBLE SOLID RT (WHEELLOCK ST)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 165+00 TO 171+00, SOLID LT & RT
STA. 169+43, DOUBLE RT (WHEELLOCK STREET)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 169+44, RT (WHEELLOCK STREET)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 169+40, RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 1



NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE
RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #16**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(1)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034116.i

PLOT DATE: 03-AUG-2011 14:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 33 OF 84

604.412, 604.415 OR 604.418 REHAB,
DIS, CBS OR MHS, CLASS I, II OR III

STA. 171+28, RT
STA. 172+28, RT
STA. 173+04, RT
STA. 174+04, RT
STA. 174+63, RT
STA. 174+63, LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 172+40, RT
STA. 173+67, RT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 176+20, LT
STA. 176+21, LT
STA. 176+22, LT
STA. 176+22, LT
STA. 176+35, LT
STA. 176+51, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 171+00 TO 177+00, SOLID LT & RT
STA. 175+00 TO 177+00, DOTTED RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

STA. 171+00 TO 177+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

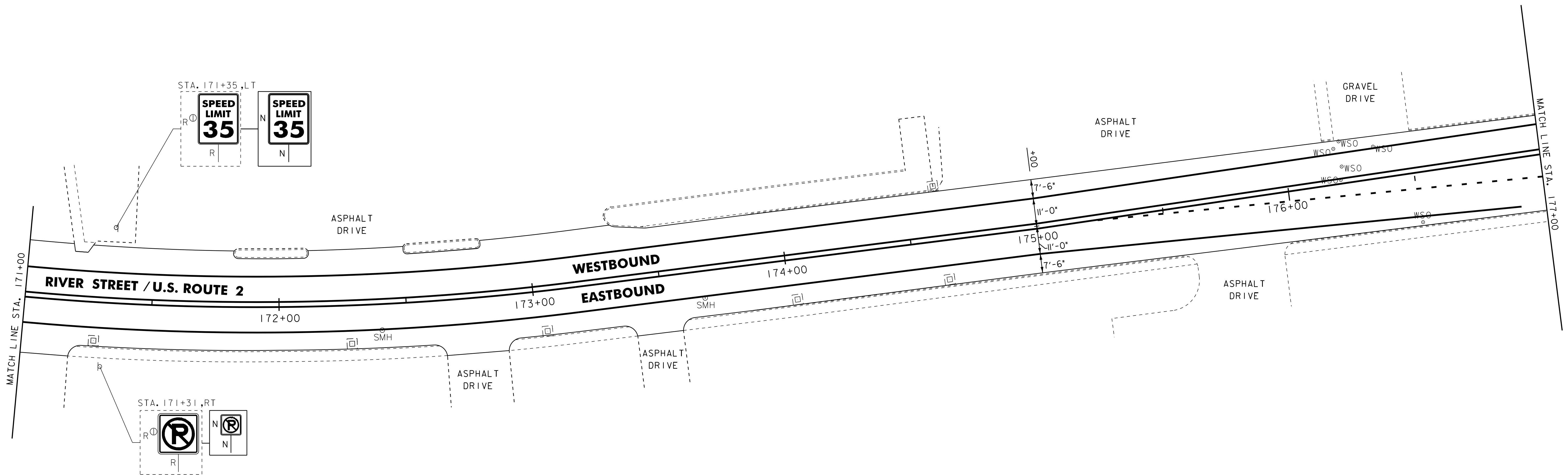
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 171+00 TO 177+00, SOLID LT & RT
STA. 175+00 TO 177+00, DOTTED RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 171+00 TO 177+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)

AS SHOWN - 2



NOTE:

- FOR LEGENDS, SEE LAYOUT SHEET #1.
- ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #17**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i17.i

PLOT DATE: 03-AUG-2011 14:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 34 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis. CBs OR MHs, CLASS I, II OR III
STA. 177+04, RT
STA. 178+56, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 177+36, RT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 177+35, LT
STA. 177+38, LT
STA. 177+45, LT
STA. 177+47, LT
STA. 177+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 177+00 TO 179+62.56, SOLID LT & RT
STA. 177+00 TO 177+49, DOTTED RT
STA. 177+49 TO 179+62.56 SOLID RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 177+00 TO 179+62.56, DOUBLE SOLID LT
STA. 177+41, DOUBLE SOLID RT (SCRIBNER STREET)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 177+41, RT (SCRIBNER STREET)
STA. 179+61, LT & RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 177+41, RT - "STOP"
STA. 177+53, C - "ONLY"
STA. 177+93, C - ARROW
STA. 179+12, C - "ONLY"
STA. 179+52, C - ARROW

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
STA. 177+34, RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE
BREAKS AND RADIUS FOR SIDE ROADS)
STA. 177+00 TO 179+62.56, SOLID LT & RT
STA. 177+00 TO 177+79, DOTTED RT
STA. 177+49 TO 179+62.56 SOLID RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 177+00 TO 179+62.56, DOUBLE SOLID LT
STA. 177+41, DOUBLE SOLID RT (SCRIBNER STREET)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 177+41, RT (SCRIBNER STREET)
STA. 179+61, LT & RT

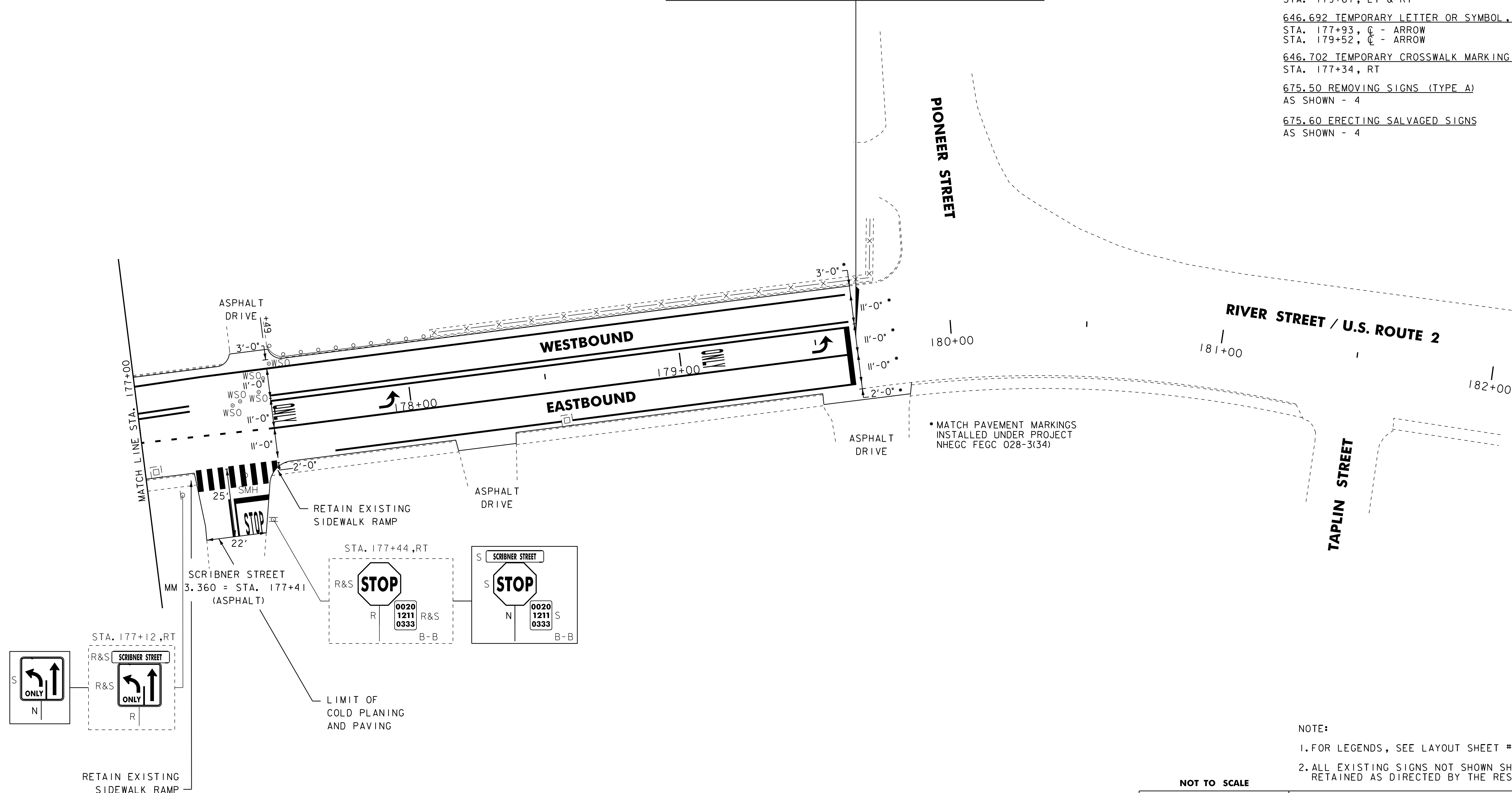
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 177+93, C - ARROW
STA. 179+52, C - ARROW

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 177+34, RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4

**STOP NH 2604(1)S U.S. ROUTE 2
MONTPELIER CITY STA. 179+62.56 = MM 3.402**



- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

**PROJECT
LAYOUT
SHEET #18**



PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(1)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034i18.i

PLOT DATE: 03-AUG-2011 14:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 35 OF 84

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 221+2.64 TO STA. 224+00, SOLID LT & RT
 STA. 221+72, DOUBLE SOLID LT (COUNTRY CLUB ROAD)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 221+2.64 TO STA. 224+00, SOLID LT & RT (LANE LINE)
 STA. 221+2.64 TO STA. 224+00, DASHED LT & RT (LANE LINE)
 STA. 221+72, DOUBLE SOLID LT (COUNTRY CLUB ROAD)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
 STA. 221+72, LT (COUNTRY CLUB ROAD)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA. 221+72, LT - 'STOP' (COUNTRY CLUB ROAD)
 STA. 222+43, C - ARROW
 STA. 222+67, C - ARROW
 STA. 223+93, C - ARROW

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 221+2.64 TO STA. 224+00, SOLID LT & RT
 STA. 221+72, DOUBLE SOLID LT (COUNTRY CLUB ROAD)

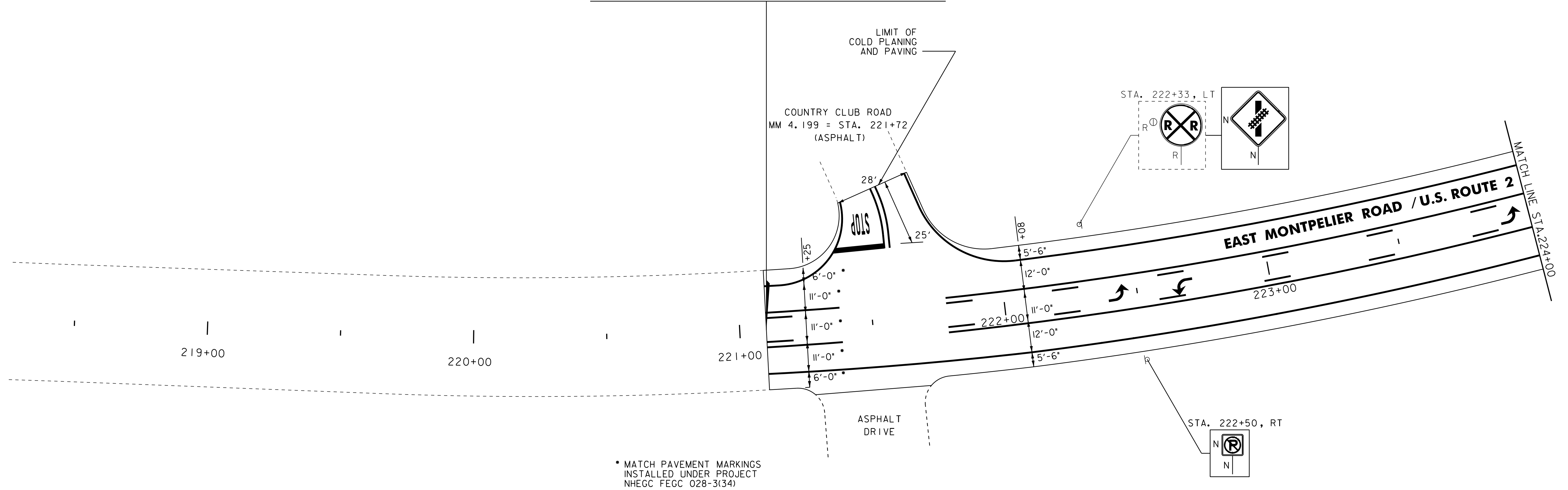
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 221+2.64 TO STA. 224+00, SOLID LT & RT (LANE LINE)
 STA. 221+2.64 TO STA. 224+00, DASHED LT & RT (LANE LINE)
 STA. 221+72, DOUBLE SOLID LT (COUNTRY CLUB ROAD)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 221+72, LT (COUNTRY CLUB ROAD)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 222+43, C - ARROW
 STA. 222+67, C - ARROW
 STA. 223+93, C - ARROW

675.50 REMOVING SIGNS (TYPE A)
 AS SHOWN - 1

**RESUME NH 2604(1)S U.S. ROUTE 2
 MONTPELIER CITY STA. 221+12.64 = MM 4.188**



• MATCH PAVEMENT MARKINGS
 INSTALLED UNDER PROJECT
 NHEGC FEFC 028-3(34)

NOTE:
 1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE
 RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



**PROJECT
 LAYOUT
 SHEET #19**

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: NH 2604(1)

FILE NAME: p06b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06b034i19.i

PLOT DATE: 03-AUG-2011 4:09
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 36 OF 84

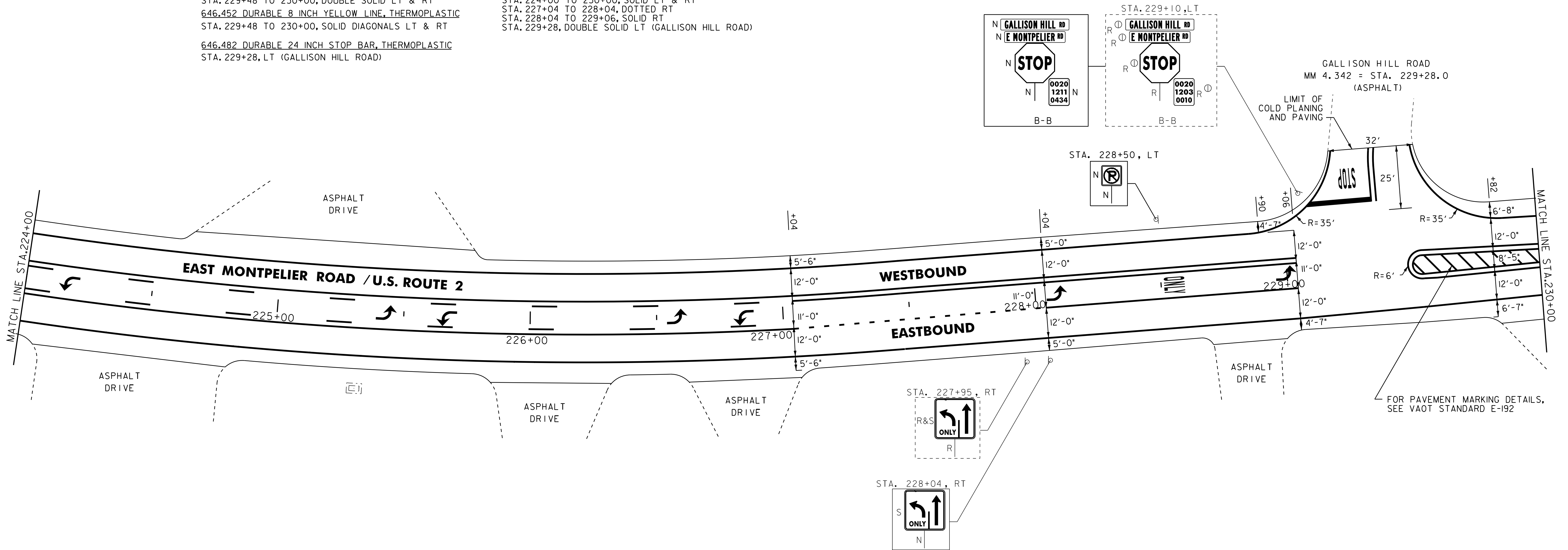
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 224+00 TO 230+00, SOLID LT & RT
 STA. 227+04 TO 228+04, DOTTED RT
 STA. 228+04 TO 229+06, SOLID RT
 STA. 229+28, DOUBLE SOLID LT (GALLISON HILL ROAD)
 646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 224+00 TO 227+04, SOLID LT & RT
 STA. 224+00 TO 227+04, DASHED LT & RT
 STA. 227+04 TO 229+06, DOUBLE SOLID LT
 STA. 229+28, DOUBLE SOLID LT (GALLISON HILL ROAD)
 STA. 229+48 TO 230+00, DOUBLE SOLID LT & RT
 646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
 STA. 229+48 TO 230+00, SOLID DIAGONALS LT & RT
 646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
 STA. 229+28, LT (GALLISON HILL ROAD)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA. 224+17, C - ARROW
 STA. 225+43, C - ARROW
 STA. 225+67, C - ARROW
 STA. 226+58, C - ARROW
 STA. 226+82, C - ARROW
 STA. 228+08, C - ARROW
 STA. 228+55, C - "ONLY"
 STA. 229+00, C - ARROW
 STA. 229+28, LT - "STOP" (GALLISON HILL ROAD)
 646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE AND LANE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 224+00 TO 230+00, SOLID LT & RT
 STA. 227+04 TO 228+04, DOTTED RT
 STA. 228+04 TO 229+06, SOLID RT
 STA. 229+28, DOUBLE SOLID LT (GALLISON HILL ROAD)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 224+00 TO 227+04, SOLID LT & RT
 STA. 224+00 TO 227+04, DASHED LT & RT
 STA. 227+04 TO 229+06, DOUBLE SOLID LT
 STA. 229+28, DOUBLE SOLID LT (GALLISON HILL ROAD)
 STA. 229+48 TO 230+00, DOUBLE SOLID LT & RT
 646.652 TEMPORARY 8 INCH YELLOW LINE, PAINT
 STA. 229+48 TO 230+00, SOLID DIAGONALS LT & RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 229+28, LT (GALLISON HILL ROAD)
 646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 224+17, C - ARROW
 STA. 225+43, C - ARROW
 STA. 225+67, C - ARROW
 STA. 226+58, C - ARROW
 STA. 226+82, C - ARROW
 STA. 228+08, C - ARROW
 STA. 229+00, C - ARROW

675.50 REMOVING SIGNS (TYPE A)
 AS SHOWN - 5
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 1



NOTE:
 1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



PROJECT LAYOUT SHEET #20

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 4:09
PROJECT NUMBER: NH 2604(1)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 37 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06b034120.i	

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 230+00 TO 234+37.92, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 230+00 TO 231+13, DOUBLE SOLID LT & RT
STA. 231+13 TO 234+37.92, SOLID LT & RT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
STA. 230+00 TO 231+13, SOLID DIAGONALS LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 230+00 TO 234+37.92, SOLID LT & RT

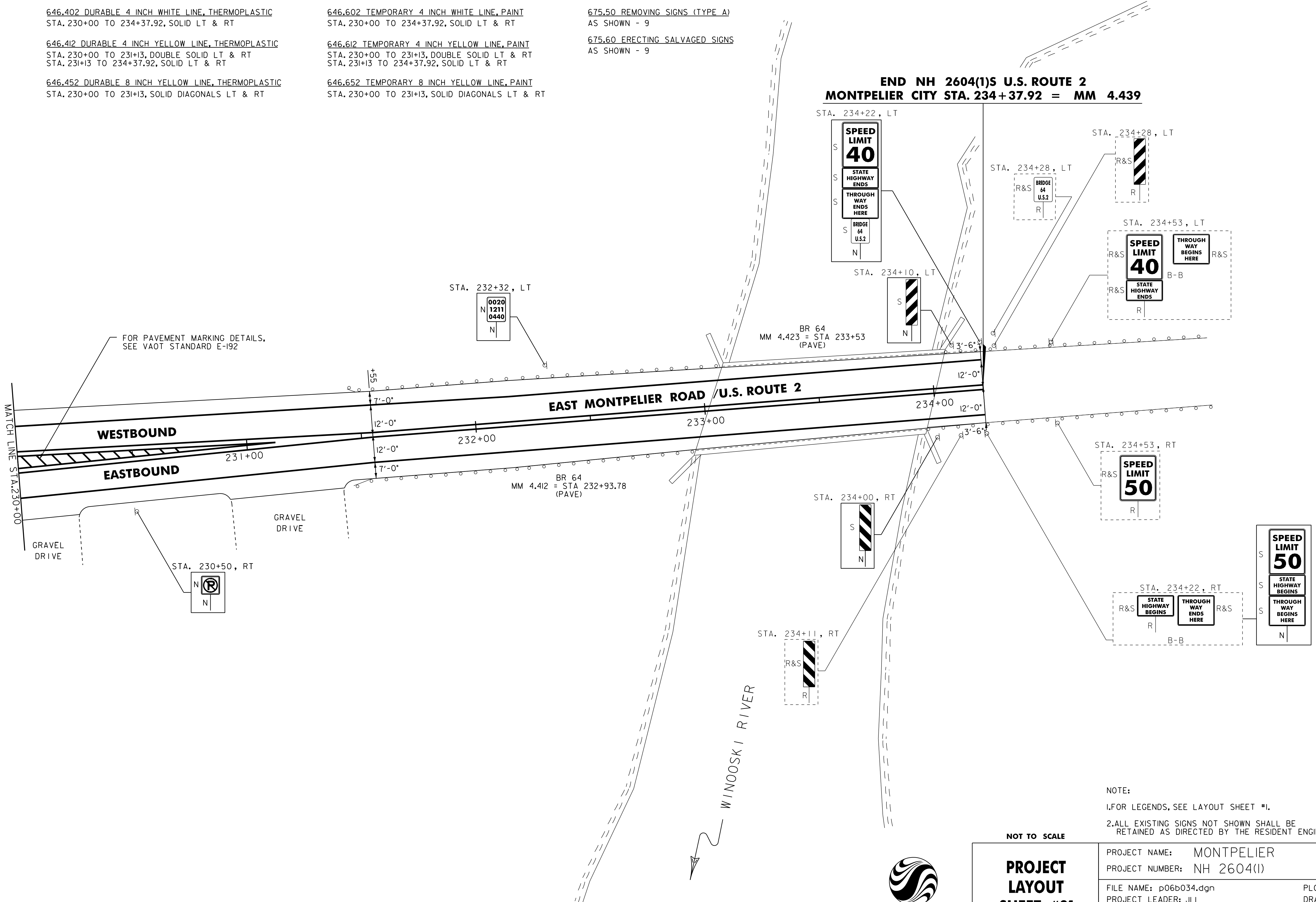
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 230+00 TO 231+13, DOUBLE SOLID LT & RT
STA. 231+13 TO 234+37.92, SOLID LT & RT

646.652 TEMPORARY 8 INCH YELLOW LINE, PAINT
STA. 230+00 TO 231+13, SOLID DIAGONALS LT & RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 9

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 9

**END NH 2604(1)S U.S. ROUTE 2
MONTPELIER CITY STA. 234+37.92 = MM 4.439**



FOR PAVEMENT MARKING DETAILS,
SEE VAOT STANDARD E-192

NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE
RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #21**

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 4:09
PROJECT NUMBER: NH 2604(1)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 38 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06b034i21.i	

TRAFFIC SIGN SUMMARY SHEET 02

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS														REMARKS	SIGN DETAIL			
				"A"	"B"	SALV SIGN	SALV TIS			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
		1.75	2.0							2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT				POST SIZE	
		lb/ft			1.3	1.7	1.7			lb/ft				24"	30"													
46+22, RT		I	30	30	6.25				I				X													SIGN ID CODE VR-923 (MIRRORED)		E-145A
U.S. ROUTE 2																												
86+77, RT		I	6	8	0.3				I				X													SIGN ID CODE VD-70I		E-134
86+00, RT					14.45								X															
87+80, RT		I	30	30	6.25																					SIGN ID CODE SI-1 (MOUNT ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS. PAYMENT FOR BANDS IS INCIDENTAL TO THE SIGNS)	58	E-153
89+4I, LT		I	24	12	2.0																					SIGN ID CODE M3-4		E-136A
		I	24	24	4.0								X													SIGN ID CODE MI-4		E-136A
		I	21	15	2.2																					SIGN ID CODE M5-1		E-136A
		I	6	8	0.3																					SIGN ID CODE VD-70I		E-134
89+50, RT		I	30	30	6.25																					SIGN ID CODE SI-1		E-153
		I	24	12	2.0																					SIGN ID CODE W16-7P		E-152
89+60, LT									I				X													ERECT SALVAGED SIGN ON NEW POST	-	-

