STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC DATA
SEE SHEET 2

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. –BERLIN, VT

RESIDENT ENGINEER: TOM CHASE

CONSTRUCTION BEGAN: APRIL 30, 2013

CONSTRUCTION COMPLETE: OCTOBER 8, 2013

RECORD PLANS BY: TOM CHASE AND PERCY BANNERMAN

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

BY Thomas A. Chase RESIDENT ENGINEER

DATE March 10, 2015

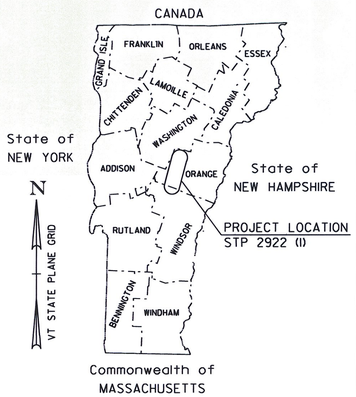
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
BETHEL DL/DL ESAL	1010000
RANDOLPH DL/DL ESAL	1158000
NORTHFIELD DL/DL ESAL	763000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(B)

PROPOSED IMPROVEMENT
TOWNS OF BETHEL, RANDOLPH, AND NORTHFIELD
COUNTIES OF WINDSOR, ORANGE, AND WASHINGTON
VT ROUTES 12, 12A & 66, CLASS I TOWN HIGHWAYS
MAJOR COLLECTORS

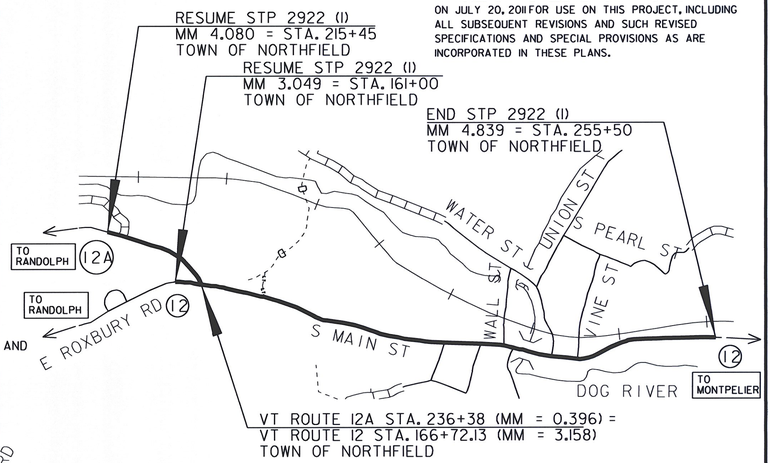
PROJECT LOCATION: SEE SHEET 2 FOR PROJECT LOCATIONS

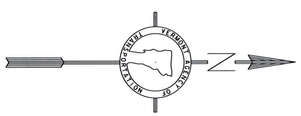
STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF BETHEL		
RT 12 STA. 76+07.00 TO STA. 123+86.00 (MM 1.441 TO MM 2.346)	4779.00	0.905
TOWN OF RANDOLPH 66.00	8447.00	1.600
RT 12 STA. 77+19.00 TO STA. 161+~~53.00~~ (MM 1.462 TO MM 3.059)	~~8434.00~~	~~1.597~~
RT 12A STA. 0+00.00 TO STA. 20+60.00 (MM 0000 TO MM 0.390)	2060.00	0.390
RT 66 STA. 0+00.00 TO STA. 22+51.00 (MM 0000 TO MM 0.426)	2251.00	0.426
VILLAGE OF NORTHFIELD		
RT 12 STA. 161+00.00 TO STA. 255+50.00 (MM 3.049 TO MM 4.839)	9450.00	1.790
RT 12A STA. 215+45.00 TO STA. 236+33.00 (MM 4.080 TO MM 4.476)	2088.00	0.396
TOTAL ROADWAY LENGTH = 29075 ~~29062.00~~		~~5.504~~ 5.507
TOTAL PROJECT LENGTH = 29075 ~~29062.00~~		~~5.504~~ 5.507



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 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.





QUALITY ASSURANCE PROGRAM: LEVEL 3

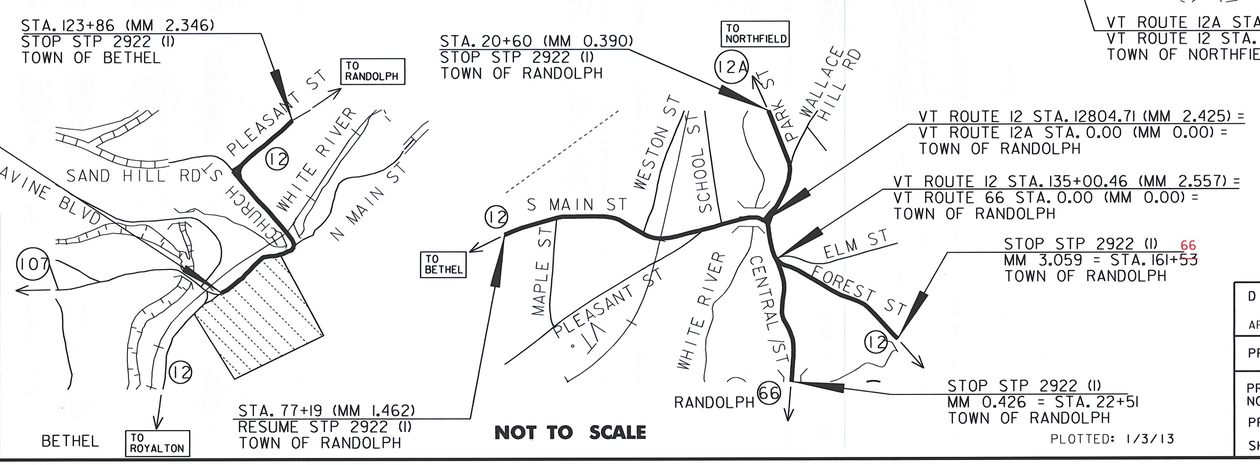
PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A LEVELING COURSE, AND WEARING COURSE, PAVEMENT MARKINGS, SIDEWALK RAMPS WITH TRUNCATED DOMES, SIGNALIZATION IMPROVEMENTS, GUARDRAIL IMPROVEMENTS AND OTHER HIGHWAY RELATED ITEMS.

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 SR SR SR
TOP OF CUT
TOE OF SLOPE

DuBois & King inc.
engineering planning management development

DATUM
VERTICAL N/A
HORIZONTAL N/A



NOT TO SCALE

PLOTTED: 1/3/13

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE _____

PROJECT MANAGER : MIKE FOWLER, P.E.

PROJECT NAME : BETHEL -RANDOLPH - NORTHFIELD

PROJECT NUMBER : STP 2922 (I)

SHEET 1 OF 149 SHEETS

INDEX OF SHEETS

1	TITLE SHEET
2	INDEX OF SHEETS
3	PROJECT NOTES SHEET
4-6	PROJECT TYPICAL SHEETS 1-3
7-8	BLANK
9	HANDWORK FOR DRIVES DETAIL SHEET
10-12	QUANTITY SHEETS 1-3
13-18	ITEM DETAIL SUMMARY SHEETS 1-6
19	BLANK
20-73	PROJECT LAYOUT SHEETS 1-54
74	INTERSECTION TRAFFIC SIGNAL EQUIPMENT SHEET
75-133	TRAFFIC SIGN SUMMARY SHEETS 1-56
134-135	BLANK
136-139	TRAFFIC SIGN DETAIL SHEETS 1-4
140	SIGN FRAME DETAIL SHEET
141-142	MISCELLANEOUS DETAIL SHEETS 1-2
143-146	TRAFFIC CONTROL SHEETS 1-4
147-149	CONSTRUCTION APPROACH SIGNING SHEET
	BRIDGE JOINT ASPHALTIC PLUG - STRUCTURES DETAIL SD-516.10

TRAFFIC DATA

BETHEL-NORTHFIELD	AADT		DHV		TOTAL ESALS	TOTAL ESALS
	2013	2023	2013	2023	(2013-2023)	(2013-2033)
BETHEL						
BEGIN PROJECT TO NORTH MAIN ST. (TH*5)	6100	6200	640	650	889,000	2,020,000
NORTH MAIN ST TO SAND HILL RD (TH*44)	4800	5000	510	530	733,000	1,692,000
SAND HILL RD TO END OF PROJECT	4100	4200	430	440	674,000	1,487,000
RANDOLPH						
BEGIN VT 12 PROJECT TO MAPLE STREET	4300	4400	480	500	408,000	953,000
MAPLE STREET TO BACK STREET	6900	7100	780	800	762,000	1,754,000
BACK STREET TO VT 12A	9400	9700	1100	1100	1,015,000	2,522,000
VT 12A TO VT 66	8700	8900	980	1000	1,071,000	2,647,000
VT 66 TO END VT 12 PROJECT	1500	1600	190	200	227,000	566,000
BEGIN VT 12A PROJECT TO END VT 12A PROJECT	3100	3200	360	370	291,000	676,000
BEGIN VT 66 PROJECT TO END VT 66 PROJECT	6900	7200	780	810	927,000	2,316,000
NORTHFIELD						
BEGIN VT 12 PROJECT TO DEPOT SQUARE	6900	7100	730	750	602,000	1,360,000
DEPOT SQUARE TO END VT 12 PROJECT	5600	5800	630	650	652,000	1,526,000
BEGIN VT 12A PROJECT TO END VT 12A PROJECT	1900	2000	230	240	190,000	442,000

VAOT STANDARDS

C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB	10/14/05
C-2B	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK AND GREEN STRIP	10/14/05
C-3A	SIDEWALK RAMPS	03/10/08
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	03/10/08
C-10	CURBING	02/11/08
D-8	REINFORCED CONCRETE DROP INLET WITH PRECAST COVER REINFORCED CONCRETE DROP INLET WITH GRATE (BOTTOM SECTION)	01/03/00
D-9	REINFORCED CONCRETE DROP INLET WITH VERTICAL CURB REINFORCED CONCRETE DROP INLET THROAT ADAPTER	06/01/94
D-10	TOP FOR A DROP INLET WITH BITUMINOUS CONCRETE CURB TOP FOR A DROP INLET GRANITE SLOPE EDGING	06/01/94
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/ CAST IRON GRATE PRECAST REINFORCED CONCRETE MANHOLE W/ CAST IRON COVER CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E	06/01/94
D-16	PRECAST REINFORCED CONCRETE CURB DROP INLET WITH CAST IRON GRATE CAST IRON GRATE, TYPE B CAST IRON GRATE, TYPE C UNDERDRAIN RISER REINFORCED CONCRETE PIPE END SECTION ENERGY DISSIPATOR FOR CULVERT	06/01/94
E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTIO-N SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS CONSTRUCTION AREAS	05/01/04
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03/01/04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06/30/03
E-107A	BREAKAWAY BARRICADE DETAILS	06/08/09
E-108A	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS FOR PAVING	06/08/09
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/95
E-111	MINOR MAINTENANCE OPERATION	03/11/97
E-112	TRAFFIC CONTROL FOR TYPICAL MOVING MAINTENANCE OPERATIONS	01/23/97
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08/08/95
E-136B	STATE ROUTE MARKER SIGN DETAILS	08/08/95
E-138	MILEMARKER DETAILS STATE & TOWN HIGHWAYS	05/30/03
E-140	REGULATORY SIGN DETAILS	08/30/96
E-141	REGULATORY SIGN DETAILS	09/20/95
E-142	REGULATORY SIGN DETAILS	09/20/95
E-143	REGULATORY SIGN DETAILS	06/15/04
E-144	REGULATORY SIGN DETAILS	03/29/99
E-145A	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS TWO AND FOUR LANE APPROACHES	12/23/94
E-145B	REGULATORY SIGN DETAILS LANE USE CONTROL SIGNS THREE LANE APPROACHES	12/23/94
E-146	REGULATORY SIGN DETAILS	09/20/95
E-150	WARNING SIGN DETAILS	05/01/04
E-151	WARNING SIGN DETAILS	05/01/04
E-152	WARNING SIGN DETAILS	05/01/04
E-153	WARNING SIGN DETAILS	05/01/04
E-154	WARNING SIGN DETAILS	05/01/04
E-155	WARNING SIGN DETAILS	05/01/04
E-163	TUBULAR STEEL SIGN POST	05/20/99
E-164	SQUARE STEEL SIGN POST	06/08/09
E-172	VEHICLE DETECTOR LOOP DETAILS	08/09/95
E-190	RAILROAD CROSSING SIGNS AND PAVEMENT MARKINGS	06/30/03
E-191	PAVEMENT MARKING DETAILS	02/01/99
E-192	PAVEMENT MARKING DETAILS	10/12/00
E-193	PAVEMENT MARKING DETAILS	08/18/95
G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS STEEL BEAM GUARDRAIL WITH WOOD POSTS	01/03/00
G-1D	STEEL BEAM GUARDRAIL APPROACH END TERMINAL STEEL BEAM GUARDRAIL TRAILING END TERMINAL ANCHOR FOR STEEL BEAM GUARDRAIL STEEL BEAM MEDIAN BARRIER	01/03/00
G-19	GENERIC PLANS FOR GUARDRAIL END TERMINALS	11/15/02

PROJECT LOCATIONS:

TOWN OF BETHEL / WINDSOR COUNTY

VT ROUTE 12 BEGINNING APPROXIMATELY 300 FEET NORTH OF THE INTERSECTION OF VT ROUTE 107 AT STA. 76+07.00 (MM 1.441) AND EXTENDING NORTHERLY FOR A DISTANCE OF 4779.00 FT (0.905 MILES) TO A STOPPING POINT APPROXIMATELY 150 FT SOUTH OF THE BETHEL SCHOOLS NORTHERN ENTRANCE AT STA. 123+86.00 (MM 2.346).

TOWN OF RANDOLPH / ORANGE COUNTY

VT ROUTE 12 BEGINNING APPROXIMATELY 900 FEET NORTH OF THE INTERSECTION OF TATRO HILL ROAD AT STA. 77+19.00 (MM 1.462) AND EXTENDING NORTHERLY A DISTANCE OF 8,434.00 FT (1.597 MILES) TO A STOPPING POINT APPROXIMATELY 650 FT NORTH OF THE INTERSECTION OF AYERS BROOK ROAD AT STA. 161+53.00 (MM 3.059).

VT ROUTE 12A BEGINNING AT THE INTERSECTION OF VT ROUTE 12 AT STA. 00+00.00 (MM 0.000) AND EXTENDING NORTHERLY A DISTANCE OF 2,060.00 FT (0.390 MILES) TO AN ENDING APPROXIMATELY 200 FT NORTH OF THE RANDOLPH TOWN RECREATION CENTER AT STA. 20+60 (MM 0.390).

VT ROUTE 66 BEGINNING AT THE INTERSECTION OF VT ROUTE 12 AT STA. 00+00.00 (MM 0.000) AND EXTENDING NORTHERLY A DISTANCE OF 2251.00 FT (0.426 MILES) TO AN ENDING APPROXIMATELY 430 FT EAST OF HEDDING DRIVE AT STA. 22+51.00 (MM 0.426)

TOWN OF NORTHFIELD / WASHINGTON COUNTY

VT ROUTE 12A BEGINNING APPROXIMATELY 500 FEET SOUTH OF THE INTERSECTION OF WELLFIELD LANE AT STA. 215+45.00 (MM 4.080) AND EXTENDING NORTHERLY A DISTANCE OF 2088.00 FT (0.396 MILES) ENDING AT THE INTERSECTION OF VT ROUTE 12 AT STA. 236+33 FT (MM 4.476).

VT ROUTE 12 BEGINNING APPROXIMATELY 550 FEET SOUTH OF THE INTERSECTION OF VT ROUTE 12A AT STA. 161+00.00 (MM 3.049) AND EXTENDING NORTHERLY A DISTANCE OF 9450.00 FT (1.790 MILES) ENDING APPROXIMATELY 125 FT NORTH OF THE INTERSECTION OF HOUSTON STREET AT STA. 255+50 FT (MM 4.839).

INDEX OF SHEETS

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_2.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

NOTES:

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE ALONG THE ENTIRE PROJECT. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SECTION 490.

2. COLD PLANED SURFACES SHALL HAVE SURFACE PREPARATION BEFORE THE LEVELING COURSE IS PLACED. SURFACE PREPARATION SHALL CONSIST OF POT HOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST 1" IN WIDTH. REFER TO SHEET 142 FOR POT HOLE REPAIR DETAIL. PAYMENT WILL BE UNDER ITEM 900.680 "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE SEPARATION, TYPE I)". COLD PLANED SURFACES SHALL HAVE A TACK COAT APPLICATION RATE OF 0.08 GAL/SQ. YD. OF CRS-1H OR RS-1H. TACK COAT APPLICATION RATE ON ALL OTHER PAVED SURFACES SHALL BE 0.025 TO 0.040 GAL/SQ. YD. OF CRS-1H OR RS-1H. PAYMENT WILL BE UNDER ITEM 900.683 "SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H)".

3. EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE RESIDENT ENGINEER. SEE DETAIL ON SHEET 141.

4. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).

5. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL OR AS OTHERWISE NOTED ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE BEGINNING OF THE PROJECT, WHERE THE PROJECT STOPS AND RESUMES, AT THE END OF THE PROJECT AND ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. SEE DETAIL ON SHEET 5. SAWCUTTING WILL NOT BE PAID FOR SEPARATELY. IT SHALL BE CONSIDERED INCIDENTAL TO ITEM 210.10 "COLD PLANING BITUMINOUS PAVEMENT".

6. A QUANTITY FOR ITEM 604.412, "REHAB DI, CB OR MH CLASS I", ITEM 604.415, "REHAB DI, CB OR MH CLASS II" AND ITEM 604.40, "CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES" HAS BEEN INCLUDED IN THE QUANTITIES TO BE USED 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 DISTRIBUTED AS FOLLOWS: 80% AS ITEM 604.412 AND 20% AS 604.415 FOR ESTIMATING PURPOSES.

7. ESTIMATED QUANTITIES OF ITEM 608.25, "ALL PURPOSE EXCAVATOR RENTAL, TYPE I", 608.37, "TRUCK RENTAL", AND 608.40, "LOADER RENTAL, TYPE I" HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTIONS WITH EXCAVATED DITCHING MATERIAL AND THE REMOVAL OF BUILT UP EXCESS SHOULDER MATERIAL. 25 CY OF ITEM 203.30, "EARTH BORROW" HAS BEEN ESTIMATED FOR EACH NEW END SECTION. GUARDRAIL END SECTIONS SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF ITEM 651.35, "TOPSOIL" UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. QUANTITIES INCLUDED REFLECT 5 CY OF ITEM 651.35, "TOPSOIL" FOR EACH NEW GUARDRAIL END SECTION. ITEM 653.20, "TEMPORARY EROSION MATTING" SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL END SECTIONS. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20, "TEMPORARY EROSION MATTING" FOR EACH NEW GUARDRAIL END SECTION. PRIOR TO THE PLACEMENT OF TEMPORARY EROSION MATTING, THE AREA SHALL BE TOPSOILED AND SEEDED USING ITEM 651.35, "TOPSOIL" AND ITEM 651.15, "SEED".

8. BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS SIDEROAD APPROACHES AND AROUND DRAINAGE AND UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT".

9. ALL EDGES IN THE LEVEL/OVERLAY SECTION SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID UNDER ITEM 402.13 "AGGREGATE SHOULDERS, RAP".

10. SIDEWALK RAMPS ARE TO BE REMOVED AND REPLACED WHERE SHOWN ON THE PROJECT LAYOUT SHEETS. AN ESTIMATED QUANTITY OF ITEM 203.15, "COMMON EXCAVATION", ITEM 301.28, "SUBBASE OF CRUSHED GRAVEL, FINE GRADED", ITEM 616.28 "CAST-IN-PLACE CONCRETE CURB, TYPE B", ITEM 616.40 "REMOVING AND RESETTING CURB", ITEM 618.10 "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH", AND ITEM 618.30 "DETECTABLE WARNING SURFACE" HAVE BEEN INCLUDED FOR REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK, CURBING AND SUBBASE MATERIAL FOR EACH RAMP. SEE SHEET 141 FOR SIDEWALK RAMP PAY LIMIT DETAILS.

11. 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 RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT".

12. ESTIMATED QUANTITIES OF SEED, FERTILIZER, AGRICULTURAL LIMESTONE, TOPSOIL, AND TEMPORARY EROSION MATTING HAVE BEEN ESTIMATED FOR AREAS DISTURBED BY THE REMOVAL AND RECONSTRUCTION OF PEDESTRIAN RAMPS.

13. DETECTABLE WARNING SURFACES SHALL BE YELLOW STAINLESS STEEL THROUGH THE TOWNS OF BETHEL AND RANDOLPH. THE TOWN OF NORTHFIELD SHALL RECEIVE CAST IRON DETECTABLE WARINING SURFACES.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.

15. SIGN LOCATIONS ARE APPROXIMATE AND EXACT LOCATIONS ARE TO BE DETERMINED IN THE FIELD.

16. WHERE CONCRETE SIDEWALKS ARE ADJACENT TO THE ROADWAY AND TERMINATE AT DRIVES THE DRIVE APRON SHALL EXTEND TO THE BACK EDGE OF SIDEWALK. WHERE BITUMINOUS CONCRETE SIDEWALKS RUN THROUGH DRIVEWAYS ADJACENT TO THE ROADWAY, DRIVE APRONS WILL BE OMITTED UNLESS THE SIDEWALK CROSSING THE DRIVE IS IN POOR CONDITION OR AS DIRECTED BY THE ENGINEER. ALL OTHER DRIVE APRONS SHALL BE FOUR FEET WIDE OR AS DIRECED BY THE RESIDENT ENGINEER.

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
38	32	CREEPING RED FESCUE	98	90
29	24	SPARTAN HARD FESCUE	95	85
15	12	AZAY SHEEP'S FESCUE	95	87
15	12	ANNUAL RYE GRASS	95	90
3	--	INERTS	--	--
100.0	80 LB/A			

GENERAL NOTES

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.

HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT A RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT NOTES SHEET

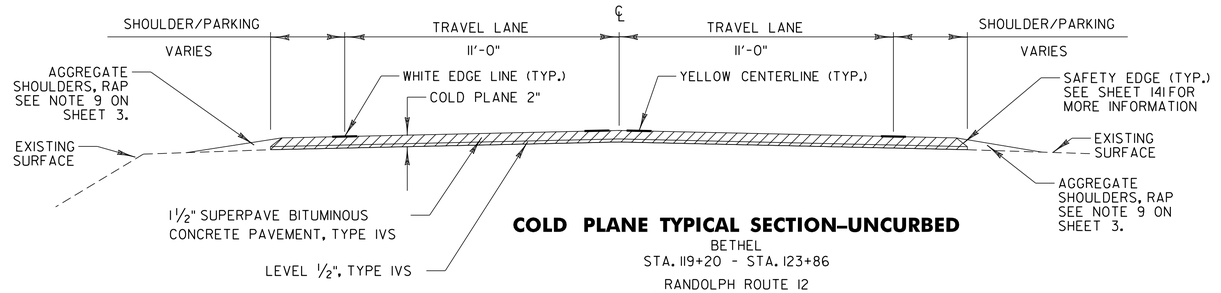
PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_3.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

PROJECT PAVING LIMITS

TOWN AND ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	NOTES
RT 12 (CLASS 1)	76+07	79+75	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
BETHEL					TYPE IVS 1½"
	79+75	84+75	VARIES-11'-11'-8'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	84+75	86+50	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	86+50	89+10	7'-11'-11'-7'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	89+10	89+75	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	89+75	91+75	9'-11'-11'-9'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	91+75	93+10	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	93+10	95+00	3'-11'-11'-3'	1¼"	COLD PLANE 1¼", THEN PAVE TYPE IVS 1¼"
					BRIDGE #31
	95+00	95+75	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	95+75	105+25	4'-11'-11'-4'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	105+25	108+75	VARIES-12'-12'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	108+75	123+86	3'-11'-11'-3'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
RT 12 (CLASS 1)	77+19	81+40	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
RANDOLPH					TYPE IVS 1½"
	81+40	85+10	9'-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	85+10	89+50	VARIES-11'-11'-9'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	89+50	124+85	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	124+85	126+90	4'-11'-11'-4'	1¼"	COLD PLANE 1¼", THEN PAVE TYPE IVS 1¼"
					BRIDGE #42
	126+90	138+75	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	138+75	146+90	3'-11'-11'-3'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	146+90	153+00	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	153+00	158+00	2'-11'-11'-2'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	158+00	161+53	3'-11'-11'-3'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
RT 12A (CLASS 1)	0+25	2+50	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
RANDOLPH					TYPE IVS 1½"
	2+50	20+60	11'-6"-11'-6"	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
RT 66 (CLASS 1)	0+25	22+51	3'-11'-11'-3'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
RANDOLPH					TYPE IVS 1½"
RT 12A (CLASS 1)	215+45	236+38	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
NORTHFIELD					TYPE IVS 1½"
RT 12 (CLASS 1)	161+00	222+90	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
NORTHFIELD					TYPE IVS 1½"
	222+90	224+05	VARIES-11'-11'-VARIES	1¼"	COLD PLANE 1¼", THEN PAVE TYPE IVS 1¼"
					BRIDGE #60
	224+05	227+50	9'-11'-11'-9'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	227+50	231+00	8'-11'-10'-11'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	231+00	240+25	10'-11'-11'-8'	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"
	240+25	255+50	VARIES-11'-11'-VARIES	1½"	COLD PLANE 2", THEN LEVEL ½", THEN PAVE
					TYPE IVS 1½"



COLD PLANE TYPICAL SECTION-UNCURBED

BETHEL
STA. 119+20 - STA. 123+86

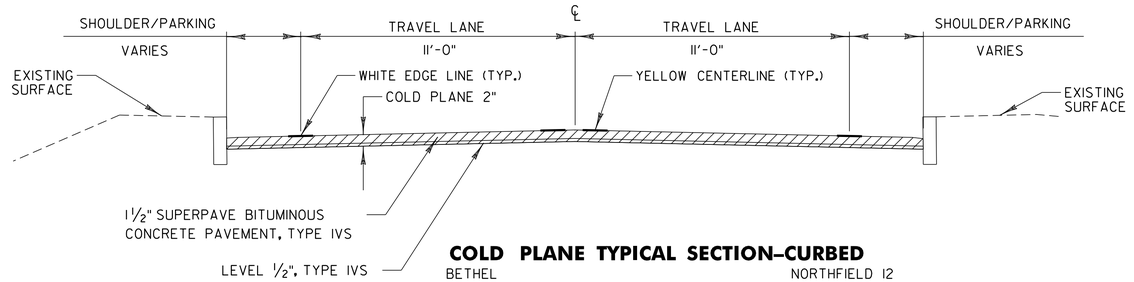
RANDOLPH ROUTE 12
STA. 77+19 - STA. 81+40
STA. 155+30 - STA. 161+53

RANDOLPH ROUTE 12A
STA. 10+22 - STA. 20+60

RANDOLPH ROUTE 66
STA. 0+00 - STA. 22+51

NORTHFIELD ROUTE 12A
STA. 215+45 - STA. 236+38

NORTHFIELD ROUTE 12
STA. 161+00 - STA. 171+25
STA. 173+75 - STA. 190+40



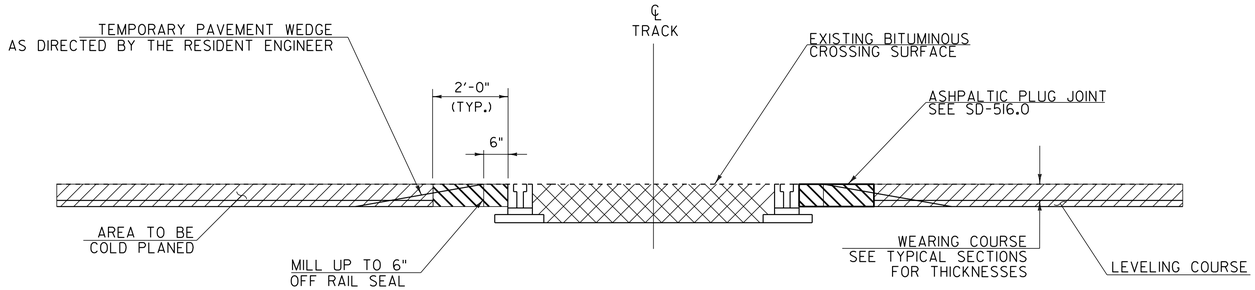
COLD PLANE TYPICAL SECTION-CURBED

BETHEL
STA. 76+07 - STA. 102+42
STA. 102+42 - STA. 119+20 (CURB LT ONLY)

RANDOLPH ROUTE 12
STA. 81+40 - STA. 100+00 (CURB RT ONLY)
STA. 100+00 - STA. 128+00
STA. 128+00 - STA. 135+00 (CURB RT ONLY)
STA. 135+00 - STA. 155+30 (CURB LT ONLY)

RANDOLPH ROUTE 12A
STA. 0+00 - STA. 10+22 (CURB RT ONLY)

NORTHFIELD 12
STA. 171+25 - STA. 173+75 (CURB LT ONLY)
STA. 190+40 - STA. 240+35
STA. 240+35 - STA. 250+50 (CURB LT ONLY)
STA. 250+50 - STA. 255+50



TRANSITION AREA FOR RAIL CROSSING

VT ROUTE 12
RANDOLPH STA. 109+55.00

NOTE: COLD PLANE TO 6 INCHES FROM RAIL SEAL. REMAINING 6 INCHES TO BE REMOVED WITH OTHER BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS OF THE ASPHALTIC PLUG JOINT INSTALLATION.

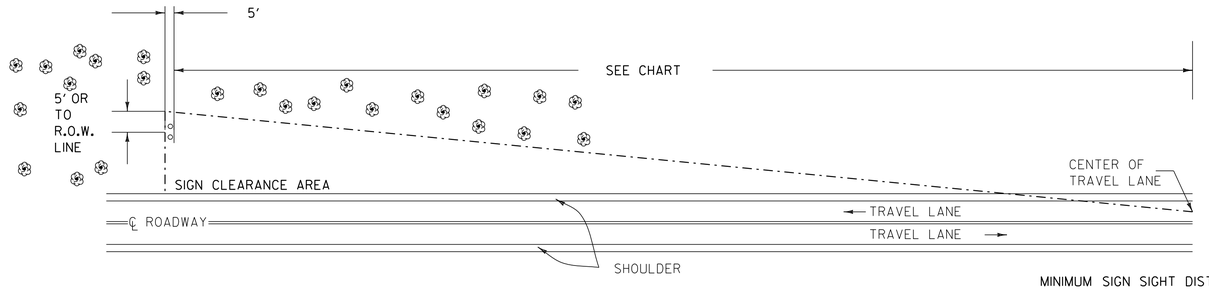
NOT TO SCALE

PROJECT TYPICAL SHEET 1

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_4.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL



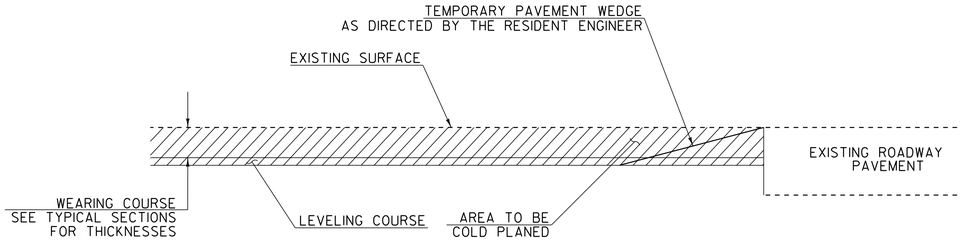
THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FT BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31, AND PAID FOR PER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

THINNING AND TRIMMING FOR SIGNS DETAIL

RANDOLPH
STA. 105+33 RT

MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

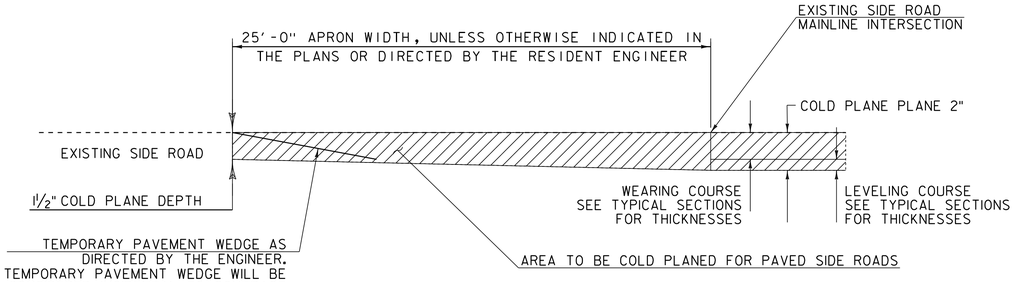


APPROACH AREA DETAIL (BEGIN, STOP, RESUME AND END PROJECT)

BETHEL ROUTE 12
STA. 76+07
STA. 123+86

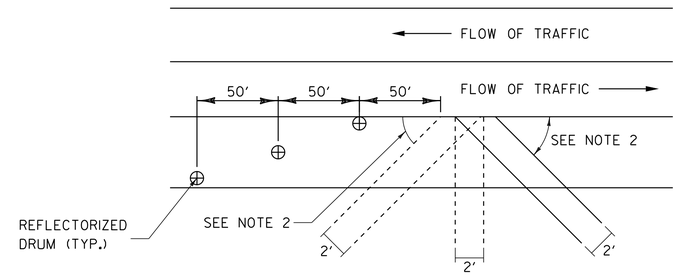
RANDOLPH ROUTE 12
STA. 77+19
STA. 161+53
RANDOLPH ROUTE 12A
STA. 20+60
RANDOLPH ROUTE 66
STA. 22+51

NORTHFIELD ROUTE 12A
STA. 215+45
NORTHFIELD ROUTE 12
STA. 161+00
STA. 255+50



TRANSITION AREA FOR SIDE ROADS

SEE LAYOUT SHEETS FOR LOCATIONS OF ALL SIDE ROADS



BLEEDER DETAIL

BLEEDER DETAIL NOTES:

1. BLEEDERS ARE TO BE CUT WHILE COLD PLANING, AT LOCATIONS SPECIFIED BY THE RESIDENT ENGINEER.
2. ANGLE BLEEDERS TO BEST ACCEPT WATER FLOW.
3. CUT ALL BLEEDERS TO THE DEPTH OF COLD PLANING AND GRADE TO DRAIN. PAYMENT INCIDENTAL TO ITEM 210.10 "COLD PLANING BITUMINOUS PAVEMENT".
4. BLEEDERS ARE TO BE FILLED DURING PAVING WITH ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT", AS DIRECTED BY THE RESIDENT ENGINEER.
5. REFLECTORIZED DRUMS MUST BE PLACED AS SHOWN TO WARN MOTORISTS OF THE GAP IN THE SHOULDER.
6. BLEEDERS ARE NOT REQUIRED IF THE COLD PLANED AREAS ARE PAVED BACK THE SAME DAY.

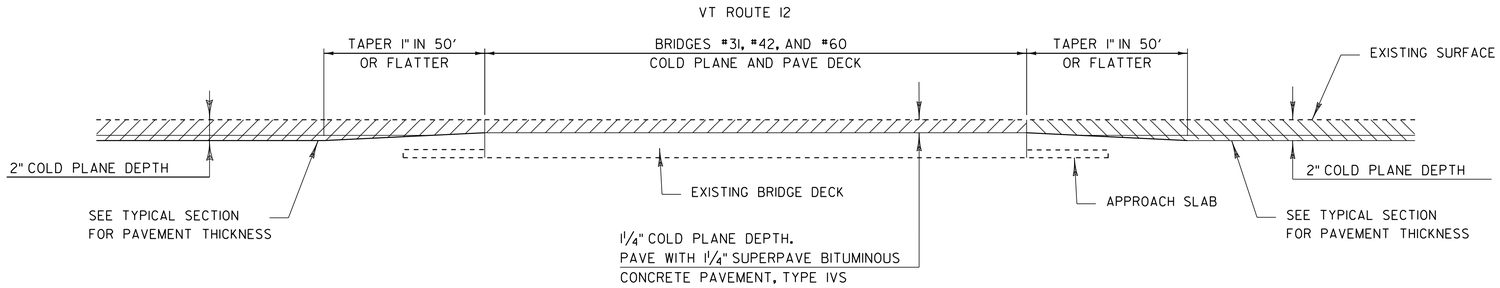
NOT TO SCALE

PROJECT TYPICAL SHEET 2

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_5.1

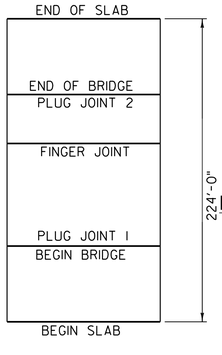
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 5 OF 149



BRIDGE COLD PLANE DETAIL

BRIDGE #31 LOCATION
BETHEL STA. 93+83 (MM 1.777) VT ROUTE 12
BRIDGE #42 LOCATION
RANDOLPH STA. 125+89 (MM 2.384) VT ROUTE 12
BRIDGE #60 LOCATION
NORTHFIELD STA. 223+48 (MM 4.233) VT ROUTE 12

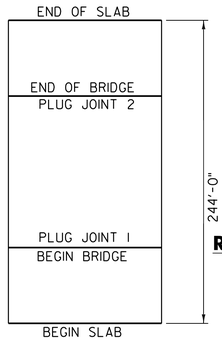
THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ON BRIDGE DECKS. SHOULD ANY DAMAGE OCCUR TO THE DECK OR MEMBRANE AS A RESULT OF THESE OPERATIONS THE ENGINEER SHALL CONTACT THE VTRANS CONSTRUCTION STRUCTURES ENGINEER TO PROVIDE AN ASSESSMENT OF THE DAMAGE AND RECOMMEND ANY NECESSARY REPAIRS. THE CONSTRUCTION STRUCTURES ENGINEER WILL ALSO DETERMINE IF THE DAMAGE WAS AVOIDABLE. IF THE CONTRACTOR IS DETERMINED BY THE RESIDENT ENGINEER TO BE AT FAULT FOR THE DAMAGE, THE RECOMMENDED REPAIRS SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE STATE.



JOINT	STATION	LENGTH
1	93+10	~~29'-0"~~ 28.83
2	94+76	~~29'-0"~~ 28.83
		~~58'-0"~~ 57.66

BRIDGE #31
TOTAL LENGTH OF JOINT

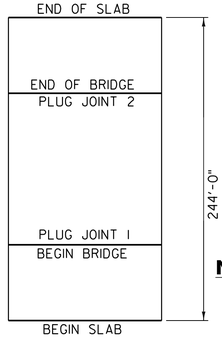
BETHEL VT ROUTE 12 BRIDGE #31
FIELD STA. 93+83 (MM 1.777)
COLD PLANE AND PAVE



JOINT	STATION	LENGTH
1	124+85	30 ~~3'-0"~~
2	126+90	30 ~~3'-0"~~
		60 ~~62'-0"~~

BRIDGE #42
TOTAL LENGTH OF JOINT

RANDOLPH VT ROUTE 12 BRIDGE #42
FIELD STA. 125+89 (MM 2.384)
COLD PLANE AND PAVE



JOINT	STATION	LENGTH
1	222+92	40 ~~39'-0"~~
2	224+04	40 ~~39'-0"~~
		80 ~~78'-0"~~

BRIDGE #60
TOTAL LENGTH OF JOINT

NORTHFIELD VT ROUTE 12 BRIDGE #60
FIELD STA. 223+48 (MM 4.233)
COLD PLANE AND PAVE

BRIDGE #	516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE
	LF	CF
BETHEL #31	~~58~~ 57.66	~~33~~ 0
RANDOLPH #42	~~62~~ 60	~~33~~ 0
NORTHFIELD #60	~~78~~ 80	~~33~~ 7.8
RAIL CROSSING	~~70~~ 68	
SUBTOTAL	~~268~~ 265.66	~~99~~ 7.8
ROUNDING	~~2~~ 0	~~+~~ 0
TOTAL	~~270~~ 265.66	~~100~~ 7.8

NOTE: REFER TO BRIDGE JOINT ASPHALTIC PLUG - STRUCTURES DETAIL SD-516.10

NOT TO SCALE

PROJECT TYPICAL SHEET 3

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_6.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 6 OF 149

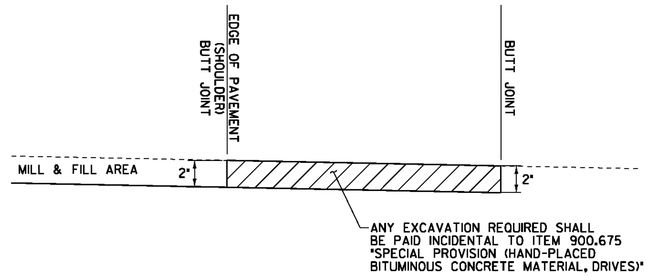
STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
BETHEL			
76+42	LT	PAVED	15.8
77+72	LT	PAVED	42.2
81+25	RT	PAVED	7.2
82+00	LT	PAVED	100.4
83+26	LT	GRAVEL	7.6
84+97	LT	PAVED	11.7
86+26	LT	GRAVEL	14.5
88+64	RT	PAVED	12.6
98+66	RT	PAVED	15.2
98+77	LT	PAVED	25.6
100+08	RT	GRAVEL	15.0
100+86	LT	GRAVEL	12.0
101+87	LT	GRAVEL	6.6
102+35	LT	GRAVEL	6.6
103+56	LT	PAVED	7.3
104+37	LT	PAVED	6.3
105+01	LT	PAVED	6.5
105+06	RT	GRAVEL	7.4
105+62	LT	PAVED	7.0
107+32	LT	PAVED	8.1
108+15	LT	GRAVEL	8.2
109+11	RT	GRAVEL	20.6
110+45	RT	GRAVEL	26.8
111+27	LT	PAVED	10.6
112+59	LT	PAVED	7.4
112+86	RT	GRAVEL	20.9
113+57	RT	PAVED	10.2
113+79	LT	PAVED	6.6
114+61	RT	GRAVEL	15.6
116+52	LT	PAVED	151.4
116+85	RT	PAVED	105.6
118+50	RT	PAVED	10.7
119+00	RT	GRAVEL	4.4
119+39	RT	GRAVEL	8.8

STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
119+50	LT	PAVED	45.6
120+21	RT	GRAVEL	19.9
121+85	RT	GRAVEL	25.9
123+24	RT	GRAVEL	21.6
RANDOLPH 12			
79+04	RT	PAVED	9.4
81+19	RT	PAVED	17.9
82+60	RT	PAVED	18.3
85+48	LT	GRAVEL	10.1
86+11	LT	GRAVEL	7.3
86+68	RT	PAVED	27.9
87+91	LT	PAVED	26.7
88+96	RT	PAVED	37.9
90+97	LT	GRAVEL	4.1
91+87	RT	PAVED	10.4
92+92	RT	PAVED	15.4
94+35	LT	GRAVEL	22.5
94+65	RT	GRAVEL	8.3
95+26	RT	PAVED	7.2
95+65	LT	PAVED	15.0
95+82	RT	PAVED	10.0
97+59	LT	GRAVEL	6.9
98+57	RT	GRAVEL	6.3
98+68	LT	PAVED	5.5
99+63	LT	GRAVEL	5.6
100+92	LT	GRAVEL	6.7
101+70	LT	PAVED	5.2
104+80	LT	PAVED	16.6
113+29	LT	PAVED	11.3
114+90	LT	PAVED	9.0
129+17	LT	PAVED	46.7
129+53	RT	PAVED	39.6
130+93	LT	PAVED	23.3
133+13	LT	GRAVEL	41.4
142+84	RT	PAVED	7.2

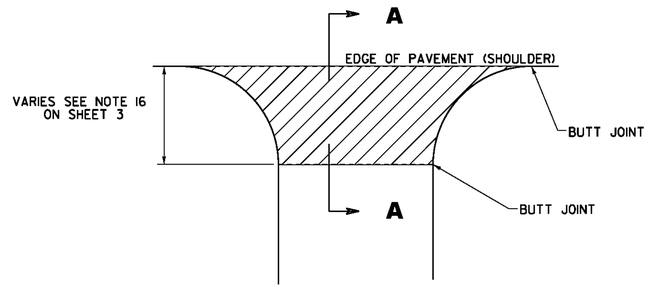
STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
143+71	RT	PAVED	4.9
144+30	RT	GRAVEL	10.4
145+97	RT	GRAVEL	11.3
148+91	RT	PAVED	23.6
149+88	RT	PAVED	31.1
150+56	RT	GRAVEL	14.2
151+84	RT	GRAVEL	10.4
152+77	RT	GRAVEL	7.4
153+18	RT	GRAVEL	17.1
153+51	RT	GRAVEL	7.3
155+59	RT	GRAVEL	10.9
156+72	RT	GRAVEL	7.0
156+74	LT	GRAVEL	8.7
158+08	LT	GRAVEL	7.9
158+27	RT	PAVED	7.2
159+10	RT	PAVED	7.2
159+96	RT	PAVED	8.5
160+26	LT	GRAVEL	12.6
160+48	RT	GRAVEL	11.0
RANDOLPH 12A			
0+63	RT	PAVED	9.7
1+54	RT	PAVED	6.1
2+58	RT	GRAVEL	11.1
5+22	LT	GRAVEL	30.3
6+47	LT	GRAVEL	6.8
7+05	LT	GRAVEL	10.3
11+89	LT	GRAVEL	12.1
12+55	RT	GRAVEL	16.6
13+18	RT	GRAVEL	5.0
13+31	LT	FIELD	4.0
14+39	LT	GRAVEL	7.9
15+47	LT	GRAVEL	17.5
17+68	RT	GRAVEL	11.4
17+88	LT	GRAVEL	28.3

STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
RANDOLPH 66			
3+21	LT	GRAVEL	18.4
4+93	LT	GRAVEL	49.8
6+02	LT	PAVED	25.0
7+05	LT	PAVED	22.7
7+75	LT	PAVED	76.7
8+68	RT	PAVED	28.4
NORTHFIELD 12 A			
217+63	RT	PAVED	22.1
219+77	LT	GRAVEL	32.2
220+00	RT	PAVED	10.5
222+05	RT	GRAVEL	14.1
222+28	LT	WOODS	5.8
225+17	RT	PAVED	13.2
226+35	RT	PAVED	18.4
228+09	LT	PAVED	30.8
228+10	RT	GRAVEL	8.6
230+46	RT	GRAVEL	31.4
230+95	LT	GRAVEL	11.2
231+10	RT	GRAVEL	8.1
232+50	LT	GRAVEL	12.6
233+09	LT	PAVED	10.5
234+46	LT	GRAVEL	9.8
235+58	LT	GRAVEL	8.2
NORTHFIELD 12			
162+11	RT	GRAVEL	8.0
162+12	LT	GRAVEL	7.7
163+61	LT	GRAVEL	9.7
164+22	LT	PAVED	8.2
164+42	RT	GRAVEL	10.0
166+17	RT	GRAVEL	6.0
167+75	RT	PAVED	9.2
168+22	LT	GRAVEL	15.1

STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
169+58	RT	GRAVEL	11.9
171+31	RT	PAVED	6.9
173+46	RT	GRAVEL	11.4
174+15	LT	PAVED	38.9
174+69	RT	GRAVEL	10.3
177+16	RT	PAVED	8.6
177+77	RT	PAVED	8.1
178+29	RT	GRAVEL	10.3
182+23	RT	PAVED	8.0
182+54	RT	PAVED	7.8
183+35	RT	PAVED	11.0
202+35	LT	PAVED	9.3
202+69	RT	PAVED	7.8
204+25	RT	PAVED	8.3
208+98	LT	GRAVEL	7.9
209+60	RT	GRAVEL	8.5
210+06	RT	PAVED	8.8
210+75	LT	PAVED	7.7
212+41	LT	PAVED	8.9
213+72	LT	GRAVEL	8.1
214+52	LT	PAVED	7.8
216+49	RT	PAVED	11.7
218+30	RT	PAVED	14.6
231+52	RT	PAVED	19.5
232+32	RT	GRAVEL	6.1
244+56	RT	PAVED	197.7
		SUBTOTAL	2740.1
		ROUNDING	29.9
		TOTAL	2770.0



SECTION A–A
COLD PLANE AND PAVE AREA



PLAN

HANDWORK DETAILS FOR PAVED DRIVES

VT ROUTE 12
VT ROUTE 12A
VT ROUTE 66

NOTES:

1. PAVING LIFT NOT TO EXCEED 2".
2. 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 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".
3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".
4. ALL DRIVES WITH A SIDEWALK BEHIND IT SHALL RECEIVE A PAVED APRON TO THE SIDEWALK. DRIVES WITH NO SIDEWALK BEHIND IT SHALL RECEIVE A 4' APRON OR AS DIRECTED BY THE ENGINEER. FIELD DRIVES SHALL RECEIVE A 2' APRON. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)". THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675, "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".

LEGEND

BITUMINOUS PAVEMENT 900.675 "SPECIAL PROVISION HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES".

NOT TO SCALE

HANDWORK FOR DRIVES DETAIL SHEET

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_9.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 9 OF 149

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BETHEL			RANDOLPH				NORTHFIELD			SUMMARY OF ESTIMATED QUANTITIES							
FULL CE	GOV'T NON-PARTIC.	RT-12	GOV'T NON-PARTIC.	RT-12	RT-66	RT-12A	GOV'T NON-PARTIC.	RT-12	RT-12A	TRAINING	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				1								1	1	EA	THINNING AND TRIMMING FOR SIGNS	201.31	-
		21.7		43	4.5	5.5		35.3				110	110	CY	COMMON EXCAVATION	203.15	1.5
				50								50	50	CY	EARTH BORROW	203.30	EST
												1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST
		18666.4		32573.5	7303.6	6302.7		39125.1	6028.7			110000	110000	SY	COLD PLANING BITUMINOUS PAVEMENT	210.10	1487.8
		19.7		39.2	4.2	4.9		32.0				100	100	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	3.5
		39.2		88.2		61.2		74.2	62.2			325	325	TON	AGGREGATE SHOULDERS, RAP	402.13	1
												1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	-
		2151.8		3786.0	848.9	728.6		4475.6	709.1			12700	12700	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	253.0
												1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
		58		133				79			270		270	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	2
		33.3		33.4				33.3			100		100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COURSE AGGREGATE	580.20	1
		1	1	5	3			2				12	12	EA	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
		24		53	8	2		52				139	139	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
		5		13	2			13				33	33	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-
		27		26	13	2		25				93	93	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
												140	140	HR	POWER GRADER RENTAL	608.15	EST
												140	140	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
												140	140	HR	POWER BROOM RENTAL, TYPE I	608.30	EST
												70	70	HR	POWER BROOM RENTAL TYPE II	608.31	EST
												140	140	HR	TRUCK RENTAL	608.37	EST
												140	140	HR	LOADER RENTAL, TYPE I	608.40	EST
		30										30	30	LF	VERTICAL GRANITE CURB	616.21	3
				140								140	140	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	-
		300		651	49			600				1600	1600	LF	REMOVING AND RESETTING CURB	616.40	16
				130								130	130	LF	REMOVAL OF EXISTING CURB	616.41	-
		71.2		140.7	14.9	17.5		115.7				360	360	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	5.2
		154		314	40	40		304				852	852	SF	DETECTABLE WARNING SURFACE	618.30	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
18413.9	SY	BETHEL ROUTE 12
32133.0	SY	RANDOLPH ROUTE 12
6217.4	SY	RANDOLPH ROUTE 12A
7204.8	SY	RANDOLPH ROUTE 66
5947.1	SY	NORTHFIELD ROUTE 12A
38596.0	SY	NORTHFIELD ROUTE 12
1487.8	SY	ROUNDING
110000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		WEARING COURSE TYPE IVS
1517.3	TON	BETHEL ROUTE 12
2661.5	TON	RANDOLPH ROUTE 12
506.8	TON	RANDOLPH ROUTE 12A
600.6	TON	RANDOLPH ROUTE 66
520.2	TON	NORTHFIELD ROUTE 12A
3064.9	TON	NORTHFIELD ROUTE 12
		SIDEROADS/PULL OFFS
81.8	TON	BETHEL ROUTE 12
154.8	TON	RANDOLPH ROUTE 12
37.0	TON	RANDOLPH ROUTE 12A
29.6	TON	RANDOLPH ROUTE 66
0.0	TON	NORTHFIELD ROUTE 12A
291.7	TON	NORTHFIELD ROUTE 12
		LEVELING COURSE
509.8	TON	BETHEL ROUTE 12
894.3	TON	RANDOLPH ROUTE 12
170.3	TON	RANDOLPH ROUTE 12A
201.8	TON	RANDOLPH ROUTE 66
174.8	TON	NORTHFIELD ROUTE 12A
1029.8	TON	NORTHFIELD ROUTE 12
253.0	TON	ROUNDING
12700.0	TON	TOTAL

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
QUANTITY SHEET #1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 10 OF 149

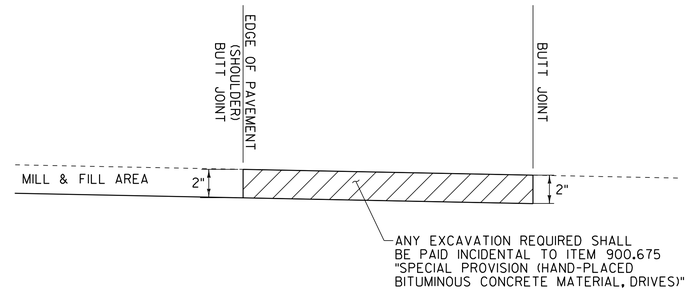
STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
BETHEL			
76+42	LT	PAVED	15.8
77+72	LT	PAVED	42.2
81+25	RT	PAVED	7.2
82+00	LT	PAVED	100.4
83+26	LT	GRAVEL	7.6
84+97	LT	PAVED	11.7
86+26	LT	GRAVEL	14.5
88+64	RT	PAVED	12.6
98+66	RT	PAVED	15.2
98+77	LT	PAVED	25.6
100+08	RT	GRAVEL	15.0
100+86	LT	GRAVEL	12.0
101+87	LT	GRAVEL	6.6
102+35	LT	GRAVEL	6.6
103+56	LT	PAVED	7.3
104+37	LT	PAVED	6.3
105+01	LT	PAVED	6.5
105+06	RT	GRAVEL	7.4
105+62	LT	PAVED	7.0
107+32	LT	PAVED	8.1
108+15	LT	GRAVEL	8.2
109+11	RT	GRAVEL	20.6
110+45	RT	GRAVEL	26.8
111+27	LT	PAVED	10.6
112+59	LT	PAVED	7.4
112+86	RT	GRAVEL	20.9
113+57	RT	PAVED	10.2
113+79	LT	PAVED	6.6
114+61	RT	GRAVEL	15.6
116+52	LT	PAVED	151.4
116+85	RT	PAVED	105.6
118+50	RT	PAVED	10.7
119+00	RT	GRAVEL	4.4
119+39	RT	GRAVEL	8.8

STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
119+50	LT	PAVED	45.6
120+21	RT	GRAVEL	19.9
121+85	RT	GRAVEL	25.9
123+24	RT	GRAVEL	21.6
RANDOLPH 12			
79+04	RT	PAVED	9.4
81+19	RT	PAVED	17.9
82+60	RT	PAVED	18.3
85+48	LT	GRAVEL	10.1
86+11	LT	GRAVEL	7.3
86+68	RT	PAVED	27.9
87+91	LT	PAVED	26.7
88+96	RT	PAVED	37.9
90+97	LT	GRAVEL	4.1
91+87	RT	PAVED	10.4
92+92	RT	PAVED	15.4
94+35	LT	GRAVEL	22.5
94+65	RT	GRAVEL	8.3
95+26	RT	PAVED	7.2
95+65	LT	PAVED	15.0
95+82	RT	PAVED	10.0
97+59	LT	GRAVEL	6.9
98+57	RT	GRAVEL	6.3
98+68	LT	PAVED	5.5
99+63	LT	GRAVEL	5.6
100+92	LT	GRAVEL	6.7
101+70	LT	PAVED	5.2
104+80	LT	PAVED	16.6
113+29	LT	PAVED	11.3
114+90	LT	PAVED	9.0
129+17	LT	PAVED	46.7
129+53	RT	PAVED	39.6
130+93	LT	PAVED	23.3
133+13	LT	GRAVEL	41.4
142+84	RT	PAVED	7.2

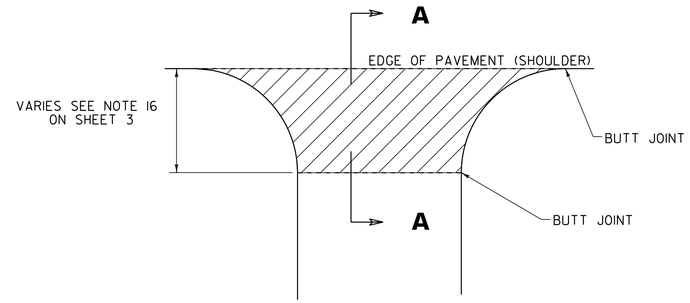
STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
143+71	RT	PAVED	4.9
144+30	RT	GRAVEL	10.4
145+97	RT	GRAVEL	11.3
148+91	RT	PAVED	23.6
149+88	RT	PAVED	31.1
150+56	RT	GRAVEL	14.2
151+84	RT	GRAVEL	10.4
152+77	RT	GRAVEL	7.4
153+18	RT	GRAVEL	17.1
153+51	RT	GRAVEL	7.3
155+59	RT	GRAVEL	10.9
156+72	RT	GRAVEL	7.0
156+74	LT	GRAVEL	8.7
158+08	LT	GRAVEL	7.9
158+27	RT	PAVED	7.2
159+10	RT	PAVED	7.2
159+96	RT	PAVED	8.5
160+26	LT	GRAVEL	12.6
160+48	RT	GRAVEL	11.0
RANDOLPH 12A			
0+63	RT	PAVED	9.7
1+54	RT	PAVED	6.1
2+58	RT	GRAVEL	11.1
5+22	LT	GRAVEL	30.3
6+47	LT	GRAVEL	6.8
7+05	LT	GRAVEL	10.3
11+89	LT	GRAVEL	12.1
12+55	RT	GRAVEL	16.6
13+18	RT	GRAVEL	5.0
13+31	LT	FIELD	4.0
14+39	LT	GRAVEL	7.9
15+47	LT	GRAVEL	17.5
17+68	RT	GRAVEL	11.4
17+88	LT	GRAVEL	28.3

STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
RANDOLPH 66			
3+21	LT	GRAVEL	18.4
4+93	LT	GRAVEL	49.8
6+02	LT	PAVED	25.0
7+05	LT	PAVED	22.7
7+75	LT	PAVED	76.7
8+68	RT	PAVED	28.4
NORTHFIELD 12 A			
217+63	RT	PAVED	22.1
219+77	LT	GRAVEL	32.2
220+00	RT	PAVED	10.5
222+05	RT	GRAVEL	14.1
222+28	LT	WOODS	5.8
225+17	RT	PAVED	13.2
226+35	RT	PAVED	18.4
228+09	LT	PAVED	30.8
228+10	RT	GRAVEL	8.6
230+46	RT	GRAVEL	31.4
230+95	LT	GRAVEL	11.2
231+10	RT	GRAVEL	8.1
232+50	LT	GRAVEL	12.6
233+09	LT	PAVED	10.5
234+46	LT	GRAVEL	9.8
235+58	LT	GRAVEL	8.2
NORTHFIELD 12			
162+11	RT	GRAVEL	8.0
162+12	LT	GRAVEL	7.7
163+61	LT	GRAVEL	9.7
164+22	LT	PAVED	8.2
164+42	RT	GRAVEL	10.0
166+17	RT	GRAVEL	6.0
167+75	RT	PAVED	9.2
168+22	LT	GRAVEL	15.1

STATION	POSITION	TYPE	QUANTITY 900.675 (SY)
169+58	RT	GRAVEL	11.9
171+31	RT	PAVED	6.9
173+46	RT	GRAVEL	11.4
174+15	LT	PAVED	38.9
174+69	RT	GRAVEL	10.3
177+16	RT	PAVED	8.6
177+77	RT	PAVED	8.1
178+29	RT	GRAVEL	10.3
182+23	RT	PAVED	8.0
182+54	RT	PAVED	7.8
183+35	RT	PAVED	11.0
202+35	LT	PAVED	9.3
202+69	RT	PAVED	7.8
204+25	RT	PAVED	8.3
208+98	LT	GRAVEL	7.9
209+60	RT	GRAVEL	8.5
210+06	RT	PAVED	8.8
210+75	LT	PAVED	7.7
212+41	LT	PAVED	8.9
213+72	LT	GRAVEL	8.1
214+52	LT	PAVED	7.8
216+49	RT	PAVED	11.7
218+30	RT	PAVED	14.6
231+52	RT	PAVED	19.5
232+32	RT	GRAVEL	6.1
244+56	RT	PAVED	197.7
		SUBTOTAL	2740.1
		ROUNDING	29.9
		TOTAL	2770.0



SECTION A–A
COLD PLANE AND PAVE AREA



PLAN

HANDWORK DETAILS FOR PAVED DRIVES

VT ROUTE 12
VT ROUTE 12A
VT ROUTE 66

NOTES:

1. PAVING LIFT NOT TO EXCEED 2".
2. 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 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".
3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".
4. ALL DRIVES WITH A SIDEWALK BEHIND IT SHALL RECEIVE A PAVED APRON TO THE SIDEWALK. DRIVES WITH NO SIDEWALK BEHIND IT SHALL RECEIVE A 4' APRON OR AS DIRECTED BY THE ENGINEER. FIELD DRIVES SHALL RECEIVE A 2' APRON. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE INCIDENTAL TO ITEM 900.675 "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)". THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675, "SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)".

LEGEND

BITUMINOUS PAVEMENT 900.675 "SPECIAL PROVISION HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES".

NOT TO SCALE

HANDWORK FOR DRIVES DETAIL SHEET

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_9.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
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SHEET 9 OF 149

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BETHEL			RANDOLPH				NORTHFIELD			SUMMARY OF ESTIMATED QUANTITIES							
FULL CE	GOV'T NON-PARTIC.	RT-12	GOV'T NON-PARTIC.	RT-12	RT-66	RT-12A	GOV'T NON-PARTIC.	RT-12	RT-12A	TRAINING	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				1								1	1	EA	THINNING AND TRIMMING FOR SIGNS	201.31	-
		21.7		43	4.5	5.5		35.3				110	110	CY	COMMON EXCAVATION	203.15	1.5
				50								50	50	CY	EARTH BORROW	203.30	EST
												1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST
		18666.4		32573.5	7303.6	6302.7		39125.1	6028.7			110000	110000	SY	COLD PLANING BITUMINOUS PAVEMENT	210.10	1487.8
		19.7		39.2	4.2	4.9		32.0				100	100	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	3.5
		39.2		88.2		61.2		74.2	62.2			325	325	TON	AGGREGATE SHOULDERS, RAP	402.13	1
												1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	-
		2151.8		3786.0	848.9	728.6		4475.6	709.1			12700	12700	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	253.0
												1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
		58		133				79			270		270	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	2
		33.3		33.4				33.3			100		100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COURSE AGGREGATE	580.20	1
		1	1	5	3			2				12	12	EA	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
		24		53	8	2		52				139	139	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
		5		13	2			13				33	33	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-
		27		26	13	2		25				93	93	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
												140	140	HR	POWER GRADER RENTAL	608.15	EST
												140	140	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
												140	140	HR	POWER BROOM RENTAL, TYPE I	608.30	EST
												70	70	HR	POWER BROOM RENTAL TYPE II	608.31	EST
												140	140	HR	TRUCK RENTAL	608.37	EST
												140	140	HR	LOADER RENTAL, TYPE I	608.40	EST
		30										30	30	LF	VERTICAL GRANITE CURB	616.21	3
				140								140	140	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	-
		300		651	49			600				1600	1600	LF	REMOVING AND RESETTING CURB	616.40	16
				130								130	130	LF	REMOVAL OF EXISTING CURB	616.41	-
		71.2		140.7	14.9	17.5		115.7				360	360	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	5.2
		154		314	40	40		304				852	852	SF	DETECTABLE WARNING SURFACE	618.30	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
18413.9	SY	BETHEL ROUTE 12
32133.0	SY	RANDOLPH ROUTE 12
6217.4	SY	RANDOLPH ROUTE 12A
7204.8	SY	RANDOLPH ROUTE 66
5947.1	SY	NORTHFIELD ROUTE 12A
38596.0	SY	NORTHFIELD ROUTE 12
1487.8	SY	ROUNDING
110000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		WEARING COURSE TYPE IVS
1517.3	TON	BETHEL ROUTE 12
2661.5	TON	RANDOLPH ROUTE 12
506.8	TON	RANDOLPH ROUTE 12A
600.6	TON	RANDOLPH ROUTE 66
520.2	TON	NORTHFIELD ROUTE 12A
3064.9	TON	NORTHFIELD ROUTE 12
		SIDEROADS/PULL OFFS
81.8	TON	BETHEL ROUTE 12
154.8	TON	RANDOLPH ROUTE 12
37.0	TON	RANDOLPH ROUTE 12A
29.6	TON	RANDOLPH ROUTE 66
0.0	TON	NORTHFIELD ROUTE 12A
291.7	TON	NORTHFIELD ROUTE 12
		LEVELING COURSE
509.8	TON	BETHEL ROUTE 12
894.3	TON	RANDOLPH ROUTE 12
170.3	TON	RANDOLPH ROUTE 12A
201.8	TON	RANDOLPH ROUTE 66
174.8	TON	NORTHFIELD ROUTE 12A
1029.8	TON	NORTHFIELD ROUTE 12
253.0	TON	ROUNDING
12700.0	TON	TOTAL

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
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QUANTITY SHEET #1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 10 OF 149

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BETHEL			RANDOLPH				NORTHFIELD			SUMMARY OF ESTIMATED QUANTITIES							
FULL CE	GOV'T NON-PARTIC.	RT-12	GOV'T NON-PARTIC.	RT-12	RT-66	RT-12A	GOV'T NON-PARTIC.	RT-12	RT-12A	TRAINING	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				137.5								137.5	137.5	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	-
				2								2	2	EA	ANCHOR FOR STEEL BEAM GUARDRAIL	621.60	-
				137.5								137.5	137.5	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-
		12		30	12	3		63	1			121	121	EA	ADJUST ELEVATION OF VALVE BOX	629.20	-
												2800	2800	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST
												5500	5500	HR	FLAGGERS	630.15	EST
1													1	LS	FIELD OFFICE, ENGINEERS	631.10	-
1													1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
3000													3000	DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-
										520			520	HR	EMPLOYEE TRAINEESHIP	634.10	-
												1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
												1	1	LS	TRAFFIC CONTROL	641.10	-
												1	1	LS	PUBLIC RELATIONS OFFICER	641.12	-
		2		2	1	1		2	1			9	9	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
		10133		19662	3995	590		19412	4208			58000	58000	LF	DURABLE 4 INCH WHITE LINE, TYPE I TAPE	646.401	1346
		9851		17758	3968	4377		19842	4204			60000	60000	LF	DURABLE 4 INCH YELLOW LINE, TYPE I TAPE	646.411	1032
		852		508				1041				2400	2400	LF	DURABLE 8 INCH WHITE LINE, TYPE I TAPE	646.441	121
		52		236	29	13		470				800	800	LF	DURABLE 24 INCH STOP BAR, TYPE I TAPE	646.481	25
		19		74	33	17		123	4			270	270	EA	DURABLE LETTER OR SYMBOL, TYPE I TAPE	646.491	-
		347		802	57	50		844				2100	2100	LF	DURABLE CROSSWALK MARKING, TYPE I TAPE	646.501	29
				2								2	2	EA	DURABLE RAILROAD CROSSING SYMBOL, TYPE I TAPE	646.511	-
		20233		39260	7670	675		38761	8401			115000	115000	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	2484
		19648		35415	8730	8413		39409	8385			120000	120000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	1732
		852		508				1040				2400	2400	LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	121
		103		473	58	27		939				1600	1600	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	50
		38		148	66	34		246	8			540	540	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
		694		1604	114	99		1689				4200	4200	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	58
				4								4	4	EA	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	-
												3000	3000	EA	LINE STRIPING TARGETS	646.76	50
												25	25	LB	SEED	651.15	EST
												210	210	LB	FERTILIZER	651.18	EST
												1	1	TON	AGRICULTURAL LIMESTONE	651.20	EST
												2	2	TON	HAY MULCH	651.25	EST
				10								10	10	CY	TOPSOIL	651.35	EST
				50								50	50	SY	TEMPORARY EROSION MATTING	653.20	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
QUANTITY SHEET #2

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 11 OF 149

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BETHEL			RANDOLPH				NORTHFIELD			SUMMARY OF ESTIMATED QUANTITIES							
FULL CE	GOV'T NON-PARTIC.	RT-12	GOV'T NON-PARTIC.	RT-12	RT-66	RT-12A	GOV'T NON-PARTIC.	RT-12	RT-12A	TRAINING	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
												2210	2210	SF	TRAFFIC SIGNS, TYPE A	675.20	26.58
												2192	2192	LBS	TUBULAR STEEL SIGN POST	675.33	-
												3945	3945	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-
												12	12	EA	FOUNDATION FOR TUBULAR SIGN POST	675.43	-
												502	502	EA	REMOVING SIGNS	675.50	-
												21	21	EA	ERECTING SALVAGED SIGNS	675.60	-
												2	2	EA	DELINEATOR WITH STEEL POST	676.10	-
												2	2	EA	REMOVAL OF EXISTING DELINEATOR	676.12	-
												1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-
												1	1	EA	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 12 @ VINE STREET)	900.620	-
												4	4	EA	SPECIAL PROVISION (PEDESTAL MOUNTED PEDESTRIAN SIGNAL HEAD, COUNTDOWN) (VT 12 @ VINE STREET)	900.620	4
	205 ⚠												**205**	**LF**	**SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)**	**900.640**	
												1	1	LU	SPECIAL PROVISION (MAINTENANCE OF RAILROAD TRAFFIC) N.A.B.I.	900.650	-
												2770	2770	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	29.9
												50	50	TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I)	900.680	EST
												2500	2500	CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)	900.683	65.3

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

⚠ REVISED 2/12/13

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
QUANTITY SHEET #3

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 12 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 1

BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.28 SUBBASE OF CRUSHED GRAVEL	402.13 AGG. SHOULD. RAP	604.40 CHANGE ELEV. OF D.I., CB OR MANHOLE	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 C.I.P. CONC. CURB	616.40 REMOVE AND RESET CURB	616.41 REMOVAL OF EXIST. CURB	618.10 P.C.C. SIDE-WALK, 5 INCH	618.30 DETECT. WARNING SURFACE	621.20 STEEL BEAM G.R., GALV.	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVAL & DISP. OF G.R.	629.20 ADJUST ELEV. OF VALVE BOX	651.35 TOPSOIL	676.10 DELINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DELINE.	REMARKS
			CY	CY	CY	TON	TON	EA	EA	EA	EA	LF	LF	LF	LF	SY	SF	LF	EA	LF	EA	CY	EA	EA	
BETHEL					1		39	1	24	5	27										12				
80+07	80+34	LT	4.2			3.8						27				13.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
80+20	80+45	RT	0.9			0.6								25		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
84+19	84+45	RT	0.8			0.7								26		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
84+19	84+44	LT	0.7			0.6								25		2.3	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
85+98	86+14	LT	1.1			0.9								15		3.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
85+99	86+25	RT	0.8			0.7								26		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
88+42	88+54	RT	0.7			0.7								12		2.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
88+75	88+87	RT	0.7			0.6								12		2.2	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
88+66	88+92	LT	0.7			0.7								26		2.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
90+69	90+96	LT	0.8			0.7								27		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
90+74	90+90	RT	2.2			2.0								26		7.3	10								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
91+88	92+07	LT	1.2			1.1								15		4.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
98+29	98+38	RT	1.0			0.8										3.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
105+98	106+09	LT	0.6			0.5								11		1.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
106+25	106+39	LT	0.8			0.7								14		2.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
106+87	107+02	LT	0.8			0.8								15		2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
107+11	107+23	LT	0.7			0.7								12		2.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
118+27	118+39	LT	1.2			1.1								10		3.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
118+31	118+41	RT	1.5			1.3										4.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
SUBTOTAL			21.4	-	1	19.0	39	1	24	5	27	27	-	297	-	70.2	154	-	-	-	12	-	-	-	

ITEM DETAIL SUMMARY SHEET 1

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_13.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 13 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 2

BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.28 SUBBASE OF CRUSHED GRAVEL	402.13 AGG. SHOULD. RAP	604.40 CHANGE ELEV. OF D.I., CB OR MANHOLE	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 C.I.P. CONC. CURB	616.40 REMOVE AND RESET CURB	616.41 REMOVAL OF EXIST. CURB	618.10 P.C.C. SIDE-WALK, 5 INCH	618.30 DETECT. WARNING SURFACE	621.20 STEEL BEAM G.R., GALV.	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVAL & DISP. OF G.R.	629.20 ADJUST ELEV. OF VALVE BOX	651.35 TOPSOIL	676.10 DEL INE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DEL INE.	REMARKS
			CY	CY	CY	TON	TON	EA	EA	EA	EA	LF	LF	LF	LF	SY	SF	LF	EA	LF	EA	CY	EA	EA	
RANDOLPH ROUTE 12							88	6	53	13	26										30				EXAMPLE 1 FROM STANDARD DRAWING C-3A
90+54	90+62	RT	0.8			0.8										2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3B
90+86	90+93	LT	1.1			1.0							10			3.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
97+15	97+27	RT	1.0			0.8							12		12	3.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
103+21.5	104+59	LT		50														137.5	2	137.5		10	2	2	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT
																									STA. 103+21.5 AND STA. 104+59
103+85	104+00	RT	1.0			0.9								15		3.2	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3B
106+14	106+28	LT	0.6			0.6								14		2.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
106+60	106+73	LT	1.3			1.2								23		4.3	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
106+56	106+80	RT	0.8			0.7								24		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
106+73	106+93	LT	1.1			1.0								20		3.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
108+85	108+90	LT	1.1			0.9								25		3.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
109+20	109+30	LT	1.5			1.4								28		5.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
109+34	109+49	RT	1.6			1.4								15		5.2	8								CONSTRUCT NEW SIDEWALK RAMP AT RR,
																									CROSSING FROM STANDARD DRAWING C-3B
109+37	109+51	LT	1.9			1.7								16		6.2	8								CONSTRUCT NEW SIDEWALK RAMP AT RR,
																									CROSSING FROM STANDARD DRAWING C-3B
109+58	109+69	RT	2.3			2.0								13		7.6	8								CONSTRUCT NEW SIDEWALK RAMP AT RR,
																									CROSSING FROM STANDARD DRAWING C-3B
109+63	109+79	LT	1.2			1.1								20		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
109+66	109+70	RT	0.9			0.8								20		3.9	8								CONSTRUCT NEW SIDEWALK RAMP AT RR,
																									CROSSING FROM STANDARD DRAWING C-3B
109+80	109+92	RT	0.9			0.8								25		3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
110+27	110+46	LT	1.3			1.1								28		4.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
SUBTOTAL			20.4	50	-	18.2	88	6	53	13	26	-	22	286	12	66.7	136	137.5	2	137.5	30	10	2	2	

ITEM DETAIL SUMMARY SHEET 2

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_14.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 14 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 3

BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.28 SUBBASE OF CRUSHED GRAVEL	402.13 AGG. SHOULD. RAP	604.40 CHANGE ELEV. OF D.I., CB OR MANHOLE	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 C.I.P. CONC. CURB	616.40 REMOVE AND RESET CURB	616.41 REMOVAL OF EXIST. CURB	618.10 P.C.C. SIDE-WALK, 5 INCH	618.30 DETECT. WARNING SURFACE	621.20 STEEL BEAM G.R., GALV.	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVAL & DISP. OF G.R.	629.20 ADJUST ELEV. OF VALVE BOX	651.35 TOPSOIL	676.10 DEL INE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DEL INE.	REMARKS
			CY	CY	CY	TON	TON	EA	EA	EA	EA	LF	LF	LF	LF	SY	SF	LF	EA	LF	EA	CY	EA	EA	
110+27	110+49	RT	1.6			1.4								27		5.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
110+49	110+56	RT	1.3			1.1								23		4.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
110+84	111+02	RT	1.4			1.2								26		4.6	10								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
111+00	111+13	LT	1.3			1.1								26		4.2	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
111+07	111+27	RT	1.2			1.1								23		3.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
112+99	113+16	LT	1.2			1.1								22		3.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
113+02	113+20	RT	0.8			0.7								20		2.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
115+17	115+41	LT	0.8			0.7								24		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
115+94	116+19	RT	1.2			1.1								28		4.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
116+95	117+20	RT	0.9			0.8								27		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
116+96	117+17	LT	0.8			0.7								21		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
119+83	120+13	RT	1.1			1.0								30		3.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
119+88	120+06	LT	0.7			0.7								22		2.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
120+35	120+48	LT	1.1			0.9								19		3.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
123+44	123+64	RT	0.8			0.7								20		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
127+18	127+33	RT	0.8			0.8							12		12	2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
127+68	127+83	RT	0.9			0.8							12		12	2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
129+00	129+15	RT	0.8			0.7							13		13	2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
129+89	130+02	RT	0.8			0.7							13		13	2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
135+20	135+37	RT	0.8			0.7							19		19	2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
135+24	135+49	LT	0.9			0.8							26		26	2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
149+01	149+24	LT	0.9			0.8							23		23	3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
SUBTOTAL			22.1	-	-	19.6	-	-	-	-	-	-	118	358	118	72.0	178	-	-	-	-	-	-	-	

ITEM DETAIL SUMMARY SHEET 3

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_15.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 4

BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.28 SUBBASE OF CRUSHED GRAVEL	402.13 AGG. SHOULD. RAP	604.40 CHANGE ELEV. OF D.I., CB OR MANHOLE	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 C.I.P. CONC. CURB	616.40 REMOVE AND RESET CURB	616.41 REMOVAL OF EXIST. CURB	618.10 P.C.C. SIDE-WALK, 5 INCH	618.30 DETECT. WARNING SURFACE	621.20 STEEL BEAM G.R., GALV.	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVAL & DISP. OF G.R.	629.20 ADJUST ELEV. OF VALVE BOX	651.35 TOPSOIL	676.10 DEL INE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DEL INE.	REMARKS
			CY	CY	CY	TON	TON	EA	EA	EA	EA	LF	LF	LF	LF	SY	SF	LF	EA	LF	EA	CY	EA	EA	
RANDOLPH ROUTE 12A							61		2		2										3				
2+31	2+36	LT	0.8			0.7										2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B
2+42	2+50	RT	1.1			0.9										3.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B
10+15	10+22	RT	1.0			0.8										3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1, EXAMPLE 1 FROM STANDARD DRAWING C-3A
13+45	13+54	RT	1.7			1.5										5.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A
13+47	13+52	LT	0.8			0.8										2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A
RANDOLPH ROUTE 66								3	8	2	13										12				
6+18	6+38	RT	0.7			0.7								20		2.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B
8+35	8+43	RT	0.7			0.6								10		2.3	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6, EXAMPLE 2 FROM STANDARD DRAWING C-3B
8+87	9+06	RT	1.4			1.2								19		4.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1, EXAMPLE 1 FROM STANDARD DRAWING C-3A
18+01	18+06	RT	0.8			0.8										2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A
18+35	18+40	RT	0.8			0.8										2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A
SUBTOTAL			9.8	-	-	8.8	61	3	10	2	15	-	-	49	-	31.9	80	-	-	-	15	-	-	-	

ITEM DETAIL SUMMARY SHEET 4

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_16.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 16 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 5

BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.28 SUBBASE OF CRUSHED GRAVEL	402.13 AGG. SHOULD. RAP	604.40 CHANGE ELEV. OF D.I., CB OR MANHOLE	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 C.I.P. CONC. CURB	616.40 REMOVE AND RESET CURB	616.41 REMOVAL OF EXIST. CURB	618.10 P.C.C. SIDE-WALK, 5 INCH	618.30 DETECT. WARNING SURFACE	621.20 STEEL BEAM G.R., GALV.	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVAL & DISP. OF G.R.	629.20 ADJUST ELEV. OF VALVE BOX	651.35 TOPSOIL	676.10 DEL INE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DEL INE.	REMARKS
			CY	CY	CY	TON	TON	EA	EA	EA	EA	LF	LF	LF	LF	SY	SF	LF	EA	LF	EA	CY	EA	EA	
NORTHFIELD ROUTE 12A							62														1				
NORTHFIELD ROUTE 12							74	2	52	13	25										63				
177+93	177+99	LT	1.0			0.9										3.2	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
189+98	190+05	LT	1.2			1.1										3.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
190+00	190+05	RT	0.9			0.8										2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
190+41	190+57	LT	0.9			0.8								15		3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
192+41	192+59	LT	1.0			0.9								15		3.2	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
192+91	193+06	LT	0.8			0.7								15		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
194+80	194+98	RT	0.9			0.8								15		3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
199+45	199+61	RT	0.9			0.8								15		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
199+97	200+15	RT	1.1			0.9								16		3.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
200+70	200+86	RT	0.9			0.8								16		3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
200+72	200+87	LT	0.8			0.7								15		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
201+08	201+23	LT	0.8			0.7								15		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
204+64	204+80	LT	0.8			0.7								16		2.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
204+98	205+14	LT	0.8			0.8								15		2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
208+53	208+79	LT	0.8			0.7								15		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
208+55	208+70	RT	0.8			0.7								25		2.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
209+05	209+21	RT	0.7			0.7								14		2.4	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
211+70	211+83	RT	0.5			0.5								15		1.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
212+12	212+30	RT	0.9			0.8								15		3.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
214+85	215+02	RT	0.9			0.8								15		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
215+36	215+53	RT	0.9			0.8								15		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
SUBTOTAL			18.3	-	-	16.4	136	2	52	13	25	-	-	282	-	60.0	168	-	-	-	64	-	-	-	

ITEM DETAIL SUMMARY SHEET 5

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_17.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 17 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SUMMARY SHEET 6

BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.28 SUBBASE OF CRUSHED GRAVEL	402.13 AGG. SHOULD. RAP	604.40 CHANGE ELEV. OF D.I., CB OR MANHOLE	604.412 REHAB. D.I. CLASS I	604.415 REHAB. D.I. CLASS II	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 C.I.P. CONC. CURB	616.40 REMOVE AND RESET CURB	616.41 REMOVAL OF EXIST. CURB	618.10 P.C.C. SIDE-WALK, 5 INCH	618.30 DETECT. WARNING SURFACE	621.20 STEEL BEAM G.R., GALV.	621.60 ANCHOR FOR S.B. GUARDRAIL	621.80 REMOVAL & DISP. OF G.R.	629.20 ADJUST ELEV. OF VALVE BOX	651.35 TOPSOIL	676.10 DEL INE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DEL INE.	REMARKS
			CY	CY	CY	TON	TON	EA	EA	EA	EA	LF	LF	LF	LF	SY	SF	LF	EA	LF	EA	CY	EA	EA	
217+13	217+30	RT	0.8			0.8								17		2.8	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3A
219+43	219+50	LT	0.6			0.5								18		2.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
219+77	219+85	LT	0.8			0.7								24		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
220+25	220+37	RT	3.2			2.8										10.4	16								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3B
220+26	220+42	LT	1.2			1.0								30		3.8	12								CONSTRUCT NEW SIDEWALK RAMP TYPE 5,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
220+79	220+89	RT	1.3			1.1								25		4.2	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
223+97	224+22	RT	0.8			0.7								25		2.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
223+98	224+24	LT	0.8			0.7								26		2.6	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
227+04	227+26	LT	1.2			1.1								28		3.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 5 FROM STANDARD DRAWING C-3B
227+69	227+92	LT	1.2			1.1								23		4.0	12								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3B
227+70	227+94	RT	0.6			0.5								25		2.0	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 4 FROM STANDARD DRAWING C-3B
231+29	231+36	LT	1.0			0.8										3.1	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 1 FROM STANDARD DRAWING C-3B
231+32	231+38	RT	1.0			0.9										3.3	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 1,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3A
231+20	231+57	LT	0.9			0.8								43		2.9	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3B
232+05	232+28	LT	1.1			1.0								28		3.7	8								CONSTRUCT NEW SIDEWALK RAMP TYPE 6,
																									EXAMPLE 2 FROM STANDARD DRAWING C-3B
TOTAL THIS SHEET			16.5	-	-	14.5	-	-	-	-	-	-	-	312	-	54	136	-	-	-	-	-	-	-	
TOTAL IDSS 1			21.4	-	1	19.0	39	1	24	5	27	27	-	297	-	70.2	154	-	-	-	12	-	-	-	
TOTAL IDSS 2			20.4	50	-	18.2	88	6	53	13	26	-	22	286	12	66.7	136	137.5	2	137.5	30	10	2	2	
TOTAL IDSS 3			22.1	-	-	19.6	-	-	-	-	-	-	118	358	118	72.0	178	-	-	-	-	-	-	-	
TOTAL IDSS 4			9.8	-	-	8.8	61	3	10	2	15	-	-	49	-	31.9	80	-	-	-	15	-	-	-	
TOTAL IDSS 5			18.3	-	-	16.4	136	2	52	13	25	-	-	282	-	60.0	168	-	-	-	64	-	-	-	
SUBTOTAL			108.5	50	1	96.5	324	12	139	33	93	27	140	1584	130	354.8	852	137.5	2	137.5	121	10	2	2	
ROUNDING			1.5	-	-	3.5	1	-	-	-	-	3	-	16	-	5.2	-	-	-	-	-	-	-	-	
TOTAL			110	50	1	100	325	12	139	33	93	30	140	1600	130	360	852	137.5	2	137.5	121	10	2	2	

ITEM DETAIL SUMMARY SHEET 6

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_18.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 87+94 LT
STA. 88+03 RT
STA. 88+37 RT
STA. 89+53 LT
STA. 89+54 RT
STA. 91+12 LT
STA. 91+14 RT
STA. 92+35 LT

CHANGING ELEVATION OF SEWER MANHOLES

STA. 88+38 RT
STA. 89+13 LT
STA. 89+60 RT
STA. 89+96 RT
STA. 90+96 LT
STA. 90+98 RT
STA. 91+16 LT

ADJUST ELEVATION OF VALVE BOX

STA. 87+25 RT "WSV"
STA. 88+75 RT "WSV"
STA. 91+06 RT "WSV"

COMMON EXCAVATION

STA. 88+49 - STA. 88+54 RT
STA. 88+75 - STA. 88+79 RT
STA. 88+77 - STA. 88+82 LT
STA. 90+79 - STA. 90+85 LT
STA. 90+80 - STA. 90+90 RT
STA. 91+88 - STA. 91+97 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 88+49 - STA. 88+54 RT
STA. 88+75 - STA. 88+79 RT
STA. 88+77 - STA. 88+82 LT
STA. 90+79 - STA. 90+85 LT
STA. 90+80 - STA. 90+90 RT
STA. 91+88 - STA. 91+97 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 88+49 - STA. 88+54 RT
STA. 88+75 - STA. 88+79 RT
STA. 88+77 - STA. 88+82 LT
STA. 90+79 - STA. 90+85 LT
STA. 90+80 - STA. 90+90 RT
STA. 91+88 - STA. 91+97 LT

REMOVE AND RESET CURB

STA. 88+42 - STA. 88+52 RT
STA. 88+66 - STA. 88+92 LT
STA. 88+77 - STA. 88+87 RT
STA. 90+69 - STA. 90+96 LT
STA. 90+74 - STA. 90+84 RT
STA. 91+89 - STA. 92+07 LT

DETECTABLE WARNING SURFACES

STA. 88+51 RT (8 SF)
STA. 88+78 RT (8 SF)
STA. 88+79 LT (8 SF)
STA. 90+82 LT (8 SF)
STA. 90+85 RT (10 SF)
STA. 91+91 LT (8 SF)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (EDGELINES TH#5)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (CENTERLINE TH#5)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (EDGELINES TH#5)

TEMPORARY 4 INCH YELLOW LINE, PAINT

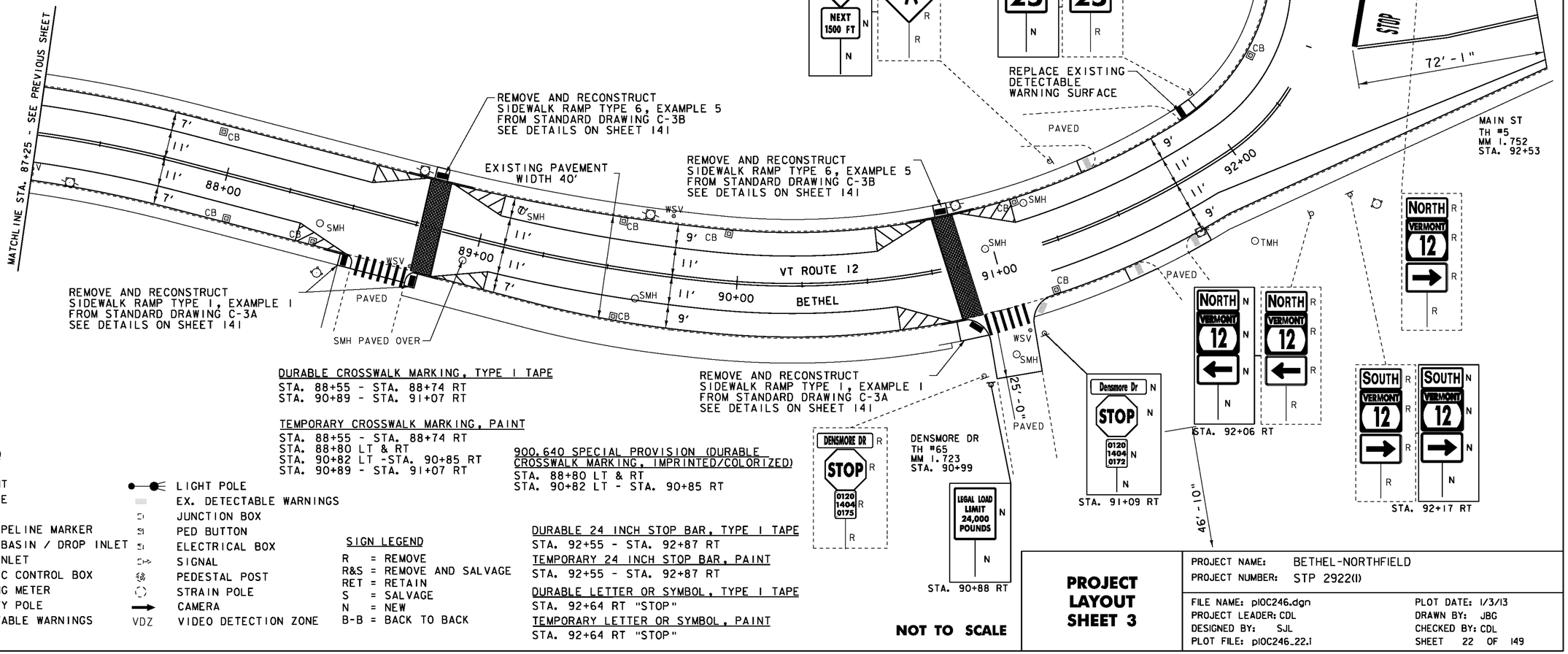
STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (CENTERLINE TH#5)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 88+33 - STA. 88+53 (HATCH RT)
STA. 88+55 - STA. 88+75 (HATCH LT)
STA. 88+86 - STA. 89+06 (HATCH LT & RT)
STA. 90+56 - STA. 90+76 (HATCH LT)
STA. 90+60 - STA. 90+80 (HATCH RT)
STA. 90+92 - STA. 91+12 (HATCH LT)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 88+33 - STA. 88+53 (HATCH RT)
STA. 88+55 - STA. 88+75 (HATCH LT)
STA. 88+86 - STA. 89+06 (HATCH LT & RT)
STA. 90+56 - STA. 90+76 (HATCH LT)
STA. 90+60 - STA. 90+80 (HATCH RT)
STA. 90+92 - STA. 91+12 (HATCH LT)



DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 88+55 - STA. 88+74 RT
STA. 90+89 - STA. 91+07 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 88+55 - STA. 88+74 RT
STA. 88+80 LT & RT
STA. 90+82 LT -STA. 90+85 RT
STA. 90+89 - STA. 91+07 RT

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

STA. 88+80 LT & RT
STA. 90+82 LT - STA. 90+85 RT

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 92+55 - STA. 92+87 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 92+55 - STA. 92+87 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 92+64 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 92+64 RT "STOP"

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 3

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_22.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 22 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 77+20 RT ✓
STA. 77+72 RT ✓
STA. 79+33 RT ✓
STA. 80+47 LT ✓
STA. 81+59 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 77+45 LT ✓
STA. 79+16 LT ✓
STA. 80+46 RT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 78+94 RT "WSV"

COMMON EXCAVATION

STA. 80+07 - STA. 80+34 LT
STA. 80+29 - STA. 80+35 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 80+07 - STA. 80+34 LT STA 81+12 - STA 81+17 RT
STA. 80+29 - STA. 80+35 RT STA 81+33 - STA 81+37 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 80+07 - STA. 80+34 LT
STA. 80+29 - STA. 80+35 RT

REMOVING AND RESETTING CURB

STA. 80+20 - STA. 80+45 RT

VERTICAL GRANITE CURB

STA. 80+07 - STA. 80+34 LT

DETECTABLE WARNING SURFACE

STA. 80+32 LT (8 SF)
STA. 80+32 RT (8 SF)
STA 81+15 RT (8 SF)
STA 81+35 RT (8 SF)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 76+07 - STA. 81+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 76+07 - STA. 81+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 76+07 - STA. 81+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 76+07 - STA. 81+75 (SOLID LT & RT)

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

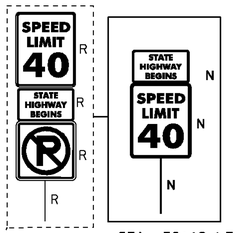
STA. 80+32 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT

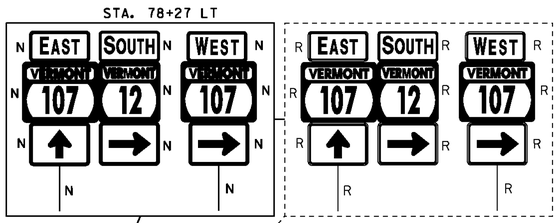
STA. 80+32 LT & RT

REMOVING SIGNS

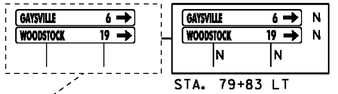
AS SHOWN - 20



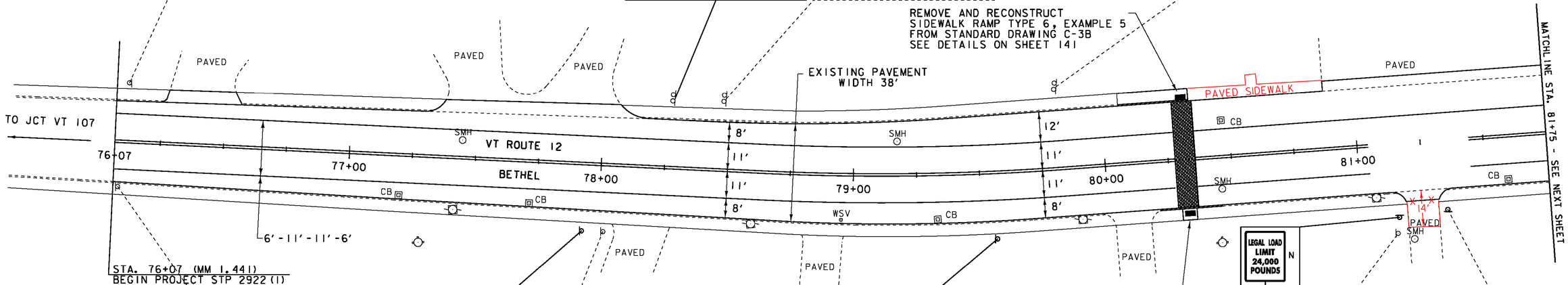
STA. 76+12 LT



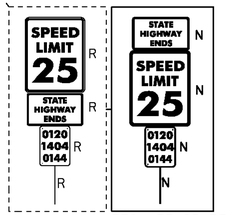
STA. 78+27 LT



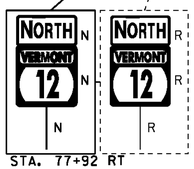
STA. 79+83 LT



STA. 76+07 (MM 1.441)
BEGIN PROJECT STP 2922(I)



STA. 76+09 RT

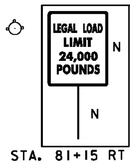


STA. 77+92 RT

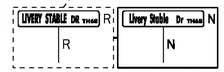


STA. 79+56 RT

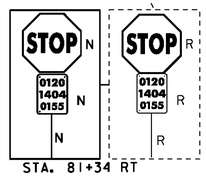
REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B SEE DETAILS ON SHEET 141



STA. 81+15 RT



STA. 81+14 RT



STA. 81+34 RT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- DETECTABLE WARNINGS

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 1

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_20.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 20 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 82+20 LT ✓
STA. 83+14 RT ✓
STA. 84+75 RT ✓
STA. 84+83 LT ✓
STA. 86+08 RT ✓
STA. 86+11 LT ✓
STA. 84+45 RT

CHANGING ELEVATION OF SEWER MANHOLES

STA. 82+12 RT ✓
STA. 83+14 RT ✓
STA. 83+23 LT ✓
STA. 84+83 CL ✓
STA. 86+29 LT ✓

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 86+37 LT "DMH"