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF																									
	31.22		2																										



PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034ts02.i
PLOT DATE: 03-AUG-2011 4:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 40 OF 84

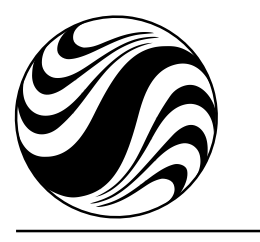
TRAFFIC SIGN SUMMARY SHEET 03

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS															REMARKS	SIGN DETAIL		
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	SQUARE STEEL (in)				TUBULAR ALUMINUM (in)			TUBULAR STEEL (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER	
											1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE				WEIGHT

89+81, LT		I	30	30	6.25				I																	SIGN ID CODE SI-1	E-153		
		I	24	12	2.0																					SIGN ID CODE W16-7P	E-152		
90+20, RT		I	18 R	-	7.1				I																	SIGN ID CODE W10-I	E-190		
90+75, LT		I	36	30	7.5				I																	SIGN ID CODE VR-922	E-145A		
91+00, RT					5.0																								
91+05, RT		I	24	12	2.0				2																	SIGN ID CODE M3-2	E-136A		
		I	24	12	2.0																						SIGN ID CODE M4-5	E-136A	
		I	24	12	2.0																						SIGN ID CODE M4-5	E-135	
		I	24	24	4.0																							SIGN ID CODE MI-4	E-136A
		I	24	24	4.0																							SIGN ID CODE MI-1	E-136B
		I	21	15	2.2																					SIGN ID CODE M4-5	E-136A		
		I	21	15	2.2																					SIGN ID CODE M6-1	E-136A		
		I	24	12	2.0																					SIGN ID CODE M6-1	E-135		
		I	30	24	5.0																						SIGN ID CODE M6-1	E-136B	
		I	21	15	2.2																						SIGN ID CODE M6-1	E-136A	
91+77, RT		I	30	30	6.25				I																	SIGN ID CODE RI-1	E-143		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF																								
	60.70	65.70	+	2																								



PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss03.i

PLOT DATE: 03-AUG-2011 4:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 41 OF 84

TRAFFIC SIGN SUMMARY SHEET 05

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL			
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				FRUSTRATED SIGN		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
												1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT					POST SIZE	
												lb/ft			lb/ft				lb/ft				24"	30"							
94+93, RT		I	24	12	2.0					I			X																SIGN ID CODE M3-2	E-136A	
		I	24	24	4.0																								SIGN ID CODE MI-4	E-136A	
95+04, RT		I	6	10	0.4					I			X																	E-138	
95+40, LT		I	24	12	2.0					2																			SIGN ID CODE M4-5	E-135	
		I	24	12	2.0																									SIGN ID CODE M3-4	E-136A
		I	24	24	4.0									X																SIGN ID CODE MI-1	E-135
		I	24	24	4.0																									SIGN ID CODE MI-4	E-136A
		I	21	15	2.2																								SIGN ID CODE M6-3	E-135	
		I	21	15	2.2																								SIGN ID CODE M6-1	E-136A	
96+43, LT		I	30	30	6.25					I			X																SIGN ID CODE VR-921	E-145A	
96+88, RT		I	24	30	5.0					I			X																SIGN ID CODE R2-1	E-142	
97+55, LT					6.25					I			X																ERECT SALVAGED SIGN ON NEW POST	-	
100+49, RT		I	24	30	5.0					I				X	X														SIGN ID CODE VR-118R	E-142	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS *SIGN POST DESIGN GUIDELINE.*

TOTALS	SF	SF	EA.	SF																														
	39.05																																	
	45.3																																	



PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss05.i
PLOT DATE: 03-AUG-2011 4:09
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 43 OF 84

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL		
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL		FRUIT REEDED	DETAIL ON SHEET NUMBER		STD. SHEET NUMBER		
												1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	24"					30"	WEIGHT
115+88, LT		I	36	30	7.5					I		X			X													SIGN ID CODE VR-922 (MIRRORED)	
116+72, RT										I		X			X												ERECT SALVAGED SIGNS 90 DEGREES TO EACH OTHER ON NEW POST	-	-
116+83, LT		I	6	10	6.25		+			I		X			X												ERECT SALVAGED SIGN ABOVE NEW SIGN ON NEW POST	-	-
117+14, RT		I	12	12	1.0					I		X			X												SIGN ID CODE R8-3A		E-143
117+61, LT										I		X			X												ERECT SALVAGED SIGNS ON NEW POST	-	-
118+14, LT					10.4					2		X																	
118+14, RT		I	24	12	2.0					I				X	X												SIGN ID CODE M3-2		E-136A
		I	24	24	4.0																						SIGN ID CODE MI-4		E-136A
		I	24	12	2.0																						SIGN ID CODE		
		I	30	24	5.0																						SIGN ID CODE		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF								FT	EA.	LB	EA.	LB	EA.	EA.	LB
	21.90		5									93							
	38.55		4									77.8							



PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss10.i

PLOT DATE: 03-AUG-2011 4:10
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 48 OF 84

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL								
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)						TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			FRUSTRATED SIGN	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
												1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ACTION	3.0	3.5	4.0	5.0	FTG. SIZE						WEIGHT	POST SIZE				
												lb/ft					1.3	1.7	1.7		lb/ft				24"	30"										
1.88	2.16	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6																											
124+00, LT		1	21	15	2.2					1																							SIGN ID CODE M2-1	E-136B		
		1	24	24	4.0																													E-136B		
124+95, RT		1	30	30	6.25					1																							SIGN ID CODE VR-921	E-145A		
126+72, LT		1	6	10	0.4					1																								E-138		
133+00, LT		1	12	12	1.0					1																							SIGN ID CODE R8-3A	E-143		
134+92, RT		1	30	9	1.88					1																								E-123		
		1	24	9	1.5																													E-123		
		1	30	30	6.25																														E-143	
		1	6	10	0.4																														E-138	
135+50, RT		1	12	12	1.0					1																								SIGN ID CODE R8-3A	E-143	
136+40, RT		1	24	12	2.0					1																									SIGN ID CODE M3-2	E-136A
		1	24	24	4.0																														SIGN ID CODE MI-4	E-136A
		1	24	18	3.0																														58	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS *SIGN POST DESIGN GUIDELINE.*

TOTALS	SF	SF	EA.	SF																																
	33.88																																			

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss12.i

PLOT DATE: 03-AUG-2011 4:10
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 50 OF 84

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS															REMARKS	SIGN DETAIL								
					"A"	"B"	SALV SIGN	SALV TIS	RETA IN	SALV AGE	NO. OF POSTS	SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL					DETAIL ON SHEET NUMBER	STD. SHEET NUMBER							
		1.75	2.0	2.5								3.0	4.0	4.0 MOD	FOUND-ATION		3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE											
		lb/ft										lb/ft					lb/ft				24"	30"													
EA	WIDTH (in)	HEIGHT (in)																																	
137+28, LT		I	6	10	0.4					I			X			X																	E-138		
137+50, RT		I	24	30	5.0					I			X			X																SIGN ID CODE VR-I18L	E-142		
138+50, RT					11.25								X																						
140+80, LT		I	24	12	2.0					I			X			X																	SIGN ID CODE M3-4 SIGN ID CODE MI-4	E-136A E-136A	
139+50, RT					5.0								X																						
141+62, RT		I	30	30	6.25					I			X			X																	SIGN ID CODE VR-92I	E-145A	
140+15, LT					9.0								X																						
142+62, RT		I	30	30	6.25								X																				MOUNT SIGN ON POLE	E-143	
143+55, LT		I	24	30	5.0					I			X			X																	SIGN ID CODE R2-1 SIGN ID CODE SIGN ID CODE R8-3A	E-142 E-143 E-143	
144+09, LT										I			X			X																		ERECT SALVAGED SIGN ON NEW POST	-

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF																																
	33.90		I																																	
	59.15																																			

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss13.i

PLOT DATE: 03-AUG-2011 4:10
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 51 OF 84

TRAFFIC SIGN SUMMARY SHEET 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS														REMARKS	SIGN DETAIL			
					"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
		1.75	2.0	2.5								3.0	4.0	4.0 MOD	FOUND-ATION		3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
		lb/ft			lb/ft					lb/ft				24"	30"														
159+18, RT		1	12	12	5.0 1.0					1			X			X											SIGN ID CODE R8-3A		E-143
162+42, RT										1			X			X											ERECT SALVAGED SIGN ON NEW POST	-	-
167+50, LT		1	12	12	1.0 5.0					1			X			X											SIGN ID CODE R8-3A		E-143
168+96, LT		1	6	10	0.4					1			X			X													E-138
169+43, RT					6.45								X																
171+31, RT		1	12	12	5.0 1.0					1			X			X											SIGN ID CODE R8-3A		E-143
175+00, RT					6.5								X																
171+35, LT		1	24	30	5.0					1			X			X											SIGN ID CODE R2-1		E-142
174+00, LT					5.0								X																
177+12, RT					6.25					1			X			X											MOUNT SALVAGED SIGN ON NEW POST	-	-
177+75, RT					11.25								X																
177+44, RT										1				X		X											INSTALL STREET SIGN 90 DEGREES AND 6" ABOVE THE SALVAGED STOP SIGN. MOUNT SALVAGED MILE MARKER PLAQUE BACK-TO-BACK WITH STOP SIGN	-	-



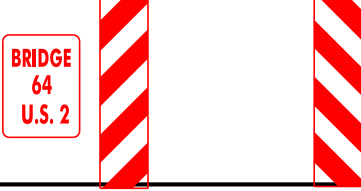



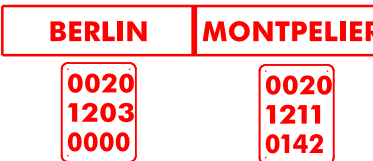

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS SIGN POST DESIGN GUIDELINE.*

TOTALS	SF	SF	EA.	SF		FT	EA.	LB	EA.	LB	EA.	EA.	LB
	8.40		5			122							
	58.85		6			114.8							



PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss16.i
PLOT DATE: 03-AUG-2011 4:10
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 54 OF 84

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS														REMARKS	SIGN DETAIL				
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0				FTG. SIZE	WEIGHT	POST SIZE
230+50, RT		1	12	12	1.0				1				X			X										SIGN ID CODE R8-3A	-	E-143	
232+32, LT		1	6	10	0.4				1				X			X												E-138	
232+90, RT 233+00, LT					3.0 3.0							X X			X X														
234+00, RT					3.0		+		1				X			X										MOUNT SALVAGED SIGN ON NEW POST	-	-	
234+20, RT					0.83																								
234+10, LT					3.0		+		1				X			X										MOUNT SALVAGED SIGN ON NEW POST	-	-	
234+10, RT													X X			X X													
234+22, LT					12.0		+		1						X	X										MOUNT SALVAGED SIGNS ON NEW POST OFFSET 2 FEET FURTHER LEFT THAN SALVAGED OBJECT MARKER AT STA. 234+10, LT	-	-	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS *SIGN POST DESIGN GUIDELINE.*

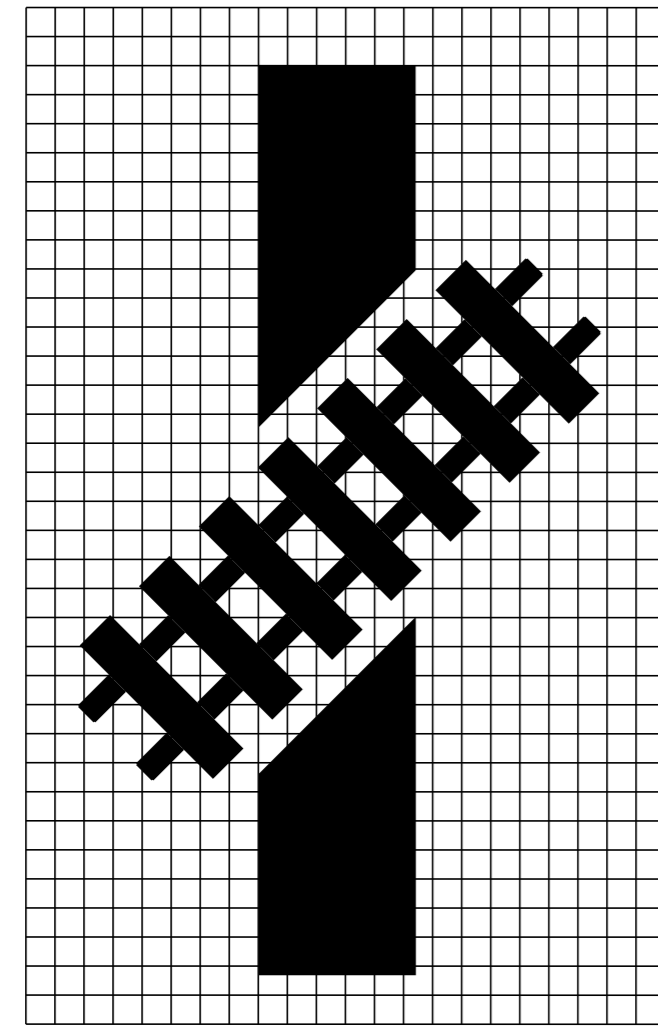
TOTALS	SF	SF	EA.	SF			FT	EA.	LB	EA.	LB
	1.40 26.23		6 0				80 115				



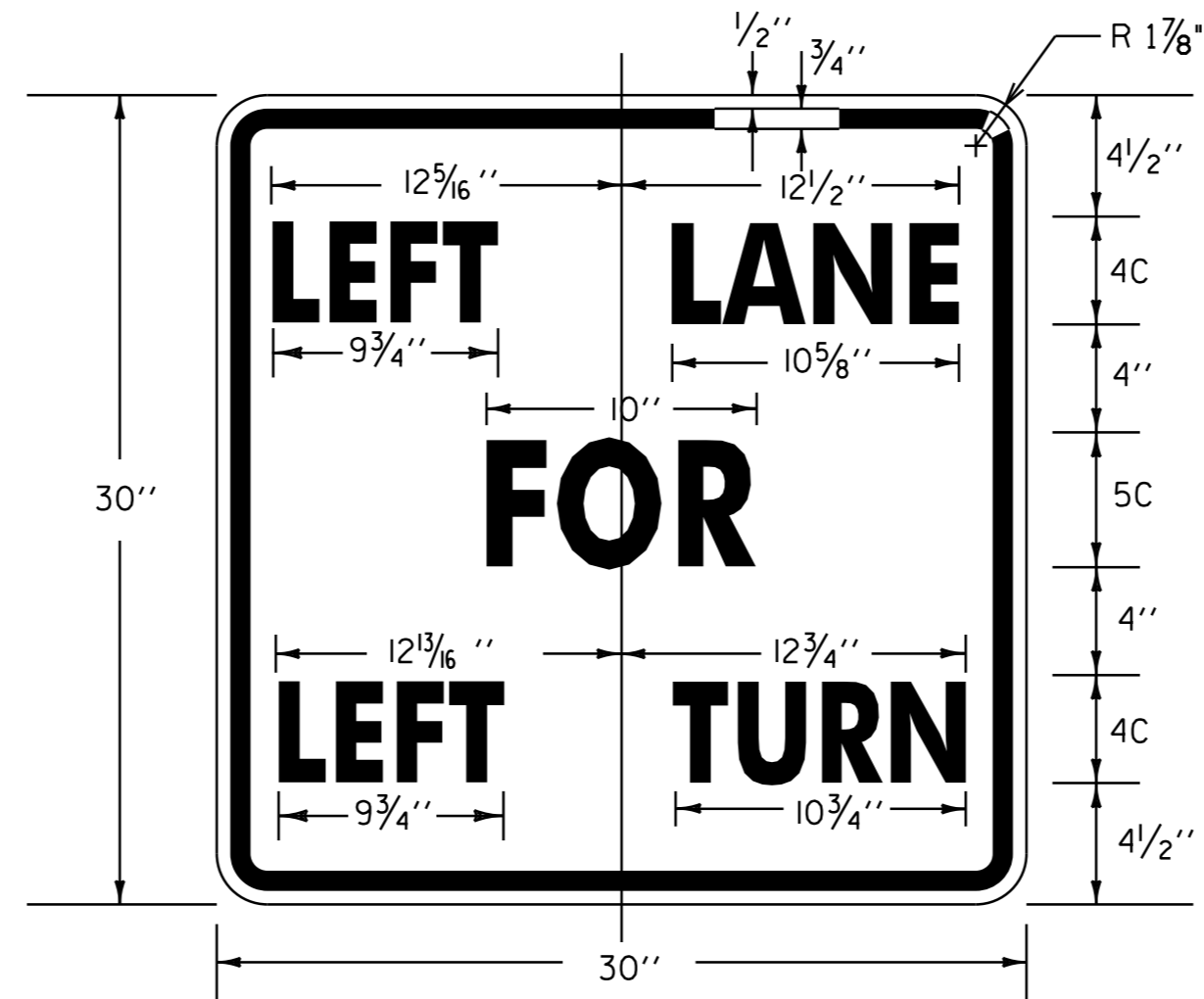
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tss18.i

PLOT DATE: 03-AUG-2011 4:10
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 56 OF 84



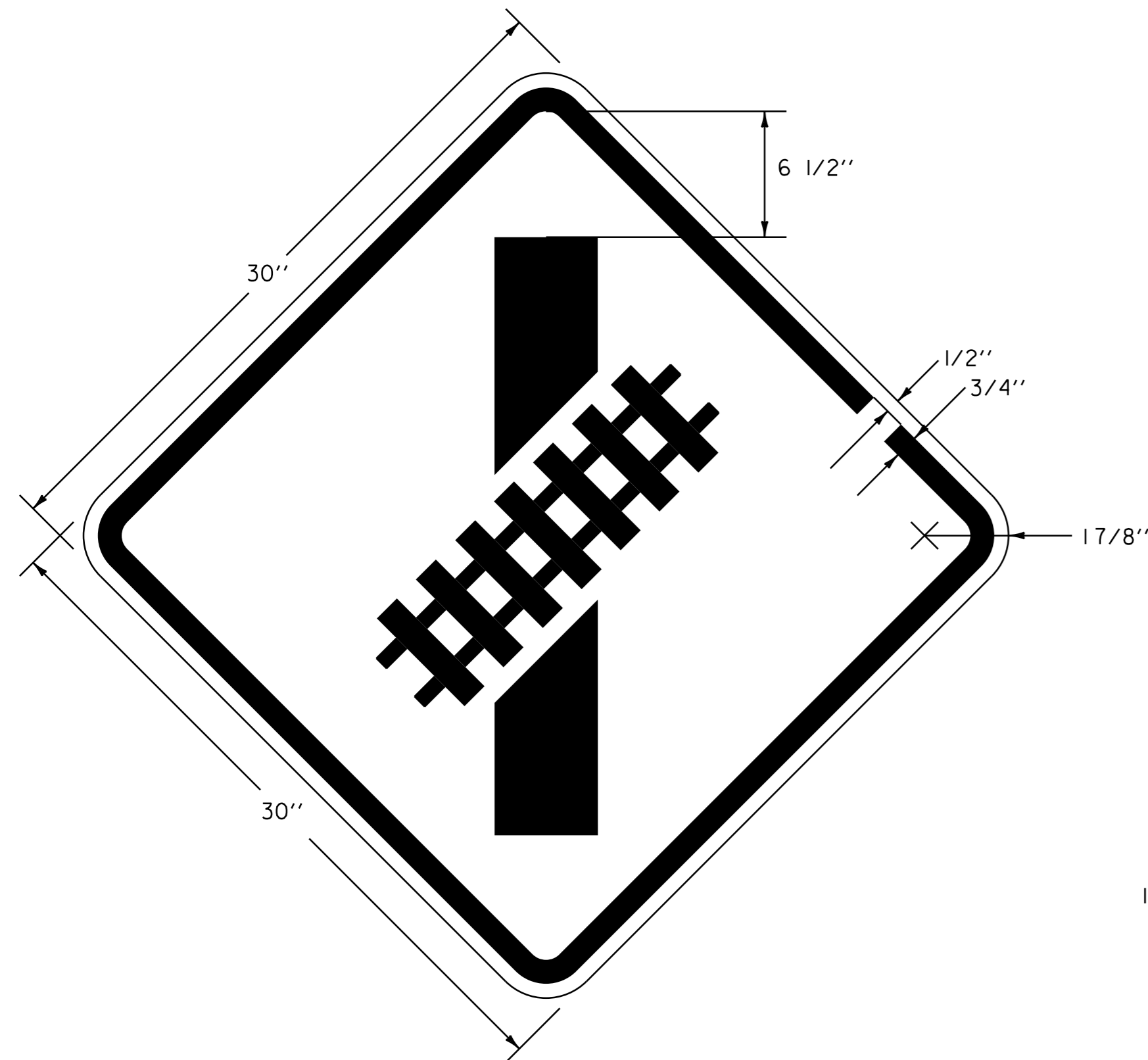
1 SQUARE = 1"



BLACK BORDER & TEXT
WITH WHITE (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-140 FOR MATERIALS

LOCATIONS

U.S. ROUTE 2 STA. 108+58, RT.

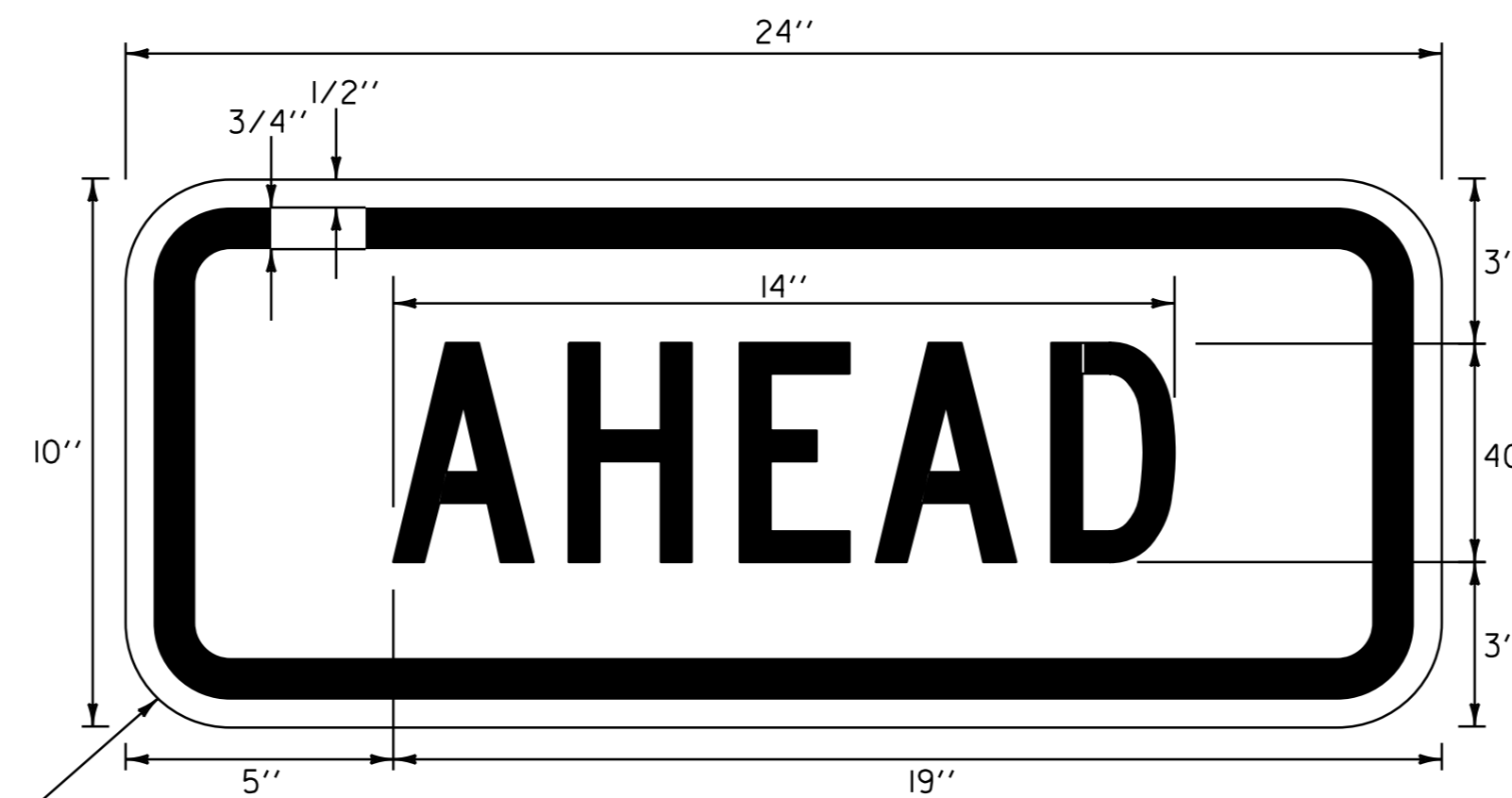


W10-12

BLACK BORDER & TEXT
WITH YELLOW (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-150 FOR MATERIALS

LOCATIONS

U.S. ROUTE 2 STA. 222+33, LT.