ADJUST ELEVATION OF VALVE BOX

STA. 82+11 RT "WSV"
STA. 85+18 RT "WSV"

COMMON EXCAVATION

STA. 84+29 - STA. 84+35 RT
STA. 84+30 - STA. 84+35 LT
STA. 86+08 - STA. 86+14 LT
STA. 86+09 - STA. 86+15 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 84+29 - STA. 84+35 RT ✓ STA. 83+50 - STA. 83+58 RT
STA. 84+30 - STA. 84+35 LT ✓ STA. 83+25 - STA. 83+30 RT
STA. 86+08 - STA. 86+14 LT ✓
STA. 86+09 - STA. 86+15 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 84+29 - STA. 84+35 RT
STA. 84+30 - STA. 84+35 LT
STA. 86+08 - STA. 86+14 LT
STA. 86+09 - STA. 86+15 RT

REMOVE AND RESET CURB

STA. 84+19 - STA. 84+45 RT
STA. 84+19 - STA. 84+44 LT
STA. 85+98 - STA. 86+13 LT
STA. 85+99 - STA. 86+25 RT

DETECTABLE WARNING SURFACES

STA. 84+32 LT (8 SF) ✓
STA. 84+32 RT (8 SF) ✓
STA. 86+10 LT (8 SF) ✓
STA. 86+12 RT (8 SF) ✓
STA. 83+55 RT (8 SF)
STA. 83+30 RT (8 SF)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 81+75 - STA. 87+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 81+75 - STA. 87+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 81+75 - STA. 87+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 81+75 - STA. 87+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 84+07 - STA. 84+27 (HATCH LT & RT)
STA. 84+37 - STA. 84+57 (HATCH LT & RT)
STA. 85+86 - STA. 86+06 (HATCH RT)
STA. 85+89 - STA. 86+09 (HATCH LT)
STA. 86+19 - STA. 86+39 (HATCH RT)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 84+07 - STA. 84+27 (HATCH LT & RT)
STA. 84+37 - STA. 84+57 (HATCH LT & RT)
STA. 85+86 - STA. 86+06 (HATCH RT)
STA. 85+89 - STA. 86+09 (HATCH LT)
STA. 86+19 - STA. 86+39 (HATCH RT)

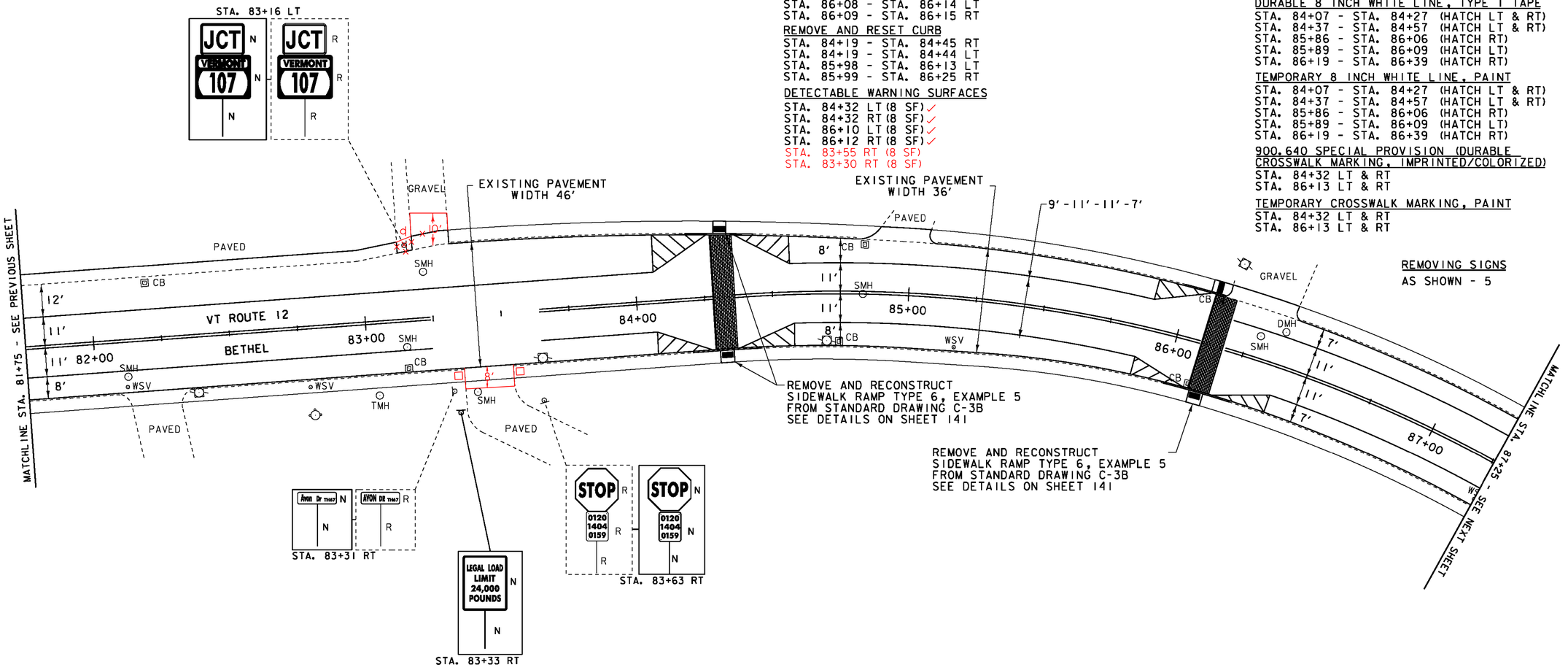
900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

STA. 84+32 LT & RT
STA. 86+13 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 84+32 LT & RT
STA. 86+13 LT & RT

REMOVING SIGNS
AS SHOWN - 5



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 2

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_21.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 21 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 87+94 LT ✓
STA. 88+03 RT ✓
STA. 88+37 RT ✓
STA. 89+53 LT ✓
STA. 89+54 RT ✓
STA. 91+12 LT ✓
STA. 91+14 RT ✓
STA. 92+35 LT ✓
STA. 90+00 LT (NOT ON PLANS)

CHANGING ELEVATION OF SEWER MANHOLES

STA. 88+38 RT ✓
STA. 89+13 LT ✓
STA. 89+60 RT ✓
STA. 89+96 RT (NOTHING THERE)
STA. 90+96 LT ✓
STA. 90+98 RT ✓
STA. 91+16 LT ✓
STA. 88+85 RT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 87+25 RT "WSV"
STA. 88+75 RT "WSV"
STA. 91+06 RT "WSV"

NO RECONSTRUCTION IN THIS AREA

COMMON EXCAVATION

STA. 88+49 - STA. 88+54 RT ✓
STA. 88+75 - STA. 88+79 RT ✓
STA. 88+77 - STA. 88+82 LT ✓
STA. 90+79 - STA. 90+85 LT ✓
STA. 90+80 - STA. 90+90 RT ✓
STA. 91+88 - STA. 91+97 LT ✓

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 88+49 - STA. 88+54 RT
STA. 88+75 - STA. 88+79 RT
STA. 88+77 - STA. 88+82 LT
STA. 90+79 - STA. 90+85 LT
STA. 90+80 - STA. 90+90 RT
STA. 91+88 - STA. 91+97 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 88+49 - STA. 88+54 RT
STA. 88+75 - STA. 88+79 RT
STA. 88+77 - STA. 88+82 LT
STA. 90+79 - STA. 90+85 LT
STA. 90+80 - STA. 90+90 RT
STA. 91+88 - STA. 91+97 LT

REMOVE AND RESET CURB

STA. 88+42 - STA. 88+52 RT
STA. 88+66 - STA. 88+92 LT
STA. 88+77 - STA. 88+87 RT
STA. 90+69 - STA. 90+96 LT
STA. 90+74 - STA. 90+84 RT
STA. 91+89 - STA. 92+07 LT

DETECTABLE WARNING SURFACES

STA. 88+51 RT (8 SF) ✓
STA. 88+78 RT (8 SF) ✓
STA. 88+79 LT (8 SF) ✓
STA. 90+82 LT (8 SF) ✓
STA. 90+85 RT (10 SF) 8 SF
STA. 91+91 LT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (EDGELINES TH#5)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (CENTERLINE TH#5)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (EDGELINES TH#5)

TEMPORARY 4 INCH YELLOW LINE, PAINT

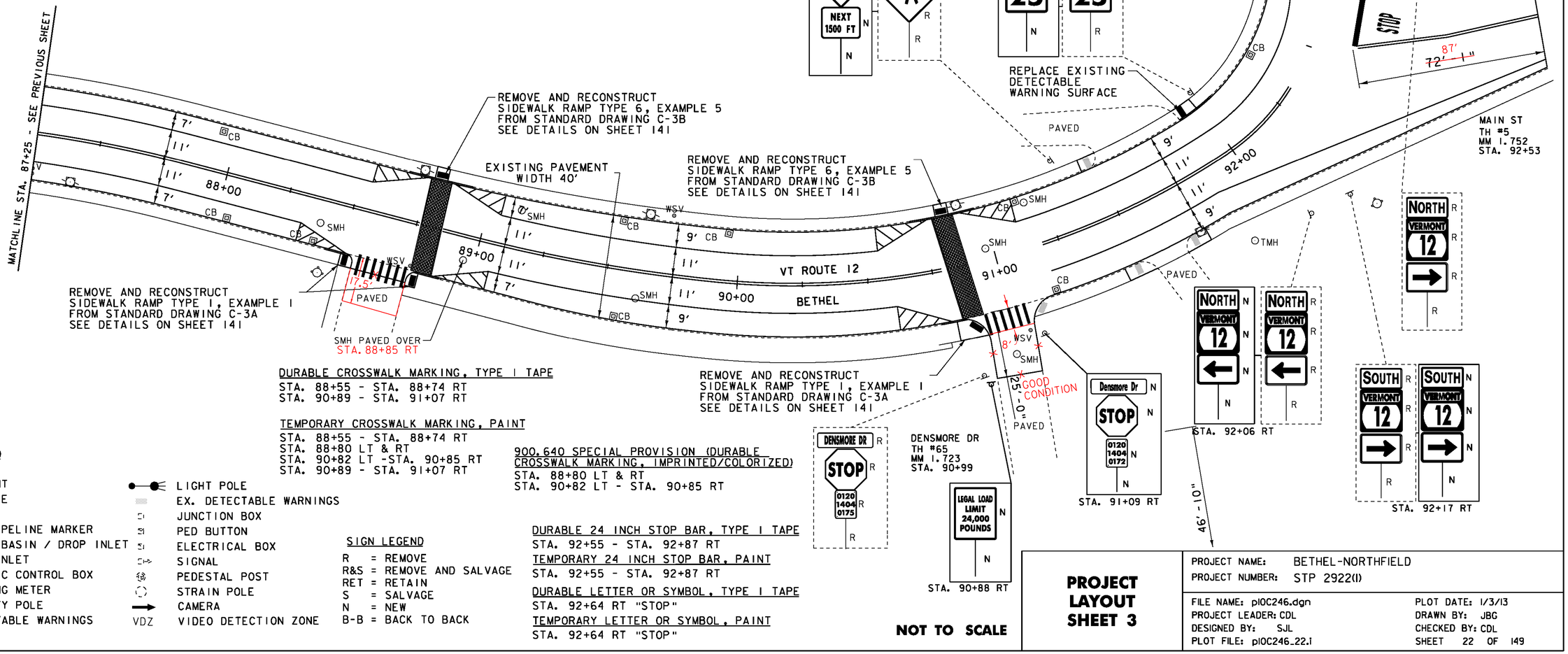
STA. 87+25 - STA. 94+25 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS & CROSSWALKS)
STA. 92+52 RT (CENTERLINE TH#5)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 88+33 - STA. 88+53 (HATCH RT)
STA. 88+55 - STA. 88+75 (HATCH LT)
STA. 88+86 - STA. 89+06 (HATCH LT & RT)
STA. 90+56 - STA. 90+76 (HATCH LT)
STA. 90+60 - STA. 90+80 (HATCH RT)
STA. 90+92 - STA. 91+12 (HATCH LT)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 88+33 - STA. 88+53 (HATCH RT)
STA. 88+55 - STA. 88+75 (HATCH LT)
STA. 88+86 - STA. 89+06 (HATCH LT & RT)
STA. 90+56 - STA. 90+76 (HATCH LT)
STA. 90+60 - STA. 90+80 (HATCH RT)
STA. 90+92 - STA. 91+12 (HATCH LT)



DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 88+55 - STA. 88+74 RT
STA. 90+89 - STA. 91+07 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 88+55 - STA. 88+74 RT
STA. 88+80 LT & RT
STA. 90+82 LT - STA. 90+85 RT
STA. 90+89 - STA. 91+07 RT

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STA. 88+80 LT & RT
STA. 90+82 LT - STA. 90+85 RT

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 92+55 - STA. 92+87 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 92+55 - STA. 92+87 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 92+64 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 92+64 RT "STOP"

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 3

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_22.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 22 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 95+32 LT ✓
STA. 95+32 RT ✓
STA. 97+00 LT ✓
STA. 97+32 RT NO RECONSTRUCTION DONE IN THIS AREA

CHANGING ELEVATION OF SEWER MANHOLES
STA. 97+30 CL ✓
STA. 97+37 RT NO RECONSTRUCTION DONE IN THIS AREA
STA. 98+92 LT ✓

COMMON EXCAVATION
STA. 98+29 - STA. 98+38 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 98+29 - STA. 98+38 RT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 98+29 - STA. 98+38 RT ✓

DETECTABLE WARNING SURFACES
STA. 98+33 RT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 94+25 - STA. 99+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS & CROSSWALKS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 94+25 - STA. 99+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS & CROSSWALKS)

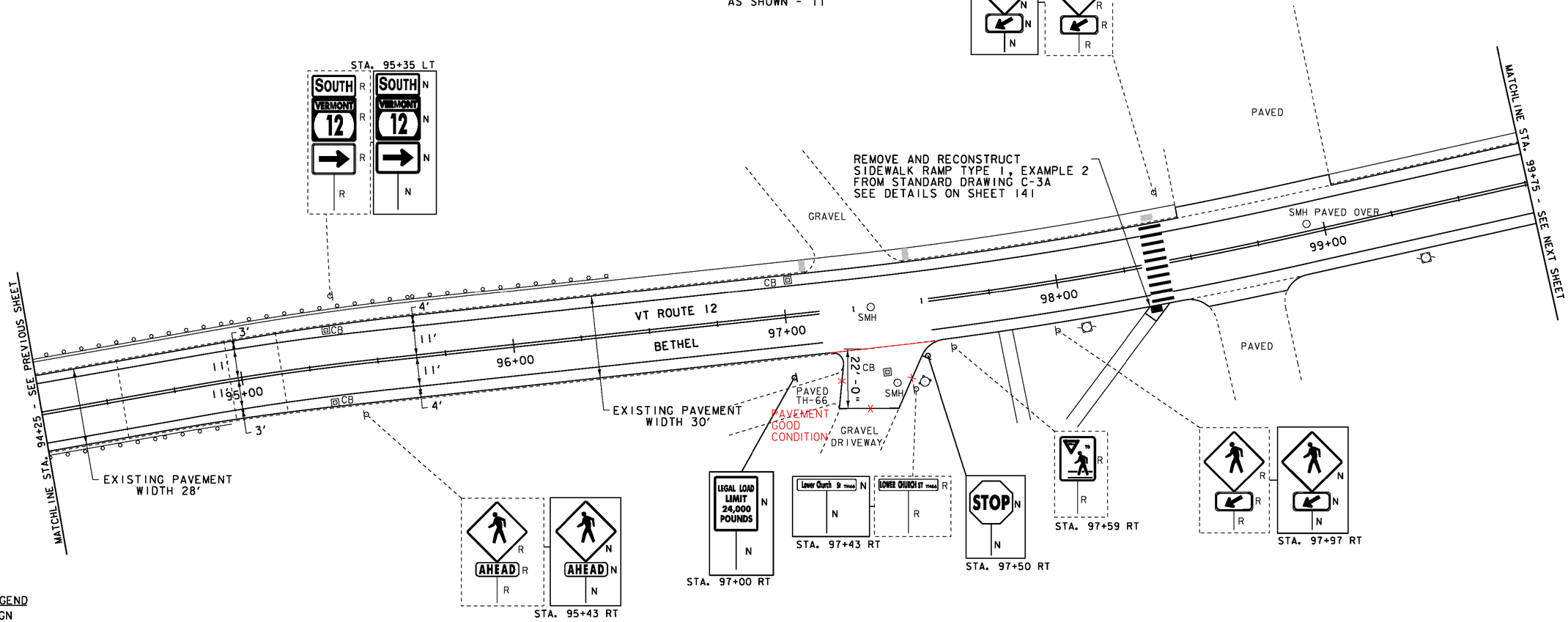
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 94+25 - STA. 99+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT SIDEROADS & CROSSWALKS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 94+25 - STA. 99+75 (SOLID LT & RT)
(WITH CENTERLINE BREAKS AT SIDEROADS & CROSSWALKS)

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 98+36 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 98+36 LT & RT

REMOVING SIGNS
AS SHOWN - II



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

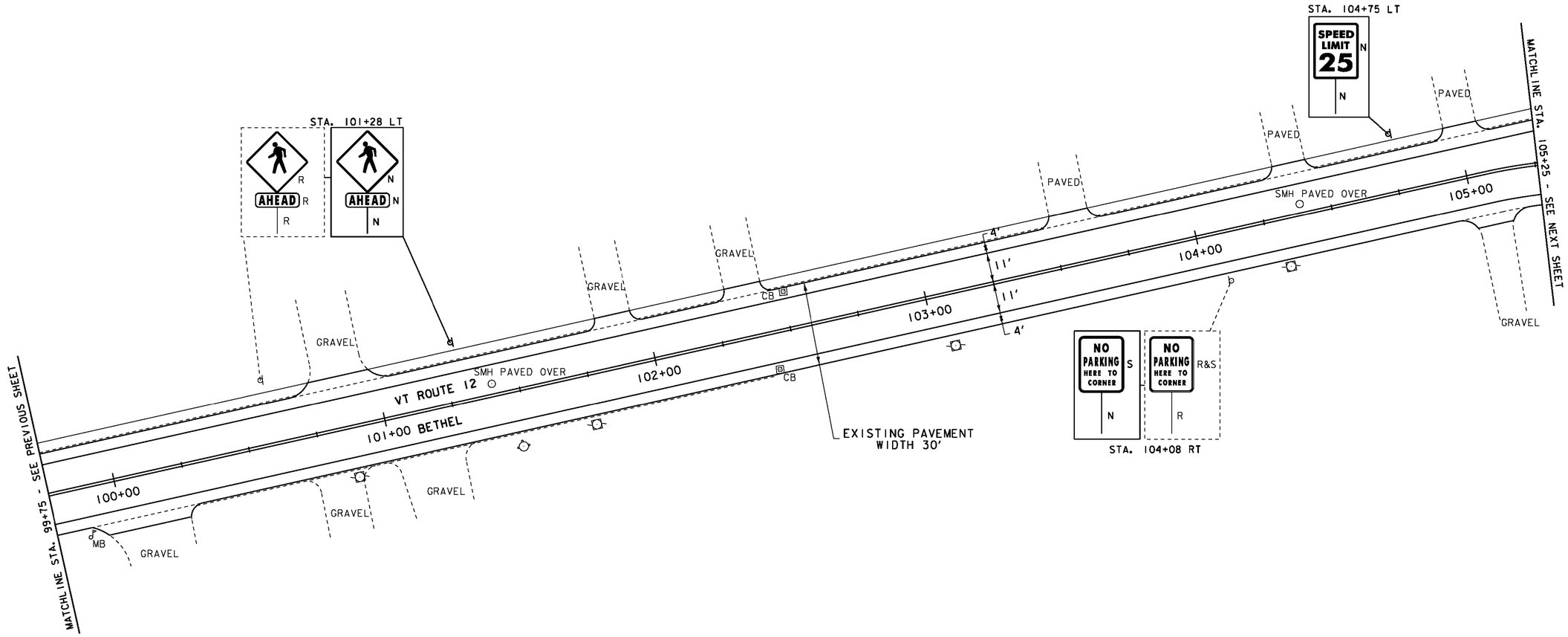
NOT TO SCALE

PROJECT LAYOUT SHEET 4

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_23.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 23 OF 149



REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 102+42 RT NOT DONE, OUTSIDE OF THE SHOULDER
STA. 102+49 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES
STA. 101+40 LT ✓
STA. 104+37 LT ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 99+75 - STA. 105+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 99+75 - STA. 105+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 99+75 - STA. 105+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 99+75 - STA. 105+25 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 3

ERECTING SALVAGED SIGNS
AS SHOWN - 1

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 5

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_24.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 24 OF 149

COMMON EXCAVATION
STA. 106+04 - STA. 106+08 LT
STA. 106+25 - STA. 106+30 LT ✓
STA. 106+96 - STA. 107+02 LT ✓
STA. 107+18 - STA. 107+23 LT ✓

NOT DONE DUE TO PROPOSED SW PROJ.

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 106+04 - STA. 106+08 LT
STA. 106+25 - STA. 106+30 LT
STA. 106+96 - STA. 107+02 LT
STA. 107+18 - STA. 107+23 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 106+04 - STA. 106+08 LT
STA. 106+25 - STA. 106+30 LT
STA. 106+96 - STA. 107+02 LT
STA. 107+18 - STA. 107+23 LT

REMOVE AND RESET CURB
STA. 105+98 - STA. 106+09 LT
STA. 106+26 - STA. 106+39 LT
STA. 106+87 - STA. 106+99 LT
STA. 107+11 - STA. 107+23 LT

DETECTABLE WARNING SURFACES
STA. 106+07 LT (8 SF) NOT DONE, PROPOSED SW PROJECT
STA. 106+28 LT (8 SF) ✓
STA. 106+97 LT (8 SF) ✓
STA. 107+19 LT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 105+25 - STA. 110+50 (SOLID LT & RT)
STA. 105+85 LT (EDGELINES TH #46)
STA. 107+35 LT (EDGELINES TH #46)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 105+25 - STA. 110+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 106+20 - STA. 106+37 LT (CENTERLINE TH #46)
STA. 106+99 - STA. 107+09 LT (CENTERLINE TH #46)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 105+25 - STA. 110+50 (SOLID LT & RT)
STA. 105+85 LT (EDGELINES TH #46)
STA. 107+35 LT (EDGELINES TH #46)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 105+25 - STA. 110+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 106+20 - STA. 106+37 LT (CENTERLINE TH #46)
STA. 106+99 - STA. 107+09 LT (CENTERLINE TH #46)

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 107+02 - STA. 107+09 LT

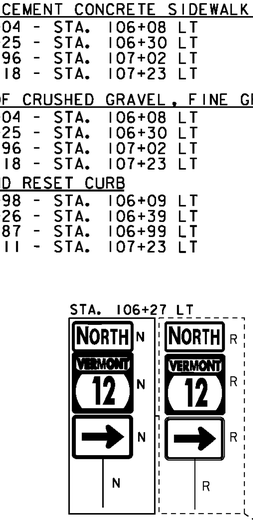
TEMPORARY 24 INCH STOP BAR, PAINT
STA. 107+02 - STA. 107+09 LT

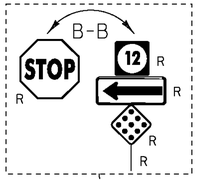
DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 106+21 LT "YIELD"
STA. 106+99 LT "STOP"

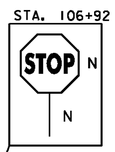
TEMPORARY LETTER OR SYMBOL, PAINT
STA. 106+21 LT "YIELD"
STA. 106+99 LT "STOP"

CHANGING ELEVATION OF SEWER MANHOLES
STA. 109+53 LT ✓

REMOVING SIGNS
AS SHOWN - 11

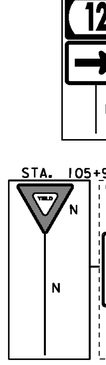


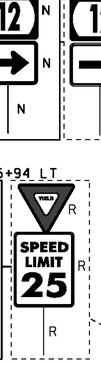




STA. 106+92 LT

STA. 106+27 LT





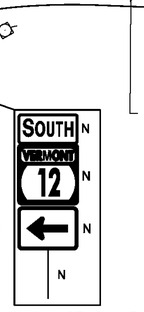
STA. 105+94 LT

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B SEE DETAILS ON SHEET 141

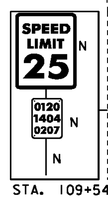
REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 1, EXAMPLE 1 FROM STANDARD DRAWING C-3A SEE DETAILS ON SHEET 141

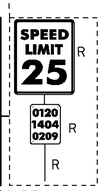
REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B SEE DETAILS ON SHEET 141

PAVED
GRAVEL
SMH
SAND HILL RD
TH #46
MM 2.005 & MM 2.033
STA. 105+85 & STA. 107+35 LT
CB
20'-0"
31'-0"
YIELD
106+00
107+00
108+00
109+00
BETHEL
VT ROUTE 12
PAVED OVER
3'
11'
11'
3'
110+00
MB
EXISTING PAVEMENT WIDTH 33'
EXISTING PAVEMENT WIDTH 28'
MATCHLINE STA. 105+25 - SEE PREVIOUS SHEET
MATCHLINE STA. 110+50 - SEE NEXT SHEET



STA. 107+01 LT





STA. 109+54 RT

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 106+10 - STA. 106+28 LT
STA. 107+06 - STA. 107+17 LT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 106+10 - STA. 106+28 LT
STA. 107+06 - STA. 107+17 LT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 6

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_25.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 25 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 111+76 LT ✓
STA. 113+56 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 111+08 LT (CLEAN OUT) NOTHING DONE
STA. 112+41 LT ✓ PER VILLAGE
STA. 114+87 LT ✓ PLANT OPERATOR

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 110+50 - STA. 116+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 110+50 - STA. 116+25 (SOLID LT & RT)

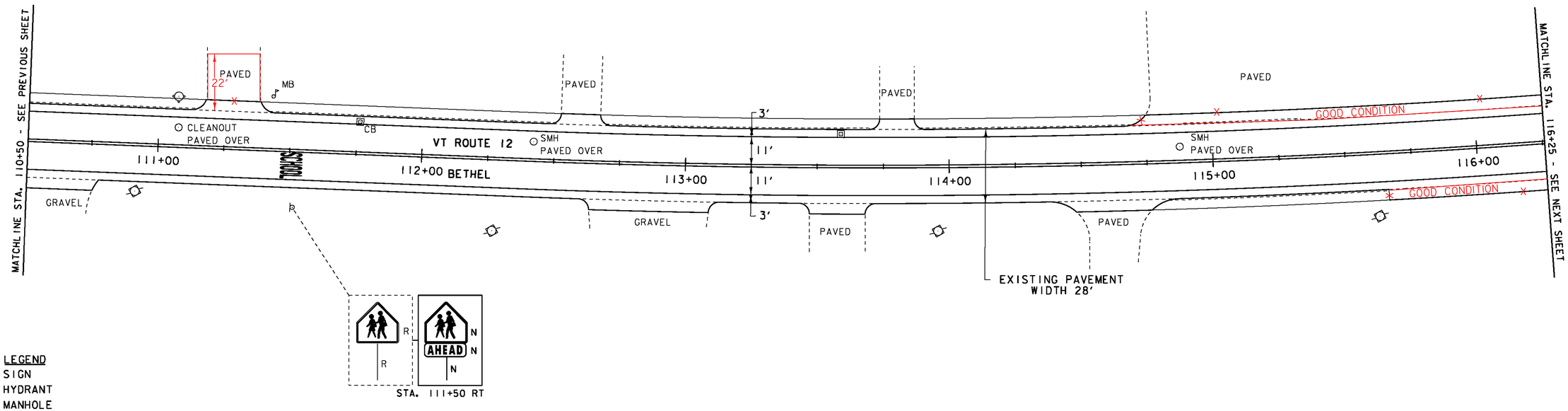
DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 111+50 RT "SCHOOL"

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 110+50 - STA. 116+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 110+50 - STA. 116+25 (SOLID LT & RT)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 111+50 RT "SCHOOL"

REMOVING SIGNS
AS SHOWN - 1



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- DETECTABLE WARNINGS

SIGN LEGEND

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

PROJECT LAYOUT SHEET 7

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_26.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 26 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 117+56 LT ✓

ADJUST ELEVATION OF VALVE BOX
STA. 116+68 RT "WSV"
STA. 117+22 RT "WSV"
STA. 118+61 RT "WSV"
STA. 119+22 RT "WSV"
STA. 119+52 RT "WSV"
STA. 120+98 RT "WSV"

CHANGING ELEVATION OF SEWER MANHOLES
STA. 118+00 LT
STA. 120+35 LT } NOT LOCATED
STA. 121+02 LT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 116+25 - STA. 121+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 116+25 - STA. 121+50 (SOLID LT & RT)

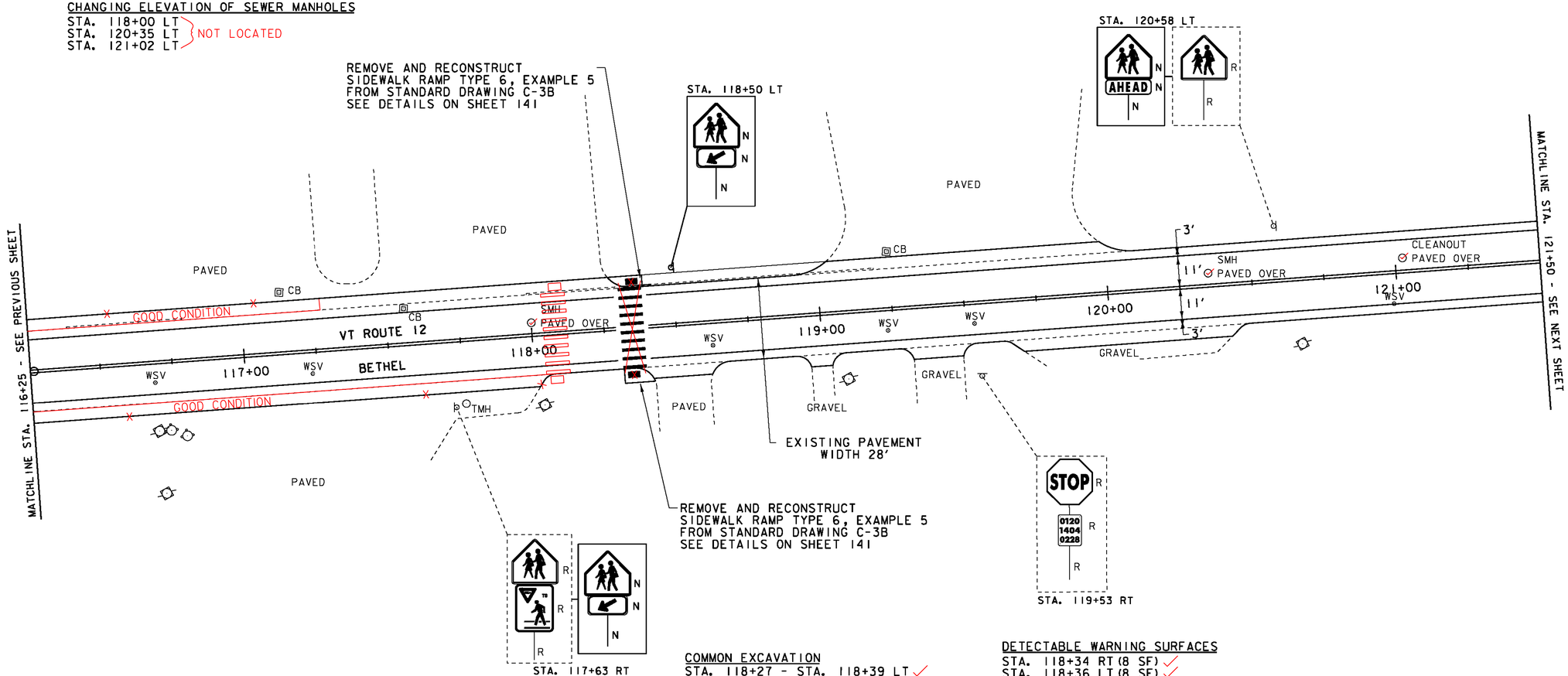
DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 118+35 LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 116+25 - STA. 121+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 116+25 - STA. 121+50 (SOLID LT & RT)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 118+35 LT & RT

REMOVING SIGNS
AS SHOWN - 5



COMMON EXCAVATION
STA. 118+27 - STA. 118+39 LT ✓
STA. 118+31 - STA. 118+41 RT ✓

DETECTABLE WARNING SURFACES
STA. 118+34 RT (8 SF) ✓
STA. 118+36 LT (8 SF) ✓

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 118+27 - STA. 118+39 LT
STA. 118+31 - STA. 118+41 RT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 118+27 - STA. 118+39 LT
STA. 118+31 - STA. 118+41 RT

REMOVE AND RESET CURB
STA. 118+32 - STA. 118+42 LT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 8

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

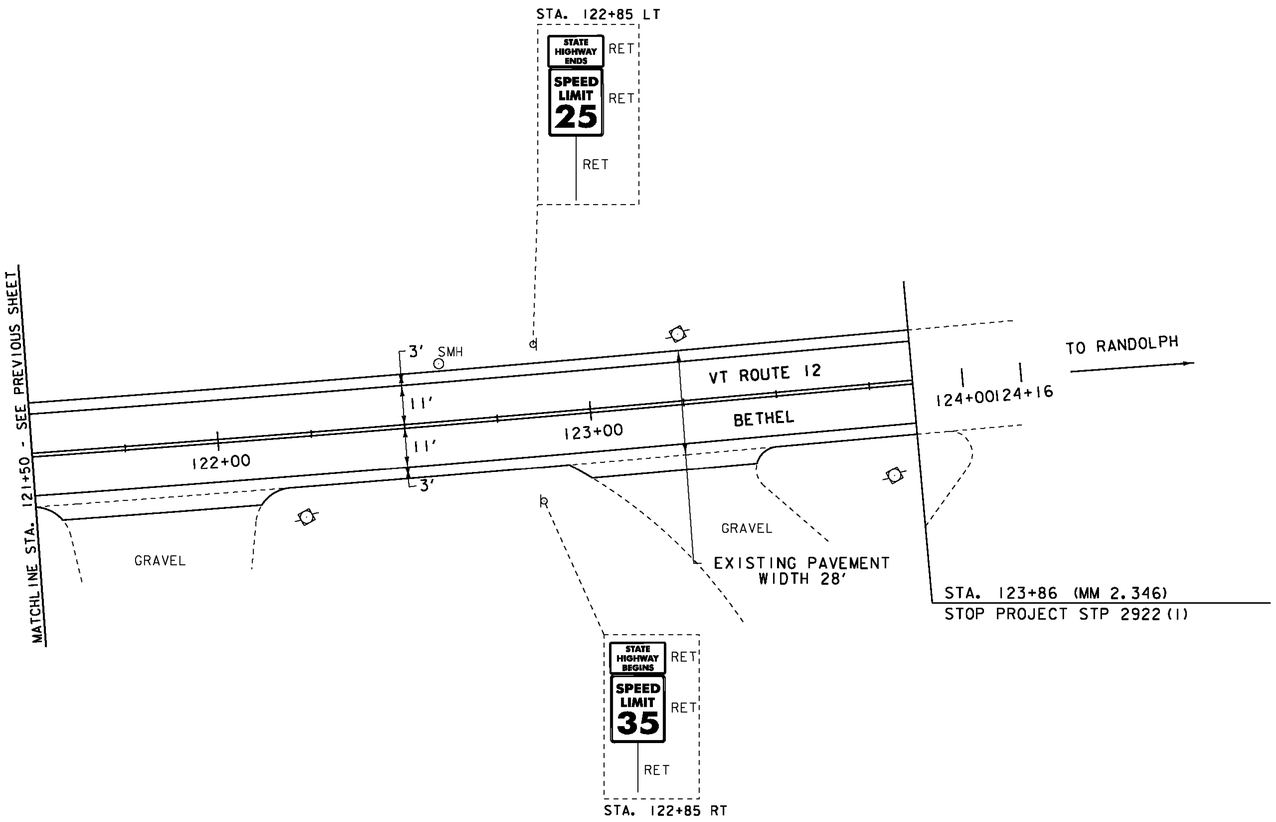
FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_27.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 27 OF 149

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 121+50 - STA. 123+86 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 121+50 - STA. 123+86 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 121+50 - STA. 123+86 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 121+50 - STA. 123+86 (SOLID LT & RT)



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 9

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_28.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 28 OF 149

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 77+19 - STA. 79+75 (SOLID LT & RT)

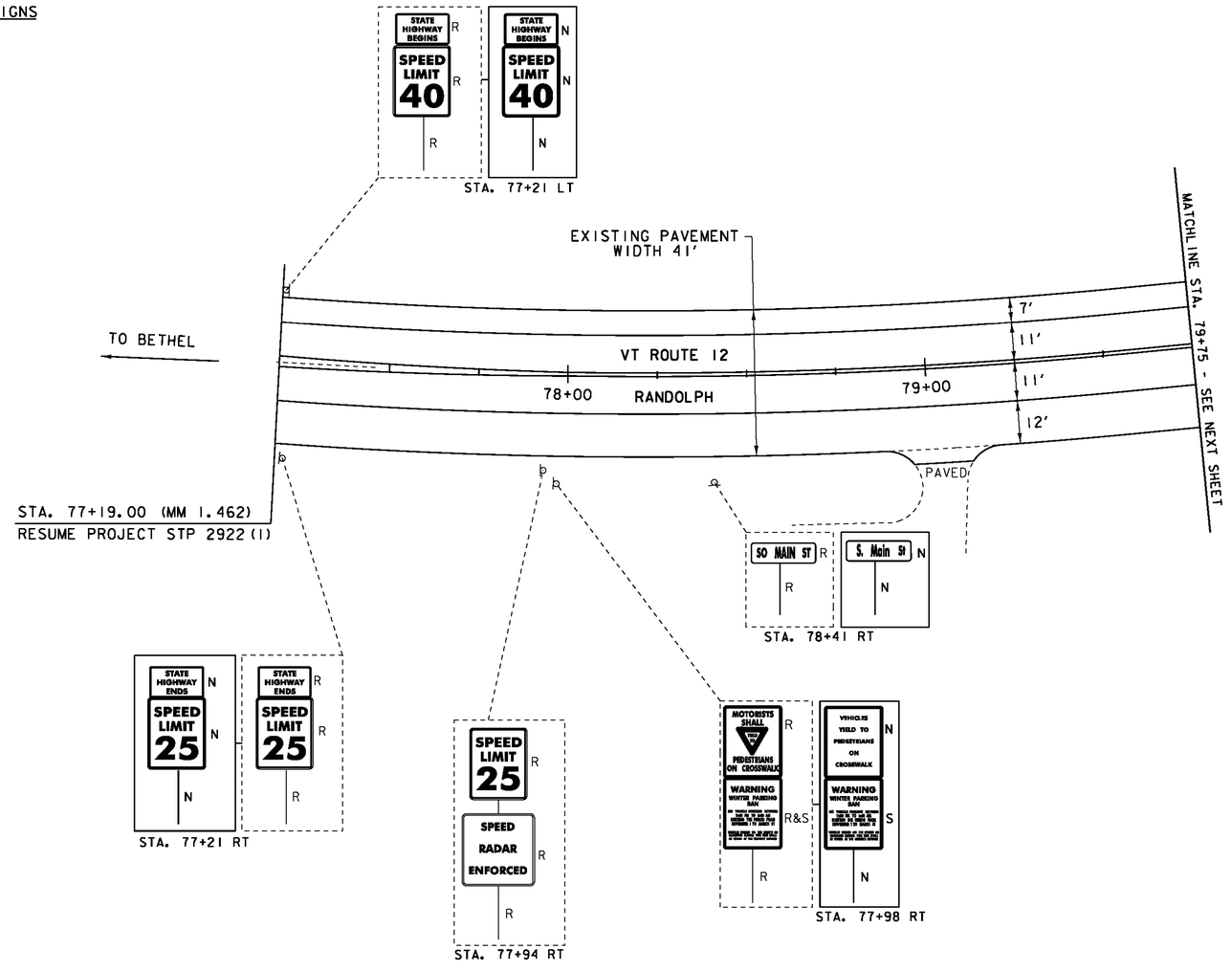
DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 77+19 - STA. 79+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 77+19 - STA. 79+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 77+19 - STA. 79+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 1



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 10

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_29.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 29 OF 149

ADJUST ELEVATION OF VALVE BOX
STA. 83+46 LT "WSV"

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 79+75 - STA. 84+75 (SOLID LT & RT)

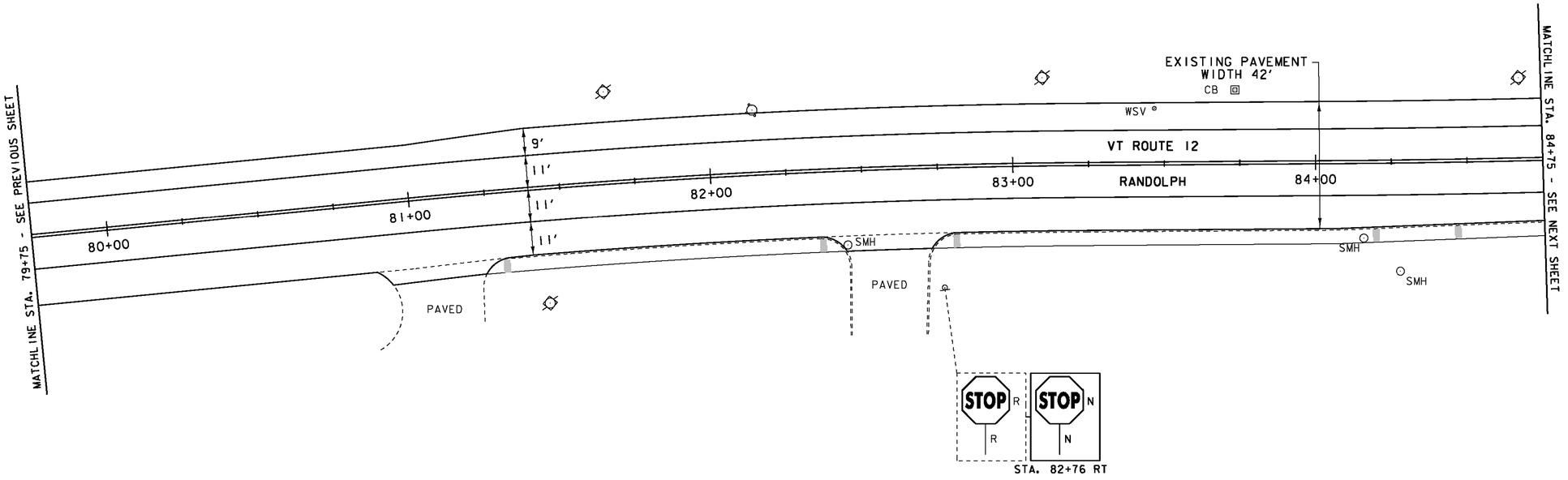
DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 79+75 - STA. 84+75 (SOLID LT & RT)

CHANGING ELEVATION OF SEWER MANHOLES
STA. 82+45 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 79+75 - STA. 84+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 79+75 - STA. 84+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 1



LEGEND

	SIGN		LIGHT POLE
	HYDRANT		EX. DETECTABLE WARNINGS
	MANHOLE		JUNCTION BOX
	VALVE		PED BUTTON
	GAS PIPELINE MARKER		ELECTRICAL BOX
	CATCH BASIN / DROP INLET		SIGNAL
	CURB INLET		PEDESTAL POST
	TRAFFIC CONTROL BOX		STRAIN POLE
	PARKING METER		CAMERA
	UTILITY POLE	VDZ	VIDEO DETECTION ZONE
	DETECTABLE WARNINGS		

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 11

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_30.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 30 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 84+86 RT ✓
STA. 90+69 RT ✓

ADJUST ELEVATION OF VALVE BOX
STA. 88+23 LT "WSV" ✓
STA. 88+25 LT "WSV" ✓

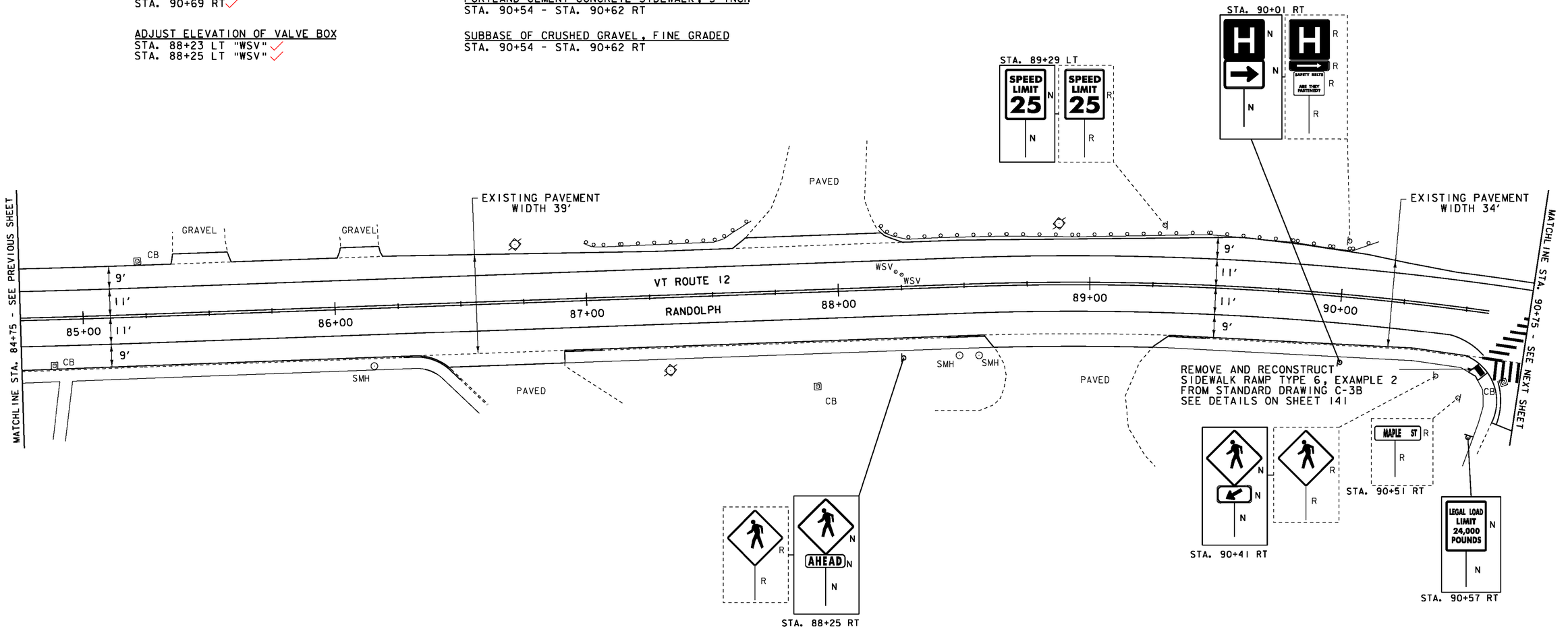
COMMON EXCAVATION
STA. 90+54 - STA. 90+62 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 90+54 - STA. 90+62 RT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 90+54 - STA. 90+62 RT

DETECTABLE WARNING SURFACES
STA. 90+59 RT (8 SF) ✓
(IN SITE MANAGER AS STA. 90+57)

REMOVING SIGNS
AS SHOWN - 7



DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 84+75 - STA. 90+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 84+75 - STA. 90+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 90+64 RT - STA. 90+75 RT
STA. 90+64 RT - STA. 90+75 RT

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 84+75 - STA. 90+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 84+75 - STA. 90+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 90+64 RT - STA. 90+75 RT
STA. 90+64 RT - STA. 90+75 RT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 12

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_31.1
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 31 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 91+10 RT ✓
STA. 93+55 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 91+66 LT ✓
STA. 95+05 RT ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 90+75 - STA. 96+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 90+84 RT (EDGELINES TH #358)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 90+75 - STA. 96+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 90+84 RT (CENTERLINE TH #358)

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 90+84 - STA. 90+98 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 90+89 RT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 90+75 - STA. 90+86 LT & RT
STA. 90+75 - STA. 91+01 RT

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 90+75 - STA. 96+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 90+84 RT (EDGELINES TH #358)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 90+75 - STA. 96+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 90+84 RT (CENTERLINE TH #358)

TEMPORARY 24 INCH STOP BAR, PAINT

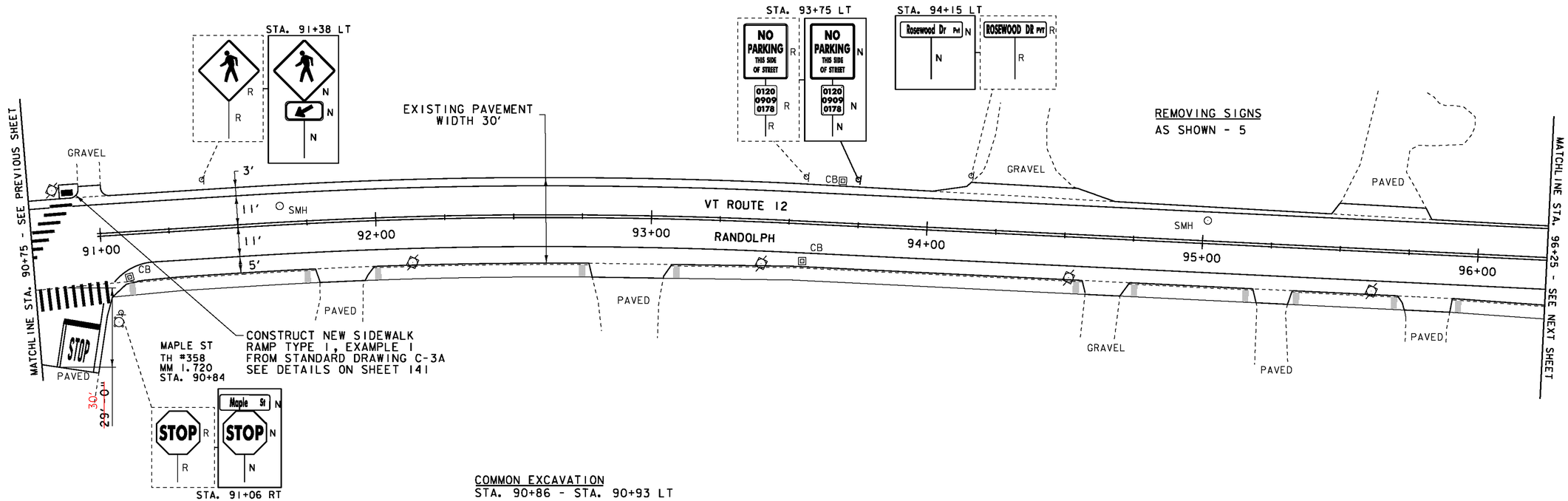
STA. 90+84 - STA. 90+98 RT

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 90+89 RT "STOP"

TEMPORARY CROSSWALK MARKING, PAINT

STA. 90+75 - STA. 90+86 LT & RT
STA. 90+75 - STA. 91+01 RT



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- DETECTABLE WARNINGS

SIGN LEGEND

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

COMMON EXCAVATION
STA. 90+86 - STA. 90+93 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 90+86 - STA. 90+93 LT

DETECTABLE WARNING SURFACES
STA. 90+89 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 90+86 - STA. 90+93 LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 90+86 - STA. 90+93 LT

NOT TO SCALE

PROJECT LAYOUT SHEET 13

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_32.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 32 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 96+68 RT ✓
STA. 96+88 RT ✓
STA. 97+20 LT ✓
STA. 99+37 RT ✓
STA. 99+71 LT ✓
STA. 101+29 RT ✓
STA. 101+39 LT ✓
STA. 97+25 LT

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES,

~~STA. 97+25 LT "DMH"~~ PAID AS REHAB, HAS A GRATE

CHANGING ELEVATION OF SEWER MANHOLE

STA. 99+35 LT ✓ STA. 97+15 LT ✓

COMMON EXCAVATION

STA. 97+15 - STA. 97+23 RT — NOT DONE PER R.E.

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 97+15 - STA. 97+23 RT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 97+15 - STA. 97+23 RT

REMOVAL OF EXISTING CURB

STA. 97+16 - STA. 97+27 RT

CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 97+16 - STA. 97+27 RT

DETECTABLE WARNING SURFACES

STA. 97+18 RT (8 SF) — NOT DONE PER R.E.

ADJUST ELEVATION OF VALVE BOX

STA. 97+22 LT "WSV" (NOT ON PLANS)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 96+25 - STA. 101+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 97+00 RT (EDGELINES TH #344)
STA. 99+54 RT (EDGELINES TH #302)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 96+25 - STA. 101+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 97+00 RT (CENTERLINE TH #344)
STA. 99+54 RT (CENTERLINE TH #302)

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 97+00 RT "STOP"
STA. 99+58 RT "STOP"

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 96+97 - STA. 97+08 RT
STA. 99+52 - STA. 99+63 RT

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 96+85 - STA. 97+14 RT
STA. 99+42 - STA. 99+65 RT

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 96+25 - STA. 101+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 97+00 RT (EDGELINES TH #344)
STA. 99+54 RT (EDGELINES TH #302)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 96+25 - STA. 101+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 97+00 RT (CENTERLINE TH #344)
STA. 99+54 RT (CENTERLINE TH #302)

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 97+00 RT "STOP"
STA. 99+58 RT "STOP"

TEMPORARY 24 INCH STOP BAR, PAINT

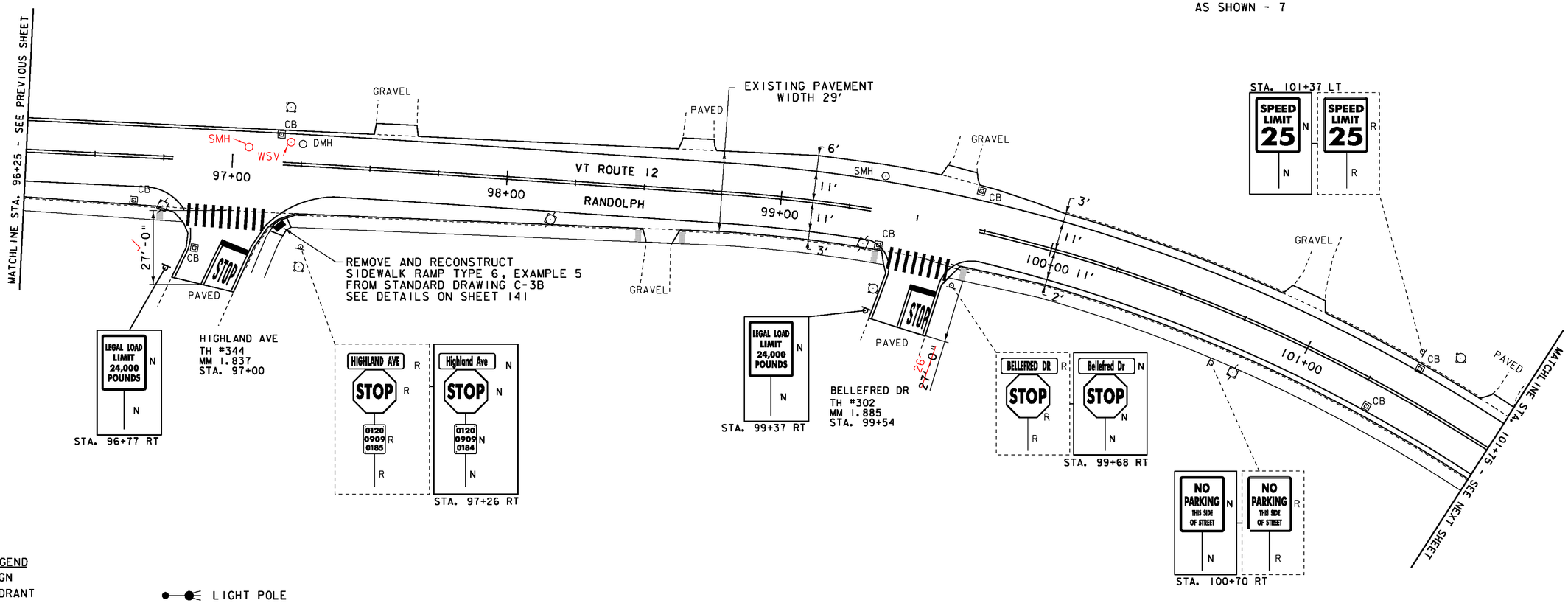
STA. 96+97 - STA. 97+08 RT
STA. 99+52 - STA. 99+63 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 96+85 - STA. 97+14 RT
STA. 99+42 - STA. 99+65 RT

REMOVING SIGNS

AS SHOWN - 7



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 14

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_33.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 33 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 103+42 RT ✓
STA. 103+56 LT ✓
STA. 104+64 LT ✓
STA. 105+81 RT ✓
STA. 105+89 LT ✓
STA. 106+59 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 103+69 LT ✓ STA. 105+85 LT NOT SHOWN
STA. 106+60 LT ✓ LISTED AS 106+57 ITEM 604.40

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES,

LISTED UNDER ITEM 604.42
STA. 106+69 LT ✓ STA. 103+85 LT

ADJUST ELEVATION OF VALVE BOX

STA. 106+41 LT "WSV" ✓
STA. 106+43 LT "WSV" ✓

COMMON EXCAVATION

STA. 103+85 - STA. 103+91 RT
STA. 106+24 - STA. 106+28 LT
STA. 106+62 - STA. 106+70 LT
STA. 106+65 - STA. 106+70 RT
STA. 106+78 - STA. 106+88 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 103+85 - STA. 103+91 RT ✓
STA. 106+24 - STA. 106+28 LT ✓
STA. 106+62 - STA. 106+70 LT ✓
STA. 106+65 - STA. 106+70 RT ✓
STA. 106+78 - STA. 106+88 LT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 103+85 - STA. 103+91 RT
STA. 106+24 - STA. 106+28 LT
STA. 106+62 - STA. 106+70 LT
STA. 106+65 - STA. 106+70 RT
STA. 106+78 - STA. 106+88 LT

REMOVING AND RESETTING CURB

STA. 103+85 - STA. 104+00 RT
STA. 106+14 - STA. 106+28 LT
STA. 106+60 - STA. 106+93 LT
STA. 106+56 - STA. 106+80 RT

DETECTABLE WARNING SURFACES

STA. 103+89 RT (8 SF) ✓
STA. 106+26 LT (8 SF) ✓
STA. 106+66 LT (8 SF) ✓
STA. 106+69 RT (8 SF) ✓
STA. 106+83 LT (8 SF) ✓

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 101+75 - STA. 107+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 103+72 RT (EDGELINES TH #376)
STA. 105+86 - STA. 106+76 (PARKING RT)
STA. 106+44 LT (EDGELINES TH #406)
STA. 106+99 - STA. 107+25 (PARKING LT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 101+75 - STA. 107+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 103+72 RT (CENTERLINE TH #376)
STA. 106+44 LT (CENTERLINE TH #406)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 101+75 - STA. 107+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 103+72 RT (EDGELINES TH #376)
STA. 105+86 - STA. 106+76 (PARKING RT)
STA. 106+44 LT (EDGELINES TH #406)
STA. 106+99 - STA. 107+25 (PARKING LT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 101+75 - STA. 107+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 103+72 RT (CENTERLINE TH #376)
STA. 106+44 LT (CENTERLINE TH #406)

REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 103+21.5 - STA. 104+59 LT

STEEL BEAM GUARDRAIL, GALVANIZED

STA. 103+21.5 - STA. 104+59 LT

ANCHOR FOR STEEL BEAM GUARDRAIL

STA. 103+26 LT
STA. 104+53 LT

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 103+72 - STA. 103+85 RT
STA. 106+31 - STA. 106+44 LT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 103+72 - STA. 103+85 RT
STA. 106+31 - STA. 106+44 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 103+78 RT "STOP"
STA. 106+36 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 103+78 RT "STOP"
STA. 106+36 LT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 103+58 - STA. 103+85 RT
STA. 106+29 - STA. 106+61 LT
STA. 106+69 RT - STA. 106+82 LT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 103+58 - STA. 103+85 RT
STA. 106+29 - STA. 106+61 LT
STA. 106+69 RT - STA. 106+82 LT

DURABLE RAILROAD CROSSING SYMBOL, TYPE I TAPE

STA. 105+31 RT

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT

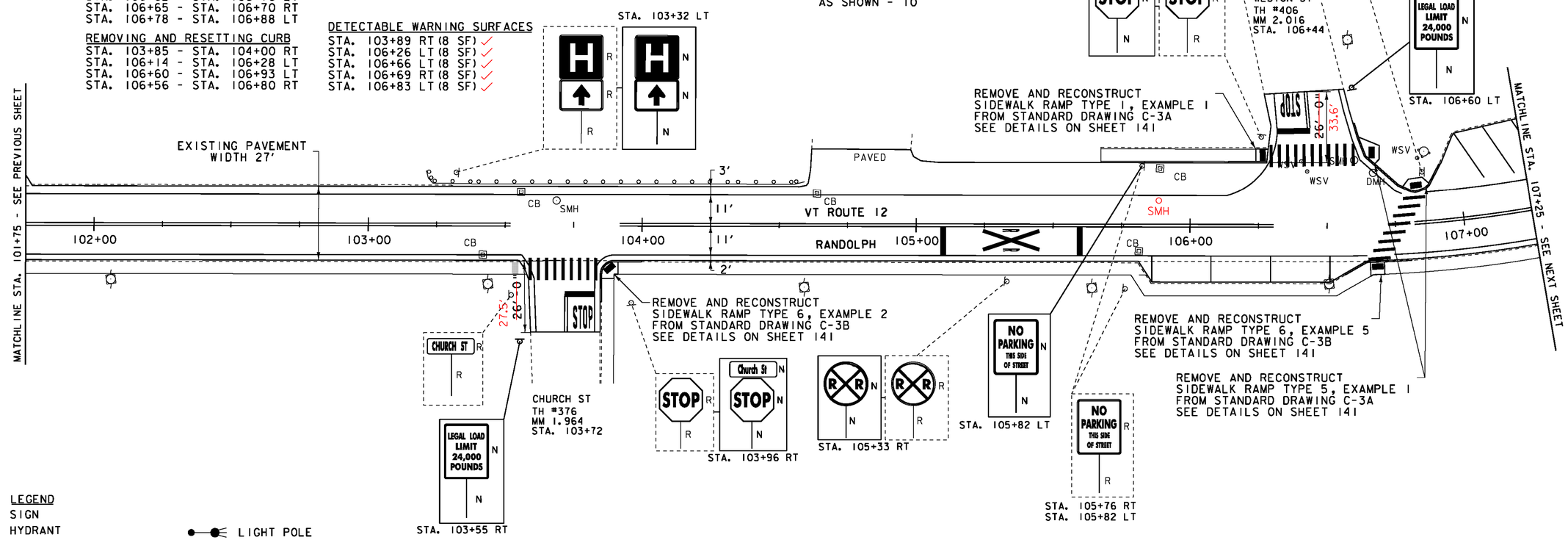
STA. 105+31 RT

THINNING AND TRIMMING FOR SIGNS

STA. 105+33 RT

REMOVING SIGNS

AS SHOWN - 10



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 15

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_34.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 34 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 108+16 LT ✓ STA. 110+54 RT ✓
STA. 108+28 RT ✓ STA. 111+32 RT ✓
STA. 108+84 LT ✓ STA. 112+23 LT ✓
NOT DONE PER R.E. → STA. 109+12 RT STA. 110+80 RT ✓
STA. 110+28 LT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 109+76 RT "WSV"
STA. 109+85 LT "WSV"
STA. 110+35 LT "WSV"
STA. 110+35 LT "MONITOR WELL"
STA. 110+42 LT "WSV"
STA. 110+75 RT "WSV"

CHANGING ELEVATION OF SEWER MANHOLES

STA. 111+60 RT
STA. 111+86 LT

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 111+36 RT "DMH"

COMMON EXCAVATION

STA. 108+85 - STA. 108+90 LT
STA. 109+20 - STA. 109+27 LT
STA. 109+43 - STA. 109+49 RT
STA. 109+43 - STA. 109+51 LT
STA. 109+58 - STA. 109+64 RT
STA. 109+66 - STA. 109+70 RT
STA. 109+74 - STA. 109+79 LT
STA. 109+81 - STA. 109+85 RT
STA. 110+34 - STA. 110+43 LT
STA. 110+37 - STA. 110+47 RT
STA. 110+49 - STA. 110+55 RT
STA. 110+88 - STA. 110+97 RT
STA. 111+03 - STA. 111+11 LT
STA. 111+12 - STA. 111+21 RT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 108+85 - STA. 108+90 LT
STA. 109+20 - STA. 109+27 LT
STA. 109+43 - STA. 109+49 RT
STA. 109+43 - STA. 109+51 LT
STA. 109+58 - STA. 109+64 RT
STA. 109+66 - STA. 109+70 RT
STA. 109+74 - STA. 109+79 LT
STA. 109+81 - STA. 109+85 RT
STA. 110+34 - STA. 110+43 LT
STA. 110+37 - STA. 110+47 RT
STA. 110+49 - STA. 110+55 RT
STA. 110+88 - STA. 110+97 RT
STA. 111+03 - STA. 111+11 LT
STA. 111+12 - STA. 111+21 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 108+85 - STA. 108+90 LT ✓
STA. 109+20 - STA. 109+27 LT ✓
STA. 109+43 - STA. 109+49 RT ✓
STA. 109+43 - STA. 109+51 LT ✓
STA. 109+58 - STA. 109+64 RT ✓
STA. 109+66 - STA. 109+70 RT ✓
STA. 109+74 - STA. 109+79 LT ✓
STA. 109+81 - STA. 109+85 RT ✓
STA. 110+34 - STA. 110+43 LT ✓
STA. 110+37 - STA. 110+47 RT ✓
STA. 110+49 - STA. 110+55 RT ✓
STA. 110+88 - STA. 110+97 RT ✓
STA. 111+03 - STA. 111+11 LT ✓
STA. 111+12 - STA. 111+21 RT ✓

REMOVING AND RESETTING CURB

STA. 108+87 - STA. 108+90 LT
STA. 109+20 - STA. 109+30 LT
STA. 109+34 - STA. 109+49 RT
STA. 109+37 - STA. 109+51 LT
STA. 109+58 - STA. 109+69 RT
STA. 109+63 - STA. 109+84 LT
STA. 109+69 - STA. 109+71 RT
STA. 109+80 - STA. 109+92 RT
STA. 110+27 - STA. 110+56 RT
STA. 110+27 - STA. 110+46 LT
STA. 110+84 - STA. 111+02 RT
STA. 111+00 - STA. 111+13 LT
STA. 111+07 - STA. 111+27 RT

DETECTABLE WARNING SURFACES

STA. 108+87 LT (8 SF) ✓ STA. 109+82 RT (8 SF) ✓
STA. 109+24 LT (8 SF) ✓ STA. 110+39 LT (8 SF) ✓
STA. 109+45 RT (8 SF) ✓ STA. 110+41 RT (8 SF) ✓
STA. 109+46 LT (8 SF) ✓ STA. 110+52 RT (8 SF) ✓
STA. 109+62 RT (8 SF) ✓ STA. 110+92 RT ~~(10 SF)~~ 10 SF
STA. 109+68 RT (8 SF) ✓ STA. 111+06 LT (8 SF) ✓
STA. 109+77 LT (8 SF) ✓ STA. 111+18 LT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 107+25 - STA. 112+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS, RR TRACKS & CROSSWALKS)
STA. 107+25 - STA. 108+60 (PARKING LT)
STA. 109+83 - STA. 110+25 (PARKING RT)
STA. 110+60 LT (LANE LINES)
STA. 110+32 - STA. 110+58 (PARKING LT)
STA. 111+13 - STA. 112+75 (PARKING RT)
STA. 111+43 - STA. 112+04 (PARKING LT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 107+25 - STA. 112+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS, RR TRACKS & CROSSWALKS
STA. 107+25 - STA. 108+60 (PARKING LT)
STA. 109+83 - STA. 110+25 (PARKING RT)
STA. 110+60 LT (LANE LINES)
STA. 110+32 - STA. 110+58 (PARKING LT)
STA. 111+13 - STA. 112+75 (PARKING RT)
STA. 111+43 - STA. 112+04 (PARKING RT)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 111+15 - STA. 111+40 (HATCH RT)
STA. 111+35 - STA. 111+57 (HATCH RT)

TEMPORARY 8 INCH WHITE LINE, PAINT

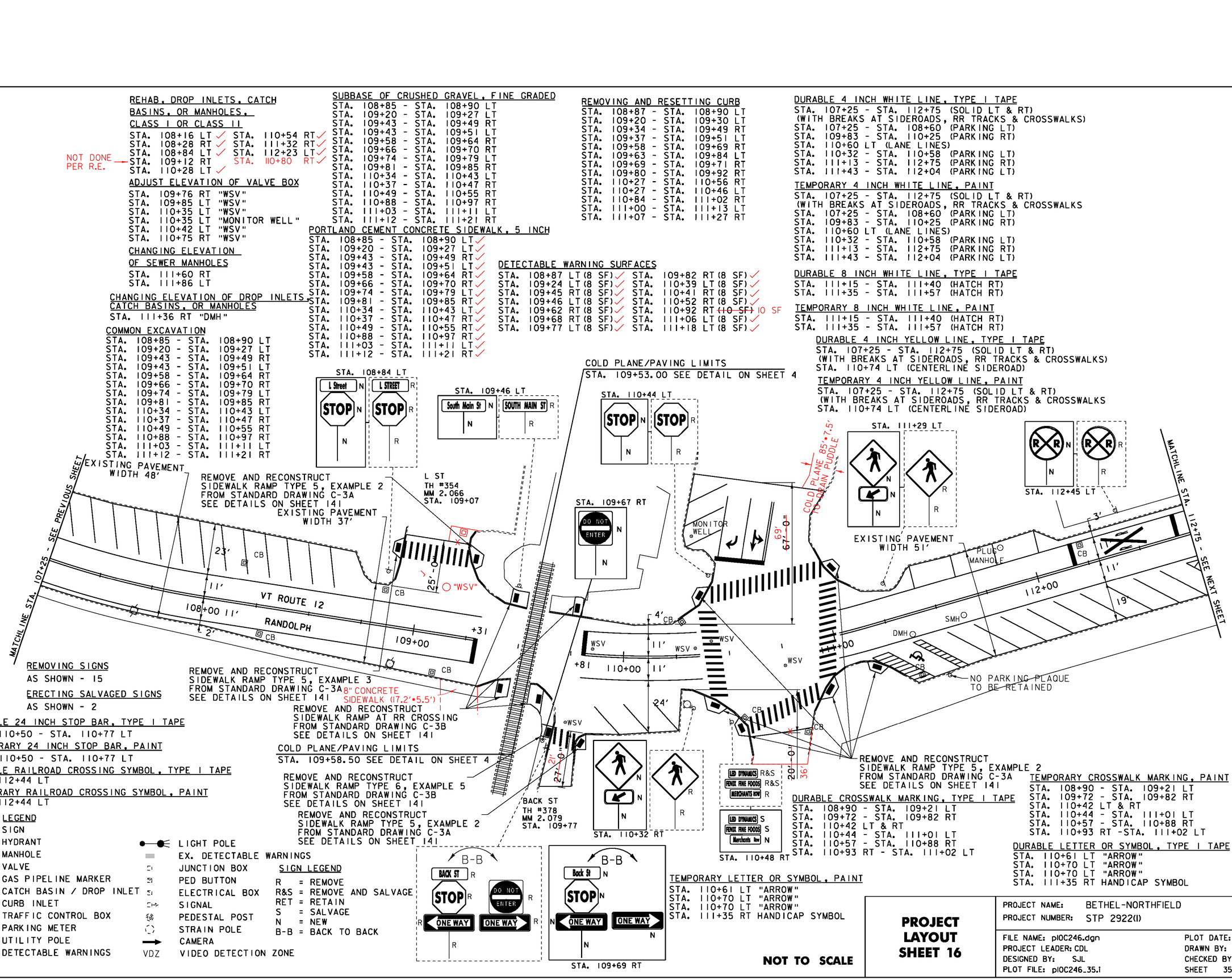
STA. 111+15 - STA. 111+40 (HATCH RT)
STA. 111+35 - STA. 111+57 (HATCH RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 107+25 - STA. 112+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS, RR TRACKS & CROSSWALKS)
STA. 110+74 LT (CENTERLINE SIDEROAD)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 107+25 - STA. 112+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS, RR TRACKS & CROSSWALKS
STA. 110+74 LT (CENTERLINE SIDEROAD)



REMOVING SIGNS
AS SHOWN - 15

ERECTING SALVAGED SIGNS
AS SHOWN - 2

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 110+50 - STA. 110+77 LT
TEMPORARY 24 INCH STOP BAR, PAINT
STA. 110+50 - STA. 110+77 LT
DURABLE RAILROAD CROSSING SYMBOL, TYPE I TAPE
STA. 112+44 LT
TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 112+44 LT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 108+90 - STA. 109+21 LT
STA. 109+72 - STA. 109+82 RT
STA. 110+42 LT & RT
STA. 110+44 - STA. 111+01 LT
STA. 110+57 - STA. 110+88 RT
STA. 110+93 RT - STA. 111+02 LT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 108+90 - STA. 109+21 LT
STA. 109+72 - STA. 109+82 RT
STA. 110+42 LT & RT
STA. 110+44 - STA. 111+01 LT
STA. 110+57 - STA. 110+88 RT
STA. 110+93 RT -STA. 111+02 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 110+61 LT "ARROW"
STA. 110+70 LT "ARROW"
STA. 110+70 LT "ARROW"
STA. 111+35 RT HANDICAP SYMBOL

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 110+61 LT "ARROW"
STA. 110+70 LT "ARROW"
STA. 110+70 LT "ARROW"
STA. 111+35 RT HANDICAP SYMBOL

NOT TO SCALE

PROJECT LAYOUT SHEET 16

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_35.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 35 OF 149

STA. 115+90 RT
(NOT IN PLANS)

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 112+84 RT ✓ STA. 115+68 LT ✓
STA. 112+88 LT ✓ STA. 116+57 LT ✓
STA. 114+75 RT ✓ STA. 116+89 RT ✓
STA. 115+08 LT ✓ STA. 117+67 LT ✓
STA. 115+41 RT ✓ STA. 118+10 RT ✓

CHANGE ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 112+90 RT "DMH"

CHANGING ELEVATION OF SEWER MANHOLES

STA. 113+41 RT ✓
STA. 115+11 RT NO CHANGE MADE, GRADE IS GOOD
STA. 115+83 LT ✓
STA. 115+83 RT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 113+58 LT "WSV" ✓
STA. 115+98 RT "WSV" ✓
STA. 116+63 RT "WSV" ✓
STA. 116+63 RT "WSV" ✓
STA. 117+30 RT "WSV" ✓ (NOT ON PLANS)

COMMON EXCAVATION PORTLAND CEMENT CONCRETE SW 5'

✓ STA. 113+08 - STA. 113+15 LT
STA. 113+08 - STA. 113+14 RT → NOT DONE PROPOSED NEW SIDEWALKS
✓ STA. 115+26 - STA. 115+31 LT
✓ STA. 116+02 - STA. 116+11 RT STA. 114+70 ↘ KELLEY WAY
✓ STA. 117+03 - STA. 117+12 RT STA. 115+00 ↗
✓ STA. 117+05 - STA. 117+10 LT STA 116+77 LT (DRIVE)

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 113+08 - STA. 113+15 LT
STA. 113+08 - STA. 113+14 RT
STA. 115+26 - STA. 115+31 LT
STA. 116+02 - STA. 116+11 RT
STA. 117+03 - STA. 117+12 RT
STA. 117+05 - STA. 117+10 LT

REMOVING AND RESETTING CURB

STA. 112+99 - STA. 113+16 LT
STA. 113+02 - STA. 113+20 RT
STA. 115+17 - STA. 115+41 LT
STA. 115+94 - STA. 116+19 RT
STA. 116+95 - STA. 117+20 RT
STA. 116+96 - STA. 117+17 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 113+08 - STA. 113+15 LT
STA. 113+08 - STA. 113+14 RT
STA. 115+26 - STA. 115+31 LT
STA. 116+02 - STA. 116+11 RT
STA. 117+03 - STA. 117+12 RT
STA. 117+05 - STA. 117+10 LT

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 112+75 - STA. 118+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 115+63 RT (CENTERLINE TH #8)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 112+75 - STA. 118+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 115+63 RT (CENTERLINE TH #8)

DETECTABLE WARNING SURFACES

✓ STA. 113+10 LT (8 SF) STA. 114+70 LT KELLEY WAY
✓ STA. 113+11 RT (8 SF) STA. 115+00 LT KELLEY WAY
✓ STA. 115+28 LT (8 SF)
✓ STA. 116+07 RT (8 SF)
✓ STA. 117+07 RT (8 SF)
✓ STA. 117+08 LT (8 SF)

NOT DONE DUE TO ANTICIPATED SW PROJECT

ERECTING SALVAGED SIGNS

AS SHOWN - 4

REMOVING SIGNS

AS SHOWN - 13

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 112+75 - STA. 118+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 112+75 - STA. 112+85 (PARKING RT)
STA. 113+36 - STA. 114+64 (PARKING RT)
STA. 115+63 RT (EDGELINES TH #8)
STA. 116+40 - STA. 116+86 (PARKING RT)
STA. 117+28 - STA. 118+25 (PARKING RT)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

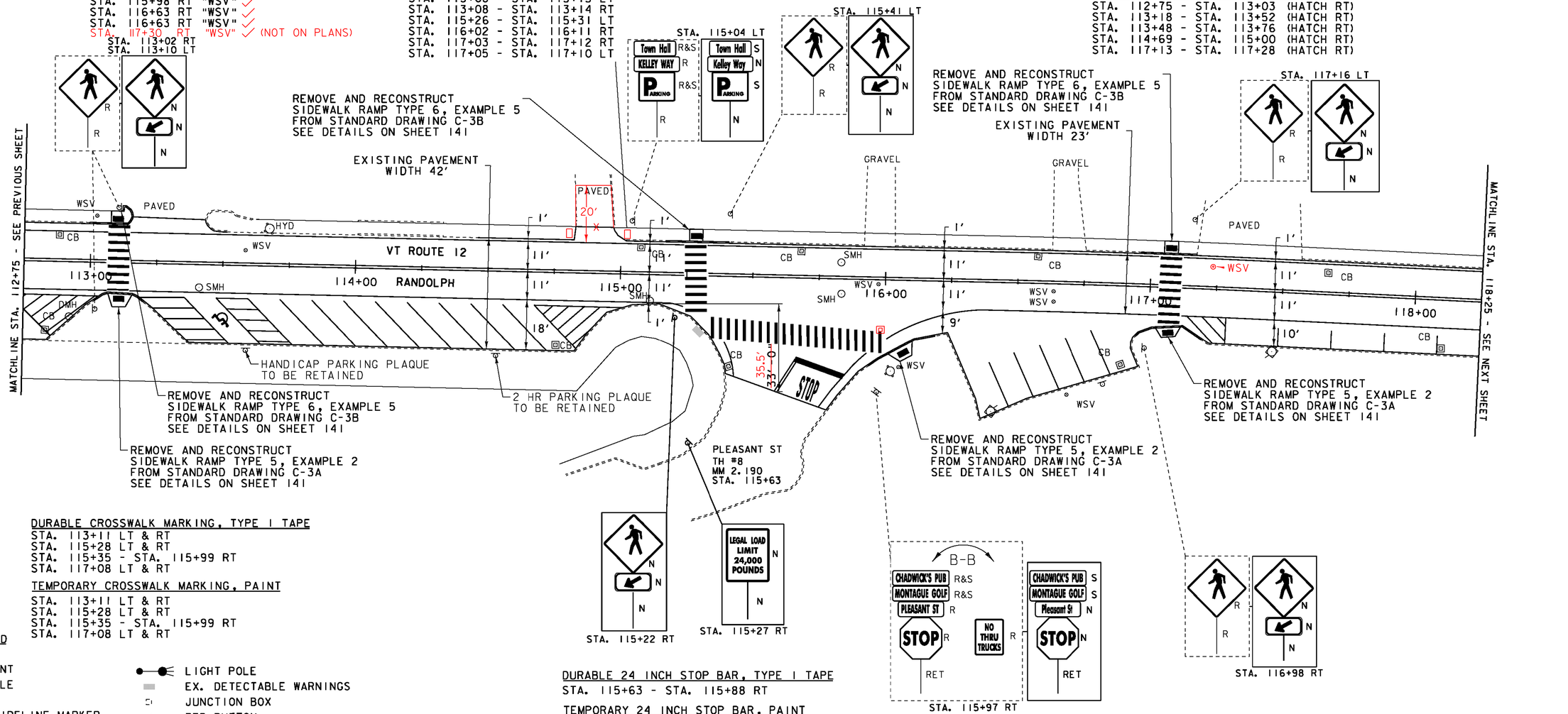
STA. 112+75 - STA. 118+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 112+75 - STA. 112+85 (PARKING RT)
STA. 113+36 - STA. 114+64 (PARKING RT)
STA. 115+63 RT (EDGELINES TH #8)
STA. 116+40 - STA. 116+86 (PARKING RT)
STA. 117+28 - STA. 118+25 (PARKING RT)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 112+75 - STA. 113+03 (HATCH RT)
STA. 113+18 - STA. 113+52 (HATCH RT)
STA. 113+48 - STA. 113+76 (HATCH RT)
STA. 114+69 - STA. 115+00 (HATCH RT)
STA. 117+13 - STA. 117+28 (HATCH RT)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 112+75 - STA. 113+03 (HATCH RT)
STA. 113+18 - STA. 113+52 (HATCH RT)
STA. 113+48 - STA. 113+76 (HATCH RT)
STA. 114+69 - STA. 115+00 (HATCH RT)
STA. 117+13 - STA. 117+28 (HATCH RT)



DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 113+11 LT & RT
STA. 115+28 LT & RT
STA. 115+35 - STA. 115+99 RT
STA. 117+08 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 113+11 LT & RT
STA. 115+28 LT & RT
STA. 115+35 - STA. 115+99 RT
STA. 117+08 LT & RT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 115+63 - STA. 115+88 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 115+63 - STA. 115+88 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 115+72 RT "STOP"
STA. 113+50 RT HANDICAP SYMBOL

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 115+72 RT "STOP"
STA. 113+50 RT HANDICAP SYMBOL

NOT TO SCALE

PROJECT LAYOUT SHEET 17

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_36.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 36 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 118+57 LT ✓
STA. 119+63 LT ✓
STA. 119+75 RT ✓
STA. 120+64 LT ✓
STA. 121+88 RT ✓
STA. 122+47 LT ✓
STA. 123+16 RT ✓
STA. 124+15 RT
NOT DONE PER R.E.

CHANGING ELEVATION OF SEWER MANHOLES

STA. 122+19 RT
STA. 124+19 RT

ADJUST ELEVATION OF VALVE BOX

STA. 118+74 RT "WSV" ✓
STA. 118+86 LT "WSV" ✓
STA. 120+27 LT "WSV" ✓
STA. 120+28 CL "WSV" ✓
STA. 120+50 LT "WSV" ✓
STA. 121+15 LT "WSV" ✓
STA. 123+93 LT "WSV" ✓
STA. 123+99 LT "WSV" ✓
STA. 124+00 LT "WSV" ✓
STA. 124+04 LT "WSV" ✓
STA. 124+16 LT "WSV" ✓
STA. 120+85 LT "WSV" ✓
(NOT ON PLANS)

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 120+08 LT ✓

COMMON EXCAVATION

STA. 119+93 - STA. 120+04 RT
STA. 119+93 - STA. 120+00 LT
STA. 120+38 - STA. 120+46 LT
STA. 123+51 - STA. 123+56 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 119+93 - STA. 120+04 RT ✓ STA 123+51 - STA 123+56 LT
STA. 119+93 - STA. 120+00 LT ✓
STA. 120+38 - STA. 120+46 LT ✓
STA. 123+51 - STA. 123+56 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 119+93 - STA. 120+04 RT
STA. 119+93 - STA. 120+00 LT
STA. 120+38 - STA. 120+46 LT
STA. 123+51 - STA. 123+56 RT

REMOVING AND RESETTING CURB

STA. 119+83 - STA. 120+13 RT
STA. 119+88 - STA. 120+06 LT
STA. 120+35 - STA. 120+48 LT
STA. 123+44 - STA. 123+64 RT

DETECTABLE WARNING SURFACES

STA. 119+97 LT (8 SF) ✓
STA. 119+98 RT (8 SF) ✓
STA. 120+42 LT (8 SF) ✓
STA. 123+53 RT (8 SF) ✓
STA. 123+53 LT (8 SF) ADDED BY R.E.

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 118+25 - STA. 124+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 118+25 - STA. 119+69 (PARKING RT)
STA. 118+61 - STA. 119+61 (PARKING LT)
STA. 120+21 LT (EDGELINES TH #386)
STA. 120+60 - STA. 121+17 (PARKING LT)
STA. 120+62 - STA. 121+89 (PARKING RT)
STA. 121+66 - STA. 122+26 (PARKING LT)
STA. 123+80 LT (EDGELINES TH #372)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 120+48 - STA. 120+60 (HATCH LT)
STA. 120+50 - STA. 120+62 (HATCH RT)
STA. 121+17 - STA. 121+24 (HATCH LT)
STA. 121+60 - STA. 121+66 (HATCH LT)
STA. 122+26 - STA. 122+30 (HATCH LT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 118+25 - STA. 124+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 120+21 LT (CENTERLINE TH #386)
STA. 123+80 LT (CENTERLINE TH #372)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 118+25 - STA. 124+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 120+21 LT (CENTERLINE TH #386)
STA. 123+80 LT (CENTERLINE TH #372)

TEMPORARY 4 INCH WHITE LINE, PAINT

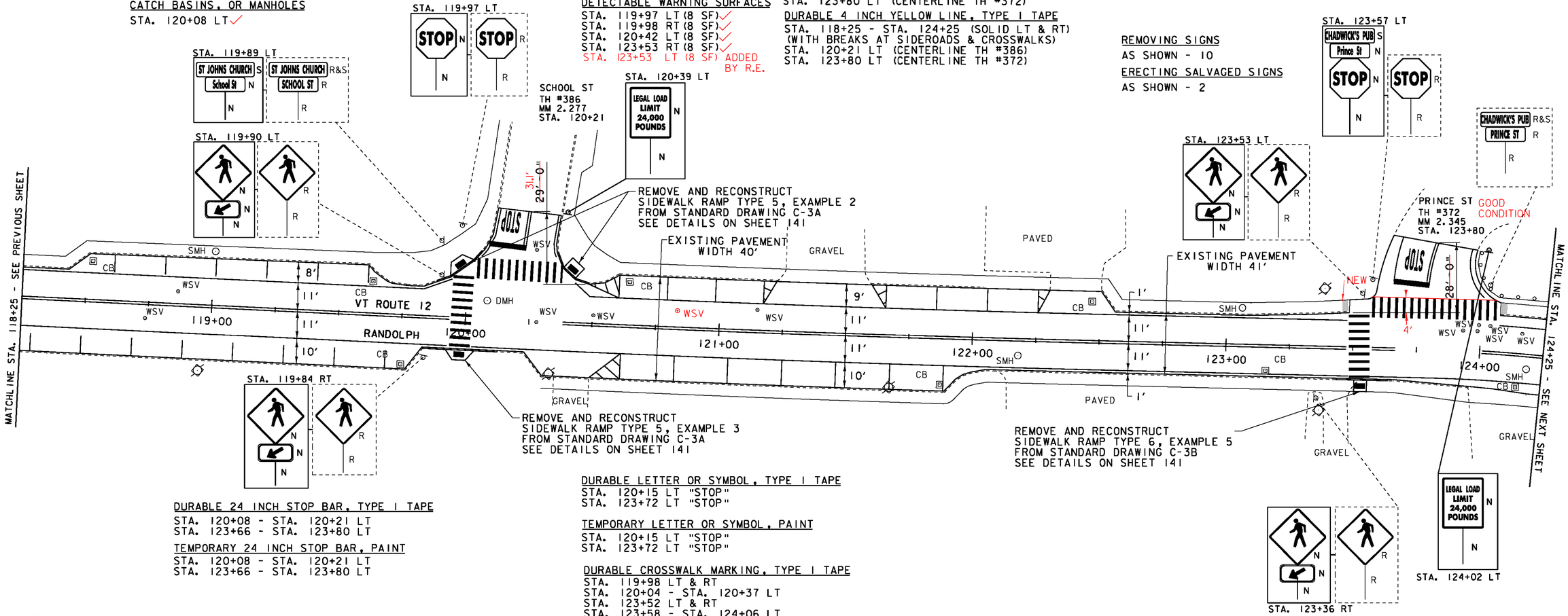
STA. 118+25 - STA. 124+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 118+25 - STA. 119+69 (PARKING RT)
STA. 118+61 - STA. 119+61 (PARKING LT)
STA. 120+21 LT (EDGELINES TH #386)
STA. 120+60 - STA. 121+17 (PARKING LT)
STA. 120+62 - STA. 121+89 (PARKING RT)
STA. 121+66 - STA. 122+26 (PARKING LT)
STA. 123+80 LT (EDGELINES TH #372)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 120+48 - STA. 120+60 (HATCH LT)
STA. 120+50 - STA. 120+62 (HATCH RT)
STA. 121+17 - STA. 121+24 (HATCH LT)
STA. 121+60 - STA. 121+66 (HATCH LT)
STA. 122+26 - STA. 122+30 (HATCH LT)

REMOVING SIGNS
AS SHOWN - 10

ERECTING SALVAGED SIGNS
AS SHOWN - 2



DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 120+08 - STA. 120+21 LT
STA. 123+66 - STA. 123+80 LT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 120+08 - STA. 120+21 LT
STA. 123+66 - STA. 123+80 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 120+15 LT "STOP"
STA. 123+72 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 120+15 LT "STOP"
STA. 123+72 LT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 119+98 LT & RT
STA. 120+04 - STA. 120+37 LT
STA. 123+52 LT & RT
STA. 123+58 - STA. 124+06 LT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 119+98 LT & RT
STA. 120+04 - STA. 120+37 LT
STA. 123+52 LT & RT
STA. 123+58 - STA. 124+06 LT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 18

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_37.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 37 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 124+57 LT NOT DONE PER R.E.
STA. 124+57 RT ✓
STA. 127+19 RT ✓
STA. 127+20 LT NOT DONE PER R.E.
STA. 127+78 RT NOT DONE PER R.E.
STA. 127+91 LT NOT DONE PER R.E.
STA. 128+52 RT ✓
STA. 129+11 RT ✓

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 129+32 RT

ADJUST ELEVATION OF VALVE BOX

STA. 124+31 LT "WSV" ✓
STA. 0+58 RT "WSV" ✓
STA. 0+61 RT "WSV" (NOT EXISTING)
STA. 0+68 RT "WSV" ✓

COMMON EXCAVATION

STA. 127+26 - STA. 127+33 RT
STA. 127+68 - STA. 127+74 RT
STA. 129+09 - STA. 129+15 RT
STA. 129+89 - STA. 129+94 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 127+26 - STA. 127+33 RT
STA. 127+68 - STA. 127+74 RT
STA. 129+09 - STA. 129+15 RT
STA. 129+89 - STA. 129+94 RT
} NOT DONE PER R.E.

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 127+26 - STA. 127+33 RT
STA. 127+68 - STA. 127+74 RT
STA. 129+09 - STA. 129+15 RT
STA. 129+89 - STA. 129+94 RT

REMOVAL OF EXISTING CURB

STA. 127+18 - STA. 127+28 RT
STA. 127+71 - STA. 127+83 RT
STA. 129+00 - STA. 129+15 RT
STA. 129+90 - STA. 130+02 RT

CAST-IN-PLACE CONCRETE CURB, TYPE B

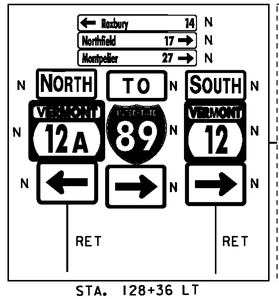
STA. 127+18 - STA. 127+28 RT
STA. 127+71 - STA. 127+83 RT
STA. 129+00 - STA. 129+15 RT
STA. 129+90 - STA. 130+02 RT

DETECTABLE WARNING SURFACES

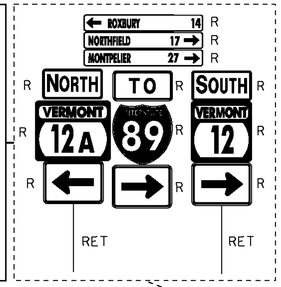
STA. 127+28 RT (8 SF)
STA. 127+72 RT (8 SF)
STA. 129+10 RT (8 SF)
STA. 129+92 RT (8 SF)
} NOT DONE PER R.E.

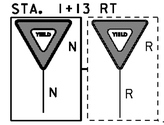
REMOVING SIGNS

AS SHOWN - 43

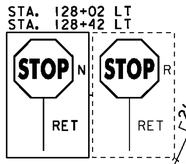


STA. 128+36 LT

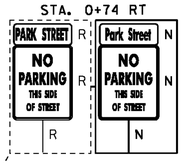




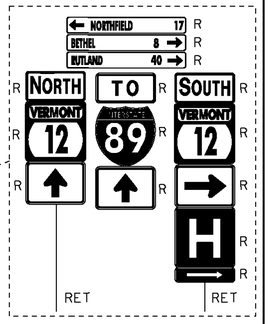
STA. 1+13 RT

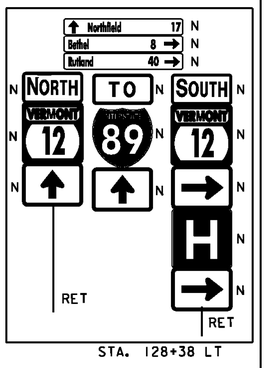


STA. 128+02 LT
STA. 128+42 LT

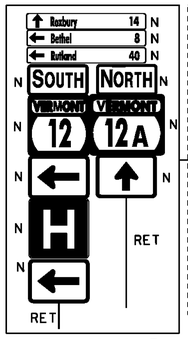


STA. 0+74 RT

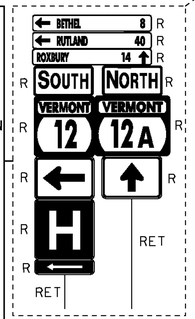


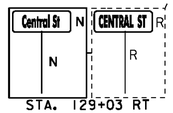


STA. 128+38 LT

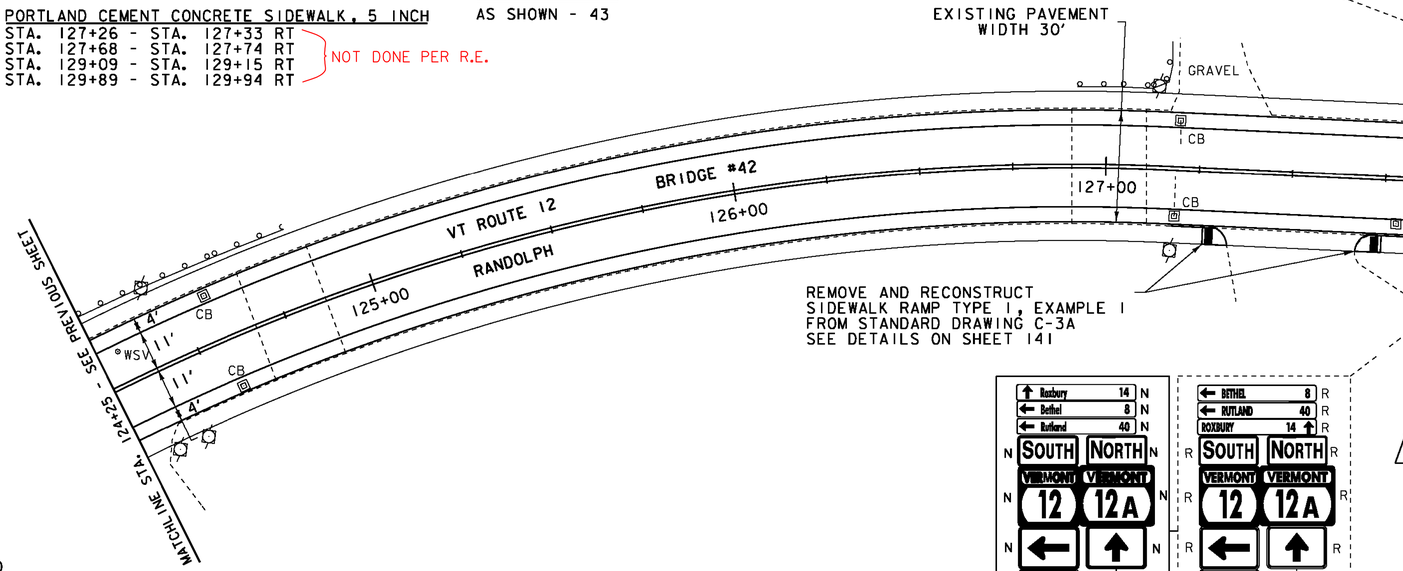


STA. 128+40 LT





STA. 129+03 RT



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- DETECTABLE WARNINGS

SIGN LEGEND

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

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 124+25 - STA. 130+50 (SOLID LT & RT)
STA. 0+27 - STA. 1+50 (SOLID LT & RT)
(WITH BREAKS AT VT ROUTE 12A)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 124+25 - STA. 130+50 (SOLID LT & RT)
STA. 0+27 - STA. 1+50 (SOLID LT & RT)
(WITH BREAKS AT VT ROUTE 12A)

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 0+27 LT
STA. 0+37 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 0+27 LT
STA. 0+37 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 0+37 LT "STOP"
STA. 0+45 RT "STOP"
STA. 0+86 RT "YIELD"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 0+37 LT "STOP"
STA. 0+45 RT "STOP"
STA. 0+86 RT "YIELD"

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 124+25 - STA. 130+50 (SOLID LT & RT)
STA. 0+27 - STA. 1+50 (SOLID LT & RT)
(WITH BREAKS AT VT ROUTE 12A)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 124+25 - STA. 130+50 (SOLID LT & RT)
STA. 0+27 - STA. 1+50 (SOLID LT & RT)
(WITH BREAKS AT VT ROUTE 12A)

PROJECT LAYOUT SHEET 19

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_38.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 38 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 133+94 LT ✓
STA. 133+95 RT NOT DONE PER R.E.
STA. 134+75 LT ✓
STA. 135+25 LT ✓
STA. 135+96 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 134+75 RT ✓
STA. 0+78 CL ✓

REMOVING SIGNS

AS SHOWN - 27

SALVAGED SIGNS

AS SHOWN - 1

COMMON EXCAVATION

STA. 135+25 - STA. 135+31 RT ✓
STA. 135+30 - STA. 135+40 LT ✓

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 135+25 - STA. 135+31 RT ✓
STA. 135+30 - STA. 135+40 LT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 135+25 - STA. 135+31 RT
STA. 135+30 - STA. 135+40 LT

CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 135+20 - STA. 135+37 RT
STA. 135+24 - STA. 135+49 LT

REMOVAL OF EXISTING CURB

STA. 135+20 - STA. 135+37 RT
STA. 135+24 - STA. 135+49 LT

DETECTABLE WARNING SURFACES

STA. 135+28 RT (8 SF) ✓
STA. 135+36 LT (8 SF) ✓ LISTED AS 135+63 IN SITE MGR.