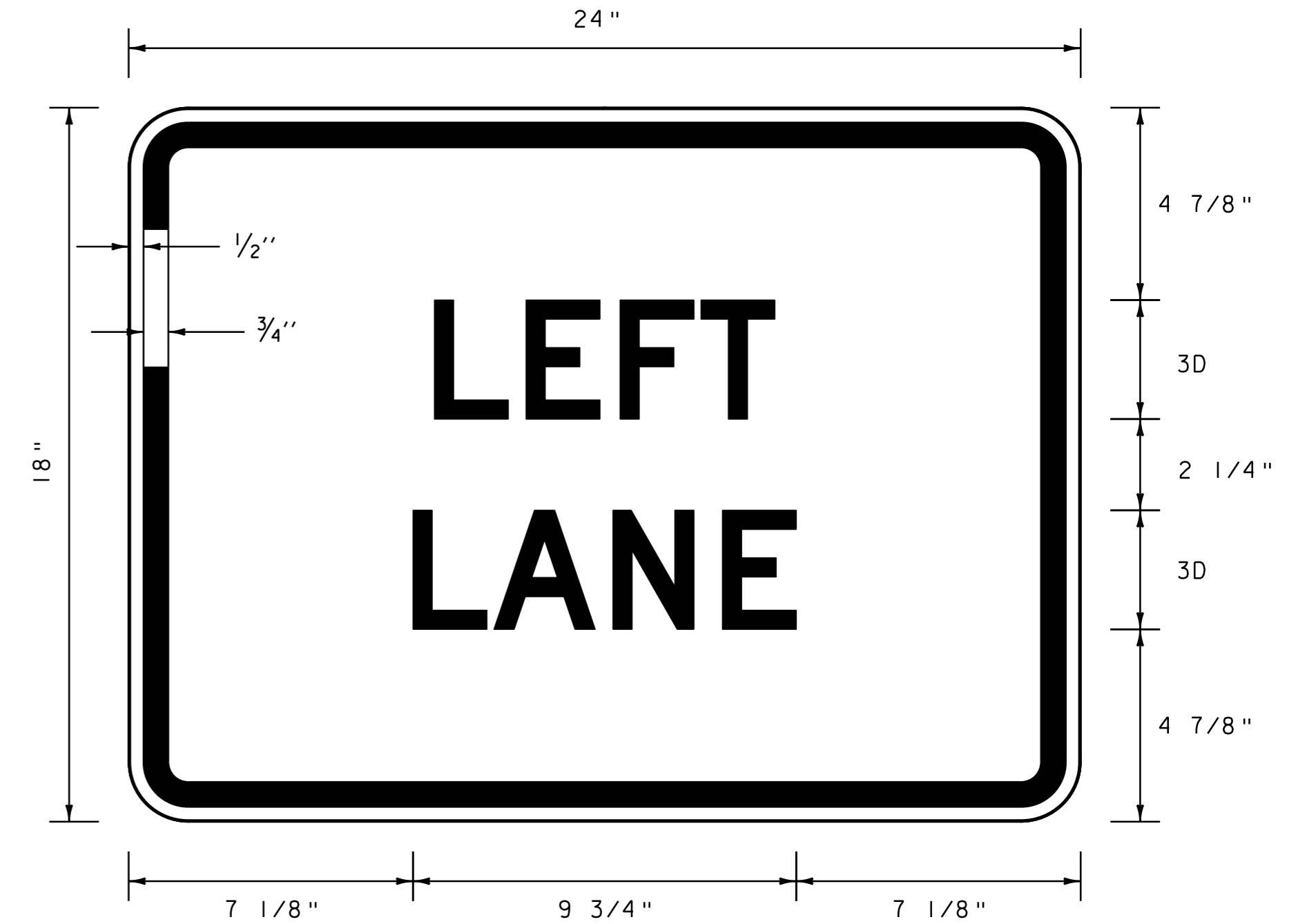


W16-9p

BLACK BORDER & TEXT
WITH YELLOW - GREEN (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-153 FOR MATERIALS

LOCATIONS

U.S. ROUTE 2 STA. 87+80, RT.
U.S. ROUTE 2 STA. 91+90, LT.



BLACK BORDER & TEXT
WITH WHITE (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-140 FOR MATERIALS

LOCATIONS

U.S. ROUTE 2 STA. 136+40, RT.

NOT TO SCALE

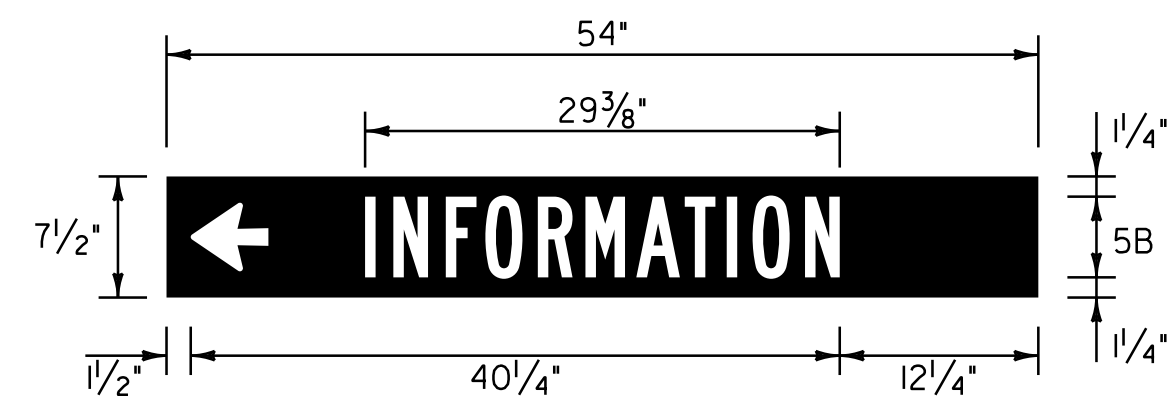


**TRAFFIC SIGN
DETAILS
SHEET 1**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tsd.i

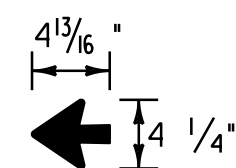
PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 58 OF 84



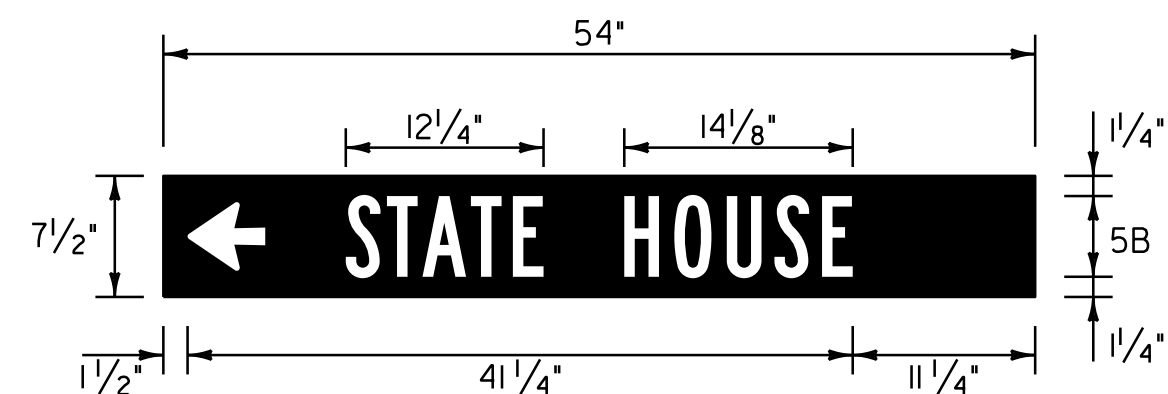
WHITE OR SILVER TEXT
WITH BLUE (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-133 FOR MATERIALS

LOCATION

U.S. ROUTE 2 STA. 45+52, RT.



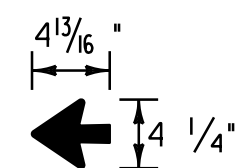
NOTE: FOR ARROW DETAILS SEE
VTrans STANDARD E-133



WHITE OR SILVER TEXT
WITH BLUE (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-133 FOR MATERIALS

LOCATION

U.S. ROUTE 2 STA. 45+52, RT.



NOTE: FOR ARROW DETAILS SEE
VTrans STANDARD E-133

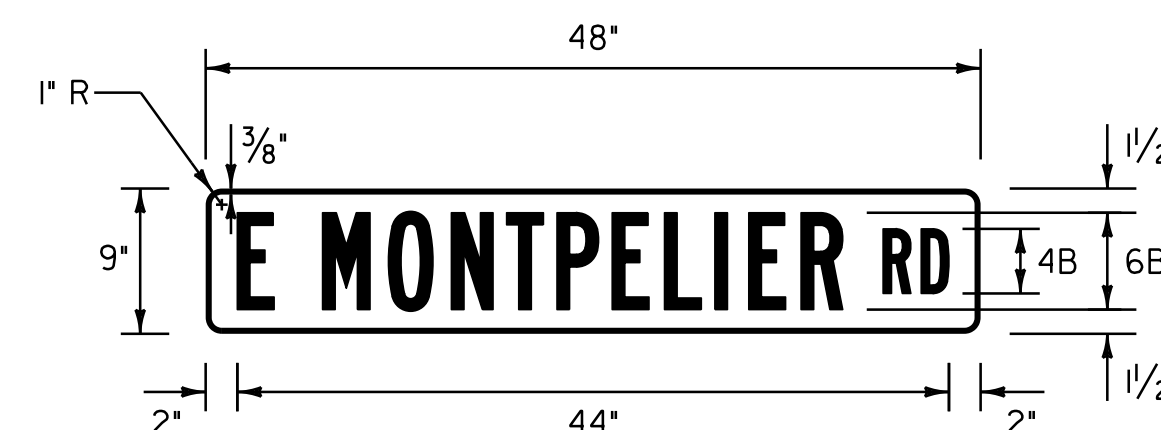


LOCATION

U.S. ROUTE 2 STA. 229+10, LT.

STREET SIGNS

WHITE BORDER & TEXT
WITH GREEN (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-123 FOR MATERIALS



LOCATION

U.S. ROUTE 2 STA. 229+10, LT.

STREET SIGNS

WHITE BORDER & TEXT
WITH GREEN (RETROREFLECTIVE) BACKGROUND
SEE VAOT STANDARD E-123 FOR MATERIALS

NOT TO SCALE



**TRAFFIC
SIGN
DETAILS
SHEET 2**

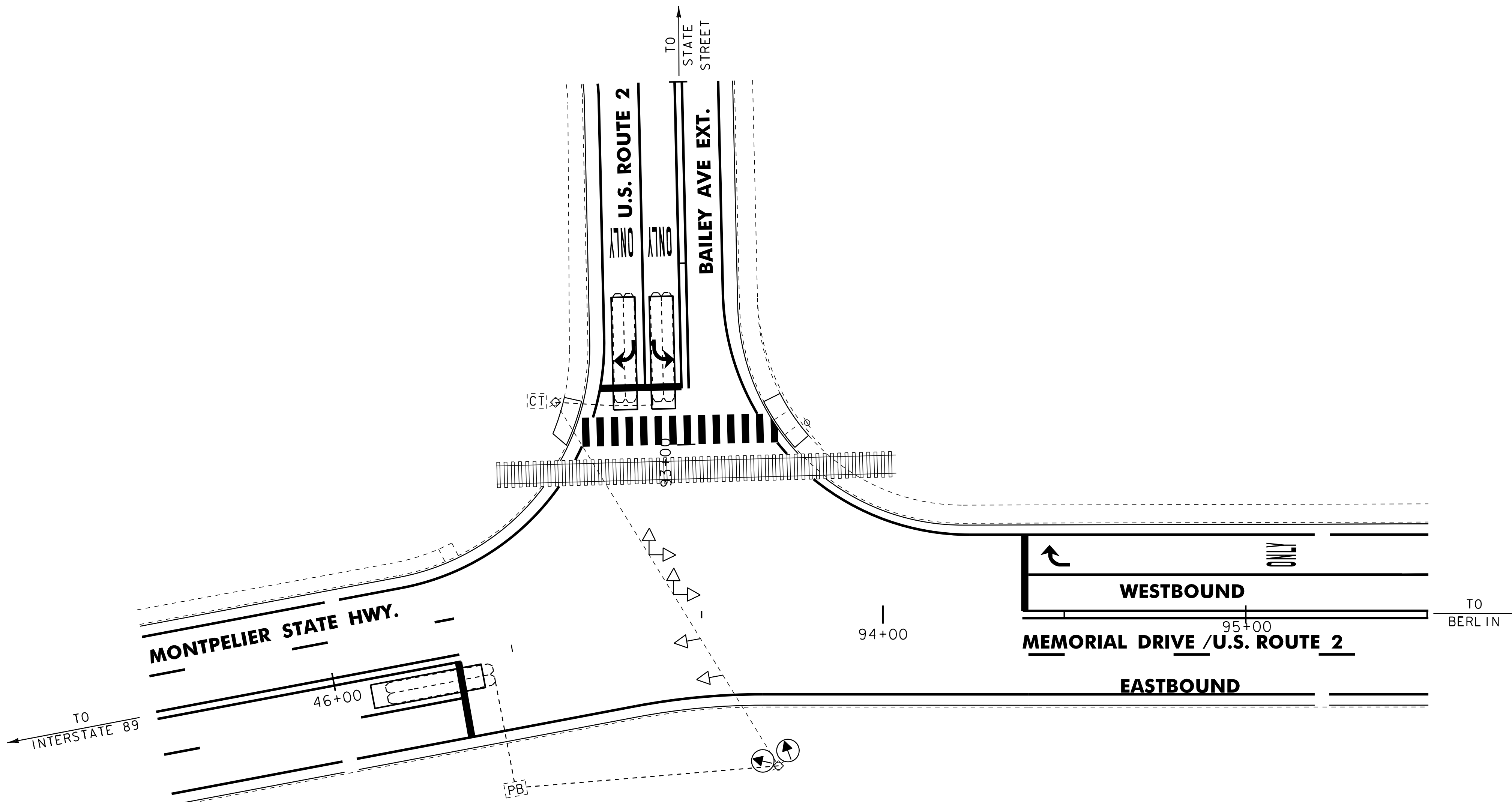
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034tsd.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 59 OF 84

U.S. ROUTE 2 – BAILEY AVE. EXT./MEMORIAL DRIVE

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ BAILEY AVENUE EXTENSION) STA. 93+70, RT		
QUANTITY	UNIT	DESCRIPTION
2	EA	VIDEO DETECTOR CAMERA ASSEMBLY
310	LF	VIDEO DETECTOR CABLE
2	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET



NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
3. VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
4. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ BAILEY AVENUE EXTENSION). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2006 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5. EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ BAILEY AVENUE EXTENSION).

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
⊕	EXISTING SIGNAL POLE
▭	VIDEO DETECTION AREA
⊙	VIDEO DETECTOR CAMERA
⊙	EXISTING VIDEO DETECTOR CAMERA
⊙	EXISTING SIGNAL
PB	EXISTING PULL BOX



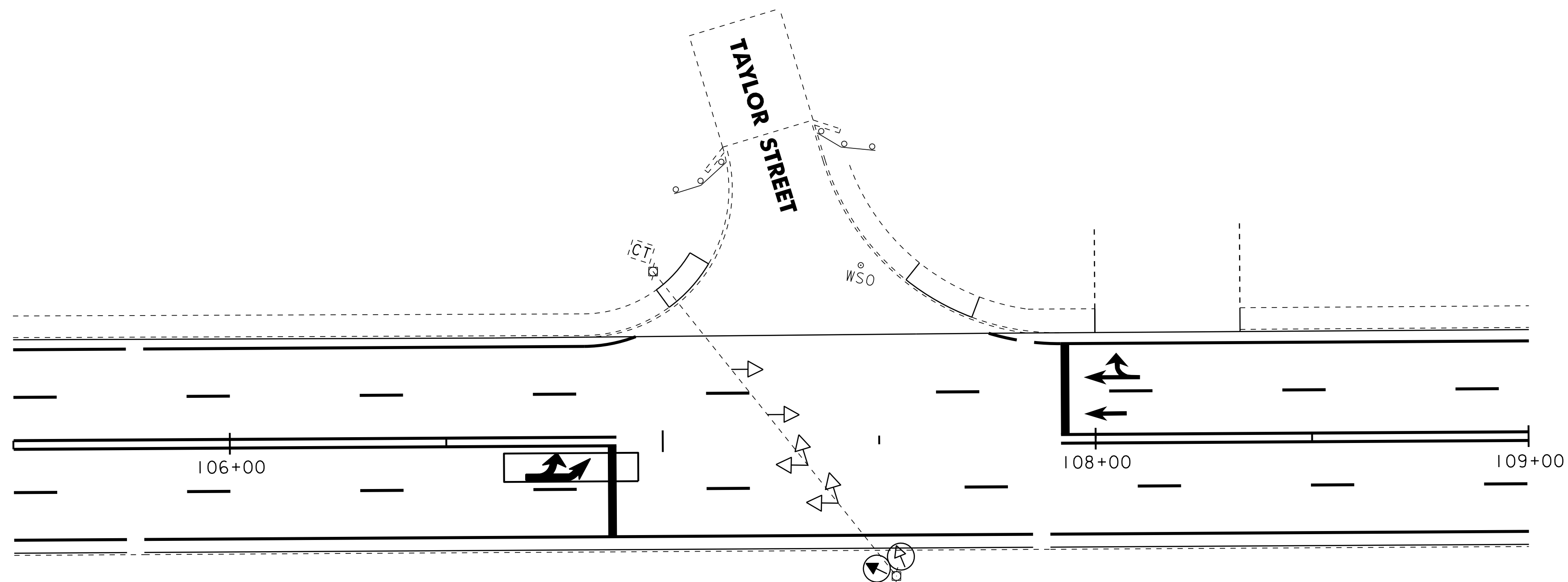
NOT TO SCALE

VIDEO DETECTION SYSTEM SHEET #1

PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 4:11
PROJECT NUMBER: NH 2604(I)	DRAWN BY: STANTEC
FILE NAME: p06b034.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 60 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06b034vdss01.i	

U.S. ROUTE 2 – MEMORIAL DRIVE / TAYLOR ST. INTERSECTION

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ TAYLOR STREET) STA. 107+55, RT		
QUANTITY	UNIT	DESCRIPTION
1	EA	VIDEO DETECTOR CAMERA ASSEMBLY WITH
140	LF	VIDEO DETECTOR CABLE
1	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET



NOTES:

- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
- VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ TAYLOR STREET). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2006 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ TAYLOR STREET).

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
⌈⌋	EXISTING CONTROLLER CABINET
⊕	EXISTING SIGNAL POLE
▭	VIDEO DETECTION AREA
⊙	VIDEO DETECTOR CAMERA
⊙	EXISTING VIDEO DETECTOR CAMERA
⊙	EXISTING SIGNAL
[PB]	EXISTING PULL BOX



NOT TO SCALE

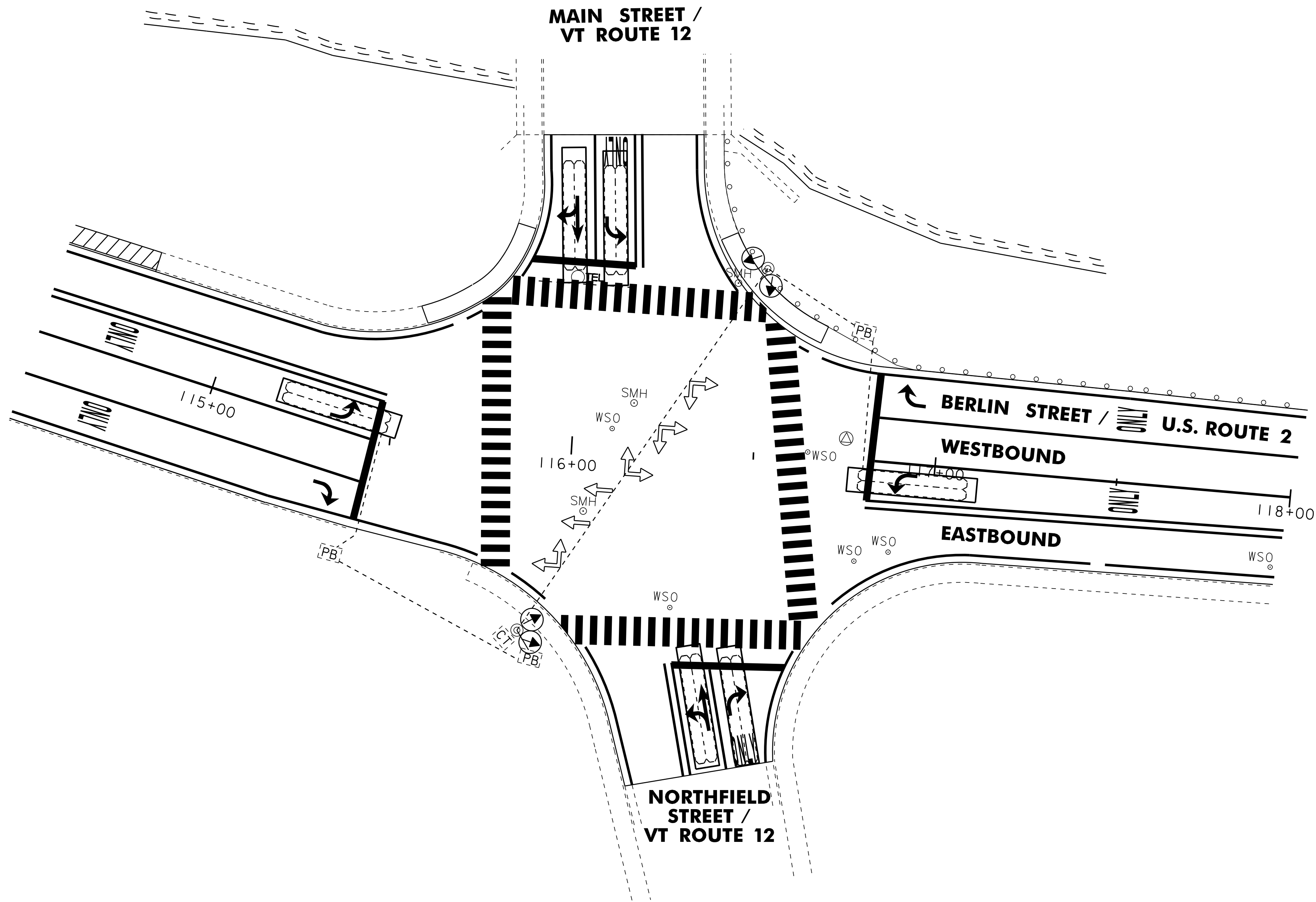
**VIDEO
DETECTION
SYSTEM
SHEET #2**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034vdss02.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 61 OF 84

U.S. ROUTE 2 – MAIN ST./NORTHFIELD ST. INTERSECTION



ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ VT ROUTE 12) STA. 115+90, RT / STA. 116+50, LT		
QUANTITY	UNIT	DESCRIPTION
4	EA	VIDEO DETECTOR CAMERA ASSEMBLY
360	LF	VIDEO DETECTOR CABLE
4	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
Ⓜ	EXISTING CONTROLLER CABINET
⊕	EXISTING SIGNAL POLE
▭	VIDEO DETECTION AREA
⊙	VIDEO DETECTOR CAMERA
⊙	EXISTING VIDEO DETECTOR CAMERA
←	EXISTING SIGNAL
Ⓜ	EXISTING PULL BOX

NOTES:

- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
- VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ VT ROUTE 12). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2006 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ VT ROUTE 12).