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 130+50 - STA. 136+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 134+95 LT (EDGELINES TH #318)
STA. 0+75 - STA. 1+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 130+50 - STA. 136+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 134+95 LT (CENTERLINE TH #318)
STA. 0+75 - STA. 1+50 (SOLID LT & RT)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 130+50 - STA. 136+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 134+95 LT (EDGELINES TH #318)
STA. 0+75 - STA. 1+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 130+50 - STA. 136+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 134+95 LT (CENTERLINE TH #318)
STA. 0+75 - STA. 1+50 (SOLID LT & RT)

DURABLE LETTER OR SYMBOL, TYPE I TAPE

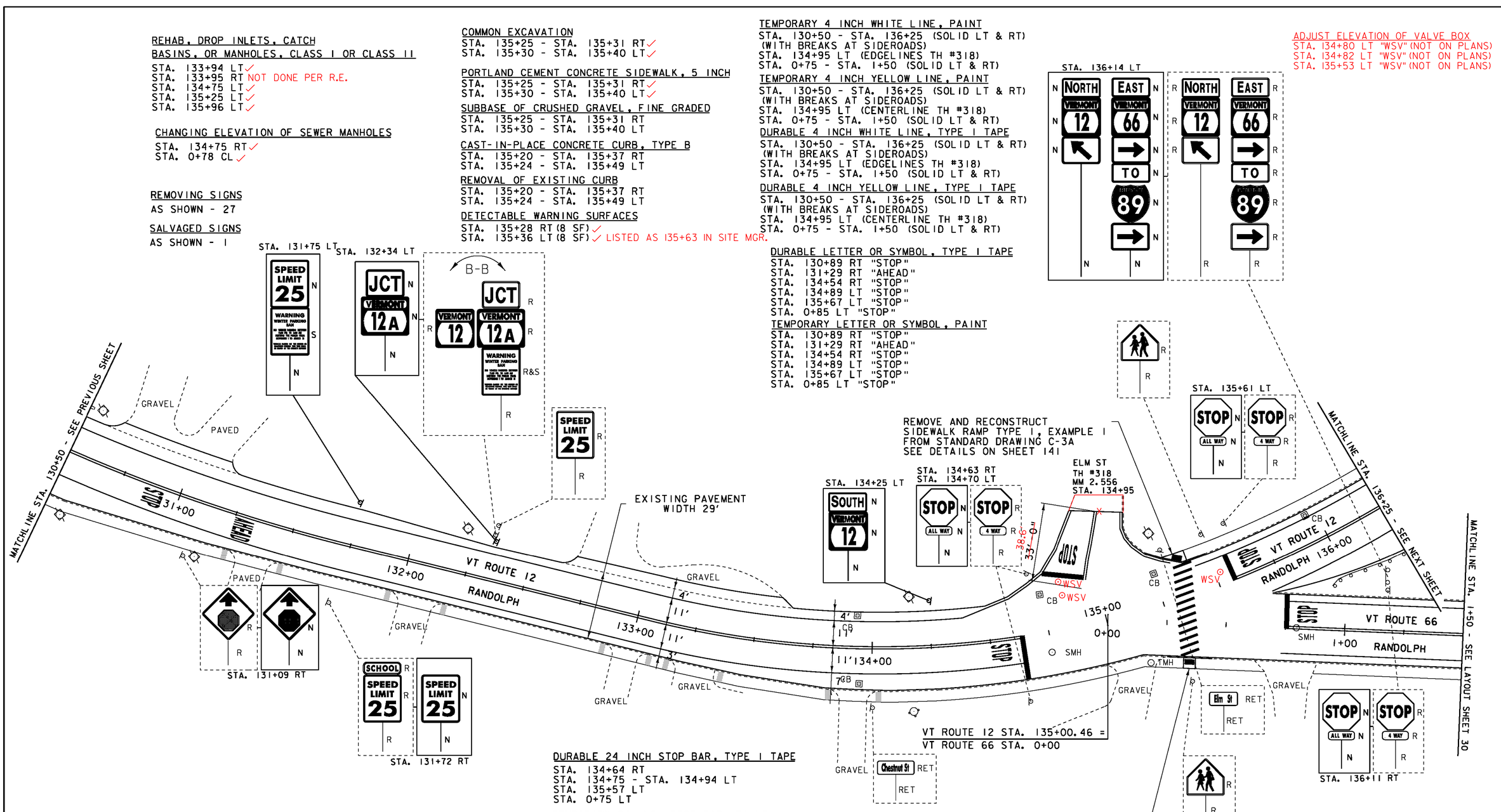
STA. 130+89 RT "STOP"
STA. 131+29 RT "AHEAD"
STA. 134+54 RT "STOP"
STA. 134+89 LT "STOP"
STA. 135+67 LT "STOP"
STA. 0+85 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 130+89 RT "STOP"
STA. 131+29 RT "AHEAD"
STA. 134+54 RT "STOP"
STA. 134+89 LT "STOP"
STA. 135+67 LT "STOP"
STA. 0+85 LT "STOP"

ADJUST ELEVATION OF VALVE BOX

STA. 134+80 LT "WSV" (NOT ON PLANS)
STA. 134+82 LT "WSV" (NOT ON PLANS)
STA. 135+53 LT "WSV" (NOT ON PLANS)


STA. 131+75 LT
SPEED LIMIT 25 N
WARNING WINTER PARKING BAN
S
N
STA. 132+34 LT
JCT N
VERMONT 12A N
N
B-B
JCT R
VERMONT 12
VERMONT 12A R
WARNING WINTER PARKING BAN
R&S
R
SPEED LIMIT 25 R
R
STA. 136+14 LT
NORTH VERMONT 12 N
EAST VERMONT 66 N
TO N
89 N
N
N
R
R
R

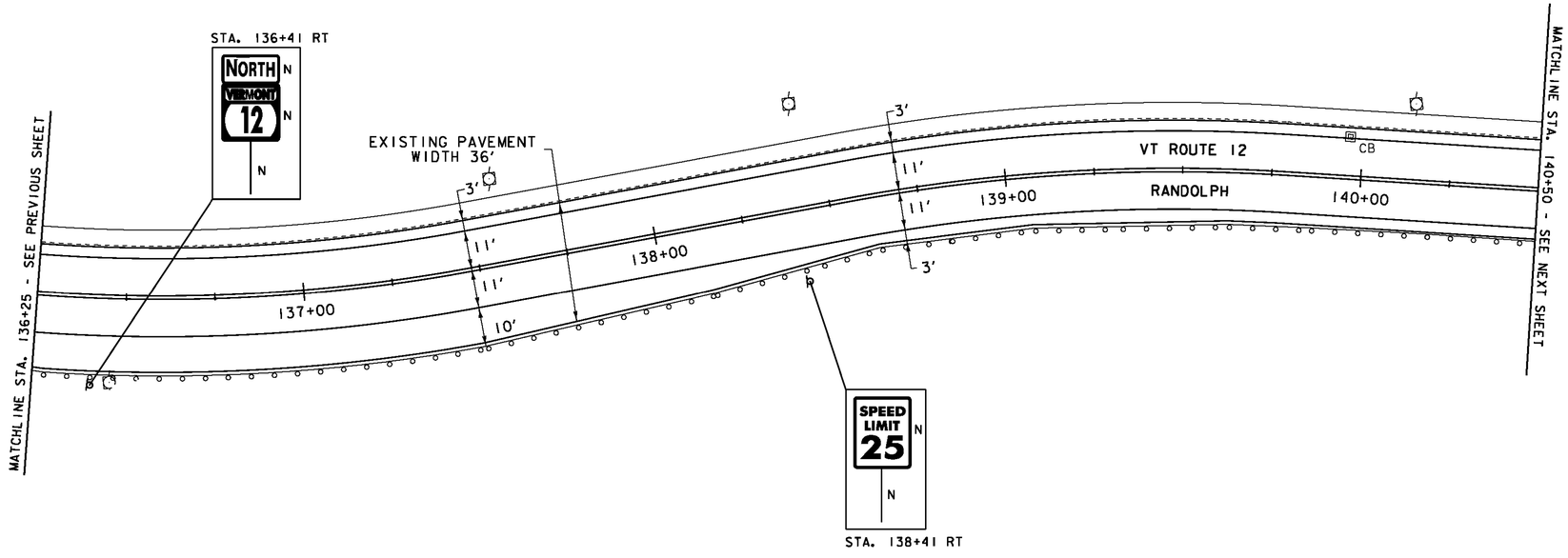
DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 136+25 - STA. 140+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 136+25 - STA. 140+50 (SOLID LT & RT)

REHAB, DROP INLETS, CATCH
BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 139+97 LT ✓

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 136+25 - STA. 140+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 136+25 - STA. 140+50 (SOLID LT & RT)



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 21

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_40.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 40 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 142+80 LT ✓
STA. 145+32 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES
STA. 143+49 RT ✓
STA. 144+95 RT ✓

ADJUST ELEVATION OF VALVE BOX
STA. 143+01 LT "WSV"

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 140+50 - STA. 146+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 140+50 - STA. 146+25 (SOLID LT & RT)

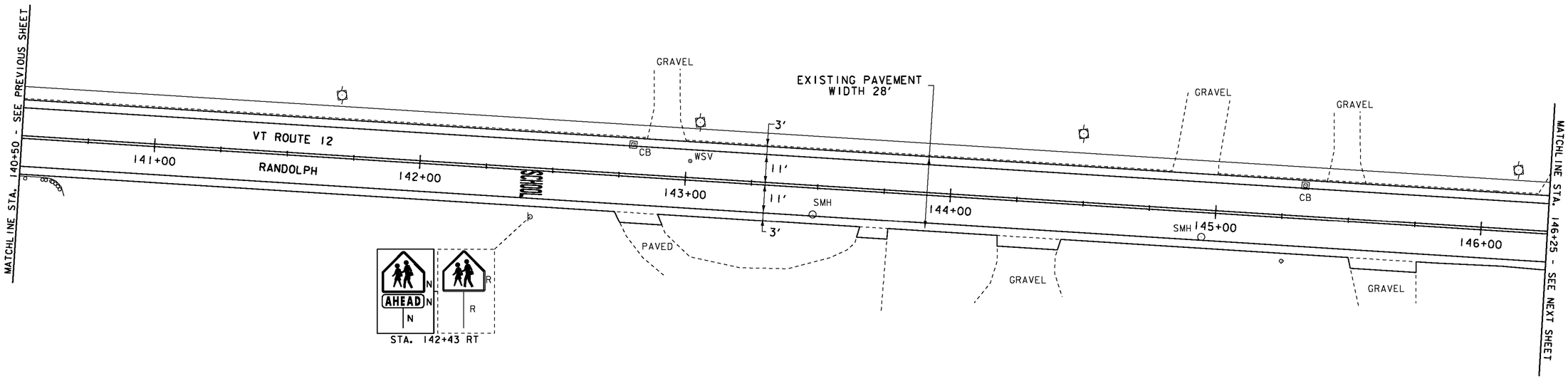
DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 142+42 RT "SCHOOL"

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 140+50 - STA. 146+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 140+50 - STA. 146+25 (SOLID LT & RT)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 142+42 RT "SCHOOL"

REMOVING SIGNS
AS SHOWN - 1



LEGEND

	SIGN		LIGHT POLE
	HYDRANT		EX. DETECTABLE WARNINGS
	MANHOLE		JUNCTION BOX
	VALVE		PED BUTTON
	GAS PIPELINE MARKER		ELECTRICAL BOX
	CATCH BASIN / DROP INLET		SIGNAL
	CURB INLET		PEDESTAL POST
	TRAFFIC CONTROL BOX		STRAIN POLE
	PARKING METER		CAMERA
	UTILITY POLE	VDZ	VIDEO DETECTION ZONE
	DETECTABLE WARNINGS		

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

NOT TO SCALE

PROJECT LAYOUT SHEET 22

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_41.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 41 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 146+72 LT ✓
STA. 150+11 LT ✓
STA. 151+22 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 149+06 RT ✓ STA 147+22 RT
STA. 150+24 RT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 146+45 LT "WSV" ✓

COMMON EXCAVATION

STA. 149+09 - STA. 149+15 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 149+09 - STA. 149+15 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 149+09 - STA. 149+15 LT

REMOVAL OF EXISTING CURB

STA. 149+01 - STA. 149+24 LT

CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 149+01 - STA. 149+24 LT

DETECTABLE WARNING SURFACES

STA. 149+12 LT (8SF)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 146+25 - STA. 151+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS AND SCHOOL DRIVES)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 146+25 - STA. 151+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS AND SCHOOL DRIVES)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 146+25 - STA. 151+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS AND SCHOOL DRIVES)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 146+25 - STA. 151+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS AND SCHOOL DRIVES)

DURABLE CROSSWALK MARKING, TYPE I TAPE

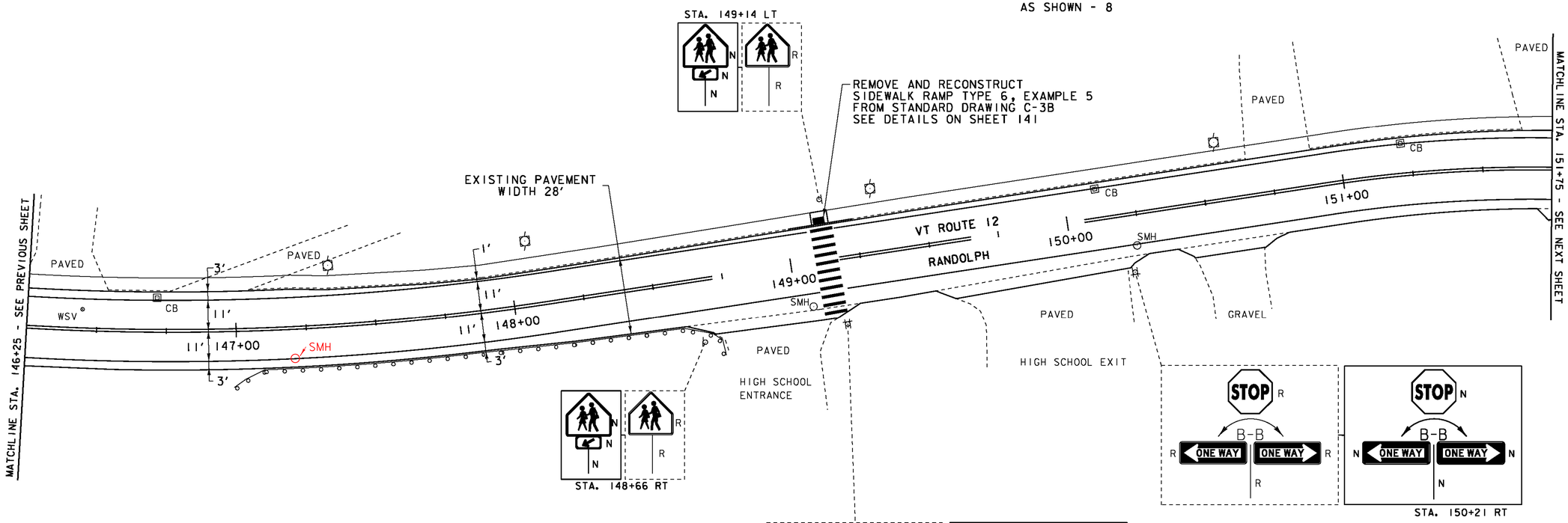
STA. 149+13 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 149+13 LT & RT

REMOVING SIGNS

AS SHOWN - 8



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 23

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: plOC246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: plOC246_42.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 42 OF 149

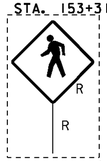
REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 152+07 LT ✓
STA. 153+05 LT ✓
STA. 154+92 LT ✓
STA. 155+19 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 152+01 LT ✓ LISTED AS STA. 120+01 IN SITE MGR
STA. 153+69 RT ✓
STA. 155+16 LT ✓
STA. 155+29 LT ✓

STA. 153+31 LT



ADJUST ELEVATION OF VALVE BOX

STA. 152+78 RT "WSV" ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 151+75 - STA. 157+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 155+32 LT (EDGELINES AYERS BROOK RD)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 151+75 - STA. 157+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 155+32 LT (CENTERLINE AYERS BROOK RD)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 151+75 - STA. 157+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 155+32 LT (EDGELINES AYERS BROOK RD)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 151+75 - STA. 157+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 155+32 LT (CENTERLINE AYERS BROOK RD)

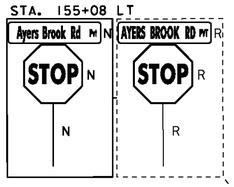
DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 155+14 - 155+33 LT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 155+14 - STA. 155+33 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 155+24 LT "STOP"

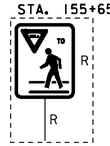
TEMPORARY LETTER OR SYMBOL, PAINT
STA. 155+24 LT "STOP"

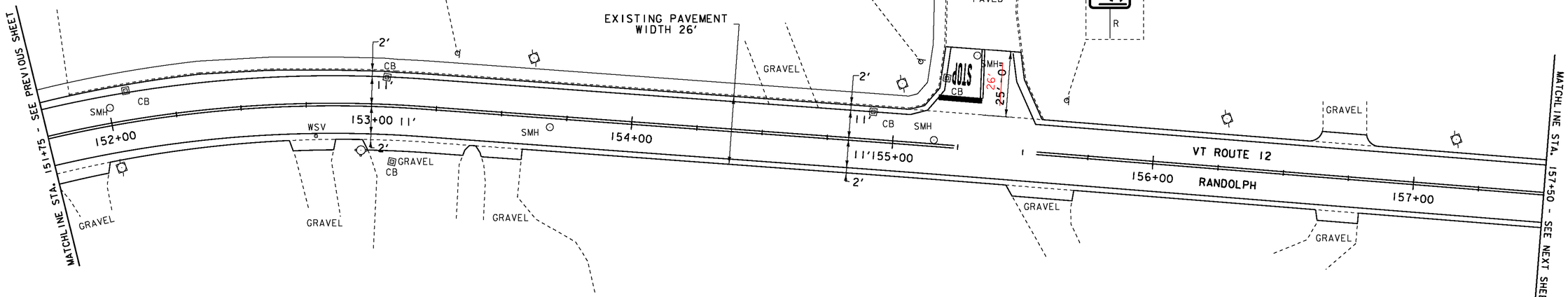
STA. 155+08 LT



REMOVING SIGNS
AS SHOWN - 4

STA. 155+65 LT





LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 24

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_43.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 43 OF 149

CHANGING ELEVATION OF SEWER MANHOLES
STA. 159+09 LT ✓
STA. 160+51 LT ✓

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 158+71 LT "SCHOOL"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 158+71 LT "SCHOOL"

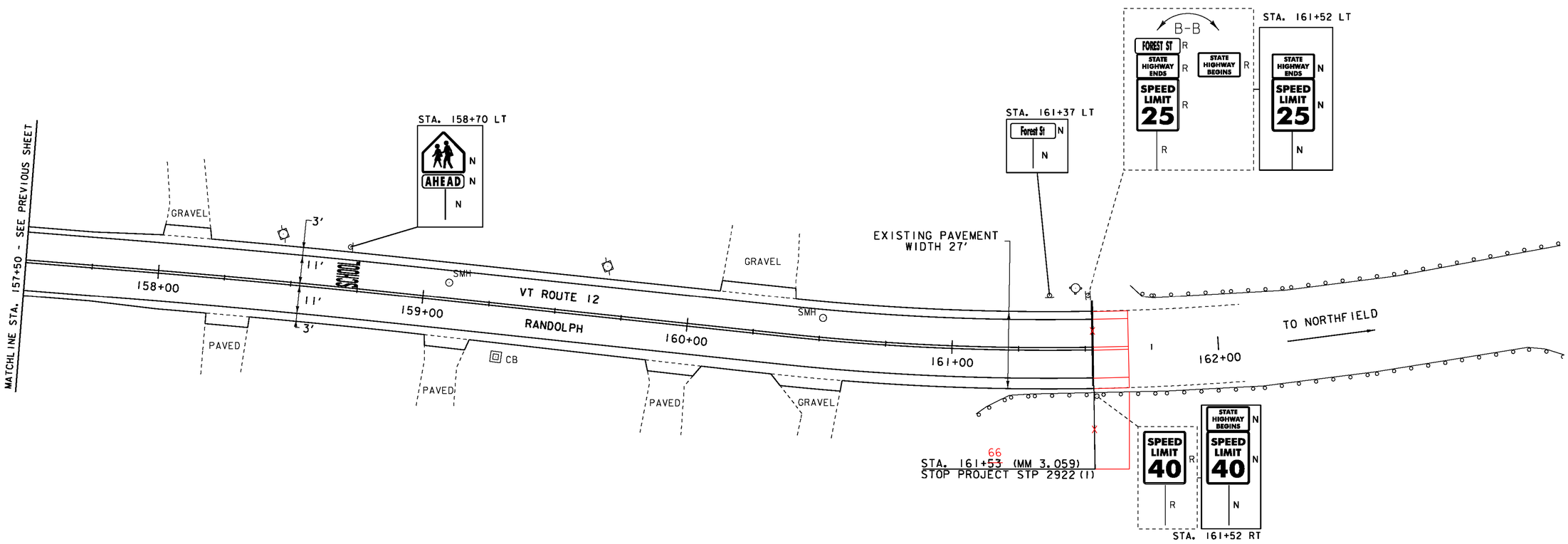
DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 157+50 - STA. 161+53 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 157+50 - STA. 161+53 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 157+50 - STA. 161+53 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 157+50 - STA. 161+53 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 5



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST

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

NOT TO SCALE

PROJECT LAYOUT SHEET 25

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_44.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 44 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 2+51 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES
STA. 1+95 LT ✓

COMMON EXCAVATION
STA. 2+31 - STA. 2+36 LT
STA. 2+42 - STA. 2+50 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 2+31 - STA. 2+36 LT ✓
STA. 2+42 - STA. 2+50 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 2+31 - STA. 2+36 LT
STA. 2+42 - STA. 2+50 RT

DETECTABLE WARNING SURFACES
STA. 2+33 LT (8 SF) ✓
STA. 2+44 RT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 1+50 - STA. 2+27 (SOLID LT)
STA. 1+50 - STA. 2+38 (SOLID RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 1+50 - STA. 5+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 1+50 - STA. 2+27 (SOLID LT)
STA. 1+50 - STA. 2+38 (SOLID RT)

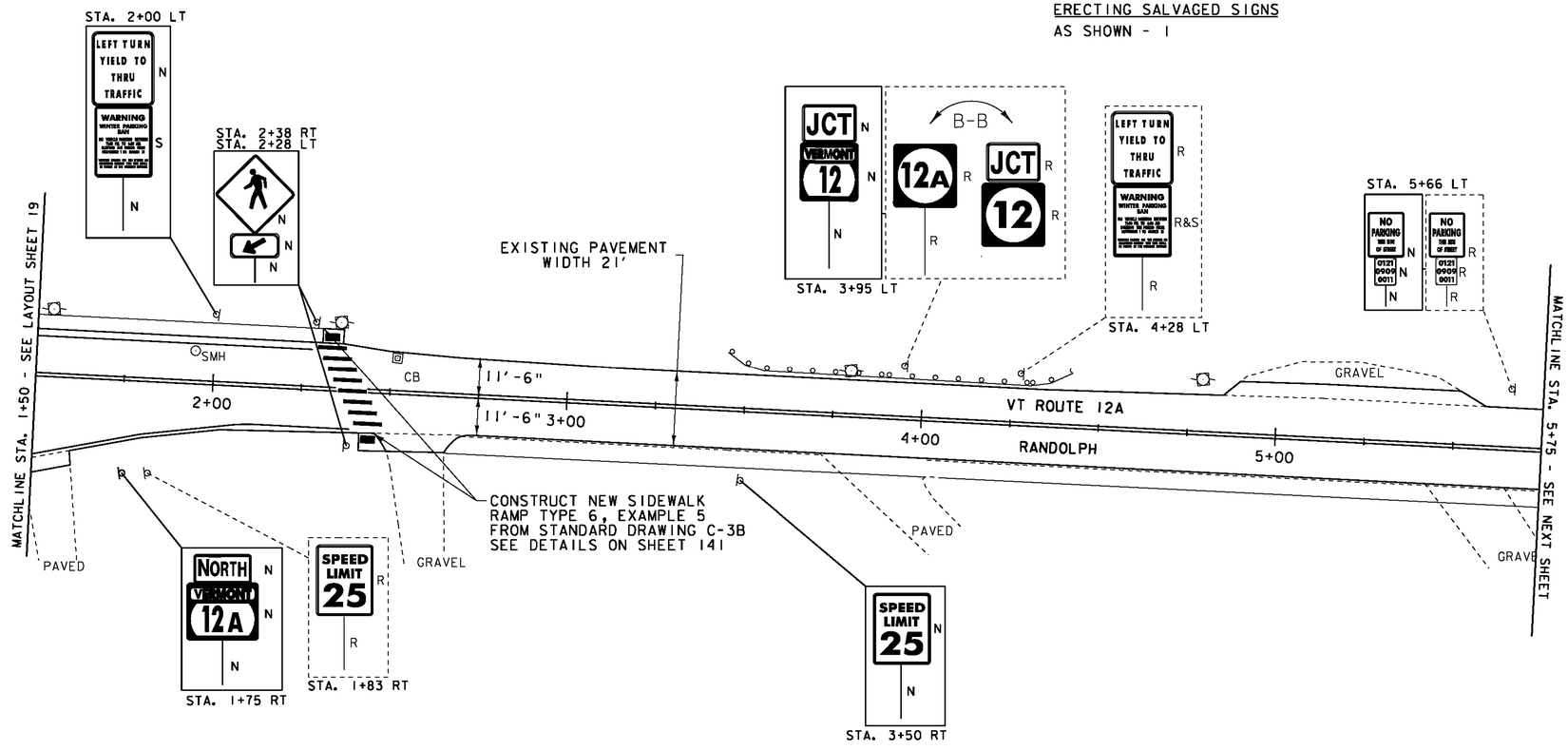
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 1+50 - STA. 5+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS)

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 2+30 LT - STA. 2+48 RT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 2+30 LT - STA. 2+48 RT

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 1



LEGEND

SIGN		LIGHT POLE	
HYDRANT		EX. DETECTABLE WARNINGS	
MANHOLE		JUNCTION BOX	
VALVE		PED BUTTON	
GAS PIPELINE MARKER		ELECTRICAL BOX	
CATCH BASIN / DROP INLET		SIGNAL	
CURB INLET		PEDESTAL POST	
TRAFFIC CONTROL BOX		STRAIN POLE	
PARKING METER		CAMERA	
UTILITY POLE	VDZ	VIDEO DETECTION ZONE	
DETECTABLE WARNINGS			

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 26

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_45.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 45 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 8+00 LT ← OUTSIDE PAVED AREA

CHANGING ELEVATION OF SEWER MANHOLES
STA. 10+88 RT ✓

COMMON EXCAVATION
STA. 10+15 - STA. 10+22 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 10+15 - STA. 10+22 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 10+15 - STA. 10+22 RT

DETECTABLE WARNING SURFACES
STA. 10+18 RT (8 SF) ✓

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 5+75 - STA. 11+75 (SOLID LT & RT)
(WITH BREAKS AT TOWN ROADS)
STA. 10+90 RT (CENTERLINES TH #366)

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 10+78 - STA. 10+89 RT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 10+78 - STA. 10+89 RT

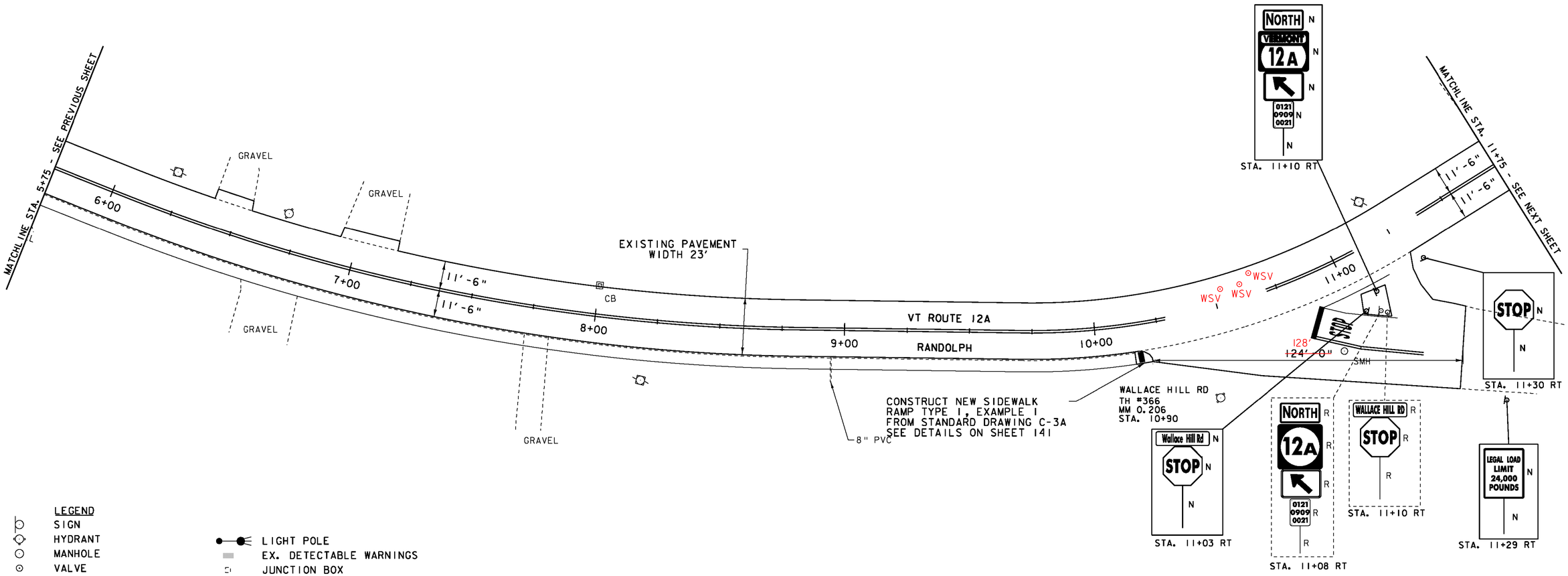
DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 10+85 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 10+85 RT "STOP"

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 5+75 - STA. 11+75 (SOLID LT & RT)
(WITH BREAKS AT TOWN ROADS)
STA. 10+90 RT (CENTERLINES TH #366)

REMOVING SIGNS
AS SHOWN - 6

ADJUST ELEVATION OF VALVE BOX
STA. 10+52 LT "WSV" (NOT ON PLANS)
STA. 10+54 LT "WSV" (NOT ON PLANS)
STA. 10+56 LT "WSV" (NOT ON PLANS)



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- PARKING METER
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 27

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_46.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 46 OF 149

COMMON EXCAVATION
STA. 13+45 - STA. 13+54 RT ✓
STA. 13+47 - STA. 13+52 LT ✓

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 13+45 - STA. 13+54 RT
STA. 13+47 - STA. 13+52 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 13+45 - STA. 13+54 RT
STA. 13+47 - STA. 13+52 LT

DETECTABLE WARNING SURFACES
STA. 13+50 RT (8 SF) ✓
STA. 13+50 LT (8 SF) ✓

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 11+75 - STA. 17+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS)

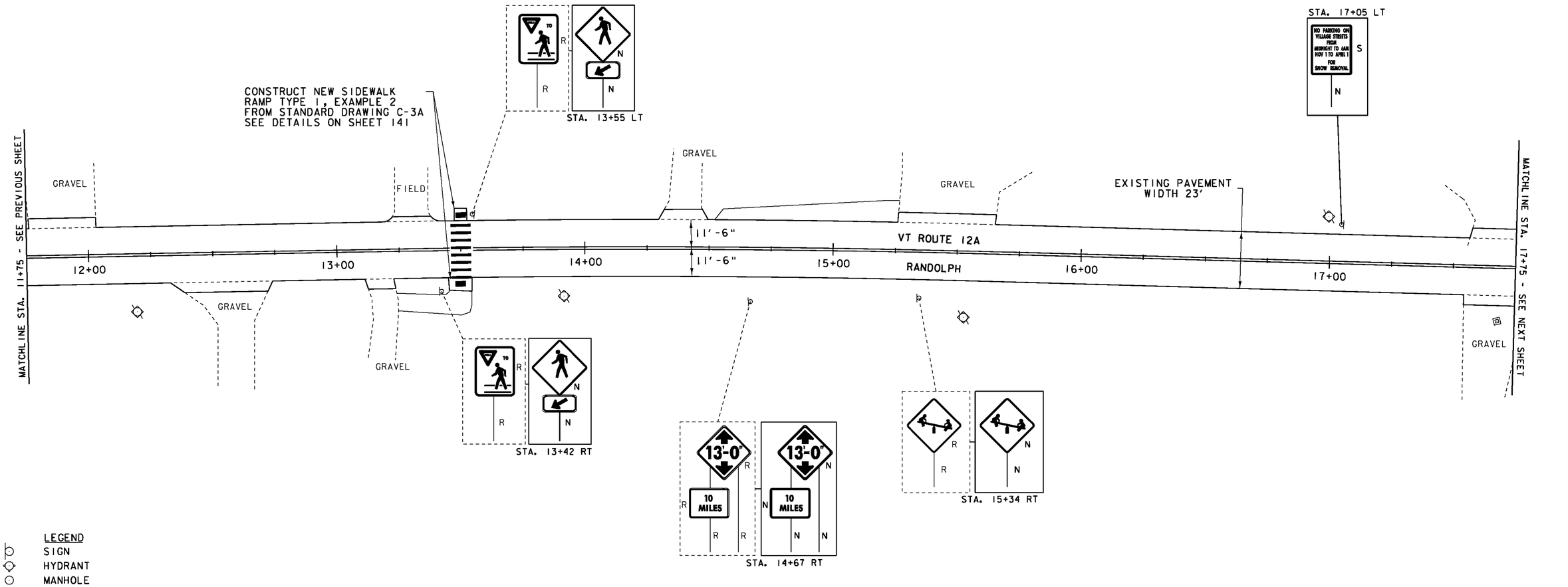
DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 13+50 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 13+50 LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 11+75 - STA. 17+75 (SOLID LT & RT)
(WITH BREAKS AT CROSSWALKS)

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED SIGNS
AS SHOWN - 1



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- PARKING METER
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST

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

NOT TO SCALE

PROJECT LAYOUT SHEET 28

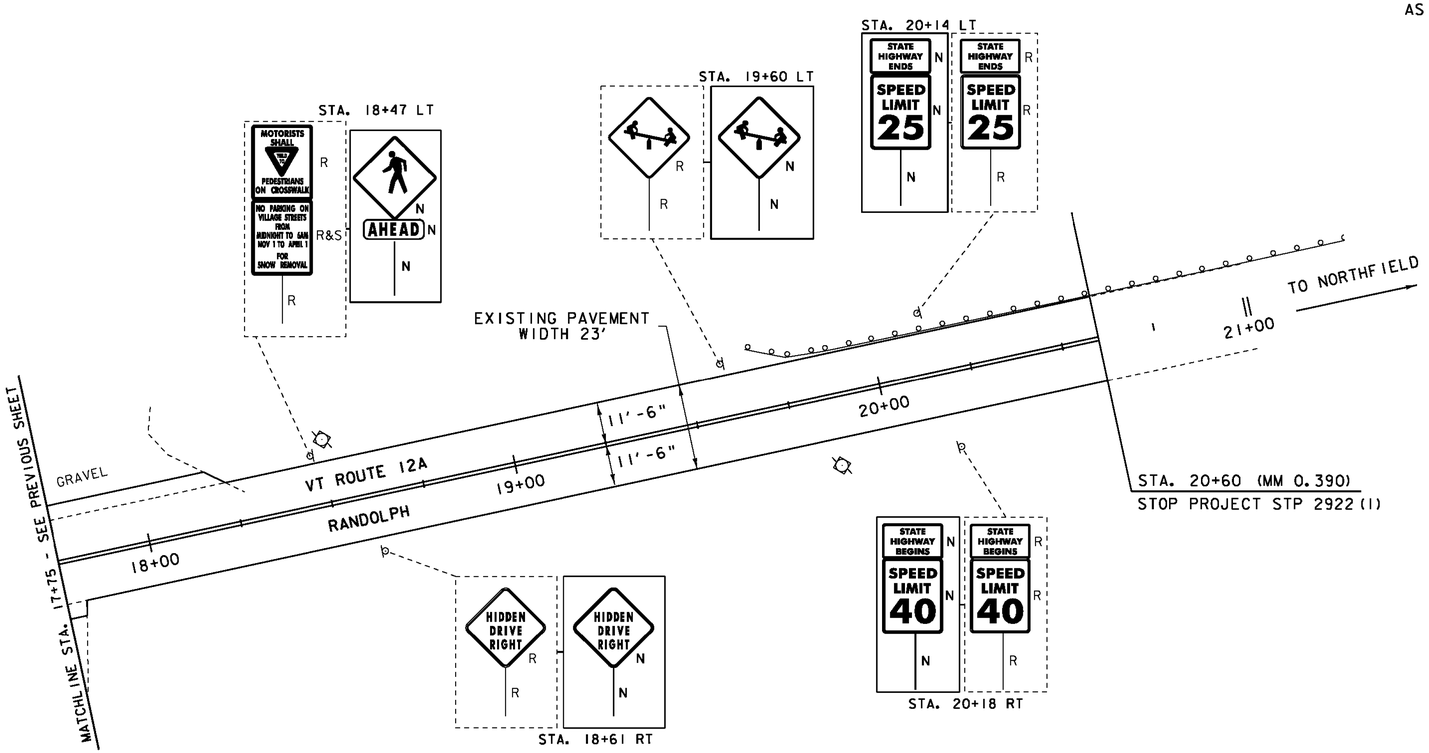
PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_47.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 47 OF 149

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 17+75 - STA. 20+60 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 17+75 - STA. 20+60 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 8



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

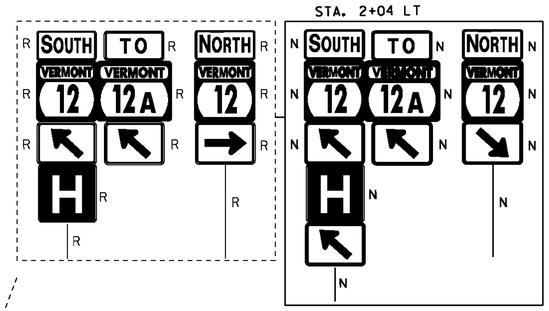
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

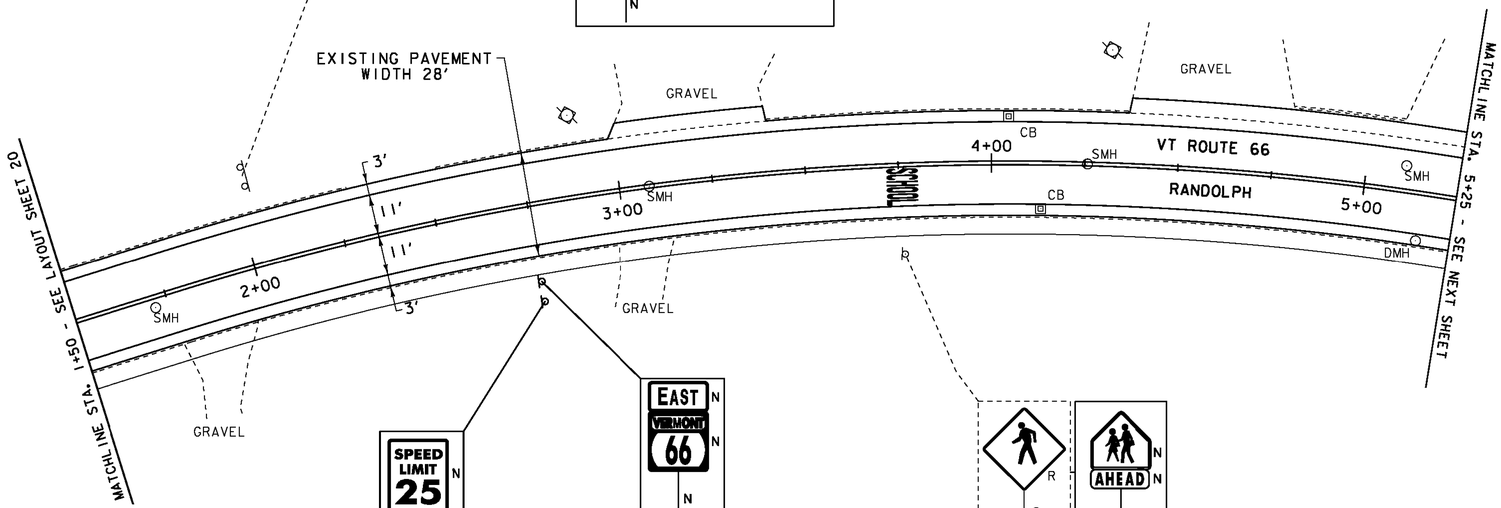
NOT TO SCALE

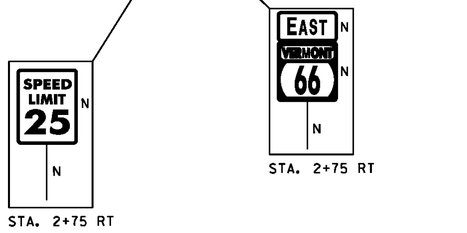
PROJECT LAYOUT SHEET 29

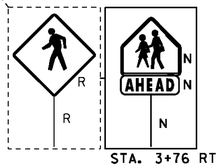
PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_48.i
PLOT DATE: 1/3/13
DRAWN BY: SJL
CHECKED BY: CDL
SHEET 48 OF 149









REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 4+05 LT ✓
STA. 4+12 RT ✓

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES
STA. 5+17 RT "DMH" ✓

CHANGING ELEVATION OF SEWER MANHOLES
STA. 1+72 RT ✓
STA. 3+06 CL ✓
STA. 4+26 CL ✓
STA. 5+10 LT ✓

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 3+76 RT "SCHOOL"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 3+76 RT "SCHOOL"

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 1+50 - STA. 5+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 1+50 - STA. 5+25 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 1+50 - STA. 5+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 1+50 - STA. 5+25 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 11

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST

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

NOT TO SCALE

PROJECT LAYOUT SHEET 30

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_49.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 49 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 6+60 LT ✓
STA. 6+67 RT ✓
STA. 8+05 RT ✓
STA. 9+00 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 6+82 CL ✓ (LISTED AS 16+82 IN SITE MGR)
STA. 8+50 CL ✓
STA. 9+42 CL ✓

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 8+82 RT "DMH" LISTED AS 8+52 RT

ADJUST ELEVATION OF VALVE BOX

STA. 5+77 LT "WSV" ✓
STA. 5+80 LT "WSV" ✓
STA. 8+45 LT "WSV" ✓
STA. 8+50 LT "WSV" ✓
STA. 8+75 LT "WSV" ✓
STA. 11+15 LT "WSV"

COMMON EXCAVATION

STA. 6+26 - STA. 6+31 RT
STA. 8+37 - STA. 8+43 RT
STA. 8+87 - STA. 9+00 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 6+26 - STA. 6+31 RT ✓
STA. 8+37 - STA. 8+43 RT ✓
STA. 8+87 - STA. 9+00 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 6+26 - STA. 6+31 RT
STA. 8+37 - STA. 8+43 RT
STA. 8+87 - STA. 9+00 RT

REMOVE AND RESETTING CURB

STA. 6+18 - STA. 6+38 RT
STA. 8+33 - STA. 8+43 RT
STA. 8+87 - STA. 9+06 RT

DETECTABLE WARNING SURFACES

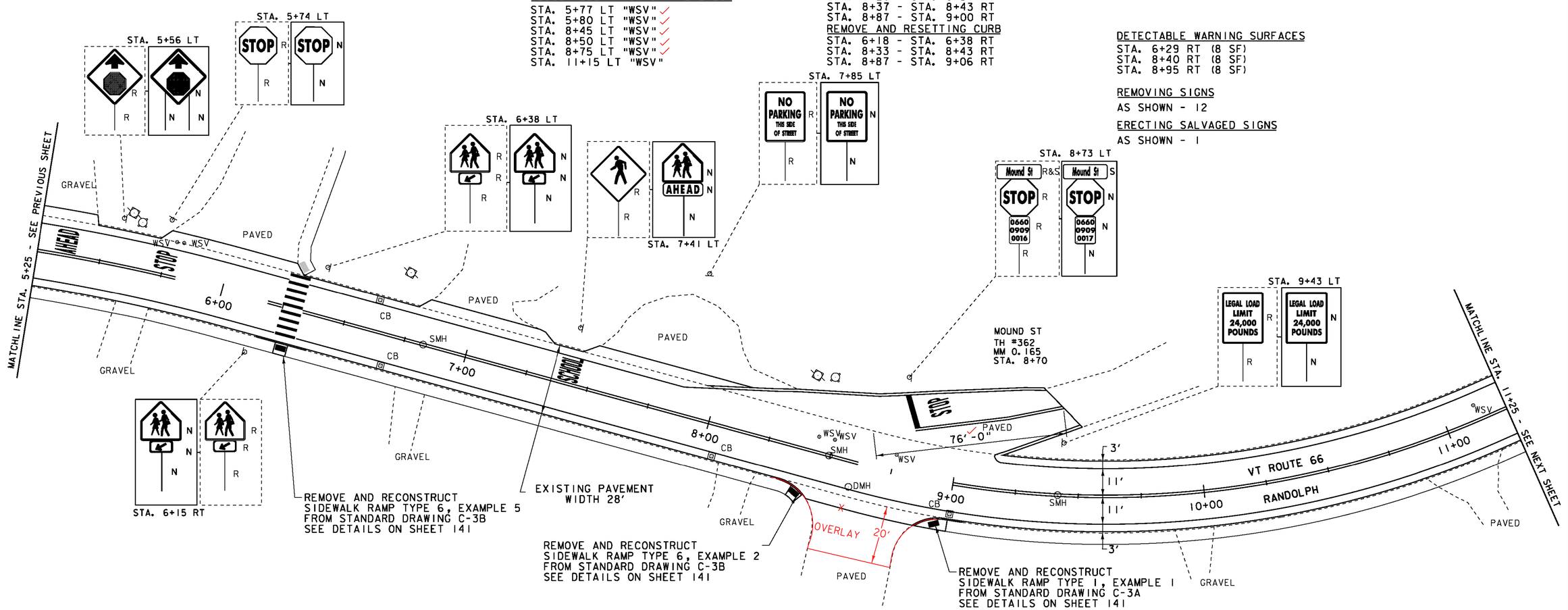
STA. 6+29 RT (8 SF)
STA. 8+40 RT (8 SF)
STA. 8+95 RT (8 SF)

REMOVING SIGNS

AS SHOWN - 12

ERECTING SALVAGED SIGNS

AS SHOWN - 1



DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 5+25 - STA. 11+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 8+70 LT (EDGELINES TH #362)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 5+25 - STA. 11+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 8+70 LT (CENTERLINE TH #362)