NOT TO SCALE



**VIDEO
DETECTION
SYSTEM
SHEET #3**

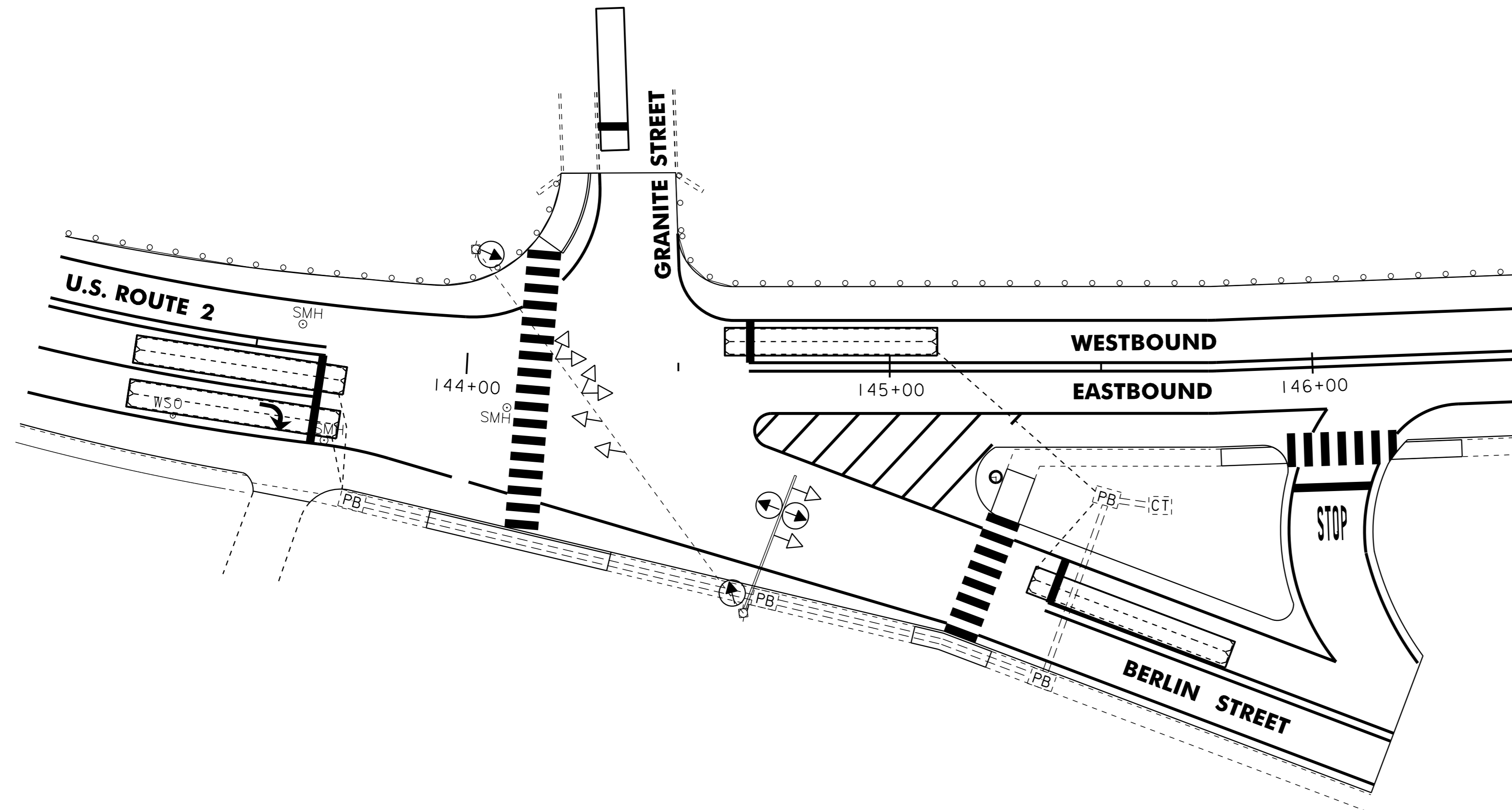
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034vdss03.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 62 OF 84

U.S. ROUTE 2 /BERLIN ST./GRANITE ST. INTERSECTION

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ GRANITE STREET) STA. 144+65, RT		
QUANTITY	UNIT	DESCRIPTION
4	EA	VIDEO DETECTOR CAMERA ASSEMBLY
800	LF	VIDEO DETECTOR CABLE
4	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)



LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
⌈⌋	EXISTING CONTROLLER CABINET
⊕	EXISTING SIGNAL POLE
▭	VIDEO DETECTION AREA
⊙	VIDEO DETECTOR CAMERA
⊙	EXISTING VIDEO DETECTOR CAMERA
⊙	EXISTING SIGNAL
⊠	EXISTING PULL BOX

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
3. VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
4. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ GRANITE STREET). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2006 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5. EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 2 @ GRANITE STREET).



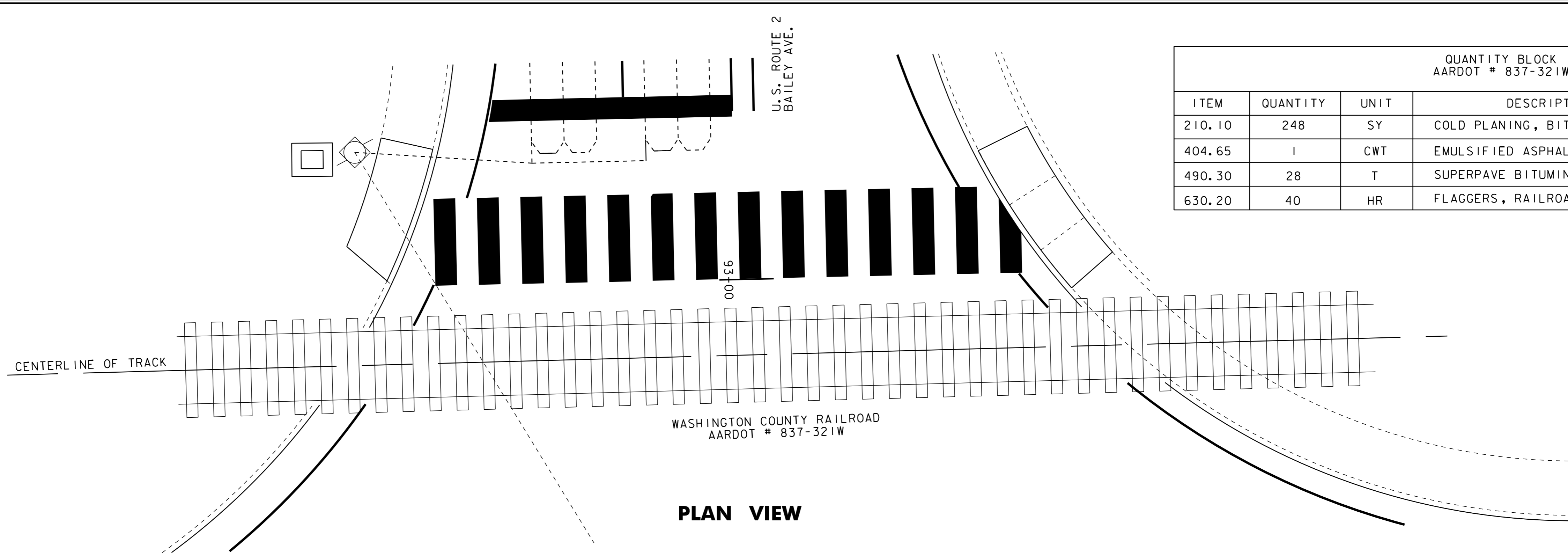
NOT TO SCALE

VIDEO DETECTION SYSTEM SHEET #4

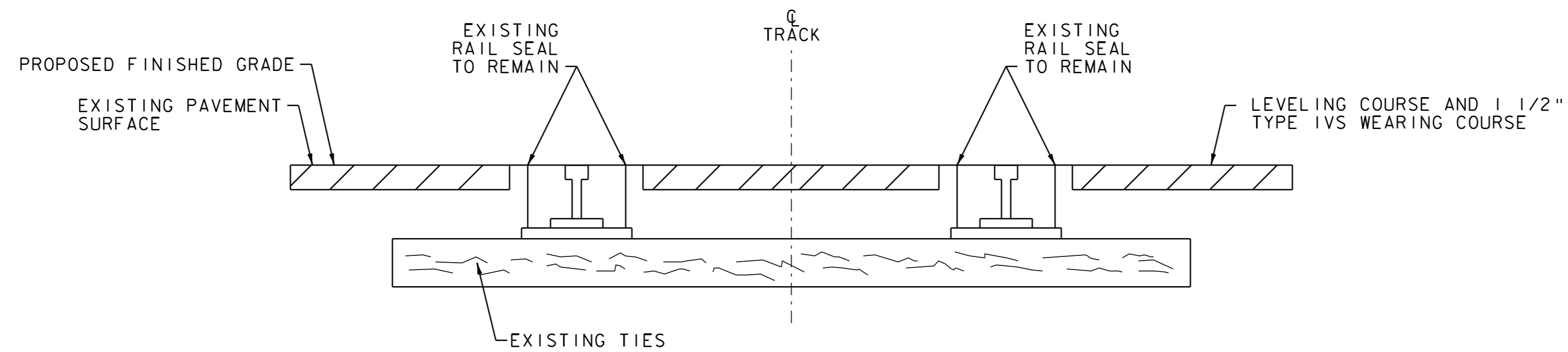
PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034vdss04.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 63 OF 84



PLAN VIEW



TYPICAL SECTION

U.S. ROUTE 2 AT MONTPELIER STA 93+08.64 (MM 1.763)

NOTES:

1. TEN DAYS PRIOR TO BEGINNING WORK ON THIS RAIL CROSSING THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH WASHINGTON COUNTY RAILROAD.
2. THE CONTRACTOR SHALL REMOVE THE EXISTING BITUMINOUS CONCRETE SURFACE TO THE DEPTH OF 2" AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL BE ALLOWED THE OPTION OF REMOVING THE PAVEMENT BETWEEN THE RAILS TO THE REQUIRED DEPTH BY EXCAVATION OR COLD PLANING. PAYMENT FOR REMOVING THIS PAVEMENT SHALL BE INCIDENTAL TO ITEM 210.10 COLD PLANING BITUMINOUS PAVEMENT.
3. ANY DAMAGE TO THE EXISTING RAIL SEAL SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE AS DIRECTED BY THE RESIDENT ENGINEER.
4. THE COST OF PAVING THE TYPE IVS LEVELING AND WEARING COURSES AT THE RAIL APPROACHES AND TYPE IV WEARING COURSE BETWEEN THE RAILS SHALL BE PAID AS PART OF THE NH 2604(I) PAVING PROJECT UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28).
5. THE CONTRACTOR SHALL TAPER THE EXISTING U.S. ROUTE 2 PAVEMENT SURFACE AT A RATE OF 1" IN 50' MINIMUM WHEN POSSIBLE TO THE HEIGHT OF THE EXISTING RAIL HIGHWAY CROSSING OR AS DIRECTED BY THE RESIDENT ENGINEER.
6. THE COSTS OF PROVIDING RAILROAD FLAGGERS DURING THE CONSTRUCTION SHALL BE PAID AS ITEM 630.20 FLAGGERS, RAILROAD.



NOT TO SCALE
**RAILROAD
GRADE
CROSSING
DETAIL SHEET**

PROJECT NAME: MONTPELIER
PROJECT NUMBER: NH 2604(I)
FILE NAME: p06b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06b034rrgcd.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 64 OF 84

REHAB. DI'S, CB'S or MH'S, CLASS I, II, OR III
(ITEM 604.412, 604.415, OR 604.418)

U.S. ROUTE 2

STATION	POSITION	DESCRIPTION
MONTPELIER STATE HIGHWAY		
46+00	RT	DI
46+04	LT	DI
U.S. ROUTE 2		
89+27	LT	DI
89+27	RT	DI
90+35	LT	DI
90+37	RT	DI
95+21	LT	DI
95+21	RT	DI
97+23	LT	DI
97+25	RT	DI
99+41	LT	DI
99+41	RT	DI
103+75	RT	DI
103+92	LT	DI
105+78	LT	DI
105+78	RT	DI
107+84	LT	DI
107+87	RT	DI
110+56	RT	DI
110+60	LT	DI
112+60	RT	DI
112+63	LT	DI
114+19	LT	DI
114+19	RT	DI
115+69	LT	DI
115+94	RT	DI
116+68	LT	DI
116+70	RT	DI
117+48	RT	DI
118+44	RT	DI
119+36	RT	DI
119+87	RT	DI
121+00	RT	DI
121+67	RT	DI
122+03	RT	DI
123+00	RT	DI

STATION	POSITION	DESCRIPTION
125+03	RT	DI
126+35	RT	DI
127+87	RT	DI
129+85	RT	DI
131+10	RT	DI
132+41	RT	DI
134+00	RT	DI
135+46	RT	DI
136+56	RT	DI
137+64	RT	DI
138+64	RT	DI
139+64	RT	DI
140+58	RT	DI
141+67	RT	DI
142+59	RT	DI
144+00	RT	DI
145+12	RT	DI
146+92	RT	DI
148+70	RT	DI
150+87	RT	DI
152+72	RT	DI
155+74	RT	DI
157+14	RT	DI
158+49	RT	DI
159+75	RT	DI
161+00	RT	DI
161+52	LT	DI
161+66	RT	DI
165+85	RT	DI
166+89	RT	DI
166+89	LT	DI
167+78	RT	DI
169+19	RT	DI
169+47	RT	DMH
169+50	RT	DI
169+70	RT	DI
171+28	RT	DI
172+28	RT	DI
173+04	RT	DI
174+04	RT	DI
174+63	RT	DI
174+63	LT	DI
177+04	RT	DI
178+56	RT	DI

ADJUST ELEVATION OF VALVE BOX

(ITEM 629.20)

U.S. ROUTE 2

STATION	POSITION	DESCRIPTION
116+11	LT	WSO
116+27	RT	WSO
116+65	LT	WSO
116+77	RT	WSO
116+87	RT	WSO
117+98	RT	WSO
119+56	RT	WSO
122+58	RT	WSO
124+05	RT	WSO
124+18	RT	WSO
126+25	RT	WSO
128+51	RT	WSO
128+56	RT	WSO
129+16	RT	WSO
133+30	RT	WSO
133+94	RT	WSO
134+08	RT	WSO
135+03	RT	WSO
135+81	RT	WSO
137+44	RT	WSO
139+44	RT	WSO
140+84	RT	WSO
158+67	LT	WSO
160+85	LT	WSO
169+37	LT	WSO
169+39	LT	WSO
169+42	RT	WSO
169+44	LT	WSO
170+61	LT	WSO
176+20	LT	WSO
176+21	LT	WSO
176+22	LT	WSO
176+22	LT	WSO
176+35	LT	WSO
176+51	RT	WSO
177+35	LT	WSO
177+38	LT	WSO
177+45	LT	WSO
177+47	LT	WSO
177+50	LT	WSO

CHANGING ELEVATION OF SEWER MANHOLES

(ITEM 604.42)

U.S. ROUTE 2

STATION	POSITION	DESCRIPTION
116+03	RT	SMH
116+17	LT	SMH
116+46	LT	SMH
119+55	RT	SMH
122+65	LT	SMH
122+70	C/L	SMH
129+79	LT	SMH
136+62	RT	SMH
138+79	LT	SMH
141+08	RT	SMH
143+60	LT	SMH
143+68	RT	SMH
144+10	RT	SMH
149+79	RT	SMH
152+24	RT	SMH
158+36	RT	SMH
163+89	RT	SMH
164+28	RT	SMH
169+26	RT	SMH
169+33	RT	SMH
169+43	RT	SMH
169+68	LT	SMH
170+67	RT	SMH
172+40	RT	SMH
173+67	RT	SMH
177+36	RT	SMH

NOT TO SCALE



**UTILITY &
STRUCTURE
LOCATIONS
SHEET**

PROJECT NAME: MONTPELIER

PROJECT NUMBER: NH 2604(I)

FILE NAME: p06b034.dgn

PROJECT LEADER: JLL

DESIGNED BY: MCF

IPARM FILE: p06b034us.i

PLOT DATE: 03-AUG-2011 14:11

DRAWN BY: STANTEC

CHECKED BY: JLL

SHEET 65 OF 84

STATE OF VERMONT AGENCY OF TRANSPORTATION

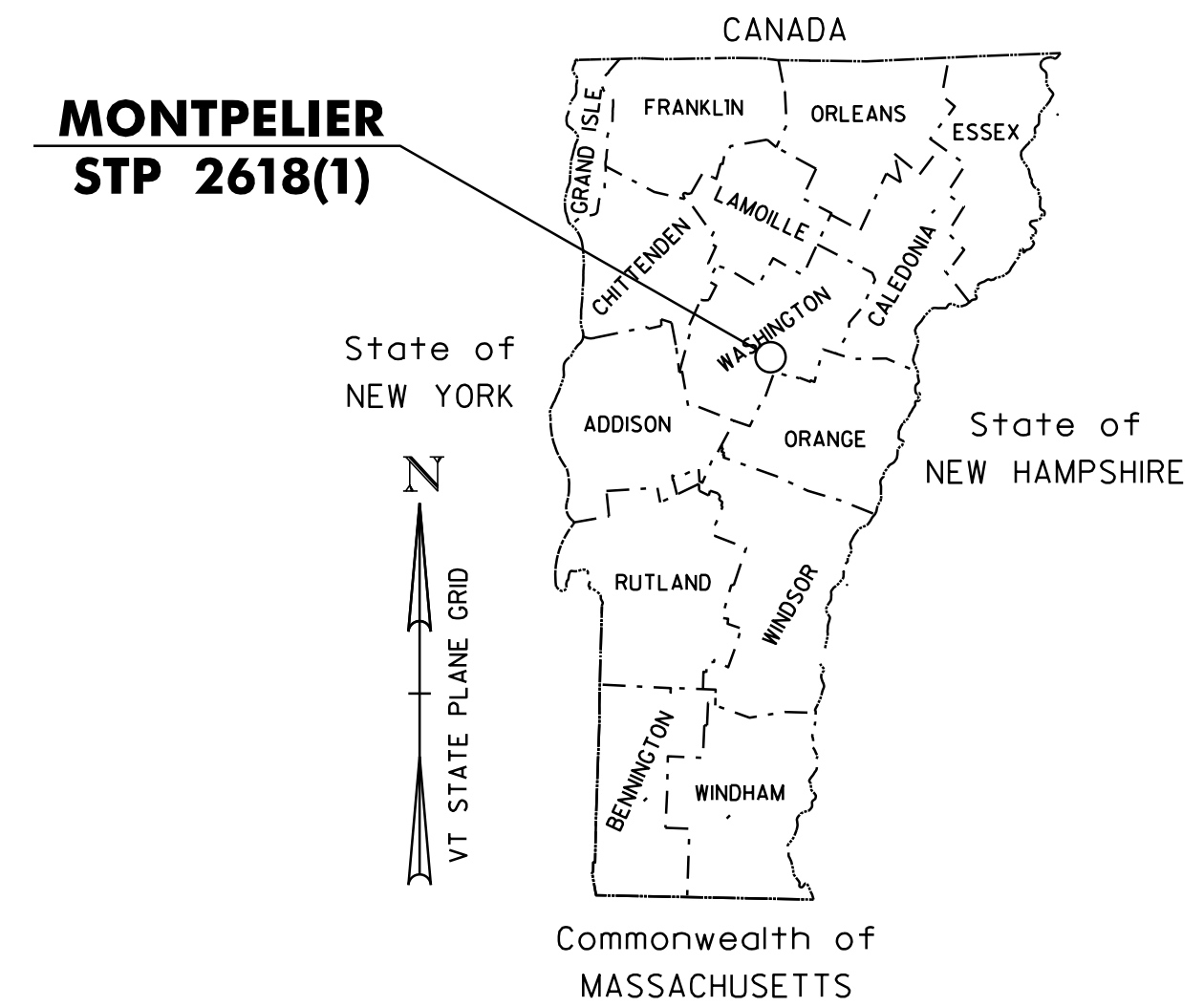


PROPOSED IMPROVEMENT CLASS I TOWN HIGHWAY CITY OF MONTPELIER COUNTY OF WASHINGTON U.S. ROUTE 302

BEGINNING IN THE CITY OF MONTPELIER ON U.S. ROUTE 302 AT STA. 5+01.60 (MM 0.095) AND EXTENDING
EASTERLY ALONG U.S. ROUTE 302 FOR A DISTANCE OF 4,134.24 FEET (0.783 MILE) TO STA. 46+35.84 (MM 0.878).

TOTAL LENGTH OF PROJECT: 4,134.24 FEET = 0.783 MILE
TOTAL LENGTH OF ROADWAY: 4,134.24 FEET = 0.783 MILE

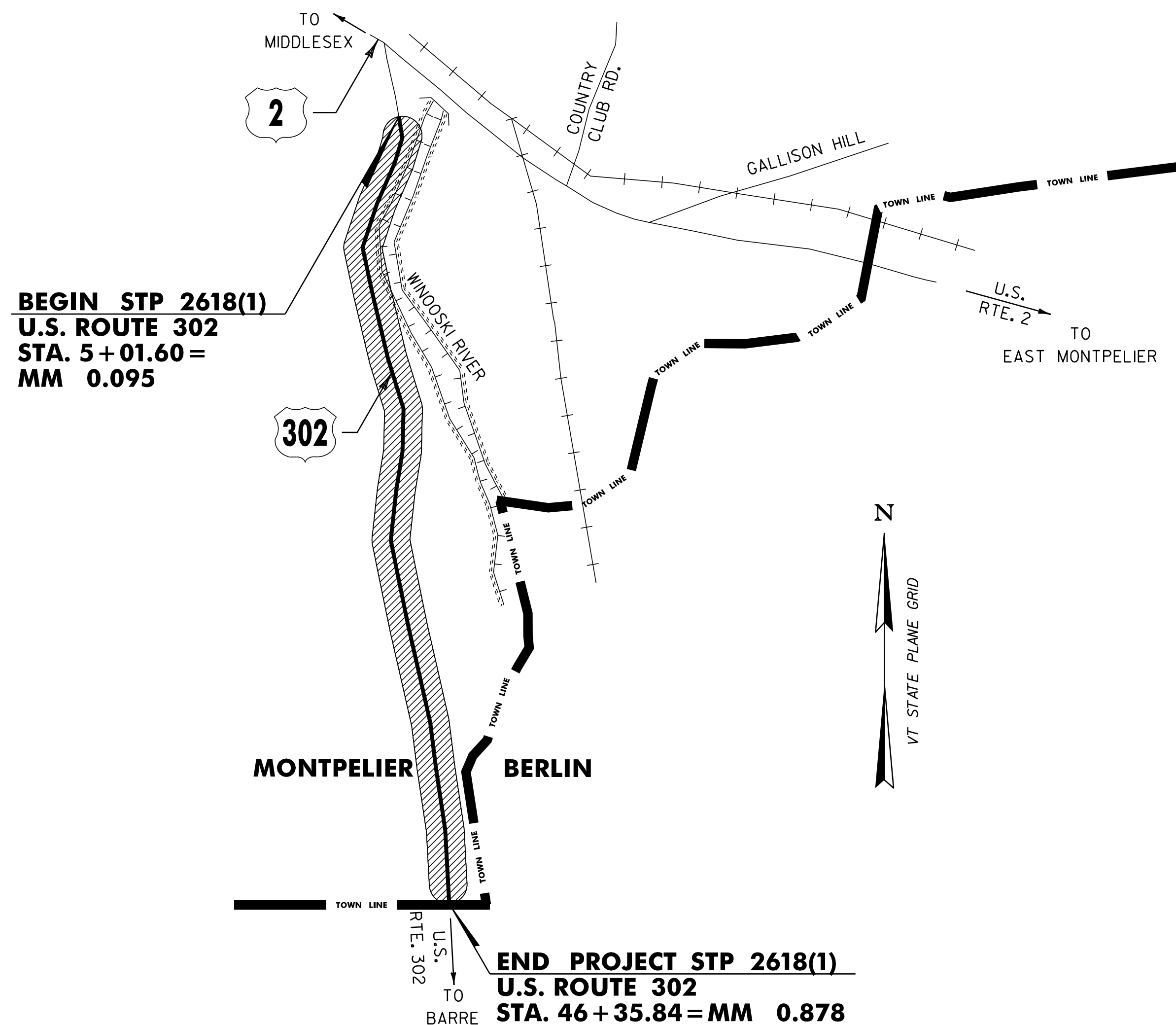
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY
WITH A LEVELING AND WEARING COURSE, NEW PAVEMENT MARKINGS, GUARD RAIL, SIGNS AND OTHER INCIDENTAL ITEMS.



TRAFFIC DATA U.S. ROUTE 302

LOCATION	AADT		DHV		ESALS	
	2009	2019	2009	2019	2009-2019	2009-2029
ENTIRE PROJECT	14,200	14,900	1500	1600	2,239,000	5,702,000

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	2,850,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	70-28



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

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 PURPOSES.

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

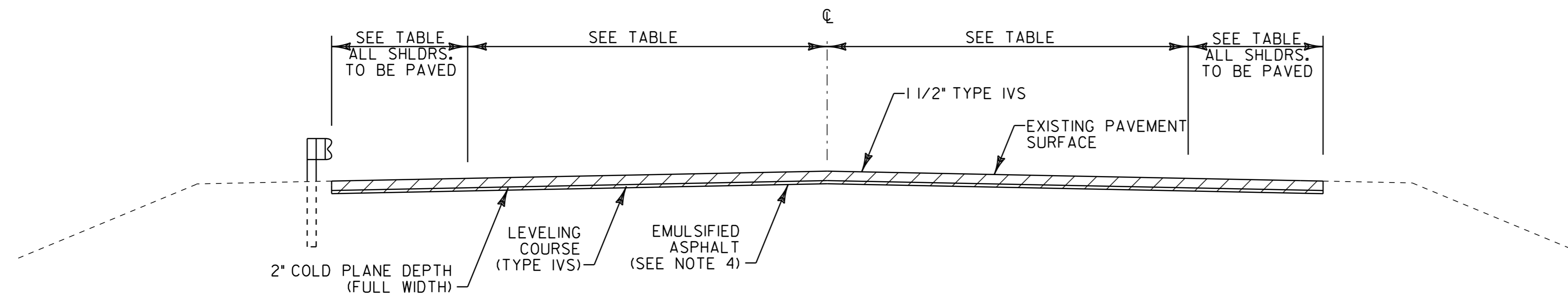
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS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

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".



p06d114.dgn
p06d114.ts.i

PROJECT NAME : MONTPELIER
PROJECT NUMBER : STP 2618 (1)
SHEET 66 OF 84 SHEETS



COLD PLANE TYPICAL SECTION - CURBED

STA. 5+01.60 TO 46+35.84

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
MONTPELIER U.S. ROUTE 302	5+01.60	9+00	7'-6" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	9+00	15+85	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	15+85	17+10	6'-0" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	17+10	28+66	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	28+66	30+62	6'-0" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	30+62	41+33	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	41+33	43+80	7'-6" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	43+80	46+35.84	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS

URBAN AREAS - SEED MIXTURE

% WT	LBS/A	NAME	PUR %	GERM %
42.5	34	CREeping RED FESCUE	98	85
10.0	8	PERENNIAL RYE GRASS	95	90
42.5	34	KENTUCKY BLUE GRASS	85	85
0	4	ANNUAL RYE GRASS	95	85
100	80			

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

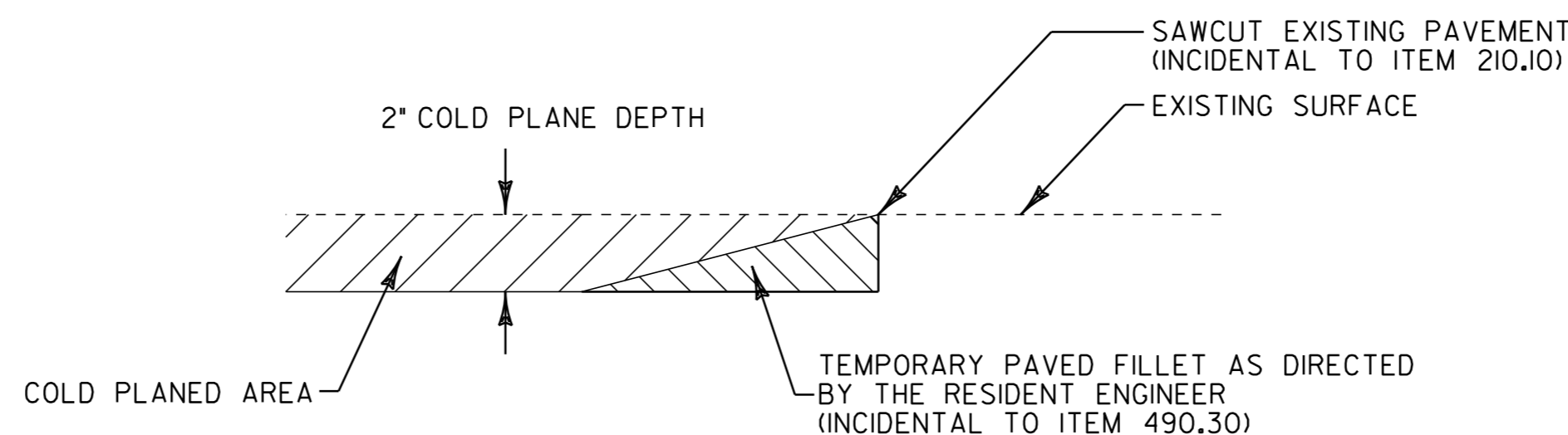
SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

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

TEMPORARY EROSION MATTING (ITEM 653.20):
TO BE PLACED ON EARTH SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

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



DETAIL AT VERTICAL COLD PLANE JOINTS

NOTE: THIS DETAIL SHALL BE USED FOR THE BEGINNING AND END OF THE PROJECT AND FOR THE SIDE ROADS LISTED BELOW AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE INCIDENTAL TO ITEM 490.30.

FULL ROADWAY WIDTH

STA. 5+01.60 (BEGIN PROJECT)
STA. 32+58.9, RT (MOONLIGHT TERRACE)
STA. 37+74.1, RT (SHERWOOD DRIVE)
STA. 46+35.84 (END PROJECT)

NOTES

- THE PAVEMENT WEARING COURSE SHALL BE 75 GYRATION SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS, THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE DETERMINED BY THE TABLE ON THE TITLE SHEET.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT 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.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
- 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 ENGINEER.
- A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II, ITEM 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III AND ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES CALLING FOR REHAB HAVE BEEN EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415, AND 604.418 FOR ESTIMATING PURPOSES.
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL BELOW. IF COLD PLANING 2" EXPOSES PORTLAND CEMENT CONCRETE PAVEMENT, ANY JOINTS LARGER THAN 1" SHALL BE CLEANED OUT AND FILLED WITH TYPE VS. ANY AREAS THAT EXPOSE SUBBASE SHALL BE CLEANED TO A DEPTH OF 2" AND PATCHED WITH TYPE III'S AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR THESE SITUATIONS.
- 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 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 HAVE BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER 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.
- THE PROPOSED FACE OF GUARDRAIL SHALL BE INSTALLED A MINIMUM OF 14 FT FROM THE CENTER OF THE ROAD OR IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL AS DIRECTED BY THE RESIDENT ENGINEER. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS SHOWN ON SHEET 710R DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION OR SUBBASE IN DRIVE AREAS SHALL BE AS DIRECTED BY THE ENGINEER AND WILL BE PAID INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675. ESTIMATED QUANTITIES OF THIS ITEM HAS BEEN INCLUDED, ASSUMING A 4' WIDTH.
- AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER, AND WILL BE PAID FOR UNDER 402.13 AGGREGATE SHOULDERS, RAP.

NOT TO SCALE

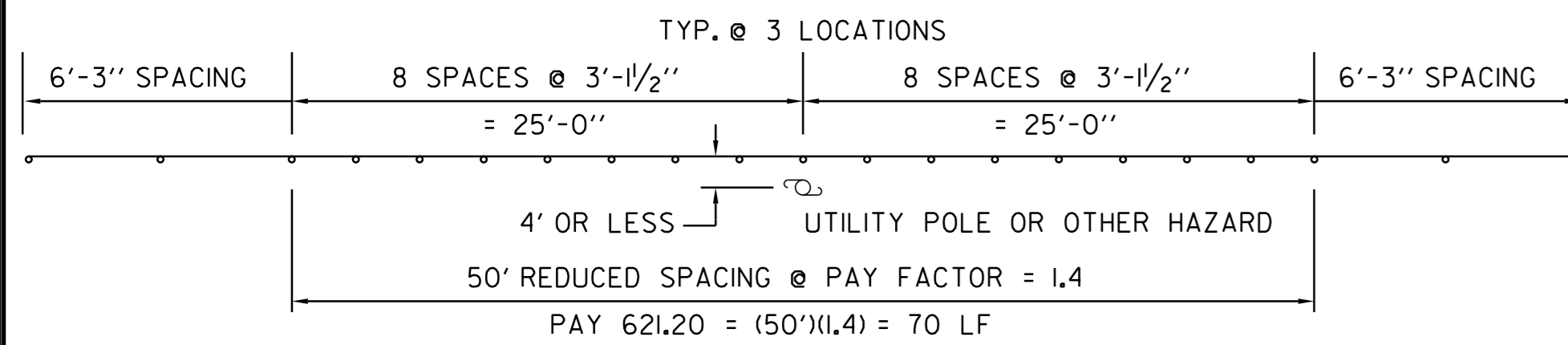


PROJECT TYPICAL SHEET

PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(1)

FILE NAME: p06d114.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06d114pts.i

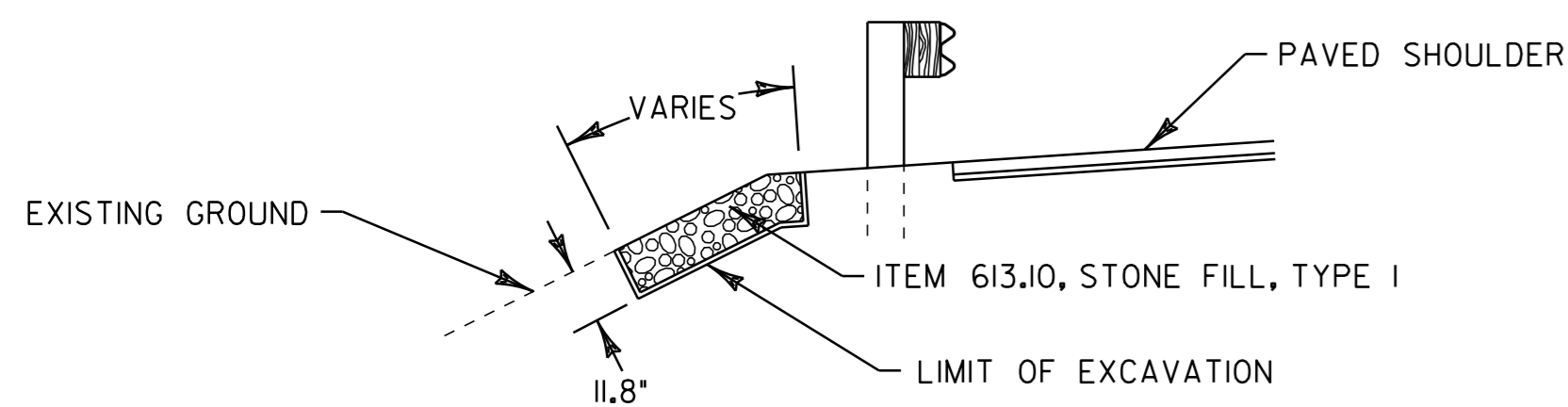
PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 67 OF 84



REDUCED STEEL BEAM GUARDRAIL POST SPACING DETAIL

OBJECTS WITHIN 4 FT OF GUARDRAIL (N.T.S.)

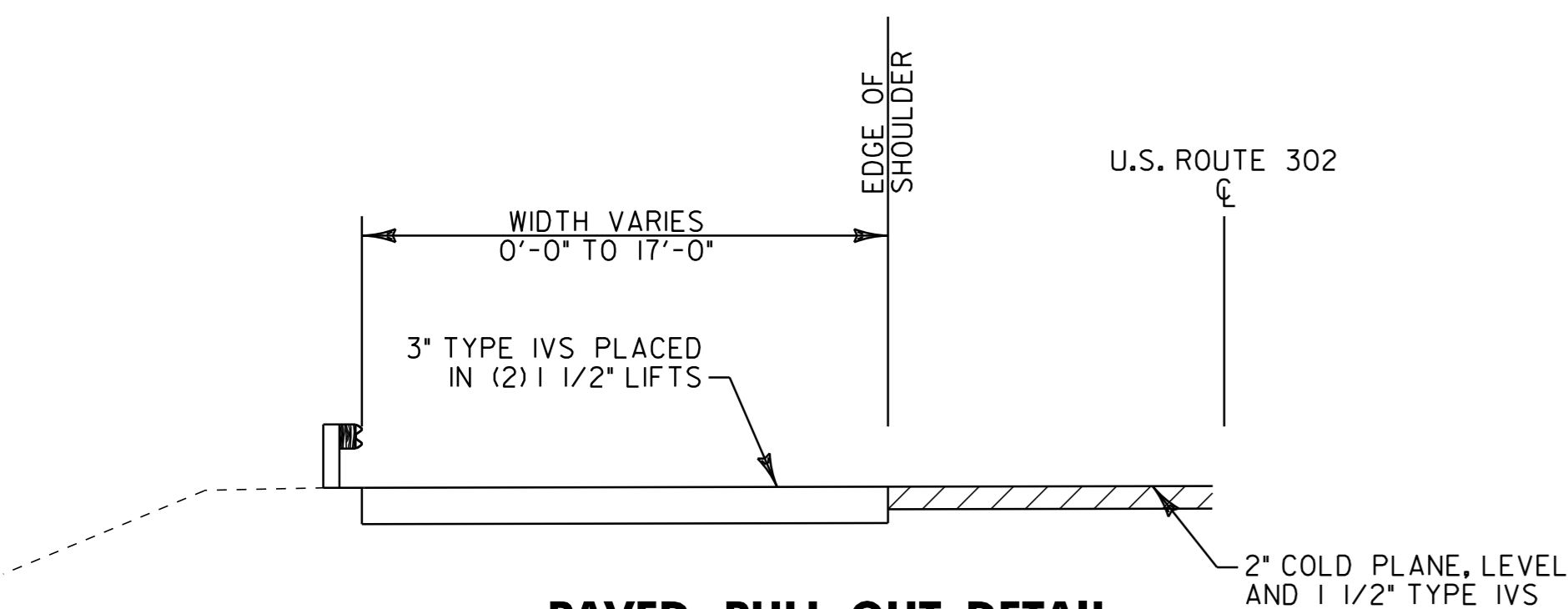
STA. 10+95, LT - UTILITY POLE
 STA. 12+11, LT - UTILITY POLE
 STA. 38+81, LT - UTILITY POLE



SLOPE EROSION REPAIR DETAIL

(ASSUME A 6' WIDTH)

STA. 12+61, LT.

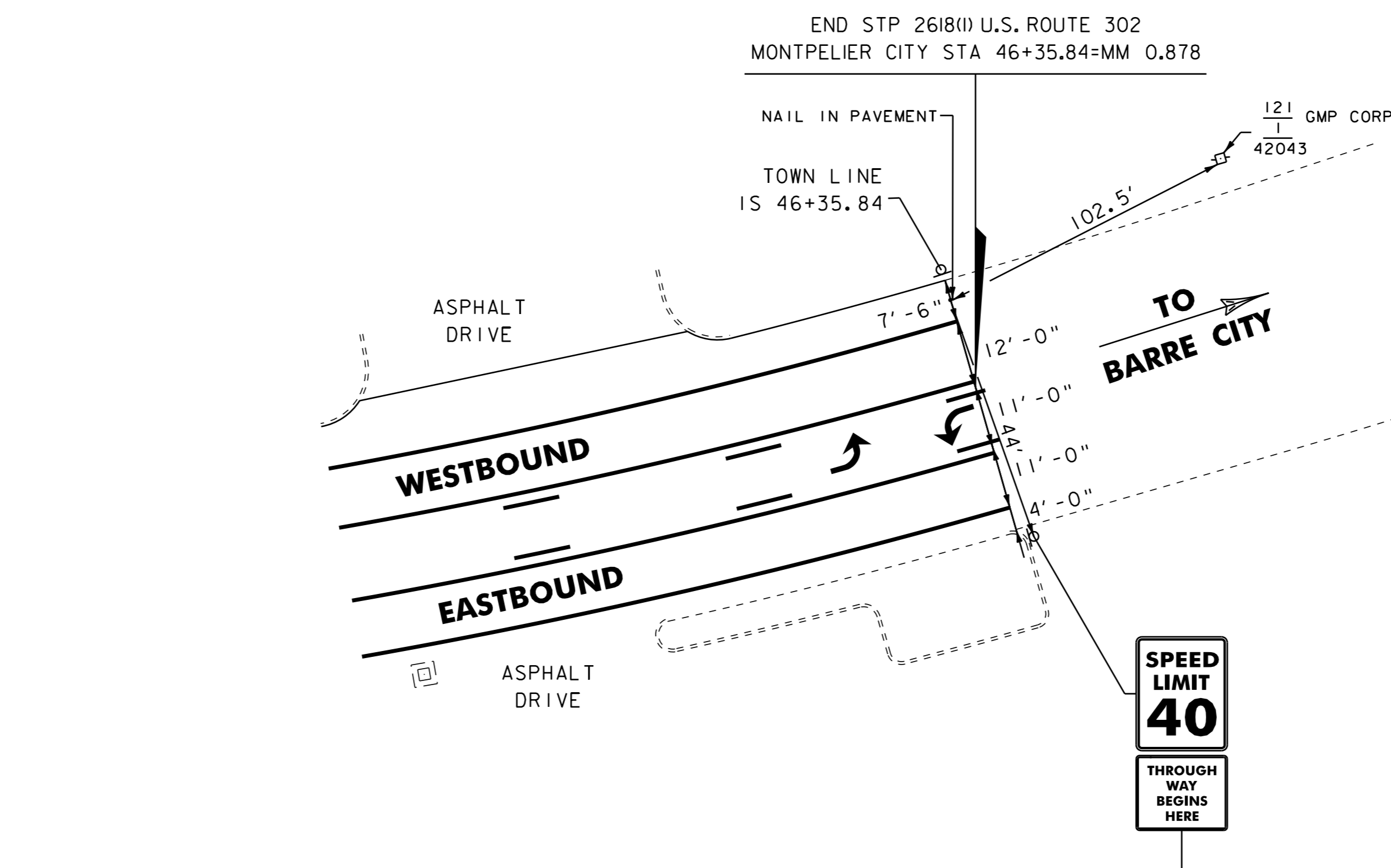
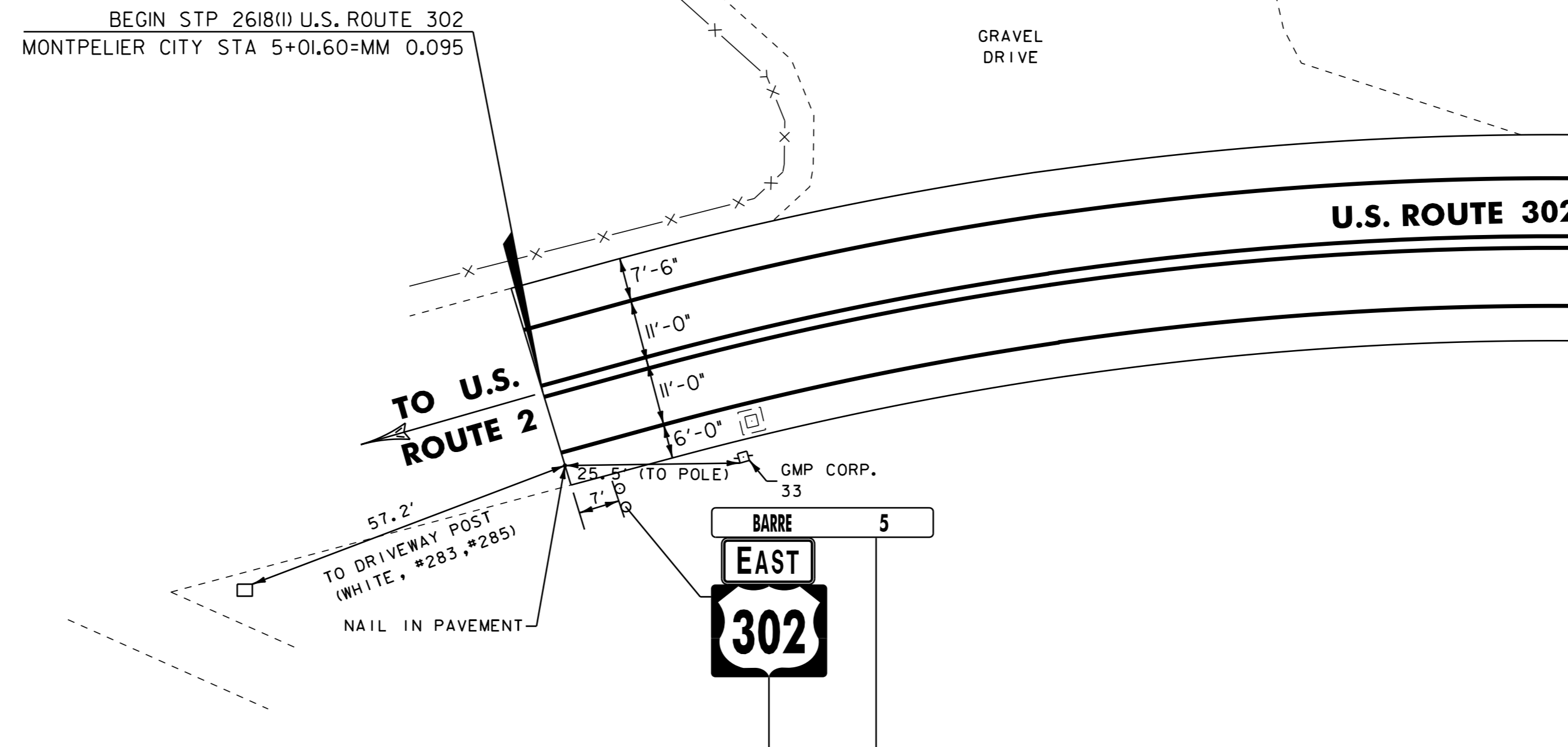


PAVED PULL-OUT DETAIL

STA. 13+95 TO STA. 15+16 LT

NOTES:

1. GRADE EXISTING GRAVEL PULL-OUT AS NECESSARY TO PROVIDE A SMOOTH SURFACE OR AS DIRECTED BY RESIDENT ENGINEER. PAYMENT SHALL BE COVERED BY ITEM 608.15 POWER GRADER RENTAL.
2. AN ESTIMATED QUANTITY OF ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) FOR WORK AT BOTH ENDS OF THE PULL-OUT AS DIRECTED BY THE RESIDENT ENGINEER.