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 8+75 - STA. 8+81 LT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 8+75 - STA. 8+81 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 5+36 LT "AHEAD"
STA. 5+76 LT "STOP"
STA. 7+42 LT "SCHOOL"
STA. 8+88 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 5+36 LT "AHEAD"
STA. 5+76 LT "STOP"
STA. 7+42 LT "SCHOOL"
STA. 8+88 LT "STOP"

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 5+25 - STA. 11+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 8+70 LT (EDGELINES TH #362)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 5+25 - STA. 11+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 8+70 LT (CENTERLINE TH #362)

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 6+29 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 6+29 LT & RT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 31

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_50.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 50 OF 149

CHANGING ELEVATION OF SEWER MANHOLES
STA. 12+12 CL ✓
STA. 13+74 RT ✓
STA. 15+30 RT ✓

ADJUST ELEVATION OF VALVE BOX
STA. 11+30 LT "WSV" ✓
STA. 11+83 LT "WSV" ✓
STA. 16+13 LT "WSV"

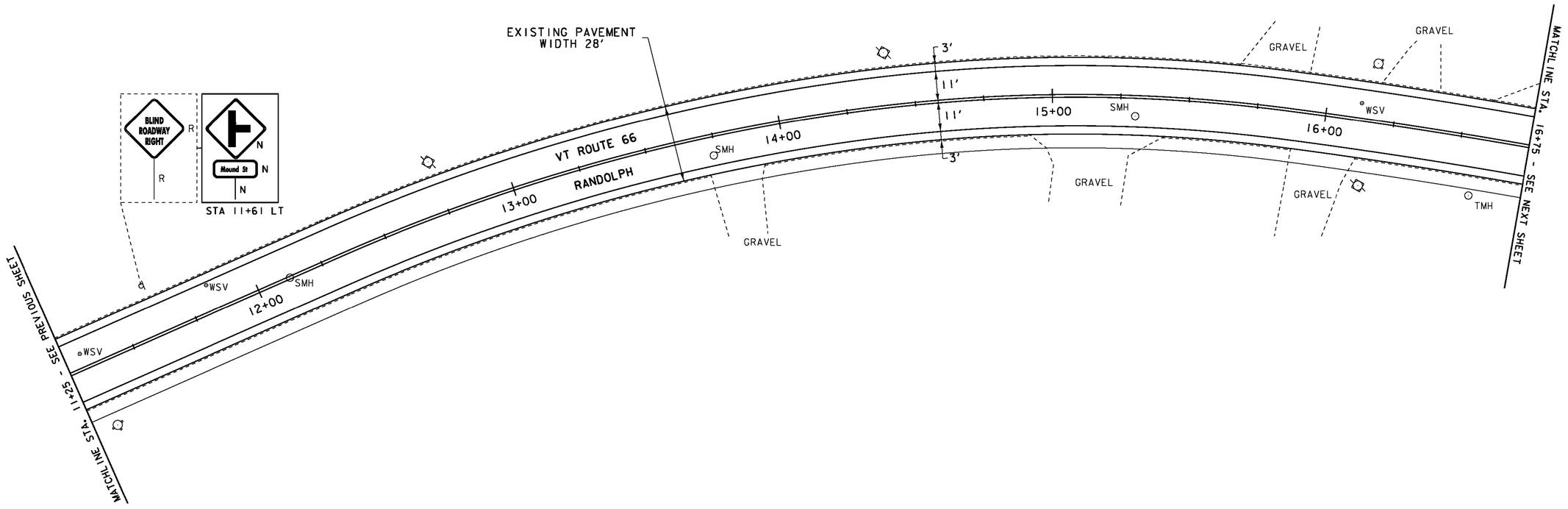
DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 11+25 - STA. 16+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 1



LEGEND

SIGN		LIGHT POLE	
HYDRANT		EX. DETECTABLE WARNINGS	
MANHOLE		JUNCTION BOX	
VALVE		PED BUTTON	
GAS PIPELINE MARKER		ELECTRICAL BOX	
CATCH BASIN / DROP INLET		SIGNAL	
CURB INLET		PEDESTAL POST	
TRAFFIC CONTROL BOX		STRAIN POLE	
PARKING METER		CAMERA	
UTILITY POLE	VDZ	VIDEO DETECTION ZONE	
DETECTABLE WARNINGS			

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 32

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_51.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 51 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 17+89 RT ✓ STA. 19+25 RT ✓ STA. 17+75 LT
STA. 18+43 RT ✓ STA. 20+50 RT ✓ STA. 20+50 LT

CHANGING ELEVATION OF SEWER MANHOLES

STA. 17+08 CL ✓ STA. 21+48 RT (NOT ON PLANS)
STA. 18+52 RT ✓
STA. 20+25 RT ✓

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES

STA. 21+93 LT "DMH" ✓

ADJUST ELEVATION OF VALVE BOX

STA. 18+15 LT "WSV"
STA. 18+21 LT "WSV"
STA. 21+20 LT "WSV"

DETECTABLE WARNING SURFACES

STA. 18+07 RT (8 SF) ✓
STA. 18+34 RT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 16+75 - STA. 22+51 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 16+75 - STA. 22+51 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 16+75 - STA. 22+51 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 16+75 - STA. 22+51 (SOLID LT & RT)

REMOVING SIGNS

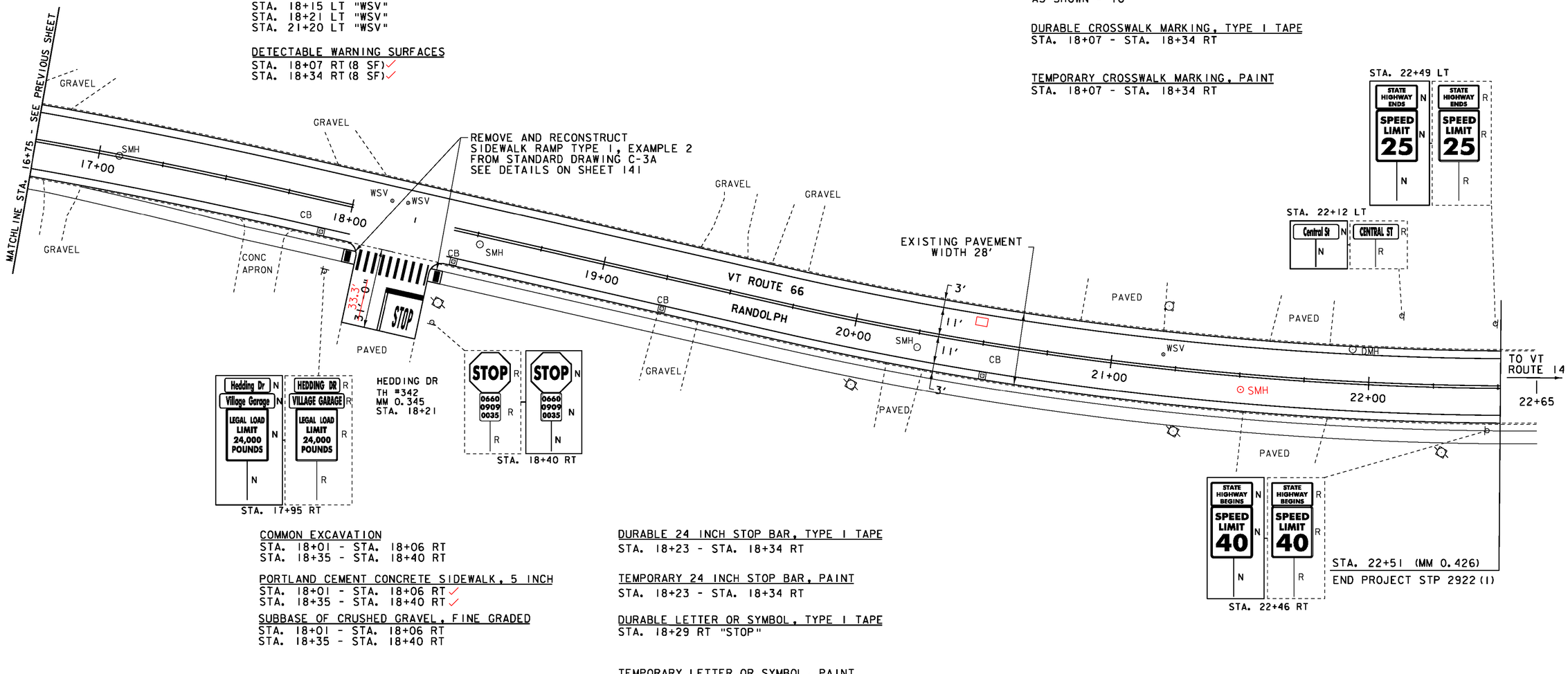
AS SHOWN - 10

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 18+07 - STA. 18+34 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 18+07 - STA. 18+34 RT



COMMON EXCAVATION

STA. 18+01 - STA. 18+06 RT
STA. 18+35 - STA. 18+40 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 18+01 - STA. 18+06 RT ✓
STA. 18+35 - STA. 18+40 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 18+01 - STA. 18+06 RT
STA. 18+35 - STA. 18+40 RT

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 18+23 - STA. 18+34 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 18+23 - STA. 18+34 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 18+29 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 18+29 RT "STOP"

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 33

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_52.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 52 OF 149

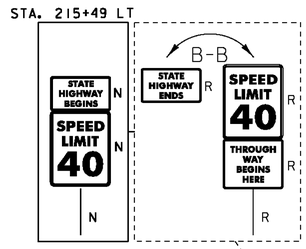
DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 215+45 - STA. 219+75 (SOLID LT & RT)

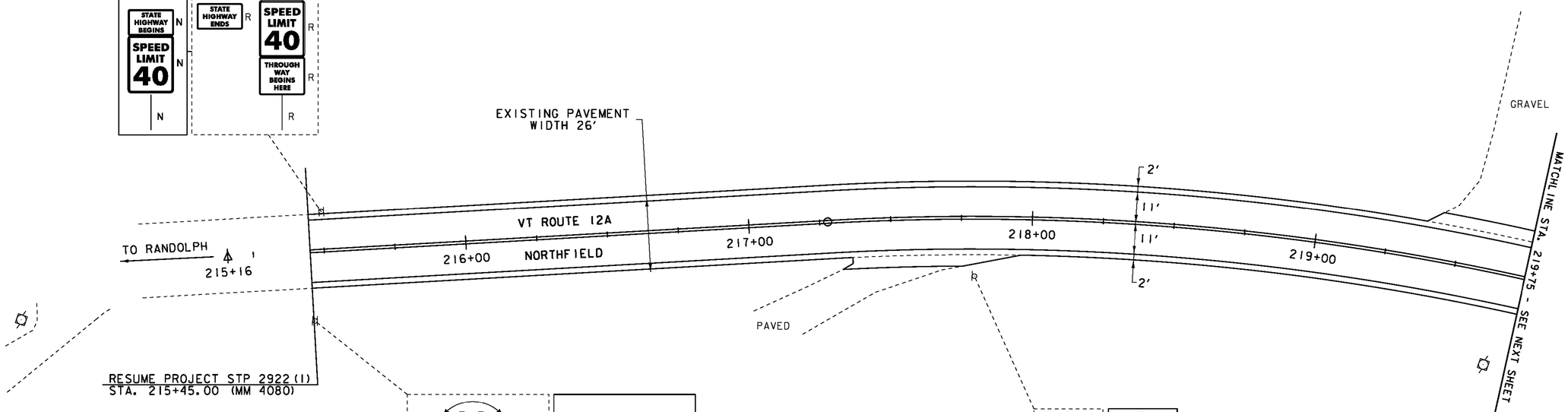
DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 215+45 - STA. 219+75 (SOLID LT & RT)

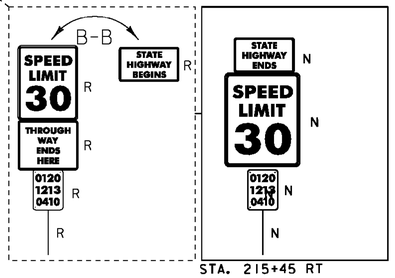
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 215+45 - STA. 219+75 (SOLID LT & RT)

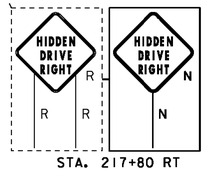
TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 215+45 - STA. 219+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 8









LEGEND

SIGN		LIGHT POLE	
HYDRANT		EX. DETECTABLE WARNINGS	
MANHOLE		JUNCTION BOX	
VALVE		PED BUTTON	
GAS PIPELINE MARKER		ELECTRICAL BOX	
CATCH BASIN / DROP INLET		SIGNAL	
CURB INLET		PEDESTAL POST	
TRAFFIC CONTROL BOX		STRAIN POLE	
PARKING METER		CAMERA	
UTILITY POLE	VDZ	VIDEO DETECTION ZONE	
DETECTABLE WARNINGS			

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 34

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_53.i

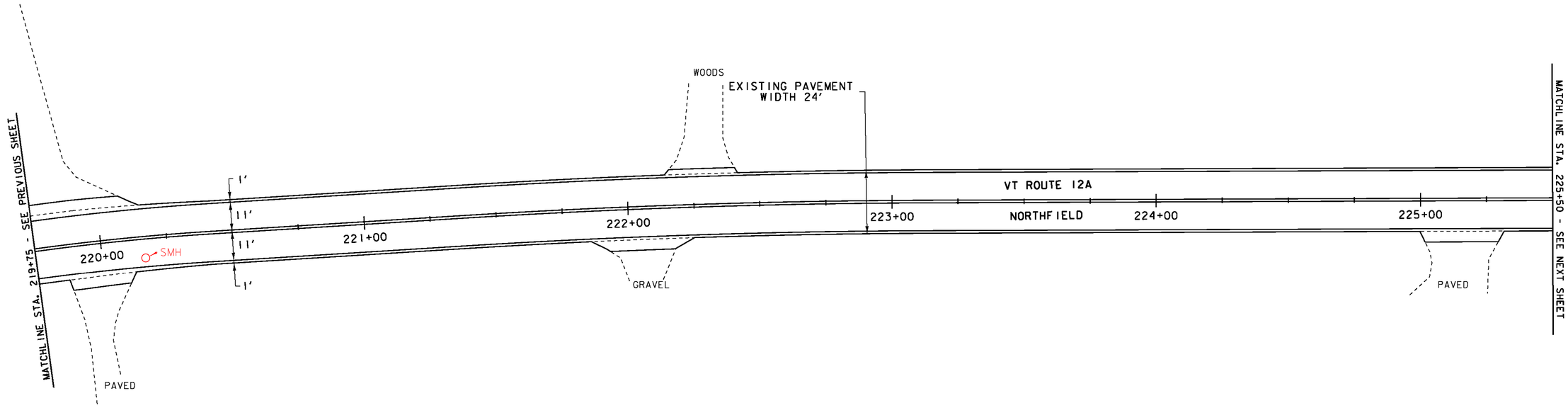
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 53 OF 149

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 219+75 - STA. 225+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 219+75 - STA. 225+50 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 219+75 - STA. 225+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 219+75 - STA. 225+50 (SOLID LT & RT)



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 35

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_54.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 54 OF 149

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 225+50 - STA. 231+50 (SOLID LT & RT)

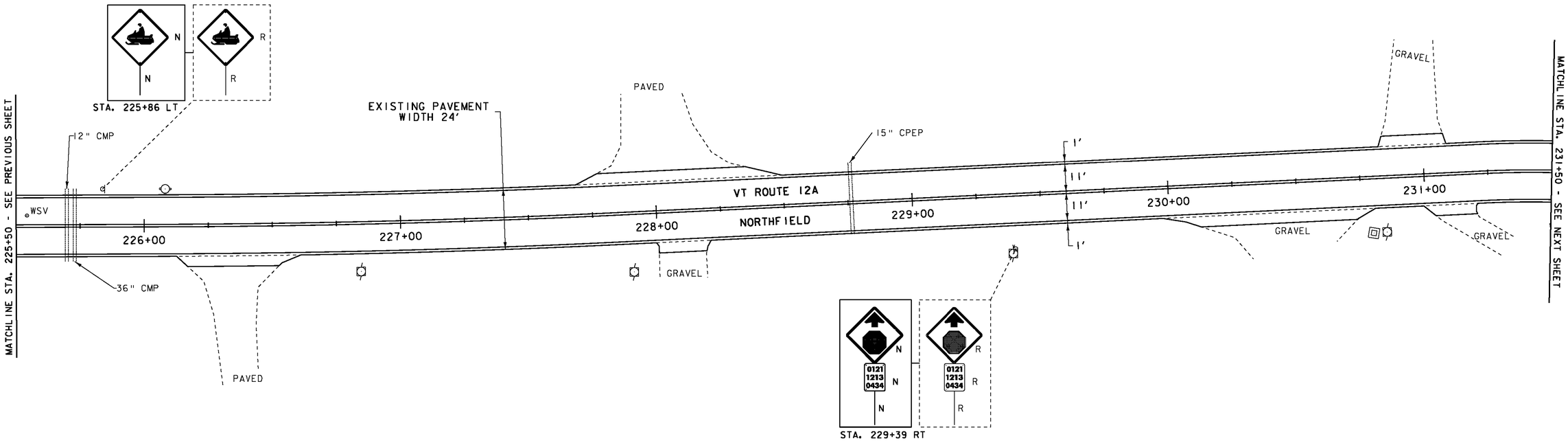
DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 225+50 - STA. 231+50 (SOLID LT & RT)

ADJUST ELEVATION OF VALVE BOX
STA. 225+54 LT "WSV"

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 225+50 - STA. 231+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 225+50 - STA. 231+50 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 3



LEGEND

	SIGN		LIGHT POLE
	HYDRANT		EX. DETECTABLE WARNINGS
	MANHOLE		JUNCTION BOX
	VALVE		PED BUTTON
	GAS PIPELINE MARKER		ELECTRICAL BOX
	CATCH BASIN / DROP INLET		SIGNAL
	CURB INLET		PEDESTAL POST
	TRAFFIC CONTROL BOX		STRAIN POLE
	PARKING METER		CAMERA
	UTILITY POLE	VDZ	VIDEO DETECTION ZONE
	DETECTABLE WARNINGS		

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 36

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_55.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 55 OF 149

ADJUST ELEVATION OF VALVE BOX
STA. 235+52 RT "WSV"
STA. 235+58 RT "WSV"
STA. 166+61 RT "WSV"
STA. 166+61 RT "WSV"
STA. 167+00 LT "WSV"
STA. 167+20 LT "WSV"

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 231+50 - STA. 236+38 (SOLID LT & RT)
STA. 165+75 - STA. 167+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 231+50 - STA. 236+11 (SOLID LT & RT)
STA. 165+75 - STA. 167+25 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 231+50 - STA. 236+38 (SOLID LT & RT)
STA. 165+75 - STA. 167+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 231+50 - STA. 236+11 (SOLID LT & RT)
STA. 165+75 - STA. 167+25 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)

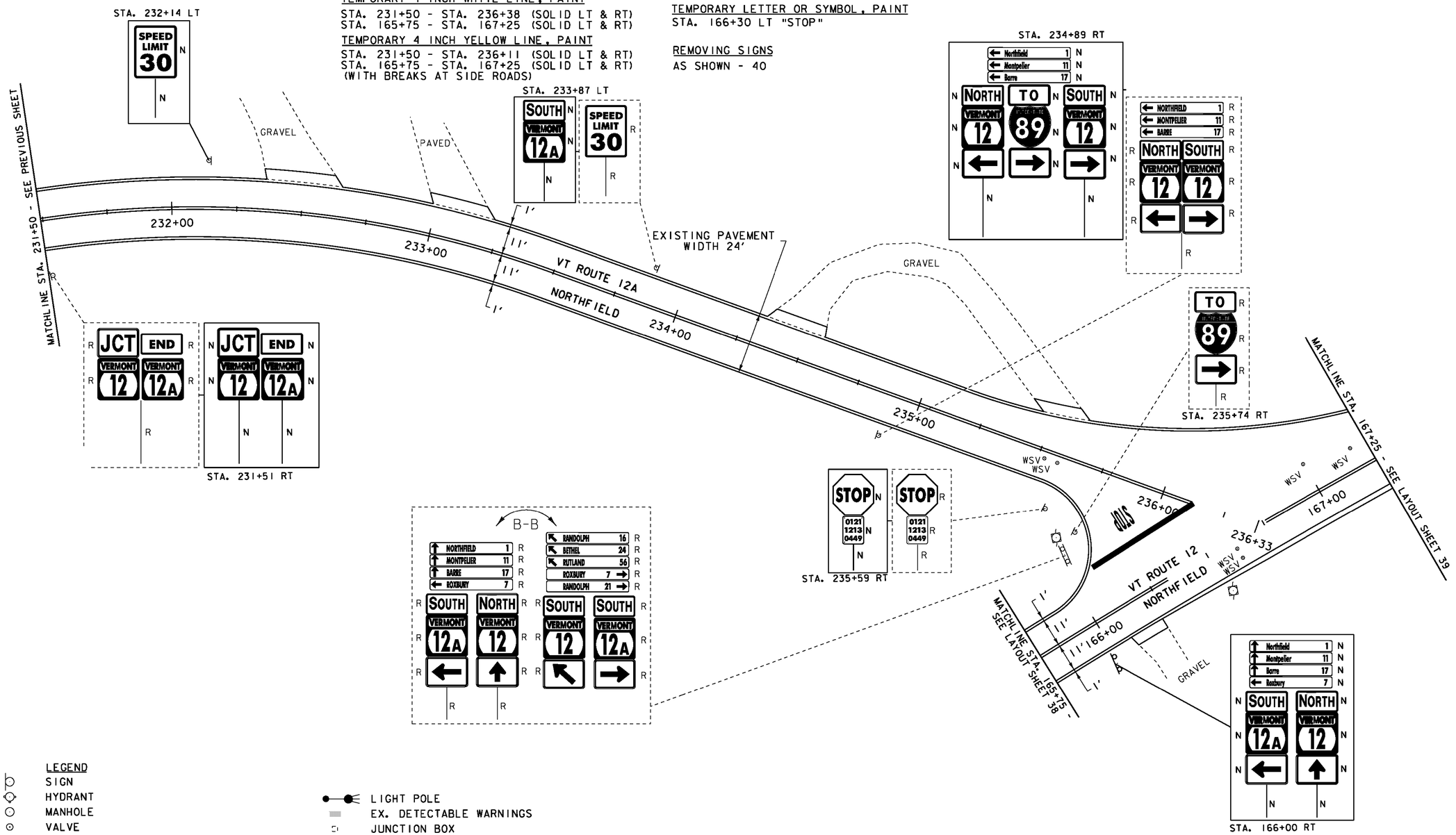
DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 166+10 - STA. 166+56 LT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 166+10 - STA. 166+56 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 166+30 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 166+30 LT "STOP"

REMOVING SIGNS
AS SHOWN - 40



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- PARKING METER
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

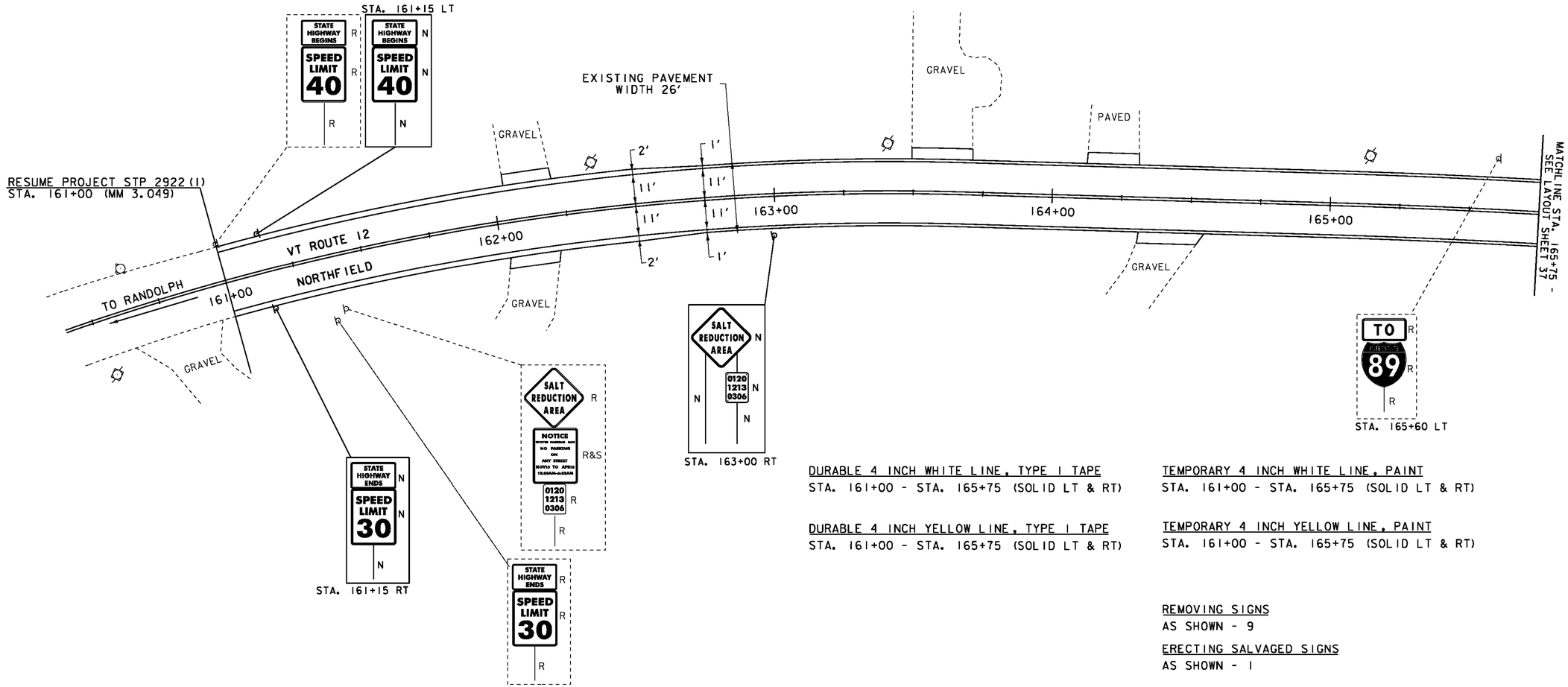
NOT TO SCALE

PROJECT LAYOUT SHEET 37

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_56.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 56 OF 149



DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 161+00 - STA. 165+75 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 161+00 - STA. 165+75 (SOLID LT & RT)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 161+00 - STA. 165+75 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 161+00 - STA. 165+75 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 1

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE SURFACES
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 38

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_57.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 57 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 167+48 LT (NOT IN PAVED AREA)
STA. 168+25 RT

ADJUST ELEVATION OF VALVE BOX
STA. 168+23 RT "WSV"
STA. 168+25 RT "WSV"
STA. 168+25 RT "WSV"
STA. 170+20 RT "WSV"

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 168+48 RT "STOP"
STA. 170+41 LT "STOP"
STA. 170+97 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 168+48 RT "STOP"
STA. 170+41 LT "STOP"
STA. 170+97 LT "STOP"

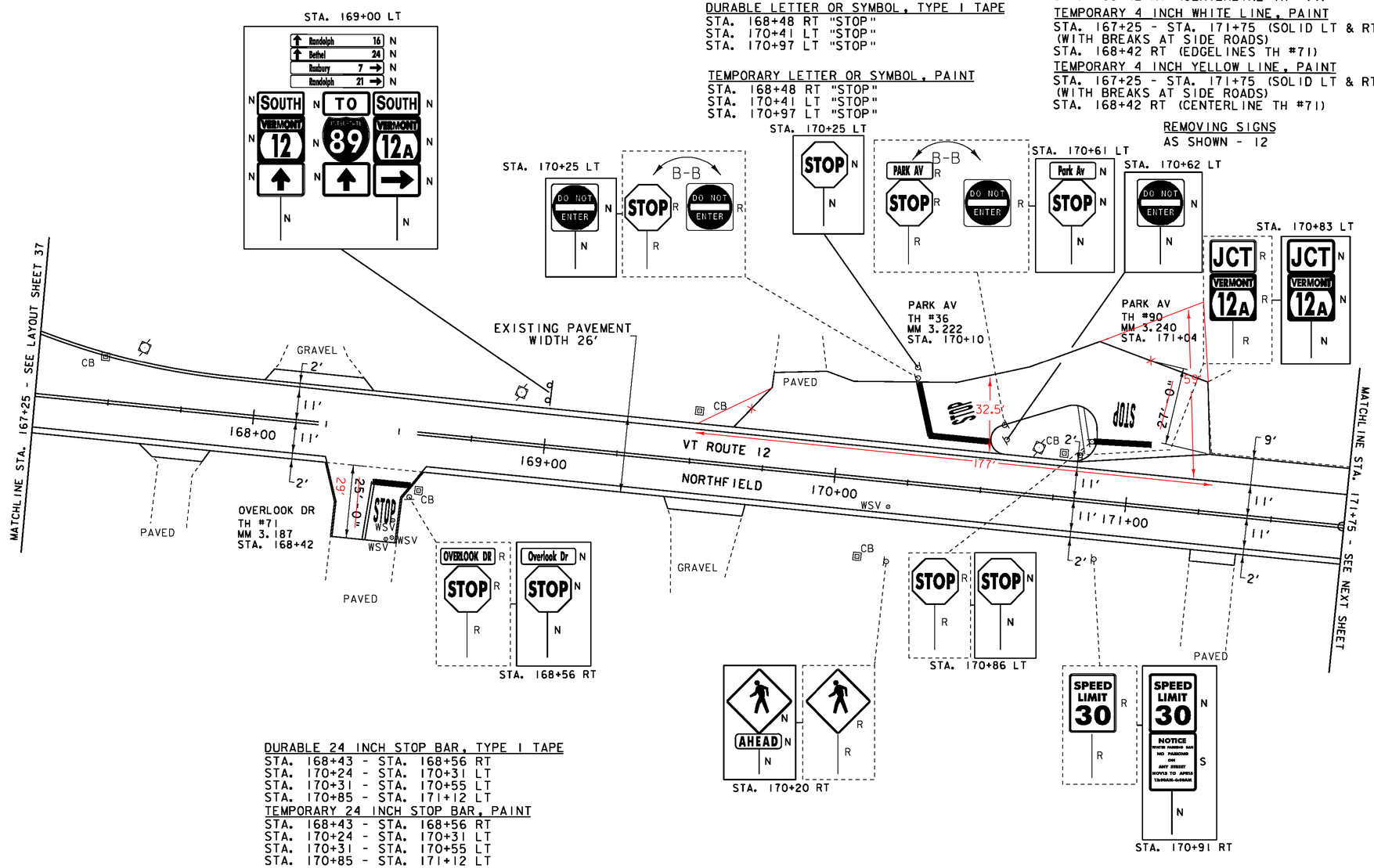
DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 167+25 - STA. 171+75 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)
STA. 168+42 RT (EDGELINES TH #71)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 167+25 - STA. 171+75 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)
STA. 168+42 RT (CENTERLINE TH #71)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 167+25 - STA. 171+75 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)
STA. 168+42 RT (EDGELINES TH #71)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 167+25 - STA. 171+75 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)
STA. 168+42 RT (CENTERLINE TH #71)

REMOVING SIGNS
AS SHOWN - 12



DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 168+43 - STA. 168+56 RT
STA. 170+24 - STA. 170+31 LT
STA. 170+31 - STA. 170+55 LT
STA. 170+85 - STA. 171+12 LT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 168+43 - STA. 168+56 RT
STA. 170+24 - STA. 170+31 LT
STA. 170+31 - STA. 170+55 LT
STA. 170+85 - STA. 171+12 LT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 39

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_58.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 58 OF 149

ADJUST ELEVATION OF VALVE BOX
STA. 172+20 RT "WSV"
STA. 173+85 RT "WSV"
STA. 173+90 RT "WSV"
STA. 173+97 RT "WSV"
STA. 174+05 RT "WSV"

CHANGE ELEVATION SEWER MAN HOLES
STA. 175+50 RT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 171+75 - STA. 177+50 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)
STA. 175+34 RT (EDGELINES TH #42)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 171+75 - STA. 177+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 172+29 RT (CENTERLINE TH #92)
STA. 175+34 RT (CENTERLINE TH #42)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 171+75 - STA. 177+50 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)
STA. 175+34 RT (EDGELINES TH #42)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 171+75 - STA. 177+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 172+29 RT (CENTERLINE TH #92)
STA. 175+34 RT (CENTERLINE TH #42)

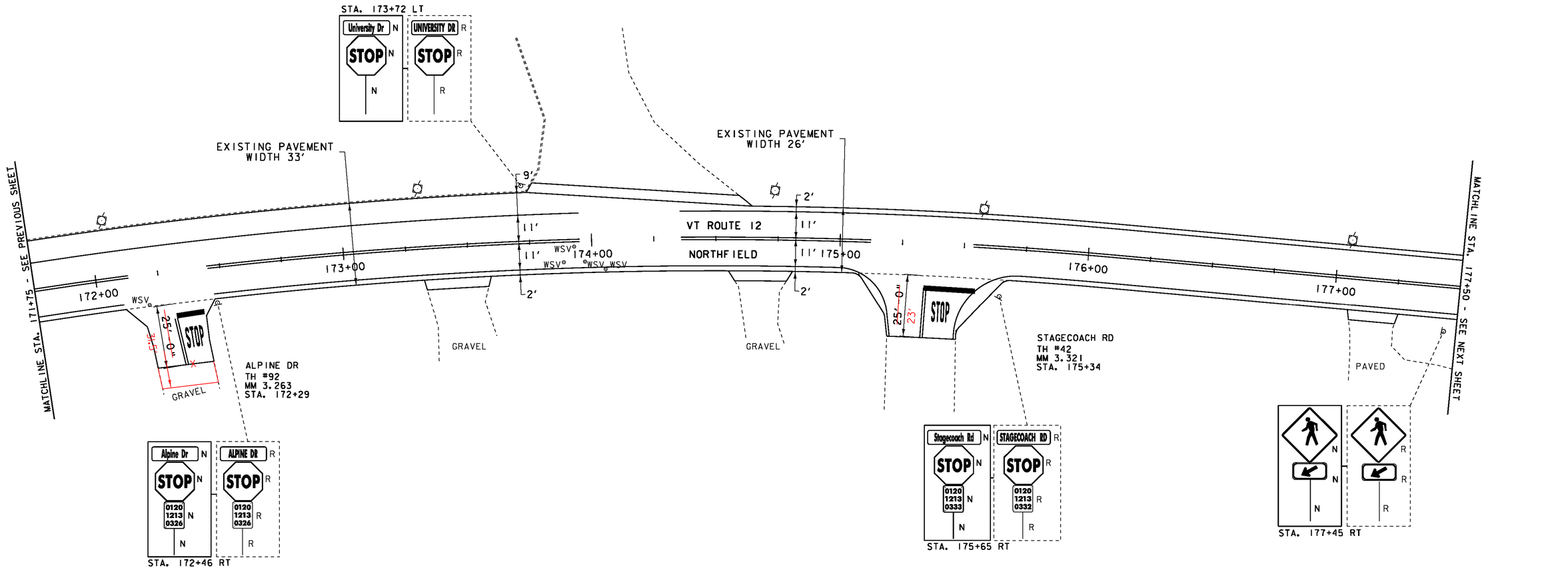
DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 172+30 - STA. 172+41 RT
STA. 175+36 - STA. 175+61 RT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 172+30 - STA. 172+41 RT
STA. 175+36 - STA. 175+61 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 172+36 RT "STOP"
STA. 175+42 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 172+36 RT "STOP"
STA. 175+42 RT "STOP"

REMOVING SIGNS
AS SHOWN - 10



LEGEND

SIGN		LIGHT POLE	
HYDRANT		EX. DETECTABLE WARNINGS	
MANHOLE		JUNCTION BOX	
VALVE		PED BUTTON	
GAS PIPELINE MARKER		ELECTRICAL BOX	
CATCH BASIN / DROP INLET		SIGNAL	
CURB INLET		PEDESTAL POST	
TRAFFIC CONTROL BOX		STRAIN POLE	
PARKING METER		CAMERA	
UTILITY POLE	VDZ	VIDEO DETECTION ZONE	
DETECTABLE WARNINGS			

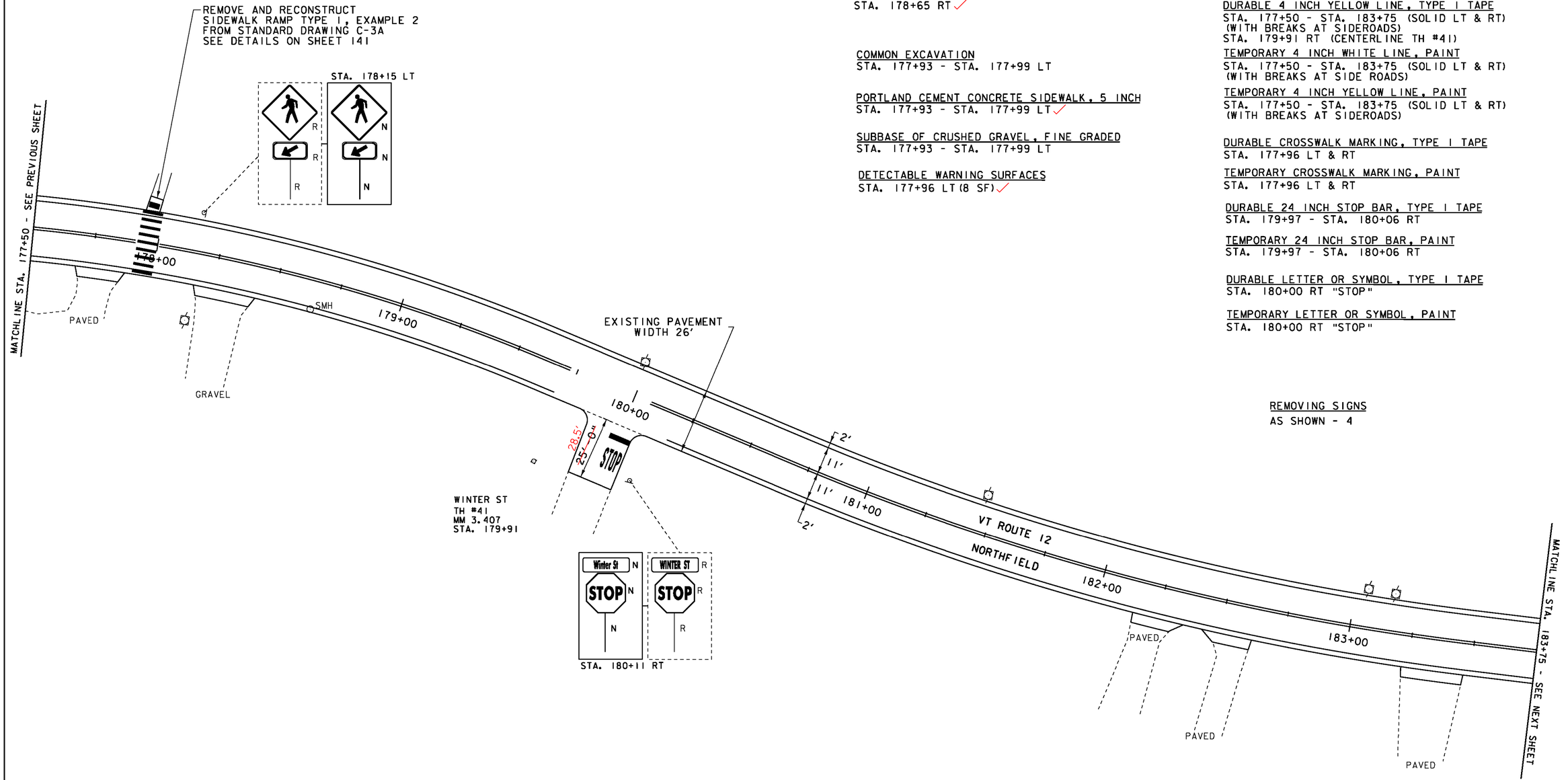
SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

NOT TO SCALE

PROJECT LAYOUT SHEET 40

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_59.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 59 OF 149



CHANGING ELEVATION OF SEWER MANHOLES
STA. 178+65 RT ✓

COMMON EXCAVATION
STA. 177+93 - STA. 177+99 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 177+93 - STA. 177+99 LT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 177+93 - STA. 177+99 LT

DETECTABLE WARNING SURFACES
STA. 177+96 LT (8 SF) ✓

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 177+50 - STA. 183+75 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 177+50 - STA. 183+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 179+91 RT (CENTERLINE TH #41)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 177+50 - STA. 183+75 (SOLID LT & RT)
(WITH BREAKS AT SIDE ROADS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 177+50 - STA. 183+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 177+96 LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 177+96 LT & RT

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 179+97 - STA. 180+06 RT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 179+97 - STA. 180+06 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 180+00 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 180+00 RT "STOP"

REMOVING SIGNS
AS SHOWN - 4

LEGEND

	SIGN		LIGHT POLE
	HYDRANT		EX. DETECTABLE WARNINGS
	MANHOLE		JUNCTION BOX
	VALVE		PED BUTTON
	GAS PIPELINE MARKER		ELECTRICAL BOX
	CATCH BASIN / DROP INLET		SIGNAL
	CURB INLET		PEDESTAL POST
	TRAFFIC CONTROL BOX		STRAIN POLE
	PARKING METER		CAMERA
	UTILITY POLE	VDZ	VIDEO DETECTION ZONE
	DETECTABLE WARNINGS		

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 41

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
SJL
PLOT FILE: p10C246_60.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

ADJUST ELEVATION OF VALVE BOX
STA. 184+36 RT "WSV"

CHANGING ELEVATION OF SEWER MANHOLES
STA. ~~184+67 RT~~ 184+67 RT
STA. 187+57 CL

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 183+75 - STA. 189+25 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 183+75 - STA. 189+25 (SOLID LT & RT)

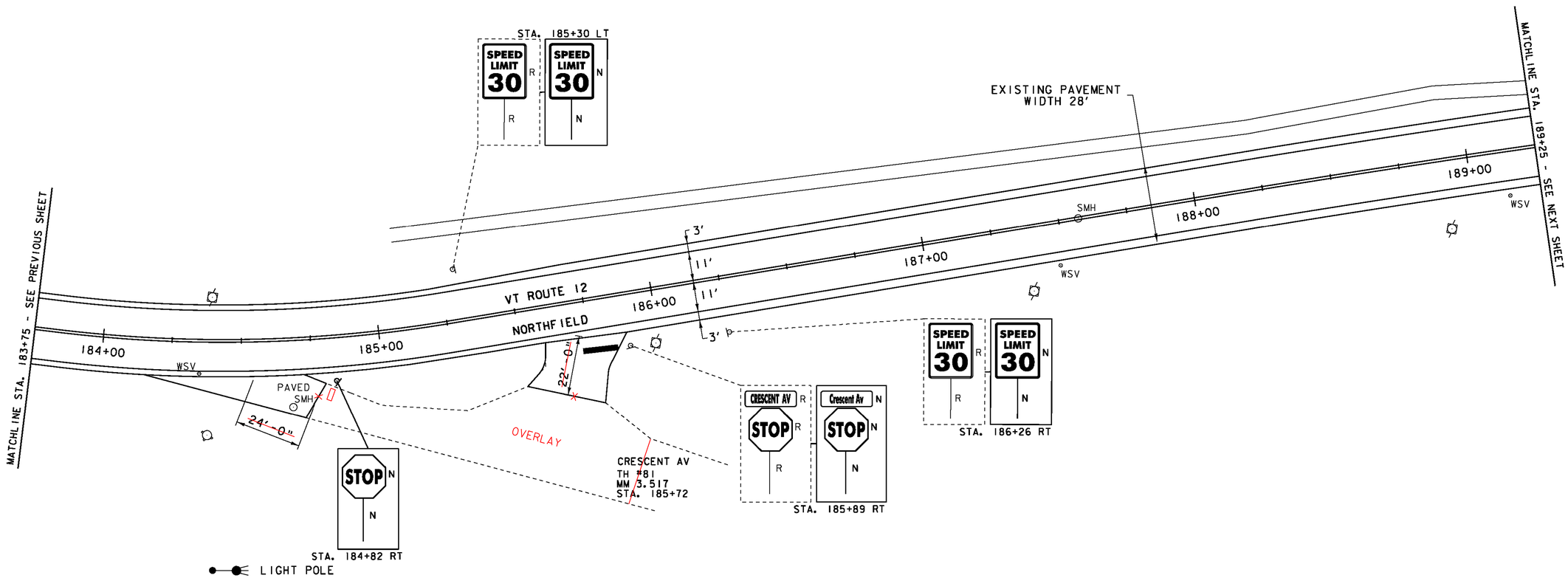
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 183+75 - STA. 189+25 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 183+75 - STA. 189+25 (SOLID LT & RT)

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 185+71 - STA. 185+83 RT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 185+71 - STA. 185+83 RT

REMOVING SIGNS
AS SHOWN - 4



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 42

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_61.1
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 61 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 189+93 LT ✓
STA. 190+51 LT ✓
STA. 191+28 RT ✓
STA. 191+31 LT ✓

STA. 194+35 LT SPRING ST

CHANGING ELEVATION OF SEWER MANHOLES

STA. 190+92 RT ✓
STA. 192+57 CL ✓
STA. 194+65 CL ✓

ADJUST ELEVATION OF VALVE BOX

STA. 190+05 LT "WSV"
STA. 190+31 LT "WSV"
STA. 190+25 LT "WSV"
STA. 192+02 RT "WSV"
STA. 192+10 RT "WSV"
STA. 192+88 LT "WSV"
STA. 194+40 RT "WSV"
STA. 194+68 LT "WSV"

COMMON EXCAVATION

STA. 189+98 - STA. 190+05 LT
STA. 190+00 - STA. 190+05 RT
STA. 190+41 - STA. 190+47 LT
STA. 192+51 - STA. 192+59 LT
STA. 192+91 - STA. 192+96 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 189+98 - STA. 190+05 LT ✓
STA. 190+00 - STA. 190+05 RT ✓
STA. 190+41 - STA. 190+47 LT ✓
STA. 192+51 - STA. 192+59 LT
STA. 192+91 - STA. 192+96 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

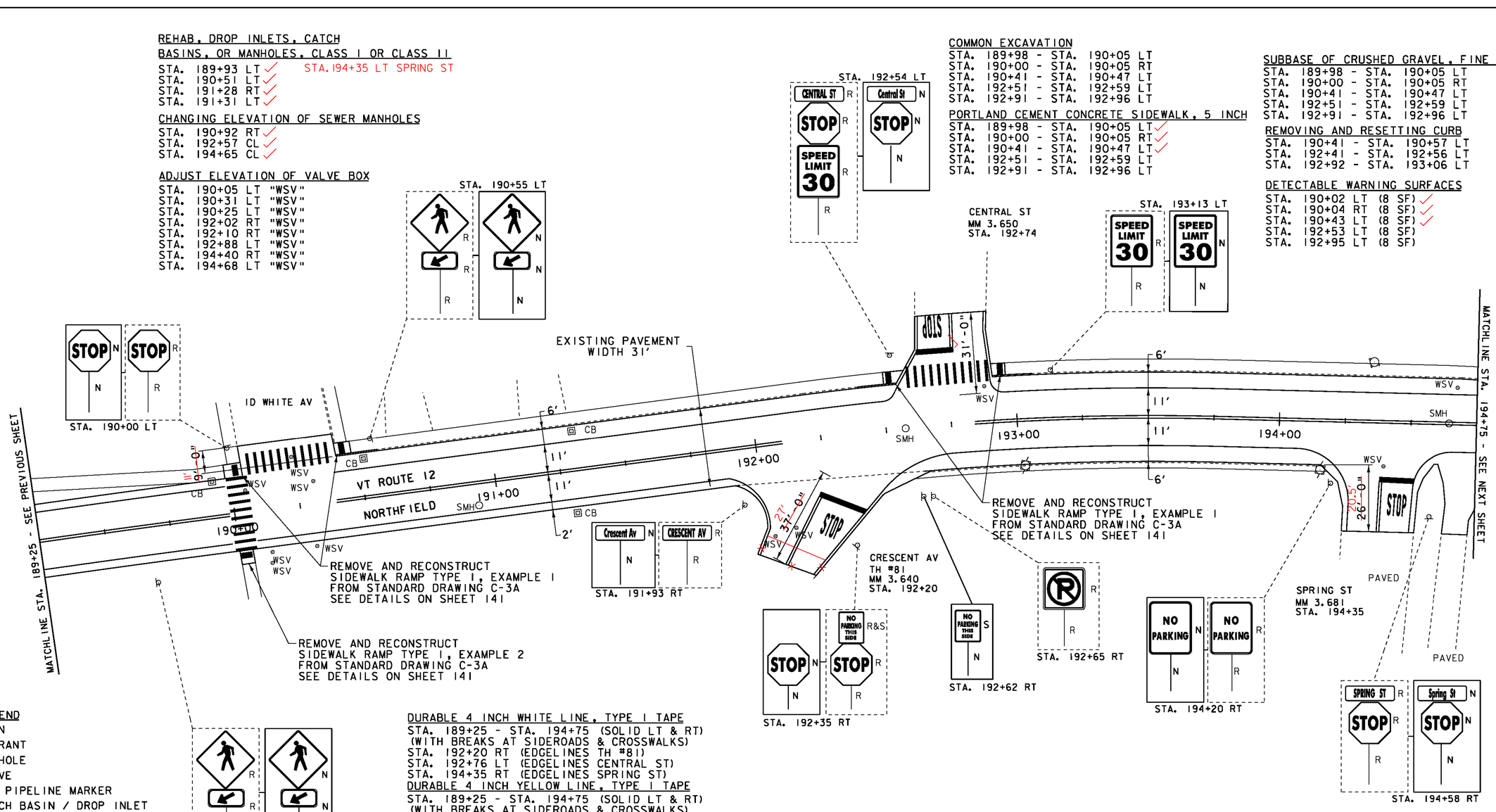
STA. 189+98 - STA. 190+05 LT
STA. 190+00 - STA. 190+05 RT
STA. 190+41 - STA. 190+47 LT
STA. 192+51 - STA. 192+59 LT
STA. 192+91 - STA. 192+96 LT

REMOVING AND RESETTING CURB

STA. 190+41 - STA. 190+57 LT
STA. 192+41 - STA. 192+56 LT
STA. 192+92 - STA. 193+06 LT

DETECTABLE WARNING SURFACES

STA. 190+02 LT (8 SF) ✓
STA. 190+04 RT (8 SF) ✓
STA. 190+43 LT (8 SF) ✓
STA. 192+53 LT (8 SF)
STA. 192+95 LT (8 SF)



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- DETECTABLE WARNINGS

SIGN LEGEND

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

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 189+25 - STA. 194+75 (SOLID LT & RT) (WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 192+20 RT (EDGELINES TH #81)
STA. 192+76 LT (EDGELINES CENTRAL ST)
STA. 194+35 RT (EDGELINES SPRING ST)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 189+25 - STA. 194+75 (SOLID LT & RT) (WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 192+20 RT (CENTERLINE TH #81)
STA. 192+76 LT (CENTERLINE CENTRAL ST)
STA. 194+35 RT (CENTERLINE SPRING ST)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 189+25 - STA. 194+75 (SOLID LT & RT) (WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 192+20 RT (EDGELINES TH #81)
STA. 192+76 LT (EDGELINES CENTRAL ST)
STA. 194+35 RT (EDGELINES SPRING ST)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 189+25 - STA. 194+75 (SOLID LT & RT) (WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 192+20 RT (CENTERLINE TH #81)
STA. 192+76 LT (CENTERLINE CENTRAL ST)
STA. 194+35 RT (CENTERLINE SPRING ST)

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 192+21 - STA. 192+40 RT
STA. 192+63 - STA. 192+78 LT
STA. 194+38 - STA. 194+53 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 192+21 - STA. 192+40 RT
STA. 192+63 - STA. 192+78 LT
STA. 194+38 - STA. 194+53 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 192+25 RT "STOP"
STA. 192+70 LT "STOP"
STA. 194+46 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 192+25 RT "STOP"
STA. 192+70 LT "STOP"
STA. 194+46 RT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 190+02 LT & RT
STA. 190+07 - STA. 190+38 LT
STA. 192+60 - STA. 192+91 LT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 190+02 LT & RT
STA. 190+07 - STA. 190+38 LT
STA. 192+60 - STA. 192+91 LT

ERECTING SALVAGED SIGNS

AS SHOWN - 1

REMOVING SIGNS

AS SHOWN - 16

PROJECT LAYOUT SHEET 43

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_62.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 62 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 195+26 LT ✓
STA. 195+26 RT ✓
STA. 198+25 LT ✓
STA. 198+26 RT ✓
STA. 199+56 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 196+46 CL ✓
STA. 198+96 CL ✓
STA. 199+81 RT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 199+71 CL

COMMON EXCAVATION

STA. 194+80 - STA. 194+88 RT
STA. 199+55 - STA. 199+61 RT
STA. 199+97 - STA. 200+05 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 194+80 - STA. 194+88 RT ✓
STA. 199+55 - STA. 199+61 RT ✓
STA. 199+97 - STA. 200+05 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 194+80 - STA. 194+88 RT
STA. 199+55 - STA. 199+61 RT
STA. 199+97 - STA. 200+05 RT

REMOVING AND RESETTING CURB

STA. 194+83 - STA. 194+98 RT
STA. 199+45 - STA. 199+60 RT
STA. 199+99 - STA. 200+15 RT

DETECTABLE WARNING SURFACES

STA. 194+84 RT (8 SF) ✓
STA. 199+56 RT (8 SF) ✓ — LISTED AS 199+58 IN SITE MGR.
STA. 200+01 RT (8 SF) ✓ — LISTED AS 200+00 IN SITE MGR.

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 194+75 - STA. 200+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 199+78 RT (EDGELINES NORIDGE DR)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 194+75 - STA. 200+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 199+78 RT (CENTERLINE NORIDGE DR)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 199+43 - STA. 199+59 (HATCH RT)
STA. 199+98 - STA. 200+16 (HATCH RT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 194+75 - STA. 200+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 199+78 RT (EDGELINES NORIDGE DR)

TEMPORARY 4 INCH YELLOW LINE, PAINT

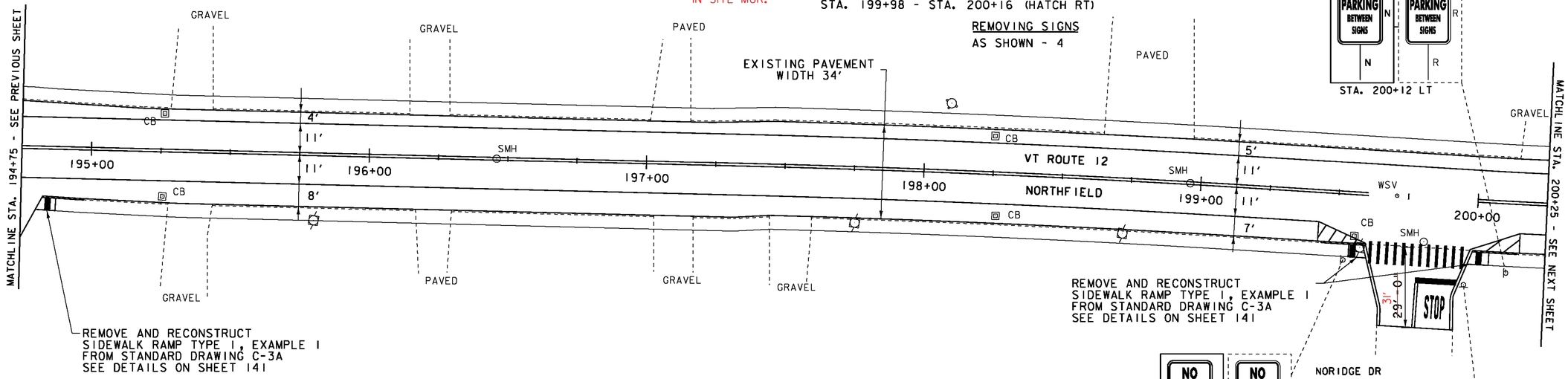
STA. 194+75 - STA. 200+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 199+78 RT (CENTERLINE NORIDGE DR)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 199+43 - STA. 199+59 (HATCH RT)
STA. 199+98 - STA. 200+16 (HATCH RT)

REMOVING SIGNS

AS SHOWN - 4



DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 199+61 - STA. 199+94 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 199+61 - STA. 199+94 RT

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 199+79 - STA. 199+94 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 199+79 - STA. 199+94 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 199+87 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 199+87 RT "STOP"

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- PARKING METER
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 44

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_63.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 63 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 204+09 RT ✓
STA. 204+55 LT ✓
STA. 205+39 LT ✓
STA. 205+44 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 201+02 RT ✓ STA. 204+80 CL
STA. 202+24 LT

ADJUST ELEVATION OF VALVE BOX

STA. 200+97 LT
STA. 201+20 CL

COMMON EXCAVATION

STA. 200+79 - STA. 200+86 RT
STA. 200+82 - STA. 200+87 LT
STA. 201+08 - STA. 201+13 LT
STA. 204+74 - STA. 204+80 LT
STA. 204+98 - STA. 205+04 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 200+79 - STA. 200+86 RT ✓
STA. 200+82 - STA. 200+87 LT ✓
STA. 201+08 - STA. 201+13 LT ✓
STA. 204+74 - STA. 204+80 LT ✓
STA. 204+98 - STA. 205+04 LT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 200+79 - STA. 200+86 RT
STA. 200+82 - STA. 200+87 LT
STA. 201+08 - STA. 201+13 LT
STA. 204+74 - STA. 204+80 LT
STA. 204+98 - STA. 205+04 LT

REMOVING AND RESETTING CURB

STA. 200+70 - STA. 200+86 RT
STA. 200+72 - STA. 200+87 LT
STA. 201+08 - STA. 201+23 LT
STA. 204+64 - STA. 204+80 LT
STA. 204+99 - STA. 205+14 LT

DETECTABLE WARNING SURFACES

STA. ~~200+83~~ RT (8 SF) ✓ 200+81
STA. 200+84 LT (8 SF) ✓ 201+10
STA. ~~201+11~~ LT (8 SF) ✓
STA. 204+77 LT (8 SF)
STA. ~~205+02~~ LT (8 SF) 205+01

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 200+25 - STA. 205+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 200+25 - STA. 205+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 200+25 - STA. 205+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS AND CROSSWALKS)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 200+25 - STA. 205+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 200+58 - STA. 200+78 (HATCH RT)

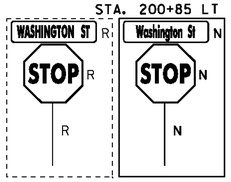
TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 200+58 - STA. 200+78 (HATCH RT)

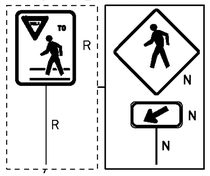
REMOVING SIGNS

AS SHOWN - 8

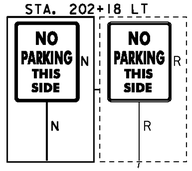
STA. 200+85 LT



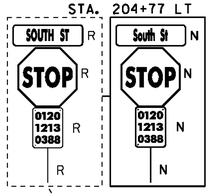
STA. 201+15 LT

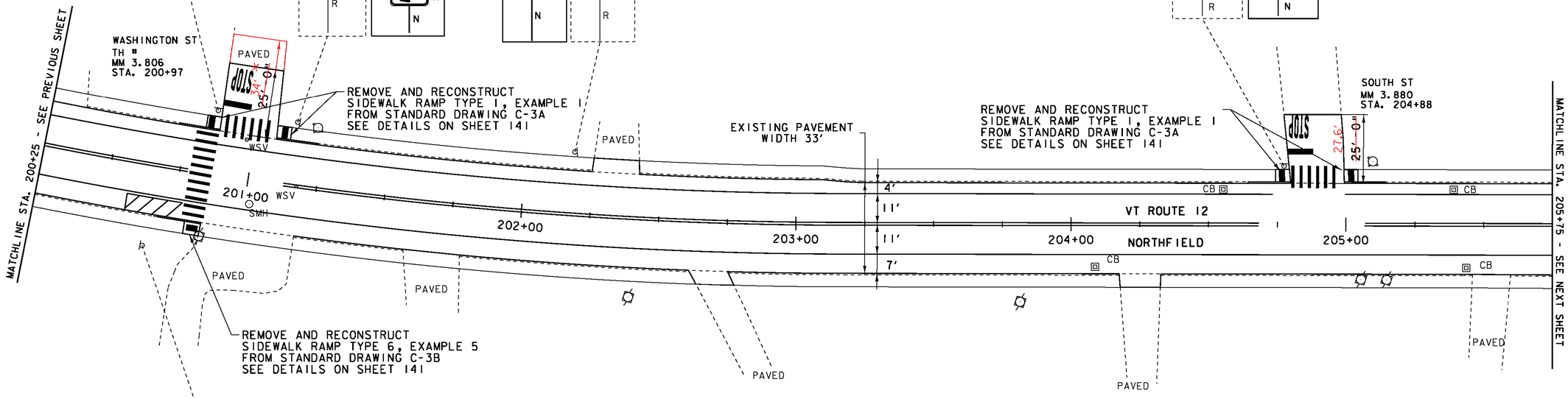


STA. 202+18 LT

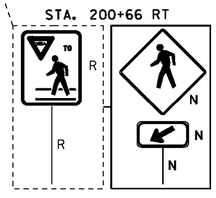


STA. 204+77 LT





STA. 200+66 RT



DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 200+96 LT "STOP"
STA. 204+83 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 200+96 LT "STOP"
STA. 204+83 LT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 200+83 LT & RT
STA. 200+89 - STA. 201+07 LT
STA. 204+80 - STA. 204+97 LT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 200+83 LT & RT
STA. 200+89 - STA. 201+07 LT
STA. 204+80 - STA. 204+97 LT

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 200+88 - STA. 200+97 LT
STA. 204+80 - STA. 204+88 LT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 200+88 - STA. 200+97 LT
STA. 204+80 - STA. 204+88 LT

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 45

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_64.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 64 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 206+97 RT ✓
STA. 207+05 LT ✓
STA. 208+53 LT ✓
STA. 208+68 RT ✓
STA. 208+80 RT ✓
STA. 209+00 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 208+92 CL ✓

ADJUST ELEVATION OF VALVE BOX

STA. 209+14 LT
STA. 209+75 LT
STA. 209+80 RT

COMMON EXCAVATION

STA. 208+63 - STA. 208+69 LT
STA. 208+65 - STA. 208+70 RT
STA. 209+05 - STA. 209+10 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 208+63 - STA. 208+69 LT ✓
STA. 208+65 - STA. 208+70 RT ✓
STA. 209+05 - STA. 209+10 RT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 208+63 - STA. 208+69 LT
STA. 208+65 - STA. 208+70 RT
STA. 209+05 - STA. 209+10 RT

REMOVING AND RESETTING CURB

STA. 208+53 - STA. 208+79 LT
STA. 208+55 - STA. 208+70 RT
STA. 209+07 - STA. 209+21 RT

DETECTABLE WARNING SURFACES

STA. ~~208+68~~ LT (8 SF) ✓ 208+67
STA. ~~208+70~~ RT (8 SF) ✓ 208+68
STA. ~~209+08~~ RT (8 SF) ✓ 209+07

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 205+75 - STA. 211+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 208+87 RT (EDGELINES PROSPECT ST)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 205+75 - STA. 211+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 208+87 RT (CENTERLINE PROSPECT ST)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 205+75 - STA. 211+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 208+87 RT (EDGELINES PROSPECT ST)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 205+75 - STA. 211+25 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 208+87 RT (CENTERLINE PROSPECT ST)

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 208+87 - STA. 209+00 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 208+87 - STA. 209+00 RT

REMOVING SIGNS

AS SHOWN - 7

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 208+91 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

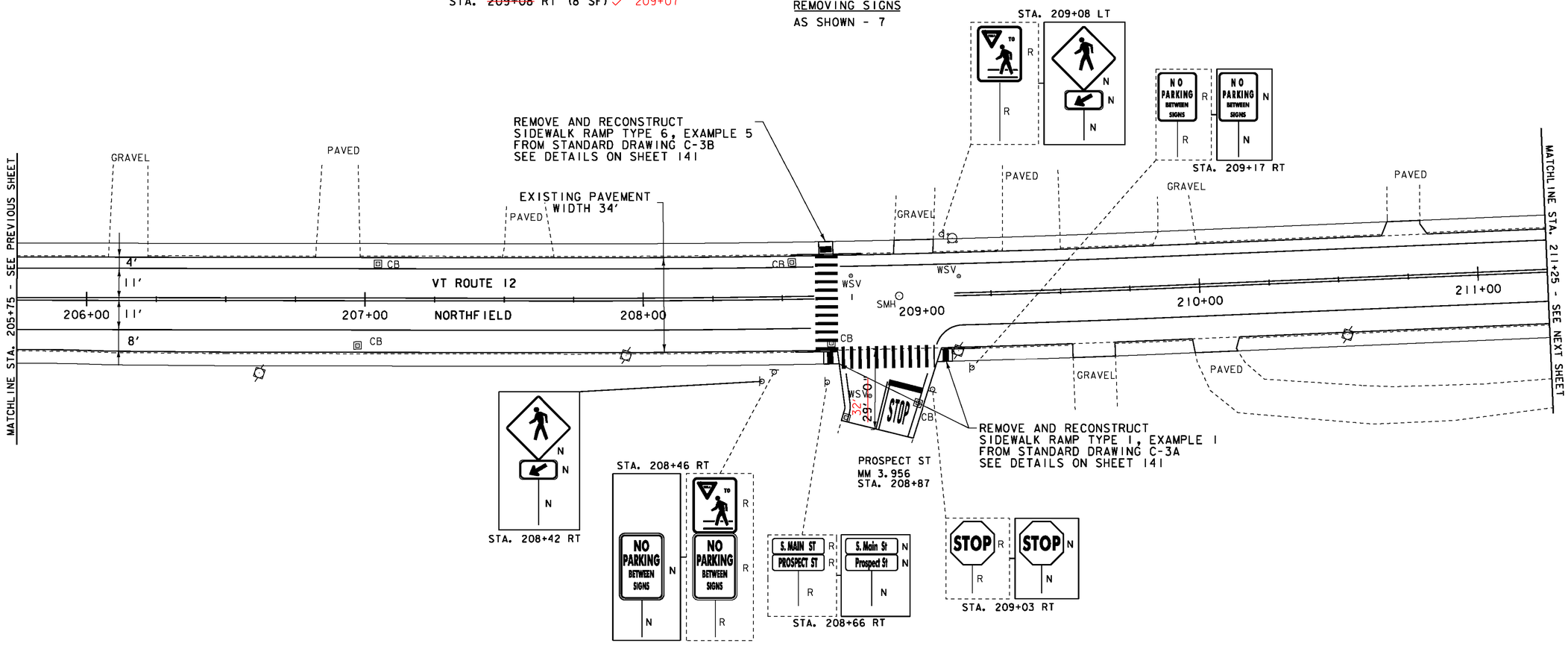
STA. 208+91 RT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 208+66 LT & RT
STA. 208+71 - STA. 209+04 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 208+66 LT & RT
STA. 208+71 - STA. 209+04 RT



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- PARKING METER
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 46

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_65.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 65 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 211+69 RT
STA. 211+83 LT
STA. 214+96 RT
STA. 215+31 RT
STA. 215+68 LT

CHANGING ELEVATION OF SEWER MANHOLES

STA. 212+18 CL
STA. 215+30 CL

ADJUST ELEVATION OF VALVE BOX

STA. 211+94 CL
STA. 212+02 LT
STA. 215+10 RT
STA. 215+13 CL
STA. 215+36 LT

COMMON EXCAVATION

STA. 211+80 - STA. 211+83 RT
STA. 212+12 - STA. 212+19 RT
STA. 214+95 - STA. 215+02 RT
STA. 215+36 - STA. 215+42 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 211+80 - STA. 211+83 RT
STA. 212+12 - STA. 212+19 RT
STA. 214+95 - STA. 215+02 RT
STA. 215+36 - STA. 215+42 RT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED

STA. 211+80 - STA. 211+83 RT
STA. 212+12 - STA. 212+19 RT
STA. 214+95 - STA. 215+02 RT
STA. 215+36 - STA. 215+42 RT

REMOVING AND RESETTING CURB

STA. 211+70 - STA. 211+83 RT
STA. 212+15 - STA. 212+30 RT
STA. 214+85 - STA. 215+02 RT
STA. 215+38 - STA. 215+53 RT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 211+25 - STA. 216+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 211+94 RT (EDGELINES ELM ST)
STA. 215+17 RT (EDGELINES SLATE AV)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 211+25 - STA. 216+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 211+94 RT (CENTERLINE ELM ST)
STA. 215+17 RT (CENTERLINE SLATE AV)

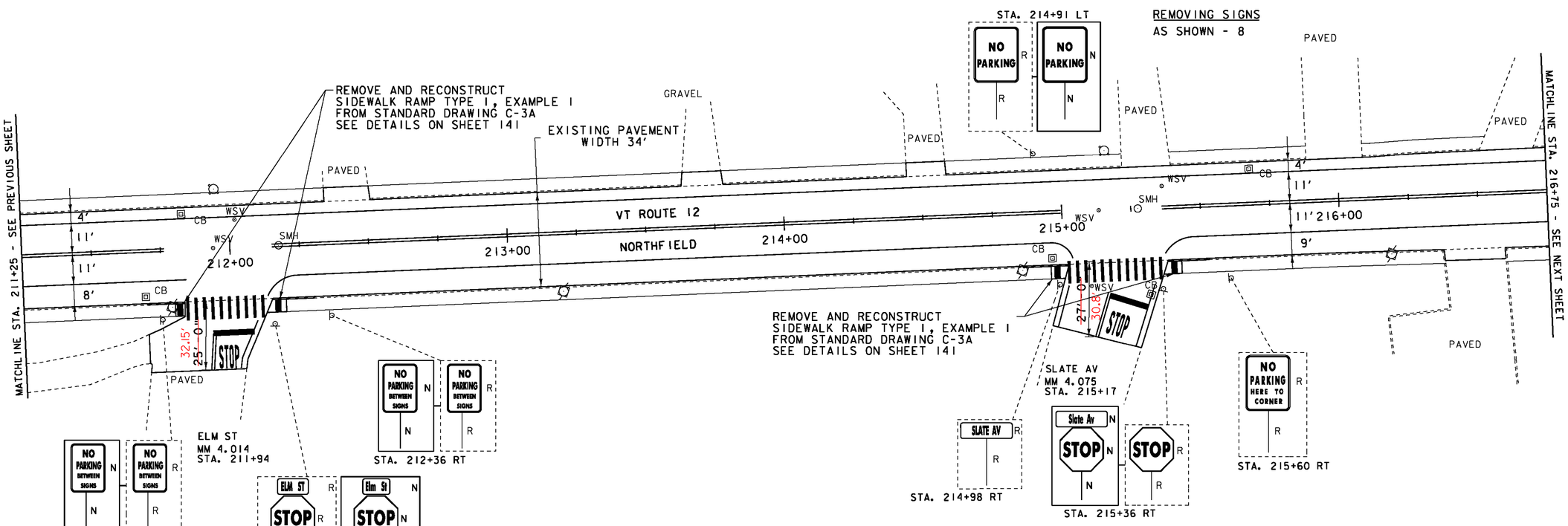
TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 211+25 - STA. 216+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 211+94 RT (EDGELINES ELM ST)
STA. 215+17 RT (EDGELINES SLATE AV)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 211+25 - STA. 216+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 211+94 RT (CENTERLINE ELM ST)
STA. 215+17 RT (CENTERLINE SLATE AV)

REMOVING SIGNS
AS SHOWN - 8



DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 211+94 - STA. 212+09 RT
STA. 215+16 - STA. 215+34 RT

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 211+94 - STA. 212+09 RT
STA. 215+16 - STA. 215+34 RT

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 212+00 RT "STOP"
STA. 215+23 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 212+00 RT "STOP"
STA. 215+23 RT "STOP"

DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 211+84 - STA. 212+12 RT
STA. 215+02 - STA. 215+36 RT

TEMPORARY CROSSWALK MARKING, PAINT

STA. 211+84 - STA. 212+12 RT
STA. 215+02 - STA. 215+36 RT

DETECTABLE WARNING SURFACES

STA. 211+81 RT (8 SF)
STA. ~~212+16~~ RT (8 SF) 212+15
STA. ~~214+98~~ RT (8 SF) 214+97
STA. ~~215+40~~ RT (8 SF) 215+39

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 47

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_66.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

COMMON EXCAVATION
STA. 217+23 - STA. 217+30 RT
STA. 219+44 - STA. 219+49 LT
STA. 219+78 - STA. 219+85 LT
STA. 220+25 - STA. 220+37 RT
STA. 220+27 - STA. 220+32 LT
STA. 220+81 - STA. 220+89 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 217+23 - STA. 217+30 RT ✓
STA. 219+44 - STA. 219+49 LT ✓
STA. 219+78 - STA. 219+85 LT ✓
STA. 220+25 - STA. 220+37 RT ✓
STA. 220+27 - STA. 220+32 LT ✓
STA. 220+81 - STA. 220+89 RT ✓
NOT DONE, PROPOSED SIDEWALK PROJECT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 217+23 - STA. 217+30 RT
STA. 219+44 - STA. 219+49 LT
STA. 219+78 - STA. 219+85 LT
STA. 220+25 - STA. 220+37 RT
STA. 220+27 - STA. 220+32 LT
STA. 220+81 - STA. 220+89 RT

REMOVING AND RESETTING CURB
STA. 217+13 - STA. 217+30 RT
STA. 219+43 - STA. 219+50 LT
STA. 219+77 - STA. 219+85 LT
STA. 220+26 - STA. 220+42 LT
STA. 220+79 - STA. 220+83 RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 219+03 CL
STA. 220+24 LT LISTED AS 220+22 LT
STA. 221+59 RT

NOTHING THERE

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 1, EXAMPLE 2 FROM STANDARD DRAWING C-3A SEE DETAILS ON SHEET 141

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 5, EXAMPLE 2 FROM STANDARD DRAWING C-3A SEE DETAILS ON SHEET 141

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 1, EXAMPLE 1 FROM STANDARD DRAWING C-3A SEE DETAILS ON SHEET 141

REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 5 FROM STANDARD DRAWING C-3B SEE DETAILS ON SHEET 141

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 218+08 RT ✓
STA. 218+77 LT ✓
STA. 220+20 RT ✓
STA. 220+24 LT ✓
STA. 220+52 RT ✓
STA. 220+82 RT ✓
STA. 220+82 LT ✓
STA. 220+99 RT ✓
STA. 221+73 LT ✓
STA. 222+16 RT ✓

CHANGING ELEVATION OF DROP INLETS, CATCH BASINS OR MANHOLES
STA. 220+23 LT "DMH" → LISTED AS 220+20 LT
STA. 220+25 LT "DMH" → GRADE OK, NO WORK

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 218+92 RT HANDICAP SYMBOL
STA. 220+57 RT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 218+92 RT HANDICAP SYMBOL
STA. 220+57 RT "STOP"

ADJUST ELEVATION OF VALVE BOX
STA. 219+06 LT
STA. 219+12 LT
STA. 219+13 LT
STA. 219+23 CL
STA. 222+50 LT

DETECTABLE WARNING SURFACES
STA. 217+26 RT (8 SF) ✓
STA. 219+47 LT (8 SF) ✓
STA. 219+80 LT (8 SF) ✓
STA. 220+28 RT (8 SF) ✓
STA. 220+30 LT (12 SF) ← NOT DONE DUE TO PROPOSED SW PROJECT
STA. 220+34 RT (8 SF) ✓
STA. 220+83 RT (8 SF) ✓

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 216+75 - STA. 219+07 (SOLID LT)
STA. 216+75 - STA. 217+30 (SOLID RT)
STA. 219+06 - STA. 220+17 (PARKING RT)
STA. 221+92 - STA. 222+50 (SOLID LT)
STA. 221+94 - STA. 222+10 (PARKING RT)

TEMPORARY 8 INCH WHITE LINE, PAINT
STA. 217+04 - STA. 217+30 (HATCH RT)
STA. 218+50 - STA. 218+91 (HATCH RT)
STA. 218+96 - STA. 219+13 (HATCH RT)
STA. 220+10 - STA. 220+23 (HATCH RT)
STA. 220+33 - STA. 220+48 (HATCH LT)
STA. 220+64 - STA. 220+80 (HATCH RT)
STA. 220+90 - STA. 221+11 (HATCH LT)
STA. 221+01 - STA. 221+16 (HATCH RT)
STA. 221+46 - STA. 222+06 (HATCH LT)
STA. 221+60 - STA. 221+66 (HATCH RT)
STA. 221+74 - STA. 221+91 (HATCH RT)
STA. 222+14 - STA. 222+27 (HATCH RT)
STA. 222+41 - STA. 222+46 (HATCH RT)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE
STA. 217+04 - STA. 217+30 (HATCH RT)
STA. 218+50 - STA. 218+91 (HATCH RT)
STA. 218+96 - STA. 219+13 (HATCH RT)
STA. 220+10 - STA. 220+23 (HATCH RT)
STA. 220+33 - STA. 220+48 (HATCH LT)
STA. 220+64 - STA. 220+80 (HATCH RT)
STA. 220+90 - STA. 221+11 (HATCH LT)
STA. 221+01 - STA. 221+16 (HATCH RT)
STA. 221+46 - STA. 222+06 (HATCH LT)
STA. 221+60 - STA. 221+66 (HATCH RT)
STA. 221+74 - STA. 221+91 (HATCH RT)
STA. 222+14 - STA. 222+27 (HATCH RT)
STA. 222+41 - STA. 222+46 (HATCH RT)

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 219+06 - STA. 219+41 LT
STA. 220+50 - STA. 220+76 RT

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 216+75 - STA. 222+50 (SOLID LT & RT) (WITH BREAKS AT SIDEROADS)
STA. 220+52 RT (CENTERLINE EAST ST)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 216+75 - STA. 222+50 (SOLID LT & RT) (WITH BREAKS AT SIDEROADS)
STA. 220+52 RT (CENTERLINE EAST ST)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 219+06 - STA. 219+41 LT
STA. 220+50 - STA. 220+76 RT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 216+75 - STA. 219+07 (SOLID LT)
STA. 216+75 - STA. 217+30 (SOLID RT)
STA. 219+06 - STA. 220+17 (PARKING RT)
STA. 221+92 - STA. 222+50 (SOLID LT)
STA. 221+94 - STA. 222+10 (PARKING RT)

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 219+03 - STA. 219+44 LT
STA. 219+80 - STA. 220+26 LT
STA. 220+28 LT & RT
STA. 220+37 - STA. 220+81 RT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 219+03 - STA. 219+44 LT
STA. 219+80 - STA. 220+26 LT
STA. 220+28 LT & RT
STA. 220+37 - STA. 220+81 RT

ERECTING SALVAGED SIGNS
AS SHOWN - 2

REMOVING SIGNS
AS SHOWN - 27

LEGEND
SIGN
HYDRANT
MANHOLE
VALVE
GAS PIPELINE MARKER
CATCH BASIN / DROP INLET
CURB INLET
TRAFFIC CONTROL BOX
PARKING METER
UTILITY POLE
PARKING METER
LIGHT POLE
EX. DETECTABLE WARNINGS
JUNCTION BOX
PED BUTTON
ELECTRICAL BOX
SIGNAL
PEDESTAL POST
STRAIN POLE
CAMERA
VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 48

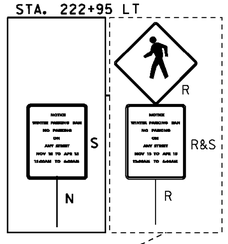
PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)
FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_67.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 67 OF 149

CHANGE DI, CB OR MANHOLES
STA. 226+40 RT

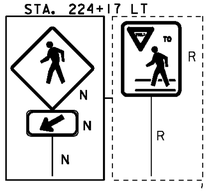
REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 222+55 RT ✓
STA. 222+64 LT ✓
STA. 222+80 RT ✓
STA. 222+89 LT ✓
STA. 224+57 RT ✓
STA. 224+60 LT ✓
STA. 226+60 LT ✓
STA. 226+62 RT ✓
STA. 227+31 RT ✓

ADJUST ELEVATION OF VALVE BOX
STA. 224+54 LT
STA. 227+10 LT
STA. 227+15 LT
STA. 227+39 LT
STA. 227+55 CL

STA. 222+95 LT



STA. 224+17 LT



COMMON EXCAVATION
STA. 224+07 - STA. 224+12 RT
STA. 224+08 - STA. 224+13 LT
STA. 227+11 - STA. 227+20 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 224+07 - STA. 224+12 RT ← NOT DONE PER R.E.
STA. 224+08 - STA. 224+13 LT ✓
STA. 227+11 - STA. 227+20 LT ✓

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 224+07 - STA. 224+12 RT
STA. 224+08 - STA. 224+13 LT
STA. 227+11 - STA. 227+20 LT

REMOVING AND RESETTING CURB
STA. 223+97 - STA. 224+22 RT
STA. 223+99 - STA. 224+24 LT
STA. 227+04 - STA. 227+26 LT
STA. 227+69 - STA. 227+75 LT
STA. 227+70 - STA. 227+75 RT

DETECTABLE WARNING SURFACES
STA. 224+10 RT (8 SF) ← NOT DONE PER R.E.
STA. 224+11 LT (8 SF) ✓
STA. 227+16 LT (8 SF) ✓

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 222+50 - STA. 227+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 227+44 LT (CENTERLINE WATER ST)

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 222+50 - STA. 227+25 (SOLID RT)
STA. 222+50 - STA. 227+75 (SOLID LT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 227+44 LT (EDGELINES WATER ST)

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 222+50 - STA. 227+25 (SOLID RT)
STA. 222+50 - STA. 227+75 (SOLID LT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 227+44 LT (EDGELINES WATER ST)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE
STA. 222+63 - STA. 222+78 (HATCH RT)
STA. 223+83 - STA. 224+04 (HATCH RT)
STA. 224+51 - STA. 224+72 (HATCH LT)
STA. 226+85 - STA. 227+14 (HATCH LT)

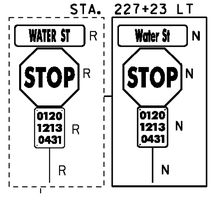
TEMPORARY 8 INCH WHITE LINE, PAINT
STA. 222+63 - STA. 222+78 (HATCH RT)
STA. 223+83 - STA. 224+08 (HATCH RT)
STA. 224+51 - STA. 224+72 (HATCH LT)
STA. 226+85 - STA. 227+14 (HATCH LT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 222+50 - STA. 227+75 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 227+44 LT (CENTERLINE WATER ST)

ERECTING SALVAGED SIGNS
AS SHOWN - 1

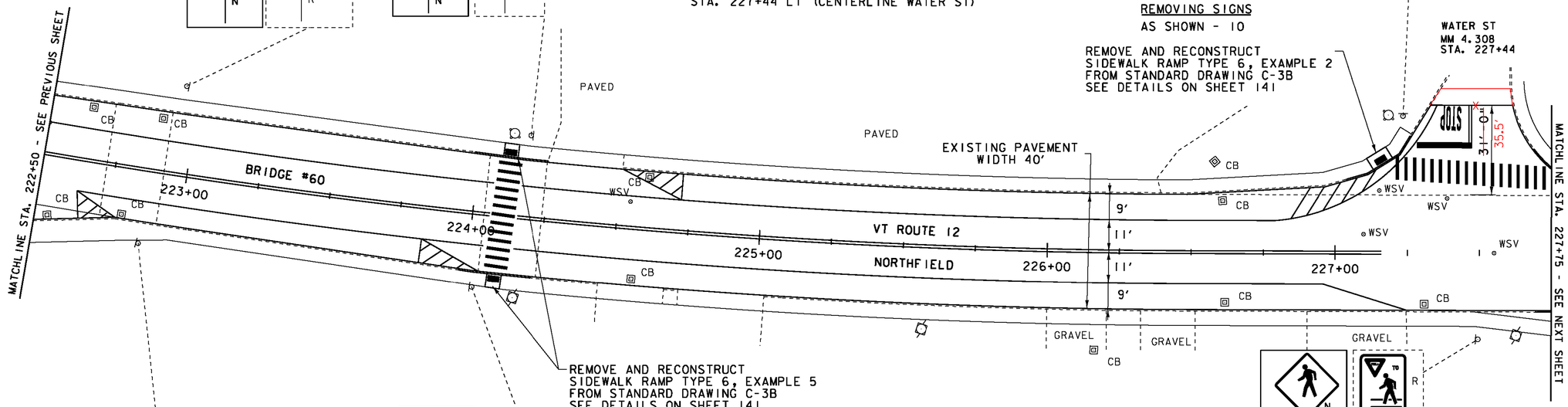
REMOVING SIGNS
AS SHOWN - 10

STA. 227+23 LT



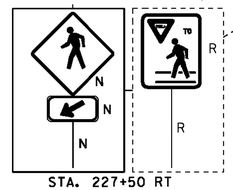
WATER ST
MM 4.308
STA. 227+44

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 2
FROM STANDARD DRAWING C-3B
SEE DETAILS ON SHEET 141

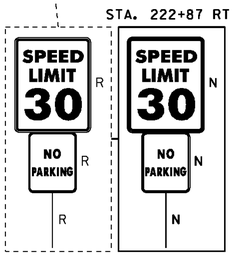


REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 5
FROM STANDARD DRAWING C-3B
SEE DETAILS ON SHEET 141

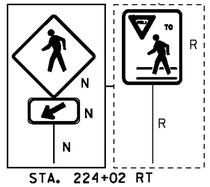
STA. 227+50 RT



STA. 222+87 RT



STA. 224+02 RT



DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 224+11 LT & RT
STA. 227+21 - STA. 227+73 LT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 224+11 LT & RT
STA. 227+21 - STA. 227+73 LT

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 227+40 LT "STOP"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 227+40 LT "STOP"

DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 227+26 - STA. 227+49 LT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 227+26 - STA. 227+49 LT

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- DETECTABLE WARNINGS

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

PROJECT LAYOUT SHEET 49

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_68.1
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 68 OF 149

CHANGE DI, CB OR MANHOLES
STA. 226+40 RT

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 228+07 RT ✓ STA. 231+27 RT ✓
STA. 228+09 LT ✓ STA. 231+27 LT ✓
STA. 229+57 LT ✓ STA. 232+39 LT ✓
STA. 229+59 RT ✓ STA. 232+41 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES
STA. 232+04 LT ✓

ADJUST ELEVATION OF VALVE BOX
STA. 229+05 LT
STA. 231+83 LT

DETECTABLE WARNING SURFACES
STA. 227+80 LT (~~12 SF~~) (8 SF) ✓
STA. 227+82 RT (8 SF) ✓
STA. 231+33 LT (8 SF) ✓
STA. 231+34 RT (8 SF) ✓
✓ STA. ~~231+48~~ LT (8 SF) 231+84
✓ STA. 232+16 LT (8 SF)
(LISTED AS 232+05)

COMMON EXCAVATION
STA. 227+76 - STA. 227+85 LT ✓
STA. 227+74 - STA. 227+79 RT ✓
STA. 231+29 - STA. 231+36 LT ✓
STA. 231+32 - STA. 231+38 RT ✓
STA. 231+44 - STA. 231+51 LT ✓
STA. 232+12 - STA. 232+19 LT ✓

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 227+76 - STA. 227+85 LT
STA. 227+74 - STA. 227+79 RT
STA. 231+29 - STA. 231+36 LT
STA. 231+32 - STA. 231+38 RT
STA. 231+44 - STA. 231+51 LT
STA. 232+12 - STA. 232+19 LT

SUBBASE OF CRUSHED GRAVEL, FINE GRADED
STA. 227+76 - STA. 227+85 LT
STA. 227+74 - STA. 227+79 RT
STA. 231+29 - STA. 231+36 LT
STA. 231+32 - STA. 231+38 RT
STA. 231+44 - STA. 231+51 LT
STA. 232+12 - STA. 232+19 LT

REMOVING AND RESETTING CURB
STA. 227+75 - STA. 227+92 LT
STA. 227+75 - STA. 227+94 RT
STA. 231+20 - STA. 231+57 LT
STA. 232+05 - STA. 232+28 LT

ERECTING SALVAGED SIGNS
AS SHOWN - 2

REMOVING SIGNS
AS SHOWN - 12

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 227+87 - STA. 231+25 (SOLID RT)
STA. 227+87 - STA. 232+23 (SOLID LT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 231+78 LT (EDGELINES VINE ST)
STA. 232+22 - STA. 233+50 (SOLID RT)
STA. 232+23 - STA. 233+50 (SOLID LT)

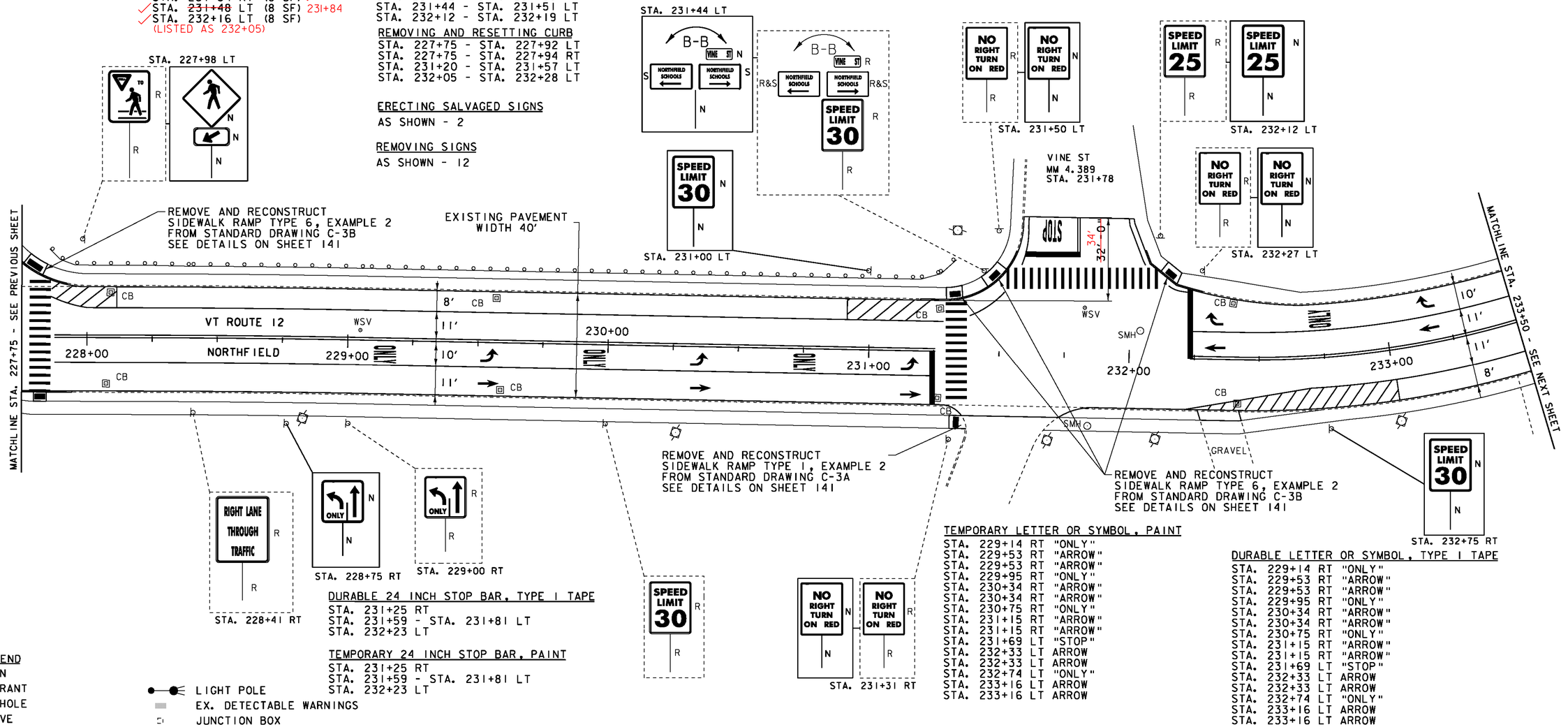
TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 227+87 - STA. 231+25 (SOLID RT)
STA. 227+87 - STA. 232+23 (SOLID LT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 231+78 LT (EDGELINES VINE ST)
STA. 232+22 - STA. 233+50 (SOLID RT)
STA. 232+23 - STA. 233+50 (SOLID LT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 227+75 - STA. 233+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 231+78 LT (CENTERLINE VINE ST)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 227+75 - STA. 233+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 231+78 LT (CENTERLINE VINE ST)

DURABLE 8 INCH WHITE LINE, TYPE I TAPE
STA. 227+87 - STA. 228+11 (HATCH LT)
STA. 230+92 - STA. 231+25 (HATCH LT)
STA. 232+22 - STA. 233+01 (HATCH RT)

TEMPORARY 8 INCH WHITE LINE, PAINT
STA. 227+87 - STA. 228+11 (HATCH LT)
STA. 230+92 - STA. 231+25 (HATCH LT)
STA. 232+22 - STA. 233+01 (HATCH RT)



DURABLE 24 INCH STOP BAR, TYPE I TAPE
STA. 231+25 RT
STA. 231+59 - STA. 231+81 LT
STA. 232+23 LT

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 231+25 RT
STA. 231+59 - STA. 231+81 LT
STA. 232+23 LT

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 229+14 RT "ONLY"
STA. 229+53 RT "ARROW"
STA. 229+53 RT "ARROW"
STA. 229+95 RT "ONLY"
STA. 230+34 RT "ARROW"
STA. 230+34 RT "ARROW"
STA. 230+75 RT "ONLY"
STA. 231+15 RT "ARROW"
STA. 231+15 RT "ARROW"
STA. 231+69 LT "STOP"
STA. 232+33 LT ARROW
STA. 232+33 LT ARROW
STA. 232+74 LT "ONLY"
STA. 233+16 LT ARROW
STA. 233+16 LT ARROW

DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 229+14 RT "ONLY"
STA. 229+53 RT "ARROW"
STA. 229+53 RT "ARROW"
STA. 229+95 RT "ONLY"
STA. 230+34 RT "ARROW"
STA. 230+34 RT "ARROW"
STA. 230+75 RT "ONLY"
STA. 231+15 RT "ARROW"
STA. 231+15 RT "ARROW"
STA. 231+69 LT "STOP"
STA. 232+33 LT ARROW
STA. 232+33 LT ARROW
STA. 232+74 LT "ONLY"
STA. 233+16 LT ARROW
STA. 233+16 LT ARROW

LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- PARKING METER
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

TEMPORARY CROSSWALK MARKING, PAINT
STA. 227+82 LT & RT
STA. 231+34 LT & RT
STA. 231+52 - STA. 232+11 LT

DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 227+82 LT & RT
STA. 231+34 LT & RT
STA. 231+52 - STA. 232+11 LT

NOT TO SCALE

PROJECT LAYOUT SHEET 50

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_69.tl
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 69 OF 149

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 233+67 RT ✓
STA. 234+43 LT ✓
STA. 234+68 RT ✓
STA. 236+46 LT ✓
STA. 236+80 RT ✓
STA. 238+13 RT ✓
STA. 239+32 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 234+30 LT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 234+41 CL
STA. 234+42 LT
STA. 235+56 LT
STA. 236+18 RT
STA. 239+07 RT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 233+50 - STA. 234+48 (SOLID LT)
STA. 233+50 - STA. 239+50 (SOLID RT)
STA. 235+60 - STA. 239+50 (SOLID LT)

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 233+50 - STA. 234+48 (SOLID LT)
STA. 233+50 - STA. 239+50 (SOLID RT)
STA. 235+60 - STA. 239+50 (SOLID LT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

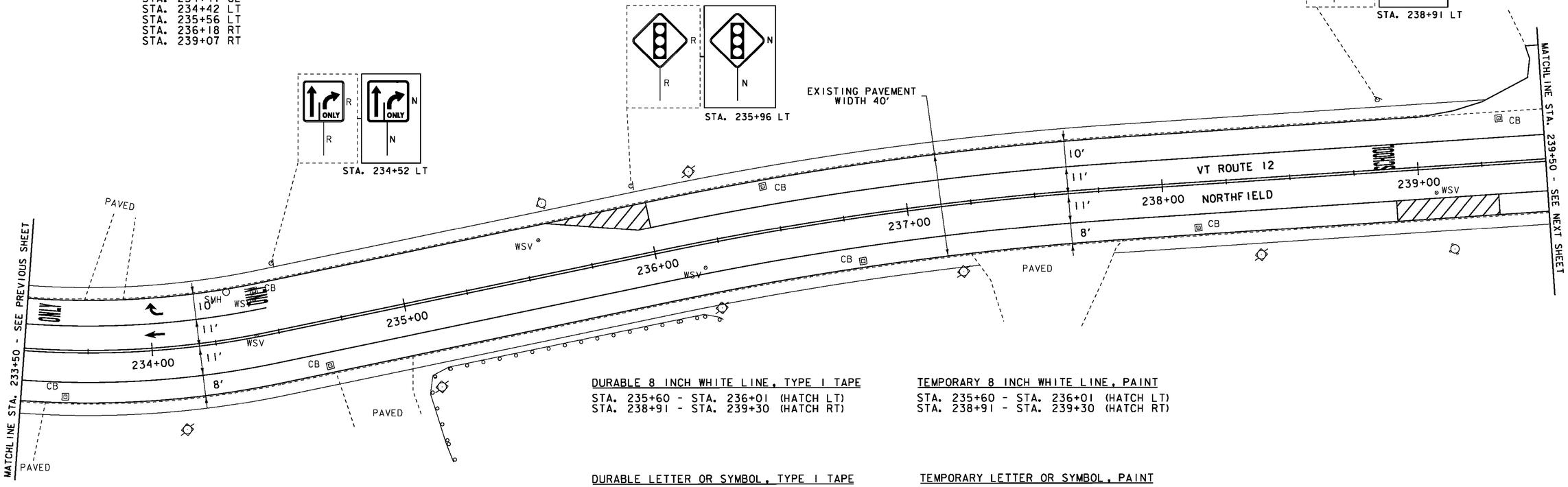
STA. 233+50 - STA. 239+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 233+50 - STA. 239+50 (SOLID LT & RT)