NOT TO SCALE



MISC. DETAILS & UTILITY LOCATIONS

ADJUST ELEVATION OF VALVE BOX

(ITEM 629.20)

U.S. ROUTE 302

STATION	POSITION	DESCRIPTION
23+32	C/L	WSO

REHAB. DI'S, CB'S, OR MH'S, CLASS I, II, OR III

(ITEM 604.412, 604.415 OR 604.418)

U.S. ROUTE 302

STATION	POSITION	DESCRIPTION
5+36	RT	D1
8+10	RT	D1
19+61	LT	D1
23+09	RT	D1
32+43	RT	D1
37+83	RT	D1
38+12	RT	D1
38+23	RT	D1
43+23	LT	D1
45+31	RT	D1

CHANGING ELEVATION OF SEWER MANHOLES

(ITEM 604.42)

U.S. ROUTE 302

STATION	POSITION	DESCRIPTION
10+57	LT	SMH
20+96	LT	SMH
23+77	LT	SMH
24+11	LT	SMH
28+86	LT	SMH
31+17	LT	SMH
32+56	RT	SMH
32+59	LT	SMH
34+60	LT	SMH
37+66	LT	SMH
41+72	RT	SMH

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: STP 2618(I)

FILE NAME: p06d114.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06d114us.i

PLOT DATE: 03-AUG-2011 14:11
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 68 OF 84

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES					TOTALS		DESCRIPTIONS		
ROADWAY	EROSION CONTROL	FULL C. E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NO.	ROUND	
2			2		CY	COMMON EXCAVATION	203.15	0.4	
50			50		CY	EARTH BORROW	203.30	EST.	
1			1		CY	TRENCH EXCAVATION OF EARTH (N.A.B.I.)	204.22	-	
17300			17300		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	138	
96			96		TON	AGGREGATE SHOULDERS, RAP	402.13	1	
72			72		CWT	EMULSIFIED ASPHALT	404.65	0.3	
1			1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	
2150			2150		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	172	
1			1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	
1			1		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	EST.	
4			4		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST.	
3			3		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST.	
3			3		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST.	
11			11		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-	
25			25		HR	POWER GRADER RENTAL	608.15	EST.	
25			25		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.	
15			15		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.	
25			25		HR	POWER BROOM RENTAL, TYPE II	608.31	EST.	
25			25		HR	TRUCK RENTAL	608.37	EST.	
25			25		HR	LOADER RENTAL, TYPE I	608.40	EST.	
0.75			0.75		MGAL	DUST CONTROL WITH WATER	609.10	EST.	
	2		2		CY	STONE FILL, TYPE I	613.10	0.4	
6			6		EACH	YIELDING MARKER POSTS	619.17	EST.	
875			875		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	7.6	
225			225		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS	621.205	EST.	
2			2		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-	
2			2		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-	
1126			1126		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-	
115			115		LF	REMOVE AND RESET TEMPORARY TRAFFIC BARRIER	621.95	2	
1			1		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-	
820			820		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.	
2460			2460		HR	FLAGGERS	630.15	EST.	
		0.25	0.25		LS	FIELD OFFICE, ENGINEERS	631.10	-	
		0.25	0.25		LS	TESTING EQUIPMENT, CONCRETE	631.16	-	
		0.25	0.25		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-	
		0.25	0.25		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-	
0.25			0.25		LS	MOBILIZATION/DEMOBILIZATION	635.11	-	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
16918	SY	MAINLINE
244	SY	SIDE ROADS
138	SY	ROUNDING
17300	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28)
1431	TON	MAINLINE WEARING COURSE (TYPE IV)
20	TON	SIDE ROADS WEARING COURSE (TYPE IV)
477	TON	LEVELING (TYPE IV)
50	TON	CONCRETE JOINT REPAIR (TYPE V)
172	TON	ROUNDING
2150	TON	TOTAL
		TEMPORARY EROSION MATTING
50	SY	GUARDRAIL TERMINAL SECTIONS
44	SY	DITCHING
1815	SY	SEED PROTECTION
41	SY	ROUNDING
1950	SY	TOTAL

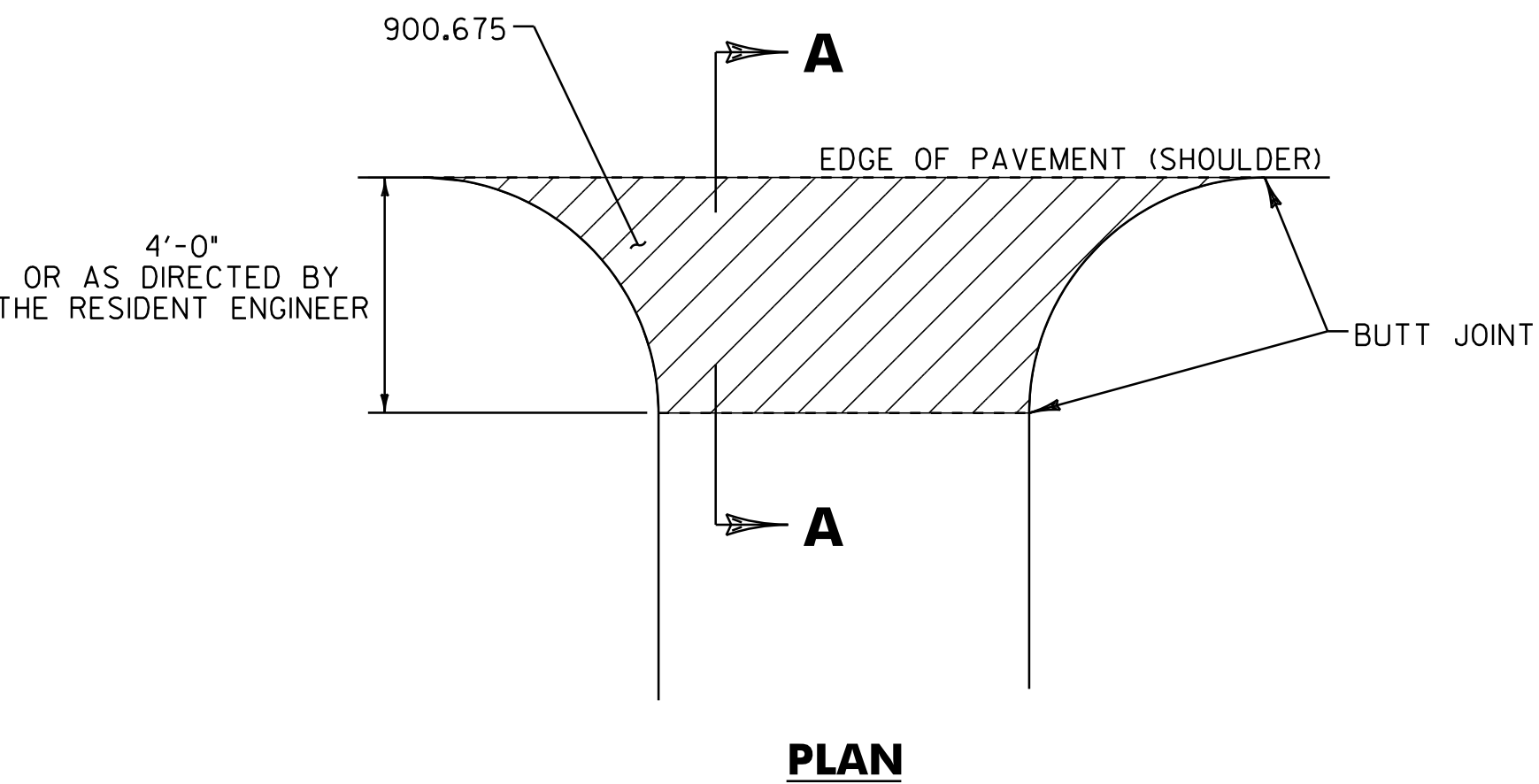
PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(I)
FILE NAME: p06d114.dgn PLOT DATE: 03-AUG-2011 14:11
PROJECT LEADER: JLL DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: JLL
IPARM FILE: p06d114qs01.i SHEET 69 OF 84

ITEM DETAIL SUMMARY SHEET

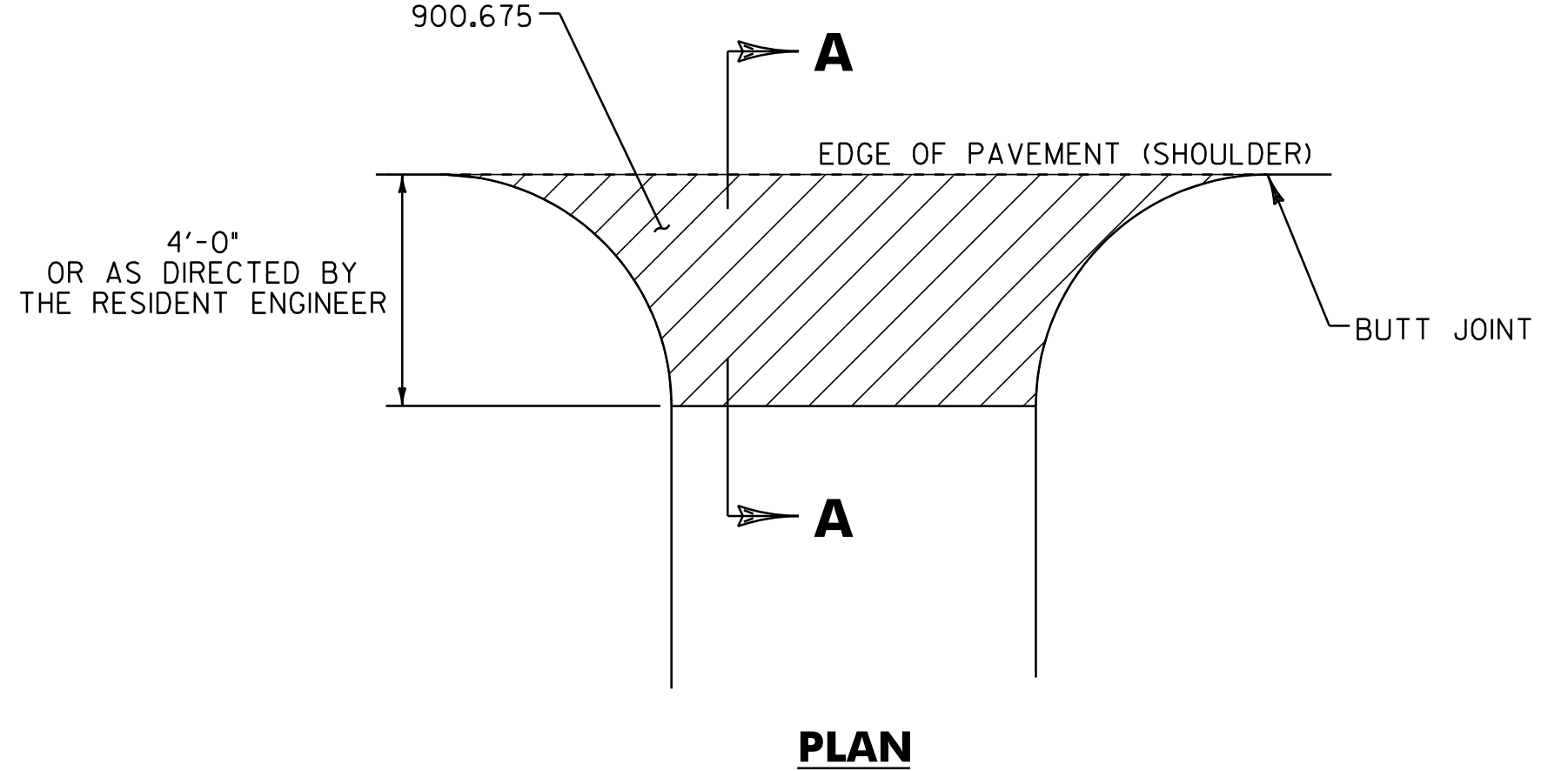
LOCATION			GUARDRAIL					MISCELLANEOUS											REMARKS	
BEGIN STATION	END STATION	POS.	621.20	621.205	621.50	621.60	621.80	203.15	203.30	402.13	604.40	604.412	604.415	604.418	613.10	649.31	653.20	676.10		676.12
			S.B. GR. GALV. LF	S.B. GR. GALV. W/ 8 FT POSTS LF	MTS. FLARED EA	ANCHOR FOR STEEL BEAM RAIL EA	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAVATION CY	EARTH BORROW CY	AGGREGATE SHOULDERS, RAP TON	CHAN ELEV OF DI, CB OR MH EA	REHAB DI, CB, OR MH, CLASS I EA	REHAB DI, CB, OR MH, CLASS II EA	REHAB DI, CB, OR MH, CLASS III EA	STONE FILL, TYPE I CY	GEOTEXTILE UNDER STONE FILL SY	TEMPORARY EROSION MATTING SY	DELINEATOR WITH STEEL POST EACH		REMOVAL OF EXIST. DELINEATOR EACH
U.S. ROUTE 302 MONTPELIER:																				
5+01.60	46+35.84	LT&RT								95										
5+91	46+36	LT&RT									1	4	3	3						
6+85.0	17+10.0	LT	740	225	2		1016		50							50	2	2		
12+61		LT						1.6							1.6	8				
37+80.7	38+93.2	LT	127.4			2	110													
SHEET SUBTOTALS:			867.4	225	2	2	1126	1.6	50	95	1	4	3	3	1.6	8	50	2	2	
ROUNDINGS:			7.6	-	-	-	-	0.4	-	1	-	-	-	-	0.4	2	-	-	-	
TOTALS:			875	225	2	2	1126	2	50	96	1	4	3	3	2	10	50	2	2	

**ITEM
DETAIL
SUMMARY
SHEET**

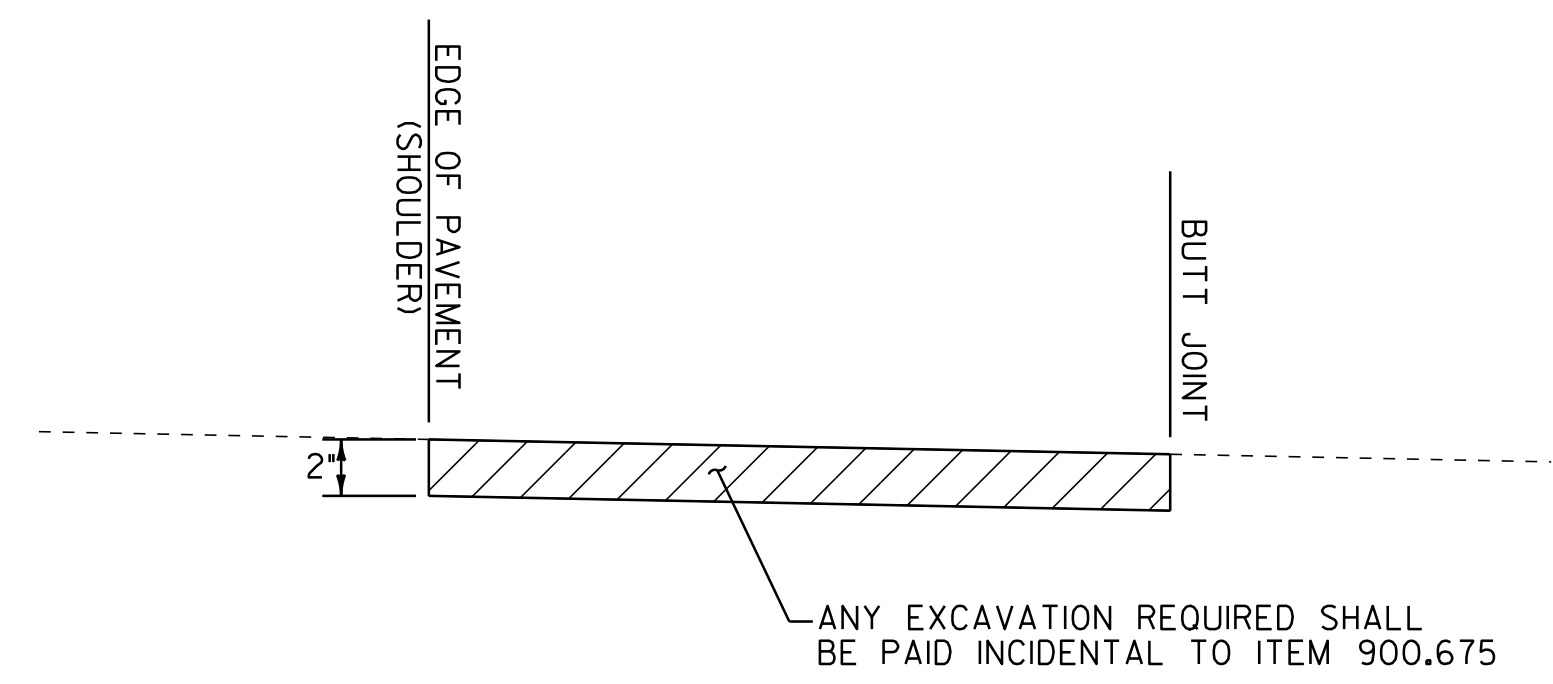
PROJECT NAME: MONTPELIER PROJECT NUMBER: STP 2618(1)	PLOT DATE: 03-AUG-2011 14:11 DRAWN BY: STANTEC CHECKED BY: JLL SHEET 71 OF 84
FILE NAME: p06d114.dgn DESIGNED BY: MCF IPARM FILE: p06d114idss.i	



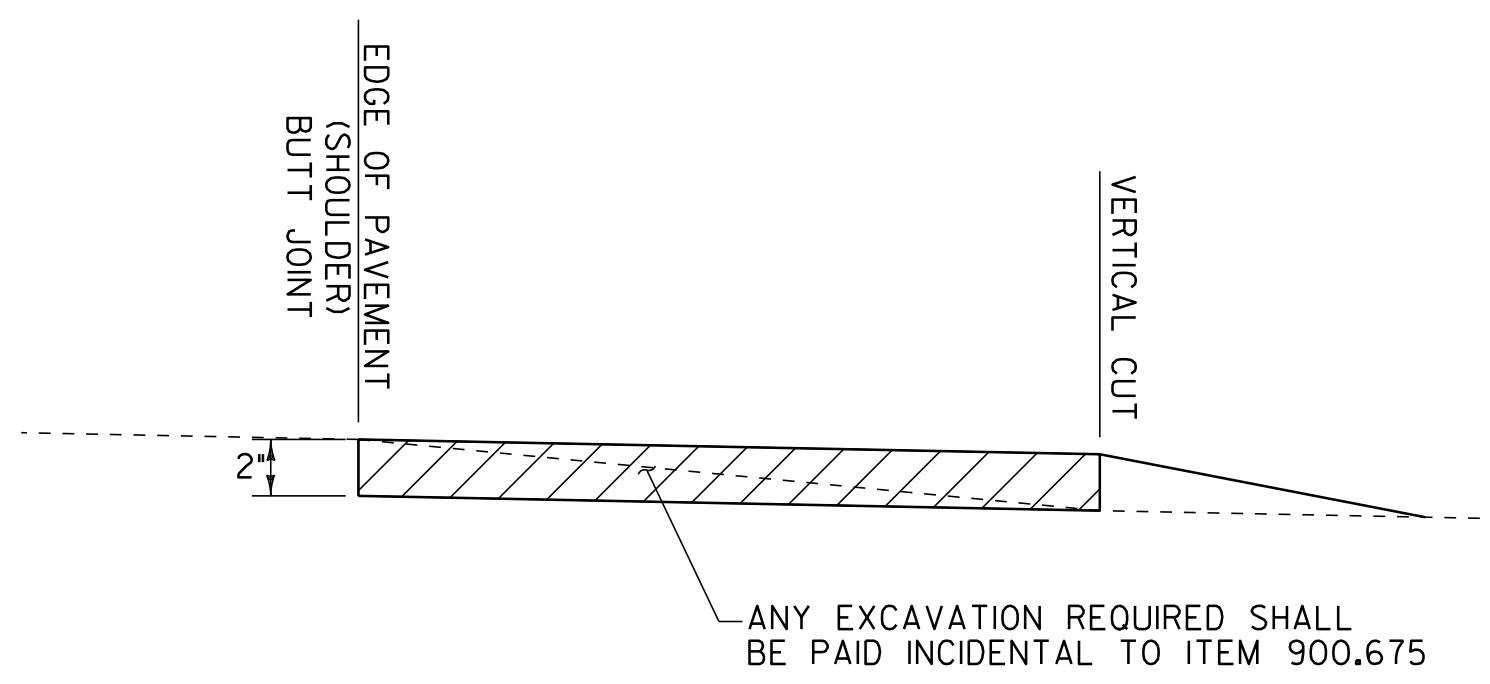
PLAN



PLAN



SECTION



SECTION A-A

HANDWORK DETAILS FOR PAVED DRIVES

HANDWORK DETAILS FOR GRAVEL DRIVES

STATION	POSITION	QUANTITY (SY)
STP 2618(I)		
U.S. ROUTE 302		
6+15	LT	54
13+19	RT	15
17+95	LT	75
19+82	LT	45
21+24	LT	27
22+80	LT	64
24+23	LT	58
27+51	RT	29
28+90	RT	21
29+17	LT	37
29+79	RT	22
30+20	RT	12
31+34	LT	38
31+36	RT	15
32+81	LT	22
35+22	LT	21
35+48	RT	13
36+39	LT	15
36+55	RT	18
37+62	LT	19
39+14	RT	60
39+49	LT	50
40+20	RT	24
41+02	LT	26
41+48	RT	29
42+26	LT	16
43+27	RT	45
45+46	RT	24
45+59	LT	28

NOTES:

- PAVING LIFT NOT TO EXCEED 2" (50mm)
- THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.

LEGEND

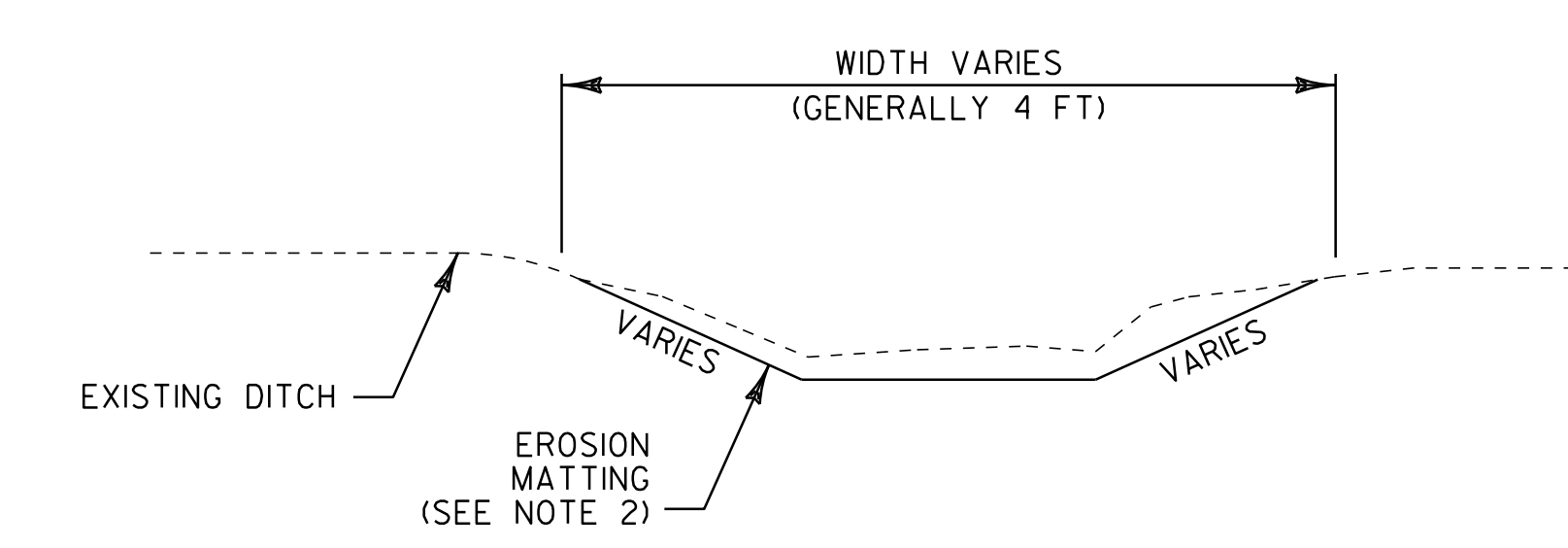


NOT TO SCALE

DRIVE DETAIL SHEET	PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 14:11
	PROJECT NUMBER: STP 2618(I)	DRAWN BY: STANTEC
	FILE NAME: p06d114.dgn	CHECKED BY: JLL
	DESIGNED BY: STANTEC	SHEET 72 OF 84
IPARM FILE: p06d114ds.i		

LOCATION				FEET OF DITCHING			MISC. ITEMS			REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			613.10	649.31	653.20	
				0-1	1-2.5	2.5-10	STONE FILL TYP. 1	GEOT. UNDER STONE FILL	TEMP. EROS. MATT.	
U.S. ROUTE 302 MONTPELIER							CY	SY	SY	
1	15+50	16+50	RT	100					44	
SHEET SUBTOTALS (EST.)				100					44	
ROUNDING				-					-	
SHEET TOTALS				100					44	

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



DITCH DETAIL

- NOTES:
- PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
 - ESTIMATED QUANTITIES OF EROSION MATTING AND SEED HAVE BEEN INCLUDED. DITCHES WITH A GRADE LESS THAN 1 PERCENT SHALL BE SEEDED. EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 1 AND 2.5 PERCENT.



NOT TO SCALE

DITCH CLEANING DETAIL SHEET

PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(1)S

FILE NAME: p06d114.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p06d114dcs.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 73 OF 84

604.412, 604.415 OR 604.418 REHAB.
DIS, CBS OR MHS, CLASS I, II OR III

STA. 5+36, RT
STA. 8+10, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. 10+57, LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 7+35 TO 11+00.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 6+87.0 TO 11+00.0, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA. 6+85.0 TO 7+35, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

STA. 5+01.60 TO 11+00, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

STA. 5+01.60 TO 11+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 5+01.60 TO 11+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 5+01.60 TO 11+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)

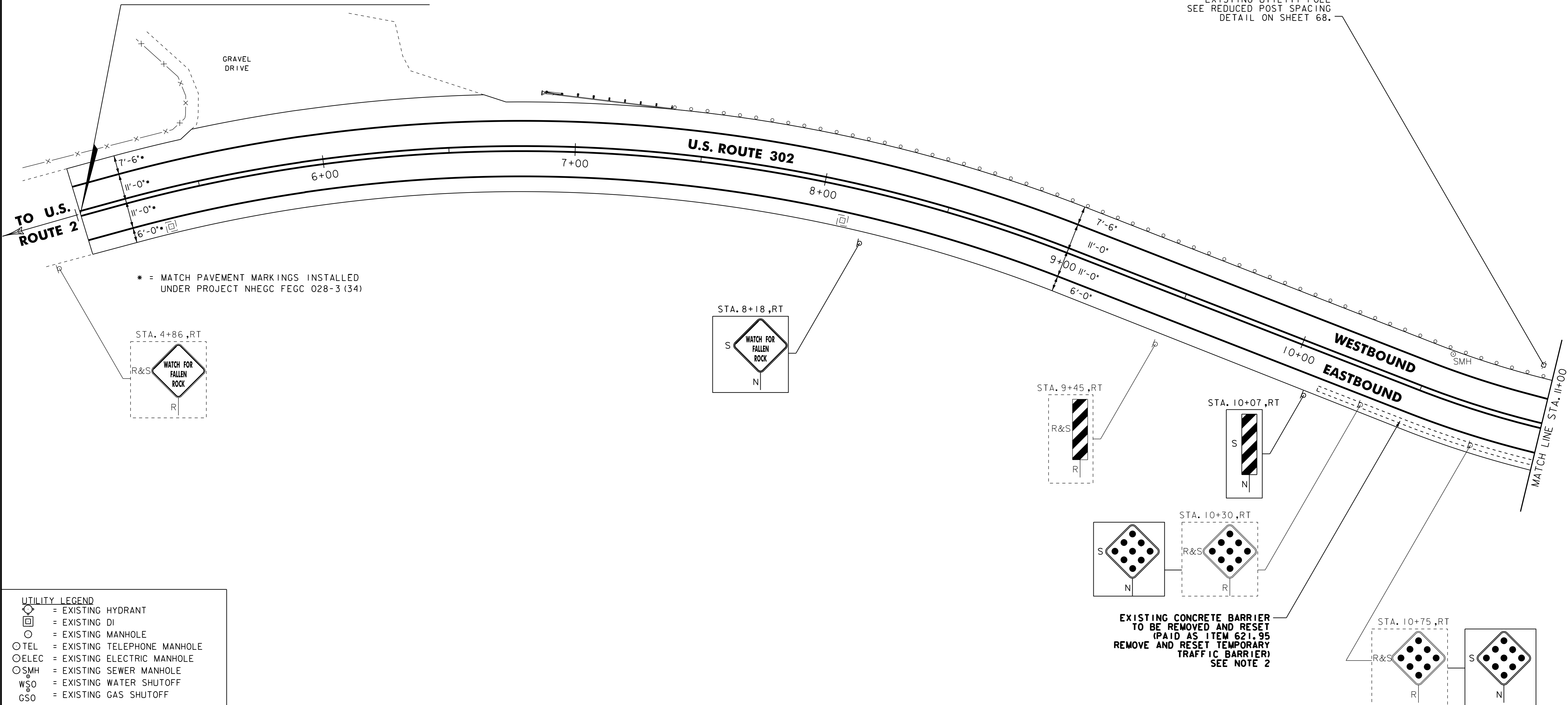
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 4

STA. 10+95, LT
EXISTING UTILITY POLE
SEE REDUCED POST SPACING
DETAIL ON SHEET 68.

**BEGIN STP 2618(1) U.S. ROUTE 302
MONTPELIER CITY STA 5+01.60=MM 0.095**



* = MATCH PAVEMENT MARKINGS INSTALLED
UNDER PROJECT NHEGC FECC 028-3 (34)

EXISTING CONCRETE BARRIER
TO BE REMOVED AND RESET
(PAID AS ITEM 621.95
REMOVE AND RESET TEMPORARY
TRAFFIC BARRIER)
SEE NOTE 2

- UTILITY LEGEND**
- ⊙ = EXISTING HYDRANT
 - ⊠ = EXISTING DI
 - = EXISTING MANHOLE
 - ⊙ TEL = EXISTING TELEPHONE MANHOLE
 - ⊙ ELEC = EXISTING ELECTRIC MANHOLE
 - ⊙ SMH = EXISTING SEWER MANHOLE
 - WSO = EXISTING WATER SHUTOFF
 - GSO = EXISTING GAS SHUTOFF
 - ♣ = EXISTING MAILBOX

- SIGN LEGEND**
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE SIGN
 - RET = RETAIN
 - B-B = BACK TO BACK
 - ⓪ = RETURN TO THE CITY OF MONTPELIER

- NOTES:**
1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 2. CONCRETE BARRIER AND SIGNS TO BE REMOVED AND STOCKPILED PRIOR TO CONSTRUCTION. ONCE PAVING AND MARKINGS ARE COMPLETED, BARRIER AND SIGNS TO BE PUT BACK WITH A MINIMUM OF 3 FEET FROM EDGE OF TRAVELWAY MEASURED FROM BASE OF BARRIER AND AT AN APPROPRIATE TAPER AS DEFINED BY THE ROADSIDE DESIGN GUIDE, OR AS DIRECTED BY RESIDENT ENGINEER.



PROJECT LAYOUT SHEET #1

PROJECT NAME: MONTPELIER		PLOT DATE: 03-AUG-2011 14:11	
PROJECT NUMBER: STP 2618(1)		DRAWN BY: STANTEC	
FILE NAME: p06d114.dgn	DESIGNED BY: MCF	CHECKED BY: JLL	
IPARM FILE: p06d114101.i		SHEET 74 OF 84	

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 11+00.0 TO 16+60, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 16+60 TO 17+10, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 11+00.0 TO 17+03.0, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 11+00 TO 17+00, SOLID LT & RT

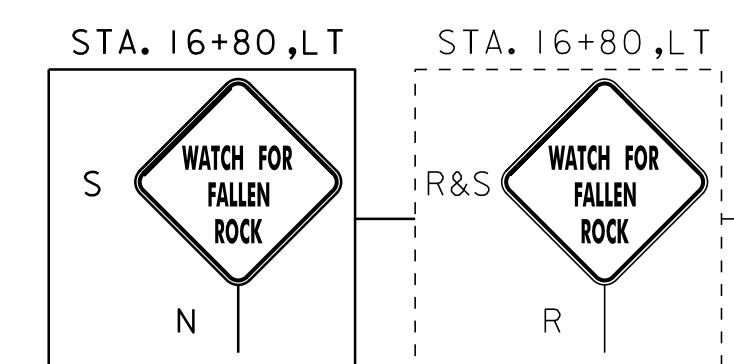
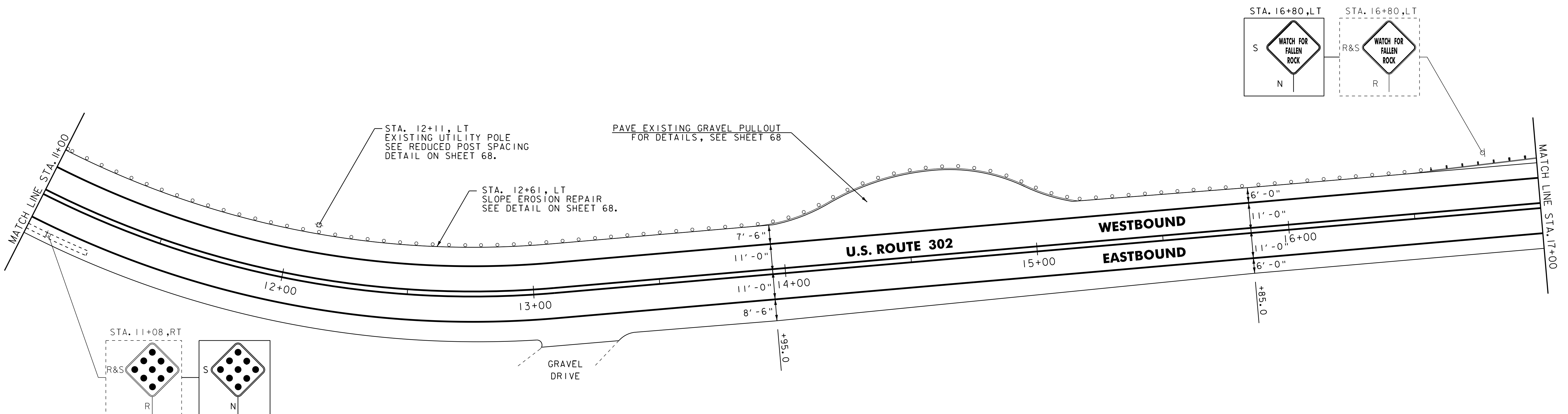
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 11+00 TO 17+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 11+00 TO 17+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 11+00 TO 17+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



- NOTES:
1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 2. FOR LEGEND, SEE LAYOUT #1.

NOT TO SCALE



PROJECT LAYOUT SHEET #2

PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(I)

FILE NAME: p06d114.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06d114102.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 75 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis. CBS OR MHS, CLASS I, II OR III
STA. 19+61, LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 20+96, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 17+00.0 TO 17+03.0, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 17+00 TO 23+00, SOLID LT & RT

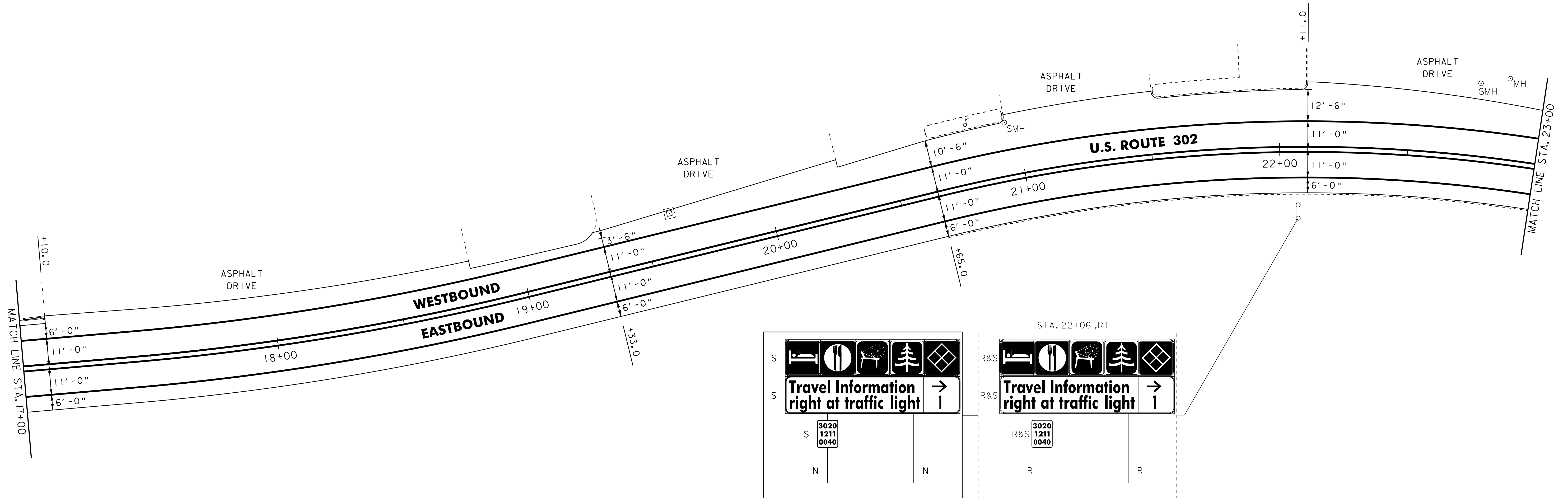
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 17+00 TO 23+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 17+00 TO 23+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 17+00 TO 23+00, SOLID LT & RT

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOTE:
EXISTING T.I.S. SIGN TO BE REMOVED AND BROUGHT TO THE VAOT TRAFFIC SHOP. A NEW SIGN WILL BE SUPPLIED FROM THE TRAFFIC SHOP. NEW SIGN TO BE INSTALLED ON TWO NEW POSTS ABOVE MILE MARKER PLAQUE AS SHOWN. PLEASE CONTACT BERNADETTE PAPINEAU AT 828-2680 TO MAKE ARRANGEMENTS.

- NOTES:
1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 2. FOR LEGEND, SEE LAYOUT #1.

NOT TO SCALE



PROJECT LAYOUT SHEET #3

PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(I)

FILE NAME: p06d114.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06D114I03.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 76 OF 84

604.412, 604.415 OR 604.418 REHAB.
DIS. CBS OR MHS, CLASS I, II OR III
STA. 23+09, RT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 23+32, C/L

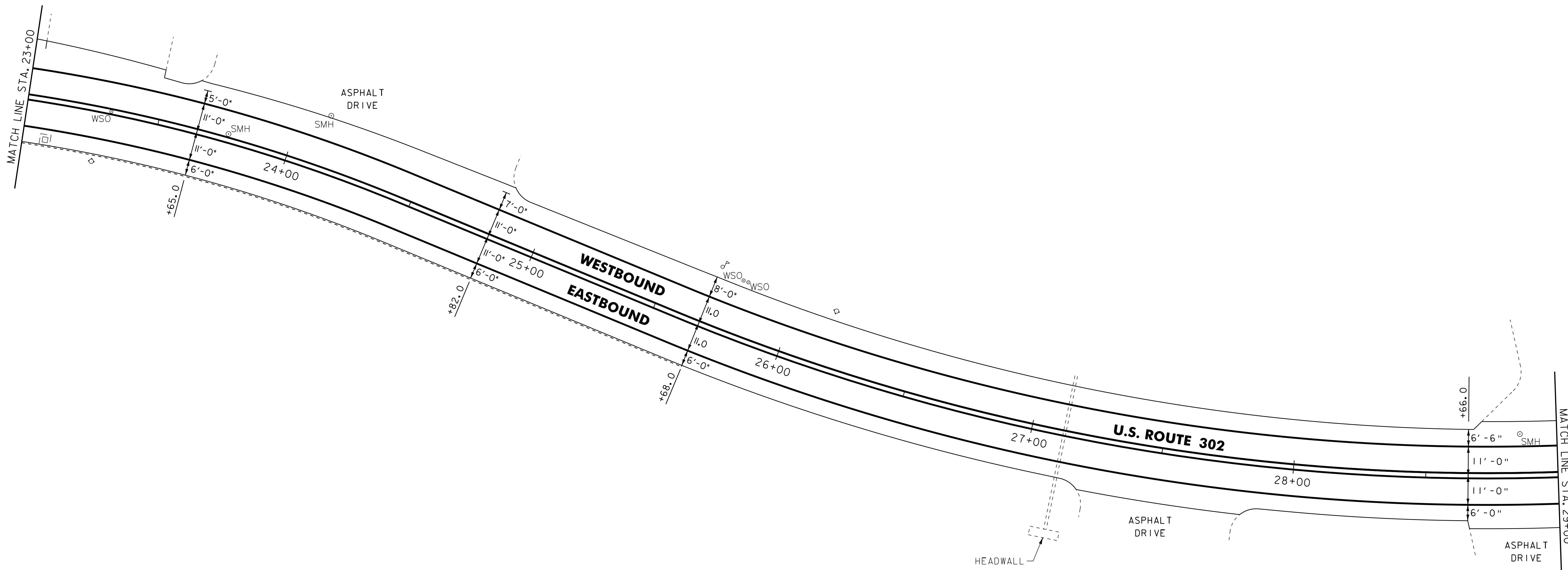
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 23+00 TO 29+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 23+00 TO 29+00, SOLID LT & RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 23+77, LT
STA. 24+11, LT
STA. 28+86, LT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 23+00 TO 29+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 23+00 TO 29+00, SOLID LT & RT



- NOTES:
1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 2. FOR LEGEND, SEE LAYOUT #1.

NOT TO SCALE



PROJECT LAYOUT SHEET #4

PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(I)

FILE NAME: p06d114.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06d114104.i

PLOT DATE: 03-AUG-2011 4:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 77 OF 84

604.412, 604.415 OR 604.418 REHAB.
Dis. CBs OR MHS, CLASS I, II OR III
STA. 32+43, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
STA. 31+17, LT
STA. 32+56, RT
STA. 32+59, LT
STA. 34+60, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
STA. 29+00 TO 35+00, SOLID LT & RT
(INCLUDING EDGE LINE BREAK FOR SIDE ROAD)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
STA. 29+00 TO 35+00, SOLID LT & RT
(INCLUDING EDGE LINE BREAK FOR SIDE ROAD)
STA. 32+58.9, DOUBLE SOLID RT (MOONLIGHT TERRACE)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 32+58.9, RT (MOONLIGHT TERRACE)

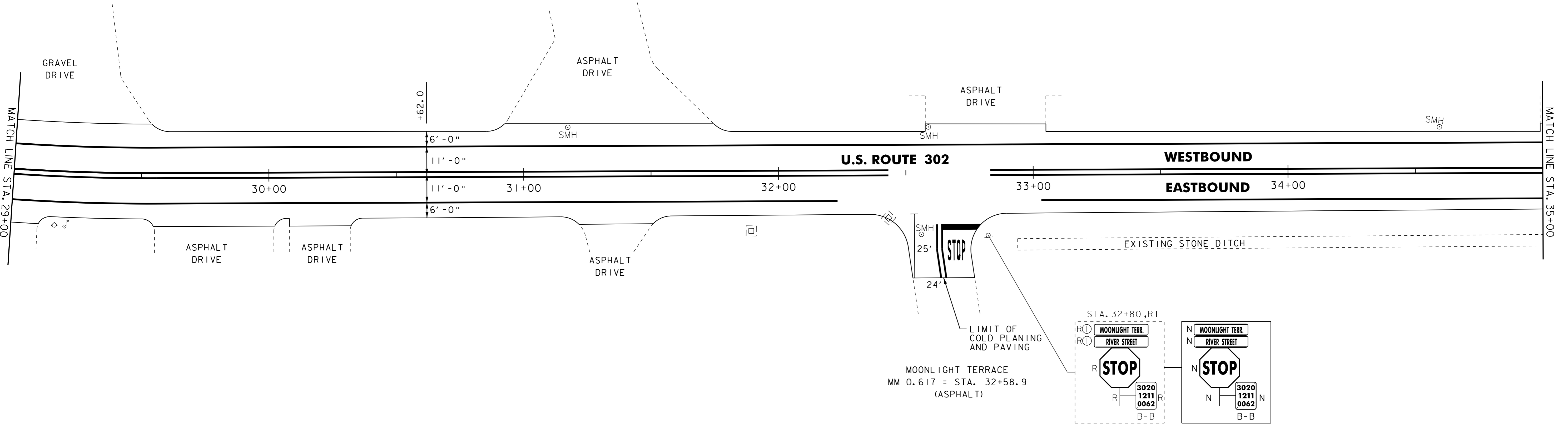
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 32+58.9, RT - 'STOP' (MOONLIGHT TERRACE)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 29+00 TO 35+00, SOLID LT & RT
(INCLUDING EDGE LINE BREAK FOR SIDE ROAD)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 29+00 TO 35+00, SOLID LT & RT
(INCLUDING EDGE LINE BREAK FOR SIDE ROAD)
STA. 32+58.9, DOUBLE SOLID RT (MOONLIGHT TERRACE)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 32+58.9, RT (MOONLIGHT TERRACE)

675.50 REMOVING SIGNS (TYPE A)
AS SHOWN - 4



NOTES:
1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
2. FOR LEGEND, SEE LAYOUT #1.



<p>PROJECT LAYOUT SHEET #5</p>	NOT TO SCALE	
	<p>PROJECT NAME: MONTPELIER PROJECT NUMBER: STP 2618(I)</p>	<p>FILE NAME: p06d114.dgn PROJECT LEADER: JLL DESIGNED BY: MCF IPARM FILE: p06d114105.i</p>
	<p>PLOT DATE: 03-AUG-2011 14:11 DRAWN BY: STANTEC CHECKED BY: JLL SHEET 78 OF 84</p>	

604.412 REHAB. DI'S, CB'S, OR MH'S, CLASS I
 STA. 37+83, RT
 STA. 38+12, RT
 STA. 38+23, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 STA. 37+66, LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 37+80.7 TO 38+93.2, LT

621.60 ANCHOR FOR STEEL BEAM RAIL
 STA. 37+80.7, LT
 STA. 38+93.2, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 37+82 TO 38+92, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 STA. 35+00 TO 41+00, SOLID LT & RT
 (INCLUDING EDGE LINE BREAKS OR RADII FOR SIDE ROADS)
 STA. 37+74.1, DOUBLE SOLID RT (SHERWOOD DRIVE)
 STA. 38+40 TO 39+40, SOLID C (LANE LINE)
 STA. 39+40 TO 40+40, DOTTED C

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 STA. 35+00 TO 36+03, SOLID LT & RT
 STA. 36+03 TO 37+69, DOUBLE SOLID RT & C
 STA. 37+74.1, DOUBLE SOLID RT (SHERWOOD DRIVE)
 STA. 38+40 TO 39+40, DOUBLE SOLID RT
 STA. 39+40 TO 41+00, DOUBLE SOLID RT & C

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
 STA. 36+03 TO 37+69, SOLID DIAGONALS RT
 STA. 39+40 TO 41+00, SOLID DIAGONALS RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
 STA. 37+74.1, RT (SHERWOOD DRIVE)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA. 37+74.1, RT - 'STOP' (SHERWOOD DRIVE)
 STA. 38+53, RT - ARROW
 STA. 38+93, RT - 'ONLY'
 STA. 39+33, RT - ARROW

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 STA. 35+00 TO 41+00, SOLID LT & RT
 (INCLUDING EDGE LINE BREAKS OR RADII FOR SIDE ROADS)
 STA. 37+74.1, DOUBLE SOLID RT (SHERWOOD DRIVE)
 STA. 38+40 TO 39+40, SOLID C (LANE LINE)
 STA. 39+40 TO 40+40, DOTTED C

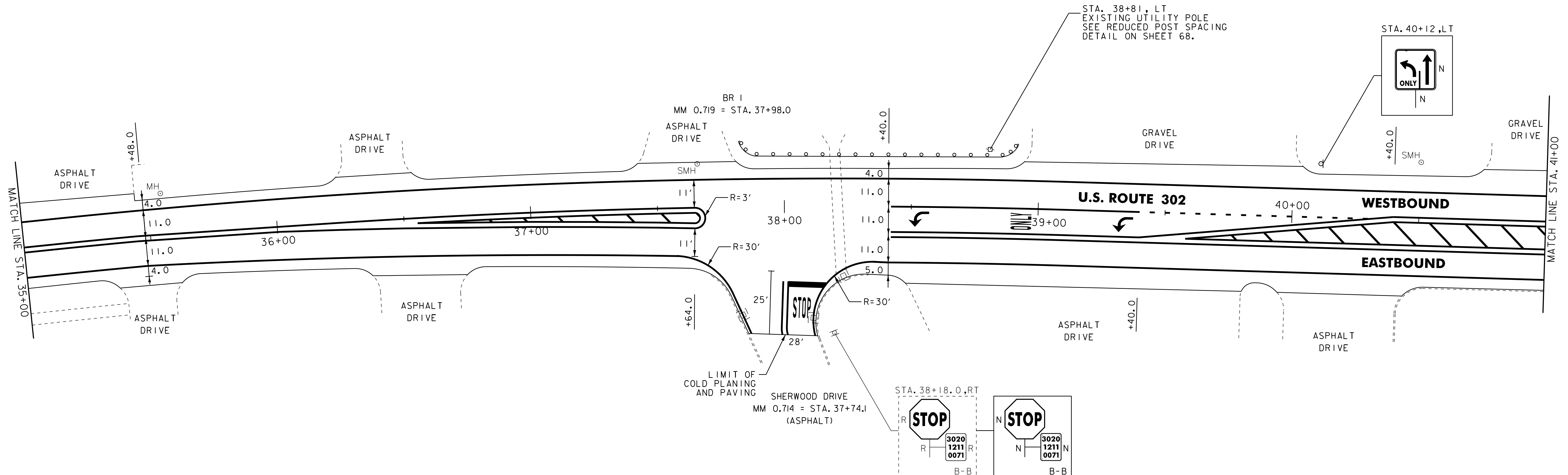
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 STA. 35+00 TO 36+03, SOLID LT & RT
 STA. 36+03 TO 37+69, DOUBLE SOLID RT & C
 STA. 37+74.1, DOUBLE SOLID RT (SHERWOOD DRIVE)
 STA. 38+40 TO 39+40, DOUBLE SOLID RT
 STA. 39+40 TO 41+00, DOUBLE SOLID RT & C

646.652 TEMPORARY 8 INCH YELLOW LINE, PAINT
 STA. 36+03 TO 37+69, SOLID DIAGONALS RT
 STA. 39+40 TO 41+00, SOLID DIAGONALS RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 37+74.1, RT (SHERWOOD DRIVE)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 38+53, RT - ARROW
 STA. 39+33, RT - ARROW

675.50 REMOVING SIGNS (TYPE A)
 AS SHOWN - 2



NOTES:
 1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 2. FOR LEGEND, SEE LAYOUT #1.



NOT TO SCALE

PROJECT LAYOUT SHEET #6

PROJECT NAME: MONTPELIER
 PROJECT NUMBER: STP 2618(I)

FILE NAME: p06d114.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: MCF
 IPARM FILE: p06d114106.i

PLOT DATE: 03-AUG-2011 14:12
 DRAWN BY: STANTEC
 CHECKED BY: JLL
 SHEET 79 OF 84

604.412 REHAB. DI'S, CB'S, OR MH'S, CLASS 1
 STA. 43+23, LT
 STA. 45+31, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES
 STA. 41+72, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 STA. 41+00 TO 46+35.84, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 STA. 41+00 TO 42+74, DOUBLE SOLID RT & C
 STA. 42+74 TO 46+35.84, SOLID C & RT
 STA. 42+74 TO 46+35.84, DOUBLE DASHED C & RT

646.452 DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC
 STA. 41+00 TO 42+74, SOLID DIAGONALS RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 STA. 42+92, RT - ARROW
 STA. 43+08, RT - ARROW
 STA. 44+51, RT - ARROW
 STA. 44+67, RT - ARROW
 STA. 46+10, RT - ARROW
 STA. 46+26, RT - ARROW

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 STA. 41+00 TO 46+35.84, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 STA. 41+00 TO 42+74, DOUBLE SOLID RT & C
 STA. 42+74 TO 46+35.84, SOLID C & RT
 STA. 42+74 TO 46+35.84, DOUBLE DASHED C & RT

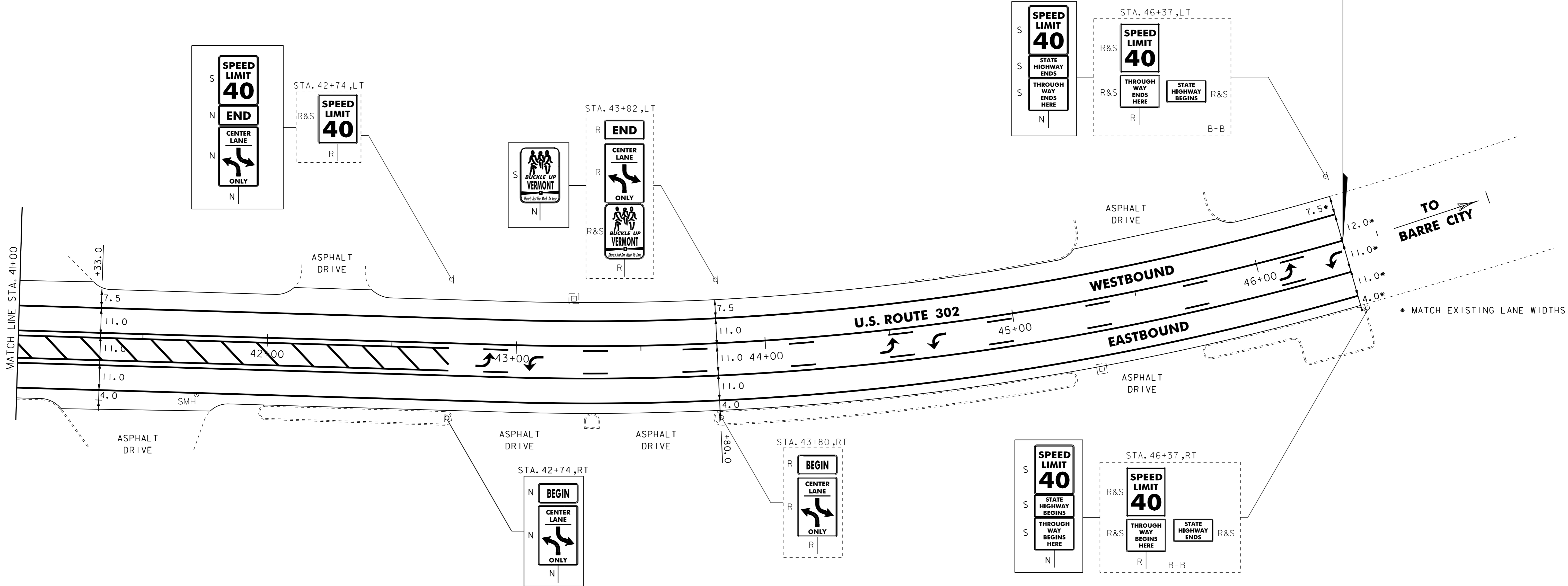
646.652 TEMPORARY 8 INCH YELLOW LINE, PAINT
 STA. 41+00 TO 42+74, SOLID DIAGONALS RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 42+92, RT - ARROW
 STA. 43+08, RT - ARROW
 STA. 44+51, RT - ARROW
 STA. 44+67, RT - ARROW
 STA. 46+10, RT - ARROW
 STA. 46+26, RT - ARROW

675.50 REMOVING SIGNS (TYPE A)
 AS SHOWN - 12

675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 8

**END STP 2618(1) U.S. ROUTE 302
 MONTPELIER CITY STA 46+35.84=MM 0.878**



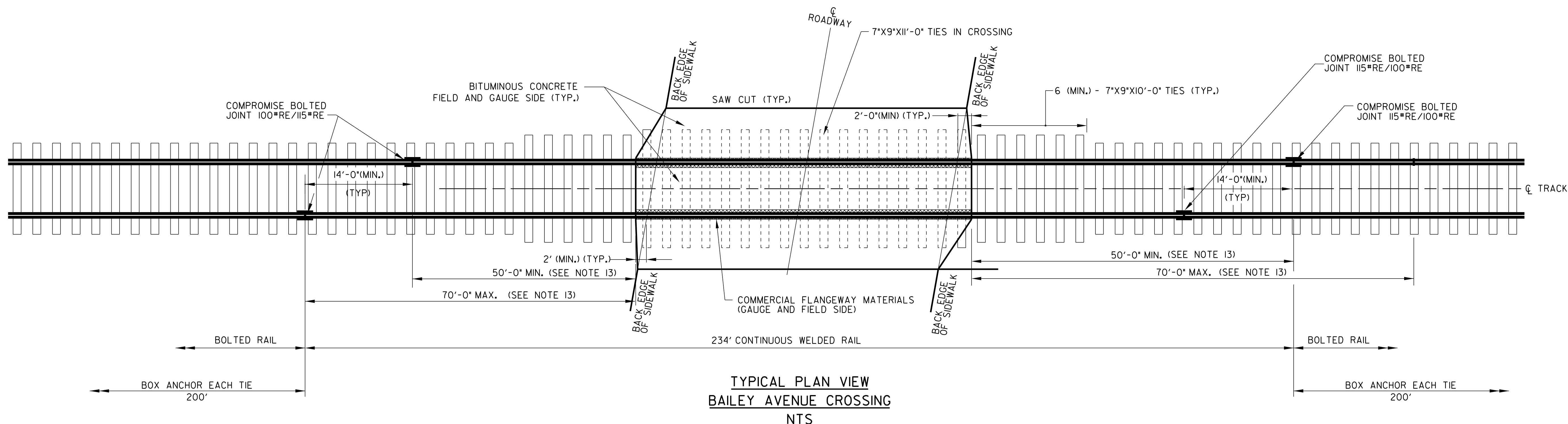
- NOTES:
 1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED AS DIRECTED BY THE RESIDENT ENGINEER.
 2. FOR LEGEND, SEE LAYOUT #1.

NOT TO SCALE

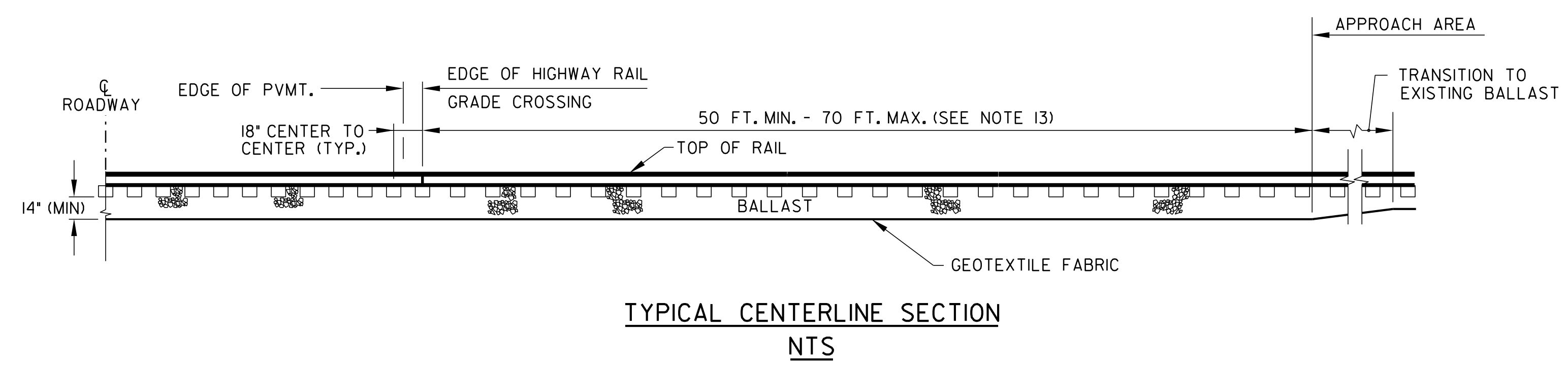


PROJECT LAYOUT SHEET #7

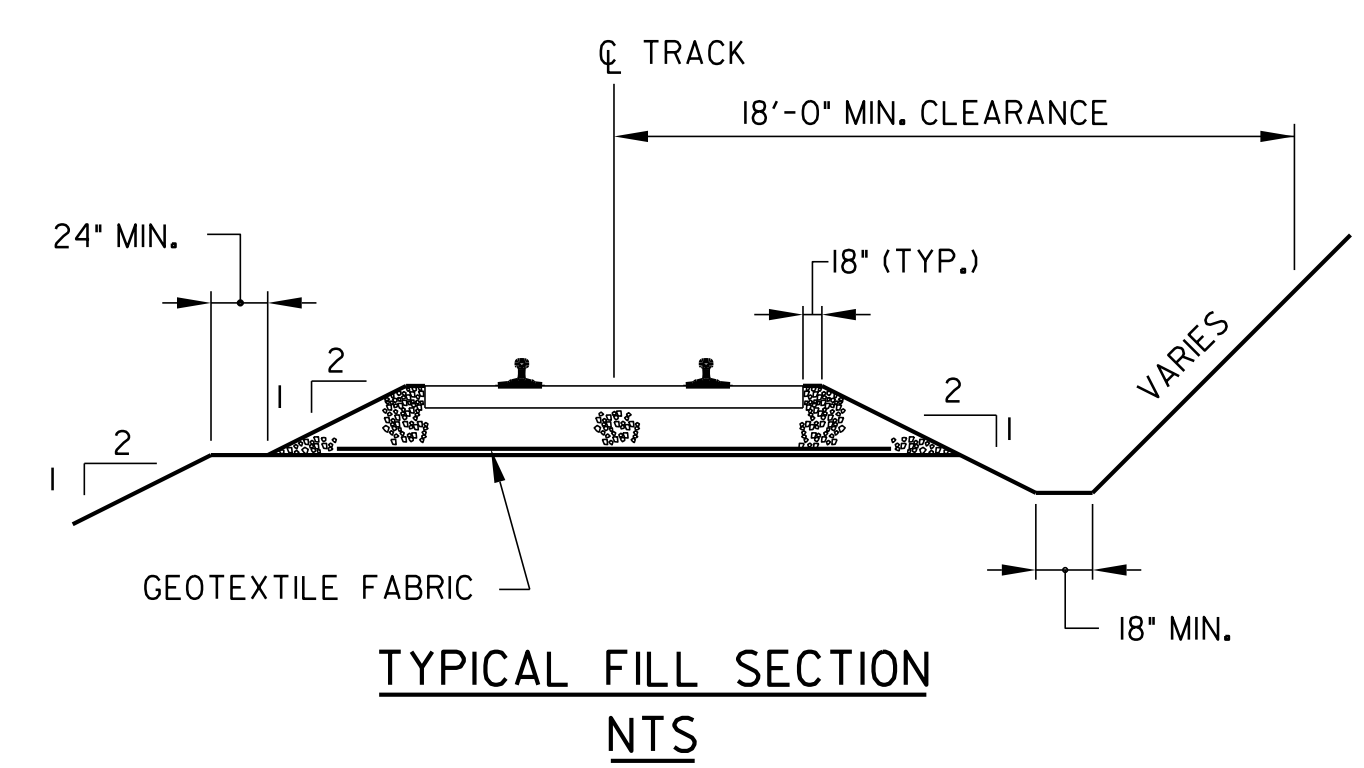
PROJECT NAME: MONTPELIER	PLOT DATE: 03-AUG-2011 14:2
PROJECT NUMBER: STP 2618(1)	DRAWN BY: STANTEC
FILE NAME: p06d114.dgn	CHECKED BY: JLL
PROJECT LEADER: JLL	SHEET 80 OF 84
DESIGNED BY: MCF	
IPARM FILE: p06d114107.i	



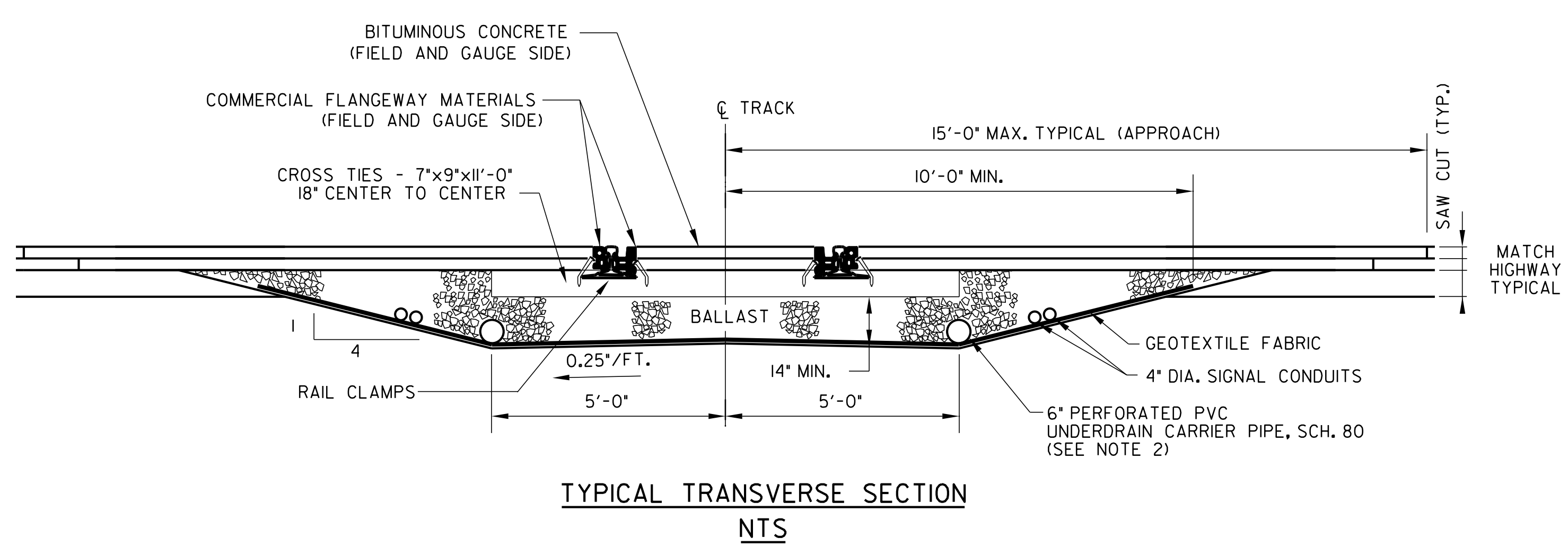
TYPICAL PLAN VIEW
BAILEY AVENUE CROSSING
NTS



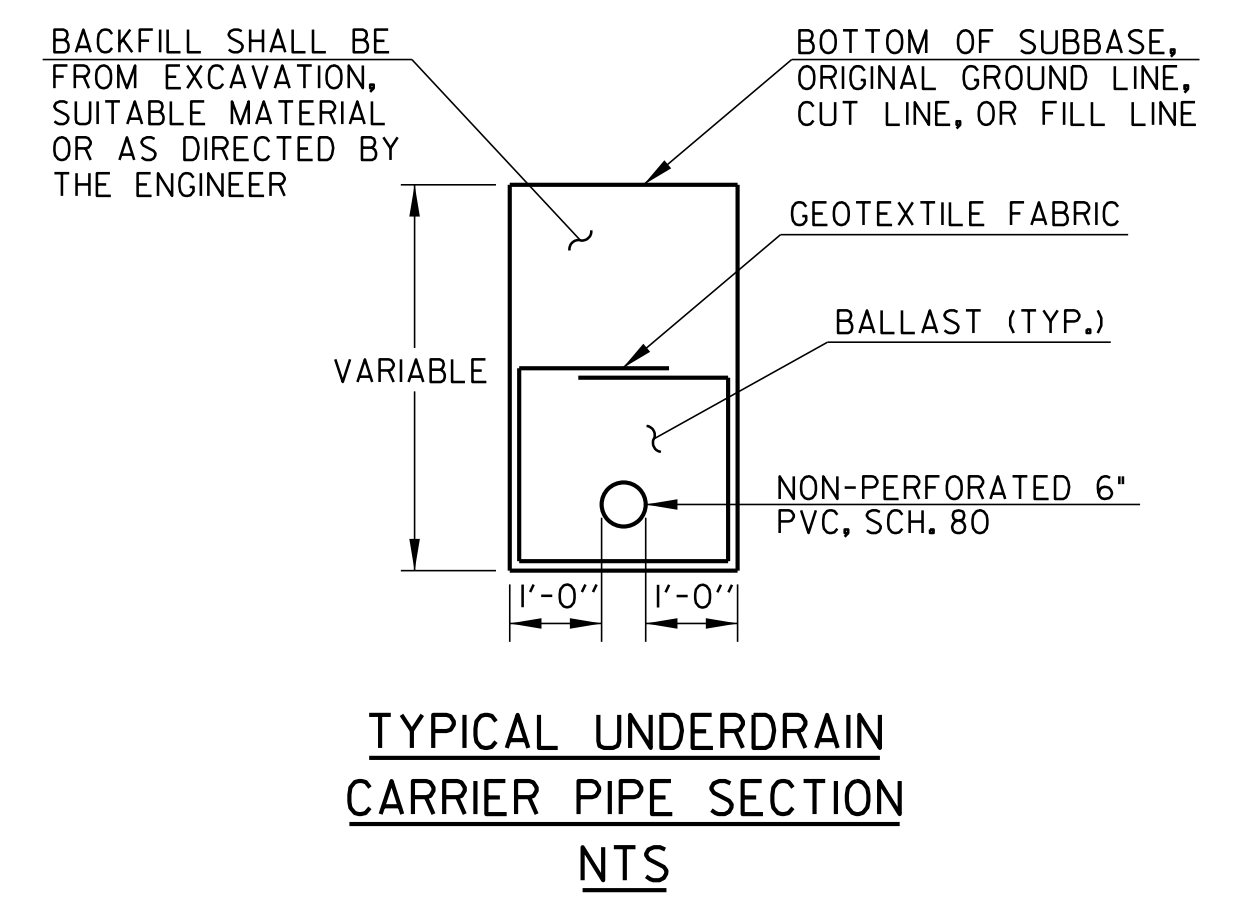
TYPICAL CENTERLINE SECTION
NTS



TYPICAL FILL SECTION
NTS



TYPICAL TRANSVERSE SECTION
NTS



TYPICAL UNDERDRAIN
CARRIER PIPE SECTION
NTS

GENERAL NOTES

1. NEW UNDERDRAIN CARRIER PIPE SHALL OUTLET AS DIRECTED BY THE RESIDENT ENGINEER. PERFORATIONS TO BE PLACED NEAR FLOW LINE OF PIPE.
2. ALL RAIL JOINTS WITHIN THE CROSSING AREA AND 50'-0" BEYOND WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES.
3. TIE SPACING UNDER CWR AREA SHALL BE 18 INCHES ON CENTER OR AS REQUIRED BY THE RAILROAD.
4. NEW 7"x9"x11'-0" TIES SHALL BE USED IN CROSSING AREA AS SHOWN. TIES IN APPROACH AREAS SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER.
5. TIE PLATES SHALL BE NEW 14 INCH DOUBLE SHOULDER PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES.
6. BALLAST SHALL EXTEND 18" BEYOND END OF TIES AND SLOPED 1:2 TO THE ROADBED. (SEE DETAIL)
7. TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
8. MANUFACTURERS SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS.
9. INSTALLATION OF INSULATED JOINTS: THE MAXIMUM STAGGER BETWEEN RAIL JOINTS SHALL BE 4'-6", MINIMUM SHALL BE 3'-6".
10. APPROACH ASPHALT ROADWAY PAVING SHALL FOLLOW LATEST EDITION OF THE AGENCY'S STANDARD SPECIFICATION FOR CONSTRUCTION AND SHALL BE INSTALLED WITH PAVING MACHINE WITH MINIMUM 3" LIFTS (UNLESS OTHERWISE DIRECTED BY THE ENGINEER) AND SHALL BE LAID PARALLEL TO CROSSING TO MINIMIZE APPROACH SETTLEMENT.
11. CONTRACTOR SHALL ADD BALLAST, LINE, TAMP, AND SURFACE TRACK IN APPROACH AREAS TO OBTAIN A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED TRACK TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THIS WORK IS INCIDENTAL TO THE RAIL-HIGHWAY CROSSING ITEM. APPROACH AREA SHALL BE DEFINED AS 100 FEET FROM EDGE OF ROADWAY FOR BASIS OF PAYMENT.
12. JOINTS SHALL BE A MINIMUM OF 50 FEET AND A MAXIMUM OF 70 FEET FROM EDGE OF TRAVELLED WAY.

PROJECT NAME: MONTPELIER	
PROJECT NUMBER: NH 2604(1)	
FILE NAME: 6B034.DGN	PLOT DATE:
PROJECT LEADER:	DRAWN BY:
DESIGNED BY:	CHECKED BY:
06B034RR.I	SHEET OF