REMOVING SIGNS

AS SHOWN - 3



DURABLE 8 INCH WHITE LINE, TYPE I TAPE

STA. 235+60 - STA. 236+01 (HATCH LT)
STA. 238+91 - STA. 239+30 (HATCH RT)

TEMPORARY 8 INCH WHITE LINE, PAINT

STA. 235+60 - STA. 236+01 (HATCH LT)
STA. 238+91 - STA. 239+30 (HATCH RT)

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 233+59 LT "ONLY"
STA. 234+03 LT ARROW
STA. 234+03 LT ARROW
STA. 234+43 LT "ONLY"
STA. 238+87 LT "SCHOOL"

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 233+59 LT "ONLY"
STA. 234+03 LT ARROW
STA. 234+03 LT ARROW
STA. 234+43 LT "ONLY"
STA. 238+87 LT "SCHOOL"

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

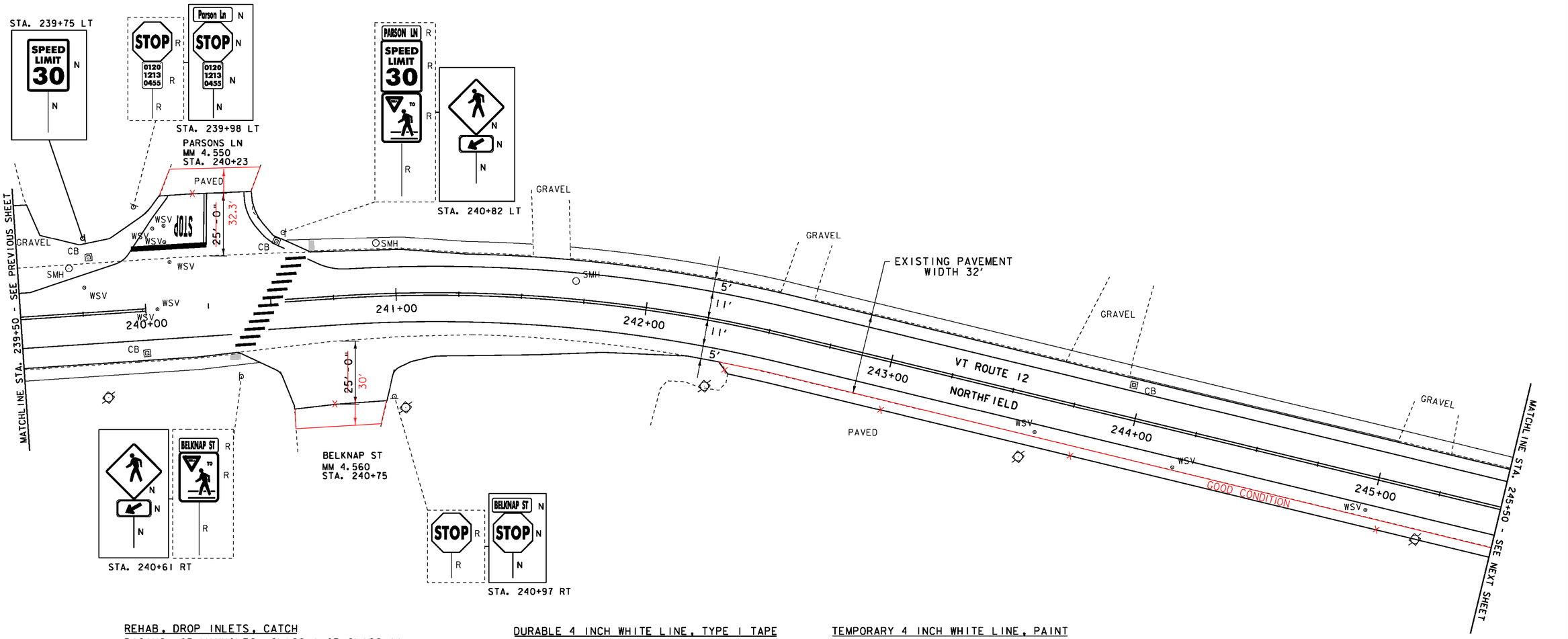
NOT TO SCALE

PROJECT LAYOUT SHEET 51

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_70.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 70 OF 149



REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 239+79 LT ✓ STA. 240+49 LT ✓
STA. 240+00 RT ✓ STA. 243+95 LT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 239+71 LT ✓ LISTED AS 239+79 LT IN SITE MGR.
STA. 241+71 LT ✓

ADJUST ELEVATION OF VALVE BOX

STA. 239+76 LT	STA. 240+09 LT
STA. 240+00 CL	STA. 240+11 LT
STA. 240+05 CL	STA. 243+62 RT
STA. 240+05 LT	STA. 244+19 RT
STA. 240+09 LT	STA. 244+99 RT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 239+50 - STA. 245+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 240+23 LT (EDGELINES PARSONS LN)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 239+50 - STA. 245+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 240+23 LT (CENTERLINE PARSONS LN)

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 240+16 LT "STOP"

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 239+96 - STA. 240+26 LT

DURABLE CROSSWALK MARKINGS, TYPE I TAPE

STA. 240+39 RT - STA. 240+61 LT

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 239+50 - STA. 245+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 240+23 LT (EDGELINES PARSONS LN)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 239+50 - STA. 245+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS & CROSSWALKS)
STA. 240+23 LT (CENTERLINE PARSONS LN)

TEMPORARY LETTER OR SYMBOL, PAINT

STA. 240+16 LT "STOP"

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 239+96 - STA. 240+26 LT

TEMPORARY CROSSWALK MARKINGS, PAINT

STA. 240+39 RT - STA. 240+61 LT

REMOVING SIGNS

AS SHOWN - 8

LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 52

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_71.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II

STA. 246+04 LT ✓
STA. 250+27 LT ✓
STA. 250+40 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES

STA. 246+00 LT ✓
STA. 246+02 RT ✓
STA. 250+40 CL ✓

ADJUST ELEVATION OF VALVE BOX

STA. 250+13 RT

DURABLE 4 INCH WHITE LINE, TYPE I TAPE

STA. 245+50 - STA. 251+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE

STA. 245+50 - STA. 251+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 250+33 RT (CENTERLINE SHERMAN AV)

DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 250+41 RT "STOP"

DURABLE 24 INCH STOP BAR, TYPE I TAPE

STA. 250+35 - STA 250+46 RT

TEMPORARY 4 INCH WHITE LINE, PAINT

STA. 245+50 - STA. 251+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)

TEMPORARY 4 INCH YELLOW LINE, PAINT

STA. 245+50 - STA. 251+50 (SOLID LT & RT)
(WITH BREAKS AT SIDEROADS)
STA. 250+33 RT (CENTERLINE SHERMAN AV)

TEMPORARY LETTER OR SYMBOL, PAINT

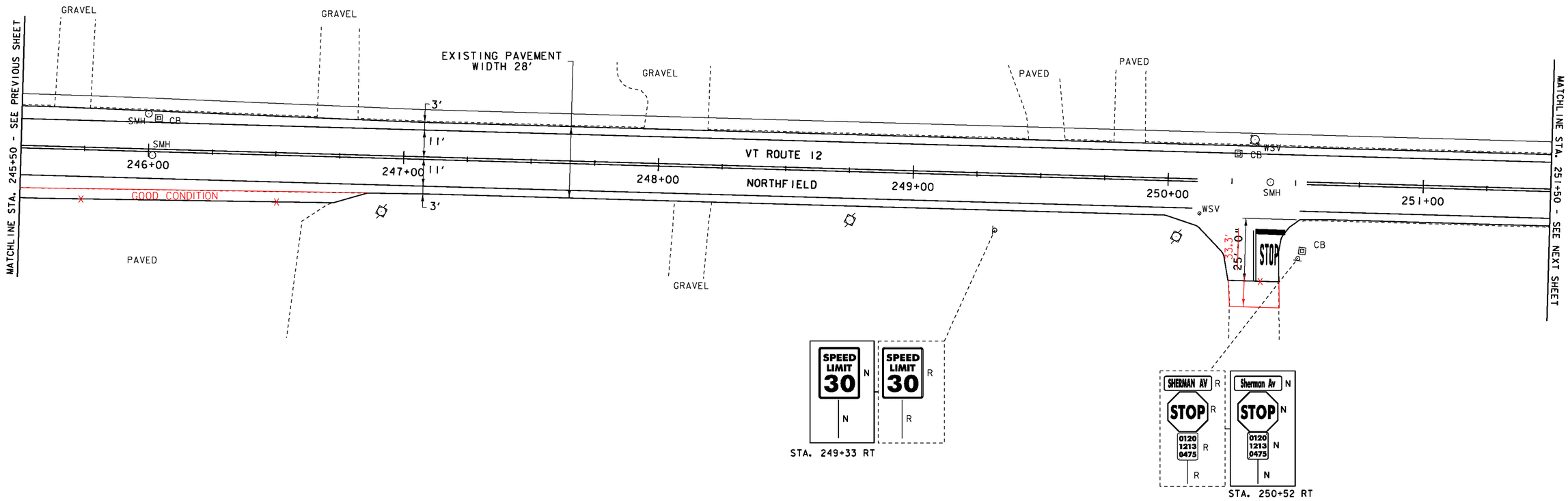
STA. 250+41 RT "STOP"

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 250+35 - STA 250+46 RT

REMOVING SIGNS

AS SHOWN - 4



LEGEND

- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

SIGN LEGEND

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

NOT TO SCALE

PROJECT LAYOUT SHEET 53

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_72.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 72 OF 149

DURABLE 4 INCH WHITE LINE, TYPE I TAPE
STA. 251+50 - STA. 255+50 (SOLID LT & RT)

DURABLE 4 INCH YELLOW LINE, TYPE I TAPE
STA. 251+50 - STA. 255+50 (SOLID LT & RT)

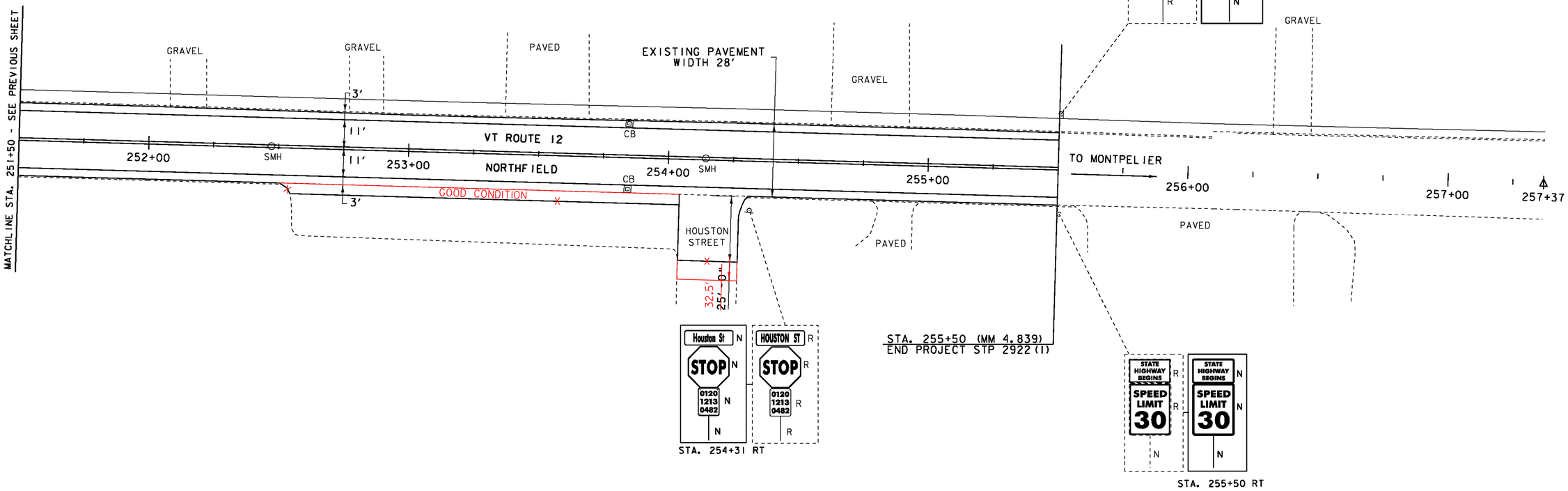
REHAB, DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I OR CLASS II
STA. 253+90 LT ✓
STA. 253+90 RT ✓

CHANGING ELEVATION OF SEWER MANHOLES
STA. 252+47 CL ✓
STA. 254+14 CL ✓

TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 251+50 - STA. 255+50 (SOLID LT & RT)

TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 251+50 - STA. 255+50 (SOLID LT & RT)

REMOVING SIGNS
AS SHOWN - 7



LEGEND
- SIGN
- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- UTILITY POLE
- DETECTABLE WARNINGS
- LIGHT POLE
- EX. DETECTABLE WARNINGS
- JUNCTION BOX
- PED BUTTON
- ELECTRICAL BOX
- SIGNAL
- PEDESTAL POST
- STRAIN POLE
- CAMERA
- VDZ VIDEO DETECTION ZONE

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

NOT TO SCALE

PROJECT LAYOUT SHEET 54

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

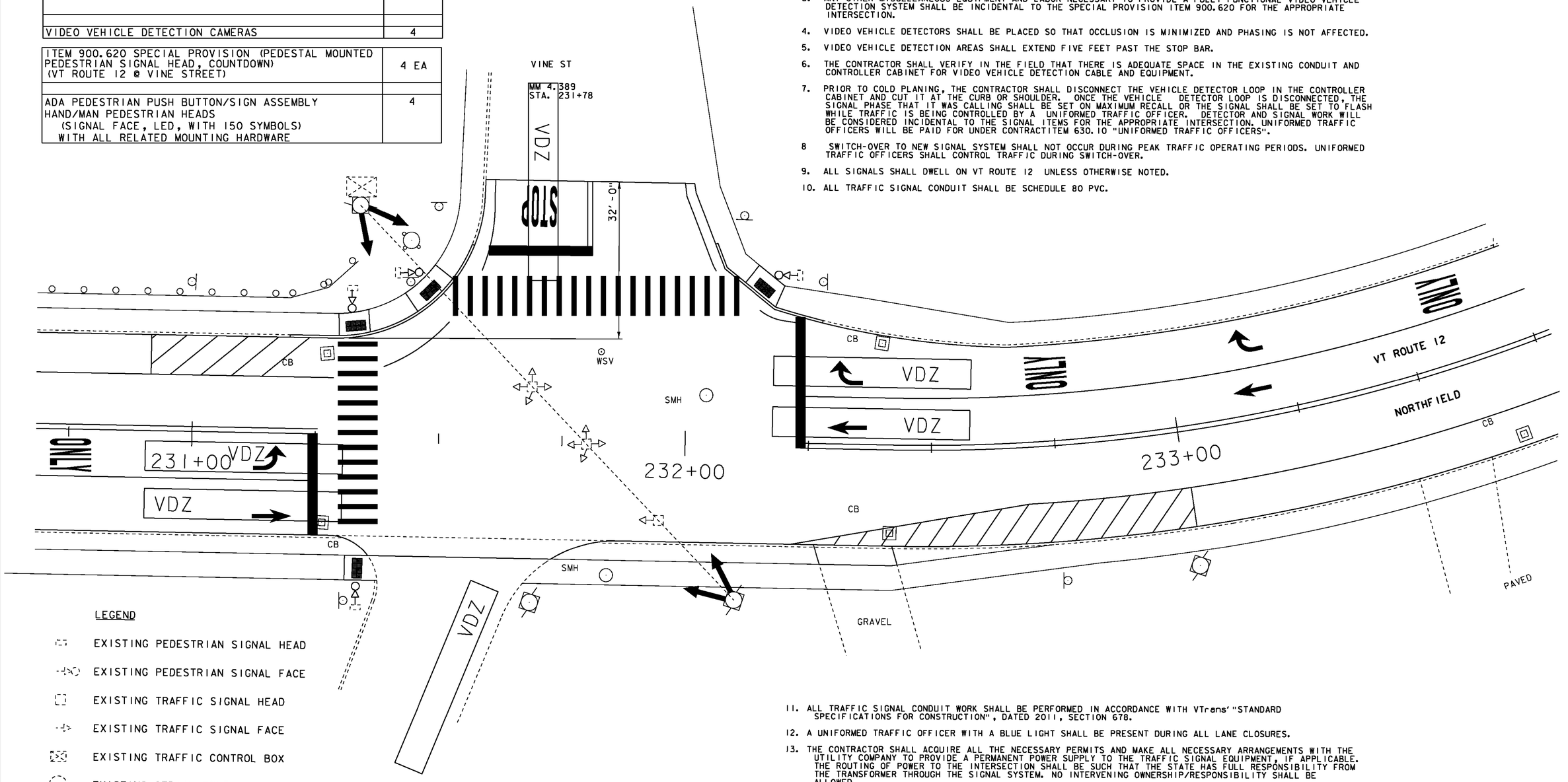
FILE NAME: pl0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pl0C246_73.i
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 73 OF 149

LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 12 @ VINE STREET)	1 EA
VIDEO VEHICLE DETECTION CAMERAS	4

ITEM 900.620 SPECIAL PROVISION (PEDESTAL MOUNTED PEDESTRIAN SIGNAL HEAD, COUNTDOWN) (VT ROUTE 12 @ VINE STREET)	4 EA
ADA PEDESTRIAN PUSH BUTTON/SIGN ASSEMBLY HAND/MAN PEDESTRIAN HEADS (SIGNAL FACE, LED, WITH 150 SYMBOLS) WITH ALL RELATED MOUNTING HARDWARE	4

NOTES:

1. EXISTING CONTROLLER TIMINGS SHALL BE RETAINED.
2. EXISTING CONDUIT SHALL BE UTILIZED FOR NECESSARY WIRING.
3. ANY OTHER MISCELLANEOUS EQUIPMENT AND LABOR NECESSARY TO PROVIDE A FULLY FUNCTIONAL VIDEO VEHICLE DETECTION SYSTEM SHALL BE INCIDENTAL TO THE SPECIAL PROVISION ITEM 900.620 FOR THE APPROPRIATE INTERSECTION.
4. VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
5. VIDEO VEHICLE DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
6. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE EXISTING CONDUIT AND CONTROLLER CABINET FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.
7. PRIOR TO COLD PLANING, THE CONTRACTOR SHALL DISCONNECT THE VEHICLE DETECTOR LOOP IN THE CONTROLLER CABINET AND CUT IT AT THE CURB OR SHOULDER. ONCE THE VEHICLE DETECTOR LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE SET ON MAXIMUM RECALL OR THE SIGNAL SHALL BE SET TO FLASH WHILE TRAFFIC IS BEING CONTROLLED BY A UNIFORMED TRAFFIC OFFICER. DETECTOR AND SIGNAL WORK WILL BE CONSIDERED INCIDENTAL TO THE SIGNAL ITEMS FOR THE APPROPRIATE INTERSECTION. UNIFORMED TRAFFIC OFFICERS WILL BE PAID FOR UNDER CONTRACT ITEM 630.10 "UNIFORMED TRAFFIC OFFICERS".
8. SWITCH-OVER TO NEW SIGNAL SYSTEM SHALL NOT OCCUR DURING PEAK TRAFFIC OPERATING PERIODS. UNIFORMED TRAFFIC OFFICERS SHALL CONTROL TRAFFIC DURING SWITCH-OVER.
9. ALL SIGNALS SHALL DWELL ON VT ROUTE 12 UNLESS OTHERWISE NOTED.
10. ALL TRAFFIC SIGNAL CONDUIT SHALL BE SCHEDULE 80 PVC.



LEGEND

- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING PEDESTRIAN SIGNAL FACE
- EXISTING TRAFFIC SIGNAL HEAD
- EXISTING TRAFFIC SIGNAL FACE
- EXISTING TRAFFIC CONTROL BOX
- EXISTING STRAIN POLE
- EXISTING MAST ARM
- VDZ — VIDEO DETECTION ZONE
- VIDEO CAMERA
- PEDESTRIAN SIGNAL FACE

11. ALL TRAFFIC SIGNAL CONDUIT WORK SHALL BE PERFORMED IN ACCORDANCE WITH VTrans' "STANDARD SPECIFICATIONS FOR CONSTRUCTION", DATED 2011, SECTION 678.
12. A UNIFORMED TRAFFIC OFFICER WITH A BLUE LIGHT SHALL BE PRESENT DURING ALL LANE CLOSURES.
13. THE CONTRACTOR SHALL ACQUIRE ALL THE NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE A PERMANENT POWER SUPPLY TO THE TRAFFIC SIGNAL EQUIPMENT, IF APPLICABLE. THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE STATE HAS FULL RESPONSIBILITY FROM THE TRANSFORMER THROUGH THE SIGNAL SYSTEM. NO INTERVENING OWNERSHIP/RESPONSIBILITY SHALL BE ALLOWED.
14. ALL ELECTRICAL WIRING SHALL BE DONE BY A LICENSED ELECTRICIAN AND OVERSEEN BY A MASTER ELECTRICIAN.

NOT TO SCALE

INTERSECTION TRAFFIC SIGNAL EQUIPMENT SHEET

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_74.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B" REMOVE	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 76+09 RT BETHEL VT ROUTE 12	STATE HIGHWAY ENDS	1	24	18	3.00	1					1						X 15.50	X													VR-038			E-141
	SPEED LIMIT 25	1	30	36	7.50	1																									R2-1	SHSM		
	0120 1404 0144	1	6	10	0.42	1																									VD-700			E-138
STA. 76+12 LT BETHEL VT ROUTE 12	STATE HIGHWAY BEGINS (R)	1	24	18	3.00	1 1					1					X 15.00		X													VR-039			E-141
	SPEED LIMIT 40 SPEED LIMIT 30	1	24	30	5.00	1																									R2-1 30 MPH SPEED ZONE AHEAD 25 MPH SIGN SALVAGED UNTIL 30 MPH ORDERED (INSTALLED 9/3/13)	SHSM		
STA. 77+92 RT BETHEL VT ROUTE 12	NORTH	1	24	12	2.00						1					X 14.00		X													M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																										MI-5 GREEN ON WHITE			E-136B
STA. 78+27 LT BETHEL VT ROUTE 12	EAST SOUTH WEST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00	1 1 1					2												X 2	304	13.5 +14.0 27.5 X7.6 209					*3B	M3-2 GREEN ON WHITE M3-3 GREEN ON WHITE M3-4 GREEN ON WHITE	SHSM SHSM SHSM		
	VERMONT 107 VERMONT 12 VERMONT 107	1 1 1	30 24 30	24 24 24	5.00 4.00 5.00	1 1 1																									MI-5 GREEN ON WHITE MI-5 GREEN ON WHITE MI-5 GREEN ON WHITE			E-136B E-136B E-136B
	↑ → →	1 1 1	21 21 21	15 15 15	2.19 2.19 2.19	1 1 1																									M6-3 GREEN ON WHITE M6-IR GREEN ON WHITE M6-IR GREEN ON WHITE	SHSM SHSM SHSM		
												LF	LF	LF	LF -	LF 30	LF 15		EA.	LB	LB	LB		LB 304	LB	LB	LB								
	TOTALS				SF 51.49 ✓	~~SF~~ EA 15 ✓	EA. -	SF				LF			LF		~~45~~ 44.5 ✓			LB			EA. 2 ✓		LB ~~304~~ 209.00 ✓				EA.	EA.	LB					

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."

INSTALLED

TRAFFIC SIGN SUMMARY SHEET 1

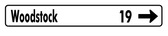
PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_75.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 75 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B" REMOVE	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 79+56 RT BETHEL VT ROUTE 12		1	30	30	6.25						1					X 15.50		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	18	3.00																												W16-4 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 79+83 LT BETHEL VT ROUTE 12		1	72	12	6.00						2					X 14.25 15.50		X															VD1-1A		136	
		1	72	12	6.00																												VD1-1A		136	
STA. 81+14 RT BETHEL VT ROUTE 12		1	60	12	5.00	1					+ 2					X 11.00 11.75		X															60" WIDE SIGN, TWO POSTS RECOMMENDED D3-1		137	
STA. 81+15 RT BETHEL VT ROUTE 12		1	24	30	5.00						1					X 13.25		X															VR-017	SHSM		
STA. 81+34 RT BETHEL VT ROUTE 12		1	30	30	6.25	1					1					X 13.25		X															RI-1	SHSM		
		1	6	10	0.42	1																											VD-700			E-138
STA. 83+16 LT BETHEL VT ROUTE 12		1	21	15	2.19	1					1					X 14.25		X															M2-1 GREEN ON WHITE	SHSM		
		1	30	24	5.00	1																											M1-5 GREEN ON WHITE			E-136B
												LF	LF	LF	LF -	LF 105	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 45.11 ✓	~~SF~~ EA 5 ✓	EA. -	SF				LF			LF ~~105~~ 108.75 ✓					LB			EA.	LB				EA.	EA.	LB						

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."

INSTALLED

TRAFFIC SIGN SUMMARY SHEET 2

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_76.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 76 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B" REMOVE	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 83+31 RT BETHEL VT ROUTE 12	Avon Dr 11467	1	36	12	3.00	1					1					X 11.00		X														D3-1		137	
STA. 83+33 RT BETHEL VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X 13.25		X														VR-017	SHSM		
STA. 83+63 RT BETHEL VT ROUTE 12	STOP	1	30	30	6.25	1					1					X 13.25		X														RI-1	SHSM		
	0120 1404 0159	1	6	10	0.42	1																										VD-700			E-138
STA. 90+88 RT BETHEL VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00	3					1					X 13.25		X														VR-017	SHSM		
STA. 91+09 RT BETHEL VT ROUTE 12	Densmore Dr	1	36	12	3.00	1					1					X 13.75		X														D3-1		137	
	STOP	1	30	30	6.25	1																										RI-1	SHSM		
	0120 1404 0172	1	6	10	0.42	1																										VD-700			E-138
STA. 91+32 LT BETHEL VT ROUTE 12		1	30	30	6.25	1					1					X 15.50		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	NEXT 1500 FT	1	24	18	3.00	1																										WI6-4 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 90	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 38.59✓	~~SF~~ EA 11✓	EA. -	SF				LF			LF ~~90~~ 80✓						LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 3

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_77.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 77 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMMED REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 91+98 LT BETHEL VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 92+06 RT BETHEL VT ROUTE 12	NORTH	1	24	12	2.00						1					X		X														M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																											MI-5 GREEN ON WHITE			E-136B
	←	1	21	15	2.19																											M6-IL GREEN ON WHITE	SHSM		
STA. 92+17 RT BETHEL VT ROUTE 12	SOUTH	1	24	12	2.00						1					X		X														M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																											MI-5 GREEN ON WHITE			E-136B
	→	1	21	15	2.19																											M6-IR GREEN ON WHITE	SHSM		
STA. 92+79 RT BETHEL VT ROUTE 12	N. Main St. THS	1	36	12	3.00						1					X		X														D3-1		137	
	STOP	1	30	30	6.25																											RI-1	SHSM		
STA. 93+23 RT BETHEL VT ROUTE 12	NORTH	1	24	12	2.00						1					X		X														M3-1 GREEN ON WHITE	SHSM		
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 32.63	SF	EA. -	SF							LF			LF 75 ~~75~~ 71.5 ✓					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 4

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_78.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 78 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	VERMONT 12	1	24	24	4.00																												MI-5 GREEN ON WHITE			E-136B
STA. 95+35 LT BETHEL VT ROUTE 12	SOUTH	1	24	12	2.00						1					X		X															M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																												MI-5 GREEN ON WHITE			E-136B
	→	1	21	15	2.19																												M6-1R GREEN ON WHITE	SHSM		
STA. 95+43 RT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																												W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 97+00 RT BETHEL VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															VR-017	SHSM		
STA. 97+43 RT BETHEL VT ROUTE 12	Lower Church St THIS	1	54	12	4.50						1					X		X															D3-1		137	
STA. 97+50 RT BETHEL VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															R1-1	SHSM		
STA. 97+97 RT BETHEL VT ROUTE 12	PED-XING	1	30	30	6.25		1				1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 90	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 42.44	SF	EA. -	SF				LF			LF 90						LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 5

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_79.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 79 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
		1	24	12	2.00																												W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 98+40 LT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 101+28 LT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																												W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 104+08 RT BETHEL VT ROUTE 12	NO PARKING HERE TO CORNER						1			1					X		X																			
STA. 104+75 LT BETHEL VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 105+94 LT BETHEL VT ROUTE 12	YIELD	1	36	36	3.90						1					X		X															R1-2	SHSM		
STA. 106+27 LT BETHEL VT ROUTE 12	NORTH	1	24	12	2.00						1					X		X															M3-1 GREEN ON WHITE	SHSM		
												LF	LF	LF	LF -	LF 90	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 29.4	SF	EA. 1	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 6

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_80.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	VERMONT 12	1	24	24	4.00																												MI-5 GREEN ON WHITE			E-136B
	→	1	21	15	2.19																												M6-IR GREEN ON WHITE	SHSM		
STA. 106+92 LT BETHEL VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
STA. 107+01 LT BETHEL VT ROUTE 12	SOUTH	1	24	12	2.00						1					X		X														M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																												MI-5 GREEN ON WHITE	SHSM		
	←	1	21	15	2.19																												M6-IL GREEN ON WHITE	SHSM		
STA. 109+54 RT BETHEL VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
	0120 1404 0207	1	6	10	0.42																												VD-700			E-138
STA. 111+50 RT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X														SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																												W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 60	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 34.30	SF	EA. -	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 7

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_81.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 81 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B" REMOVE	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 117+63 RT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X															SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 118+50 LT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X															SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 120+58 LT BETHEL VT ROUTE 12		1	30	30	6.25						1					X		X															SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																												WI6-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 119+53 RT	STOP					1																														
STA. 119+53 RT	MILE MARKER					1																														
												LF	LF	LF	LF -	LF 45	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 24.75	SF	EA. -	SF				LF			LF 45					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 8

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_82.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 82 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B" REMOVE	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 (7.6)	TUBULAR STEEL Ø (in) lb/ft 3.5 (9.0)	TUBULAR STEEL Ø (in) lb/ft 4.0 (10.8)	TUBULAR STEEL Ø (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 77+21 RT RANDOLPH VT ROUTE 12	STATE HIGHWAY ENDS X	1	24	18	3.00 X						1						X	X															VR-038			E-141
	SPEED LIMIT 25 X	1	30	36	7.50 X																											R2-1	SHSM		
STA. 77+21 LT RANDOLPH VT ROUTE 12	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X														VR-039			E-141
	SPEED LIMIT 40	1	24	30	5.00																											R2-1	SHSM		
STA. 77+94 RT						2																													
STA. 77+98 RT RANDOLPH VT ROUTE 12	VEHICLES YIELD TO PEDESTRIANS ON CROSSWALK X	1	24	30	5.00 X						1					X		X														VR 346			
	WARNING WINTER PARKING BAN X						1																												
STA. 78+41 RT RANDOLPH VT ROUTE 12	South Main St X	1	40	12	3.33						1					X		X														D3-1		138	
STA. 82+76 RT RANDOLPH VT ROUTE 12	STOP X	1	30	30	6.25 X						1					X		X														RI-1	SHSM		
STA. 88+25 RT RANDOLPH VT ROUTE 12	X	1	30	30	6.25 X						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD X	1	24	12	2.00																											W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF	LF 75	LF 15		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 41.33	SF	EA. 1	SF							LF			LF 90					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 9

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_83.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 83 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.88	2.42	3.35						1.3	1.7	1.7		7.6	9.0	10.8	14.6									
STA. 89+29 LT RANDOLPH VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 90+01 RT RANDOLPH VT ROUTE 12	H	1	24	24	4.00						1					X		X														D9-2 WHITE ON BLUE	SHSM		
	REMOVAL SAFETY BELT ARE THEY BUCKLED?	1	21	15	2.19																											M6-1R WHITE ON BLUE	SHSM		
STA. 90+41 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 90+57 RT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017	SHSM		
STA. 91+06 RT RANDOLPH VT ROUTE 12	Maple St	1	24	12	2.00						1					X		X														D3-1		138	
	STOP	1	30	30	6.25																											R1-1	SHSM		
STA. 91+38 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
												LF	LF	LF	LF -	LF 90	LF -	EA.		LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 40.94	SF	EA.	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 10

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_84.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 84 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 93+75 LT RANDOLPH VT ROUTE 12	NO PARKING THIS SIDE OF STREET	1	24	30	5.00						1					X		X																		
	0120 0909 0178	1	6	10	0.42																													VD-700			E-138
STA. 94+15 LT RANDOLPH VT ROUTE 12	Rosewood Dr Pvt	1	48	12	4.00						1					X		X																D3-1		138	
STA. 96+77 RT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																VR-017	SHSM		
STA. 97+26 RT RANDOLPH VT ROUTE 12	Highland Ave	1	36	12	3.00						1					X		X																D3-1		138	
	STOP	1	30	30	6.25						1																							RI-1	SHSM		
	0120 0909 0184	1	6	10	0.42						1																							VD-700			E-138
STA. 99+37 RT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																VR-017	SHSM		
STA. 99+68 RT RANDOLPH VT ROUTE 12	Bellefred Dr BELLE FRED DR	1	36 40	12 12	3.00 3.33						1					X		X																D3-1 CORECT SIGN REPLACED ON 8/15/2013		138	
	STOP	1	30	30	6.25						1																							RI-1	SHSM		
												LF	LF	LF	LF -	LF 90	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 38.34	SF	EA. -	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 11

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_85.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 85 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 100+70 RT RANDOLPH VT ROUTE 12	NO PARKING THIS SIDE OF STREET	1	24	30	5.00						1					X		X																		
STA. 101+37 LT RANDOLPH VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X																R2-1	SHSM		
STA. 103+32 LT RANDOLPH VT ROUTE 12	H	1	24	24	4.00						1					X		X																D9-2	SHSM		
	↑	1	21	15	2.19																													M6-3 WHITE ARROW ON BLUE BACKGROUND	SHSM		
STA. 103+55 RT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																VR-017	SHSM		
STA. 103+96 RT RANDOLPH VT ROUTE 12	Church St	1	30	12	2.50						1					X		X																D3-1		138	
	STOP	1	30	30	6.25																													R1-1	SHSM		
STA. 105+33 RT RANDOLPH VT ROUTE 12	R R	1	36	36	7.10						1					X		X																W10-1	SHSM		
STA. 105+82 LT RANDOLPH VT ROUTE 12	NO PARKING THIS SIDE OF STREET	1	24	30	5.00						1					X		X																		
STA. 103+55 RT RANDOLPH VT ROUTE 12	CHURCH STREET																																			
												LF	LF	LF	LF -	LF 105	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 42.04	SF	EA. -	SF				LF			LF 105					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 12

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_86.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 86 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75	SQUARE STEEL (in) lb/ft 2.0	SQUARE STEEL (in) lb/ft 2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	TUBULAR ALUMINUM Ø (in) lb/ft 4.0	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 MOD	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0	TUBULAR STEEL Ø (in) lb/ft 3.5	TUBULAR STEEL Ø (in) lb/ft 4.0	TUBULAR STEEL Ø (in) lb/ft 5.0	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 106+26 LT RANDOLPH VT ROUTE 12	Weston St	1	30	12	2.50						1					X		X														D3-1		138	
	STOP	1	30	30	6.25																											RI-1	SHSM		
STA. 106+60 RT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017	SHSM		
STA. 106+86 LT RANDOLPH VT ROUTE 12	B-B	1 1	30 30	30 30	6.25 6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	B-B	1 1	24 24	12 12	2.00 2.00																										W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 107+06 RT RANDOLPH VT ROUTE 12	RESERVED PARKING		18	12	1.50						1					X		X														D3-1		138	
STA. 108+84 LT RANDOLPH VT ROUTE 12	L Street	1	24	12	2.00						1					X		X														D3-1		138	
	STOP	1	30	30	6.25						1																					RI-1	SHSM		
STA. 109+46 LT RANDOLPH VT ROUTE 12	South Main St	1	40	12	3.33						1					X		X														D3-1		138	
STA. 109+67 RT RANDOLPH VT ROUTE 12	DO NOT ENTER	1	30	30	6.25						1					X		X														R5-1	SHSM		
STA. 105+76 RT RANDOLPH VT ROUTE 12	NO PARKING THIS SIDE OF STREET																																		
												LF	LF	LF	LF -	LF 90	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 48.08	SF	EA. -	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 13

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_87.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 87 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
~~STA. 109+69 RT RANDOLPH VT ROUTE 12~~	Back St	1	24	12	2.00						1					X		X														D3-1 BACK TO BACK WITH DO NO ENTER SIGN AT STA. 109+67 RT		138	
	STOP	1	30	30	6.25						1					X		X														RI-1 BACK TO BACK WITH DO NO ENTER SIGN AT STA. 109+67 RT	SHSM		
	B-B ONE WAY / ONE WAY	1 1	36 36	12 12	3.00 3.00																											R6-1L R6-1R	SHSM SHSM		
STA. 110+32 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 110+44 LT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
STA. 110+48 RT RANDOLPH VT ROUTE 12	LED DYNAMICS / FENIX FINE FOODS						1 1																												
	Merchants Row	1	42	12	3.50																											D3-1 MOUNT ON EXISTING BRACKET		138	
STA. 111+29 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 40.50	SF	EA. 2	SF				LF			LF 75						LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 14

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_88.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMEWORK REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 112+45 LT RANDOLPH VT ROUTE 12	R R	1	36	36	7.10						1					X		X														WI0-1	SHSM		
STA. 113+02 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										WI6-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 113+10 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										WI6-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 115+04 LT RANDOLPH VT ROUTE 12	Town Hall						1																												
	Kelley Way	1	36	12	3.00						1					X		X														D3-1		138	
	PARKING						1																												
STA. 115+22 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										WI6-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 34.85	SF	EA. 2	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 15

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_89.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 89 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) lb/ft FOUND-ATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 115+27 RT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															VR-017	SHSM		
STA. 115+41 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
~~STA. 115+97 RT RANDOLPH VT ROUTE 12~~	~~CHADWICK'S PUB~~ NO THROUGH TRUCKS						1		1																							SIGN NOT EXISTING SIGN REMOVED			
STA. 115+97 RT RANDOLPH VT ROUTE 12	MONTAGUE GOLF						1																													
	Pleasant St	1	30	12	2.00																												D3-1		138	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 116+98 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 106+26 LT RANDOLPH VT ROUTE 12	SENIOR CENTER																																			
												LF	LF	LF	LF -	LF 45	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 29.75	SF	EA. 2	SF				LF			LF 45					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 16

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_90.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 90 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 17

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 117+16 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											WI6-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 119+84 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											WI6-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 119+89 LT RANDOLPH VT ROUTE 12	ST JOHNS CHURCH						1																													
	School St	1	30	12	2.50						1					X		X														D3-1		138	
STA. 119+90 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											WI6-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 119+97 LT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 33.50	SF	EA. 1	SF						LF			LF 75					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 17

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_91.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 91 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 120+39 LT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017	SHSM		
STA. 123+36 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 123+53 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 123+57 LT RANDOLPH VT ROUTE 12	CHADWICK'S PUB						1																													
	Prince St	1	30	12	2.50						1					X		X														D3-1		138	
	STOP	1	30	30	6.25																											RI-1	SHSM		
STA. 124+02 LT RANDOLPH VT ROUTE 12	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														VR-017	SHSM		
STA. 123+57 RANDOLPH VT ROUTE 12	FOOD SHELF																																			
												LF	LF	LF	LF	LF 75	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 35.25	SF	EA. 1	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 18

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_92.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 92 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 19

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 128+02 LT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25				1																							RI-1	SHSM		
STA. 128+36 LT RANDOLPH VT ROUTE 12	← Roxbury 14	1	72	12	6.00				2																							VDI-1A		136	
	Northfield 17 →	1	72	12	6.00																											VDI-1A		136	
	Montpelier 27 →	1	72	12	6.00																											VDI-1A		136	
	NORTH TO SOUTH	3	24 24 24	12 12 12	2.00 2.00 2.00																										*3A	M3-1 GREEN ON WHITE M4-5 GREEN ON WHITE M3-3 GREEN ON WHITE	SHSM SHSM SHSM		
	VERMONT 12A INTERSTATE 89 VERMONT 12	3	30 24 24	24 24 24	5.00 4.00 4.00																											M1-5 GREEN ON WHITE M1-1 GREEN ON WHITE M1-5 GREEN ON WHITE			E-136B E-136B E-136B
	← → →	3	21 21 21	15 15 15	2.19 2.19 2.19																											M6-1L GREEN ON WHITE M6-1R GREEN ON WHITE M6-1R GREEN ON WHITE	SHSM SHSM SHSM		
STA. 77+94 RT RANDOLPH VT ROUTE 12	SPEED LIMIT 25																																			
STA. 77+94 RT RANDOLPH VT ROUTE 12	SPEED RADAR ENFORCED																																			
STA 90+51 RT RANDOLPH VT ROUTE 12	MAPLE ST																																			
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 49.82	SF	EA. -	SF				LF			LF -					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 19

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_93.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 93 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 20

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 128+38 LT RANDOLPH VT ROUTE 12	↑ Northfield 17	1	72	12	6.00				2																								VDI-1A		136	
	Bethel 8 →	1	72	12	6.00																												VDI-1A		136	
	Rutland 40 →	1	72	12	6.00																												VDI-1A		136	
	NORTH TO SOUTH	3	24 24 24	12 12 12	2.00 2.00 2.00																											#3	M3-1 GREEN ON WHITE M4-5 GREEN ON WHITE M3-3 GREEN ON WHITE	SHSM SHSM SHSM		
	VERMONT 12 · 89 · VERMONT 12	3	24 24 24	24 24 24	4.00 4.00 4.00																												M1-5 GREEN ON WHITE M1-1 GREEN ON WHITE M1-5 GREEN ON WHITE			E-136B E-136B E-136B
	↑ ↑ →	3	21 21 21	15 15 15	2.19 2.19 2.19																												M6-3 GREEN ON WHITE M6-3 GREEN ON WHITE M6-1R GREEN ON WHITE	SHSM SHSM SHSM		
	H →	1 1	24 21	24 15	4.00 2.19																												D9-2 WHITE ON BLUE M6-1R WHITE ON BLUE	SHSM SHSM		
STA. 128+40 LT RANDOLPH VT ROUTE 12	↑ Roxbury 14	1	72	12	6.00				2																								VDI-1A		136	
	← Bethel 8	1	72	12	6.00																												VDI-1A		136	
	← Rutland 40	1	72	12	6.00																												VDI-1A		136	
												LF	LF	LF	LF -	LF -	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
					TOTALS	SF 66.76	SF	EA. -	SF			LF			LF					LB			EA.	LB				EA.	EA.	LB							

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."

TRAFFIC SIGN SUMMARY SHEET 20

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_94.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 94 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	SOUTH NORTH	2	24 24	12 12	2.00 2.00																											*2A	M3-1 GREEN ON WHITE M3-3 GREEN ON WHITE	SHSM SHSM		
	VERMONT 12 VERMONT 12A	2	30 24	24 24	5.00 4.00																												MI-5 GREEN ON WHITE MI-5 GREEN ON WHITE			E-136B E-136B
		2	21 21	15 15	2.19 2.19																												M6-IL GREEN ON WHITE M6-IR GREEN ON WHITE	SHSM SHSM		
	H	1	24	24	4.00																												D9-2 WHITE ON BLUE	SHSM		
		1	21	15	2.19																												M6-IL WHITE ON BLUE	SHSM		
STA. 128+42 LT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25				1																								R1-1	SHSM		
STA. 129+03 RT RANDOLPH VT ROUTE 12	Central St	1	30	12	2.50						1					X		X															D3-1		138	
STA. 131+09 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X															W3-1	SHSM		
STA. 131+72 RT RANDOLPH VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 131+72 RT RANDOLPH VT ROUTE 12	SCHOOL																																REMOVAL ONLY			
												LF	LF	LF	LF -	LF 45	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 43.57	SF	EA. -	SF				LF			LF 45						LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 21

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_95.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 95 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 22

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 131+75 LT RANDOLPH VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
	WARNING WINTER PARKING BAN NO VEHICLE PARKING BETWEEN 11:00 PM TO 6:00 AM DURING THE PERIOD FROM NOVEMBER 1 TO MARCH 31 VEHICLES PARKED ON THE STREETS AS SNOW EMERGENCIES WILL BE TOWED AT THE OWNER'S EXPENSE						1																											
STA. 132+34 LT RANDOLPH VT ROUTE 12	JCT	1	21	15	2.19						1					X		X														M2-1 GREEN ON WHITE	SHSM		
	VERMONT 12A	1	30	24	5.00																										MI-5 GREEN ON WHITE			E-136B
STA. 134+25 LT RANDOLPH VT ROUTE 12	SOUTH		24	12	2.00						1					X		X														M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12		24	24	4.00																										MI-5 GREEN ON WHITE			E-136B
STA. 134+63 RT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
	ALL WAY	1	6	18	0.75																										RI-4	SHSM		
STA. 134+70 LT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
	ALL WAY	1	6	18	0.75																										RI-4	SHSM		
												LF	LF	LF	LF	LF 75	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 32.19	SF	EA. 1	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 22

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_96.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 96 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 23

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 135+61 LT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															RI-1	SHSM		
	ALL WAY	1	6	18	0.75																												RI-4	SHSM		
STA. 136+11 RT RANDOLPH VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															REMOVED TWICE DUE TO BLOCKING SIGHT OF RT 66 STA. 2+04 LT SIGN RI-1	SHSM		
	ALL WAY	1	6	18	0.75																												REMOVED TWICE DUE TO BLOCKING SIGHT OF RT 66 STA. 2+04 LT SIGN RI-4	SHSM		
STA. 136+14 LT RANDOLPH VT ROUTE 12	NORTH TO EAST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2												X	380								#3	M3-1 GREEN ON WHITE M4-5 WHITE ON BLUE M3-3 GREEN ON WHITE	SHSM SHSM SHSM		
	VERMONT 12 / INTERSTATE 89 / VERMONT 66	1 1 1	24 24 24	24 24 24	4.00 4.00 4.00																												M1-5 GREEN ON WHITE M1-1 WHITE ON BLUE M1-5 GREEN ON WHITE			E-136B E-136B E-136B
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																												M6-2L GREEN ON WHITE M6-1R WHITE ON BLUE M6-1R GREEN ON WHITE	SHSM SHSM SHSM		
STA. 111+00 LT RANDOLPH VT ROUTE 12	SALISBURY ST.																																SIGN ADDED TO PROJECT			
	EAST GARDENS																																			
STA. 135+25 RT STA. 135+50 LT RANDOLPH VT ROUTE 12																																				
												LF	LF	LF	LF -	LF 30	LF -		EA.	LB	LB	LB		LB 380	LB	LB	LB									
TOTALS		SF 38.57			SF	EA. -	SF					LF			LF 30					LB			EA. 2		LB 380			EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 23

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_97.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 97 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 24

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 136+41 RT RANDOLPH VT ROUTE 12	NORTH	1	24	12	2.00						1					X		X														M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																											MI-5 GREEN ON WHITE			E-136B
STA. 138+41 RT RANDOLPH VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 142+43 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														S1-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																											W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 148+66 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X														S1-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 155+65 LT RANDOLPH VT ROUTE 12																																			
STA. 153+30 LT RANDOLPH VT ROUTE 12																																			
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."												LF	LF	LF	LF -	LF 60	LF -		EA.	LB	LB	LB	EA.	LB	LB	LB	LB								
	TOTALS				SF 27.50	SF	EA. -	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET 24

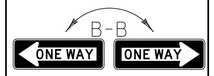
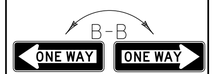
PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_98.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 98 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 25

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 149+14 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X															SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																													WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 149+17 RT RANDOLPH VT ROUTE 12		1	18	24	3.00						1					X		X																	R2-1	SHSM		
		1	36	12	3.00																													R6-1L	SHSM		
		1	36	12	3.00																													R6-1R	SHSM		
STA. 150+21 RT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X																	R1-1	SHSM		
		1	36	12	3.00																													R6-1L	SHSM		
		1	36	12	3.00																													R6-1R	SHSM		
STA. 155+08 LT RANDOLPH VT ROUTE 12		1	54	12	4.50						2					X		X																	D3-1		138	
		1	30	30	6.25																													R1-1	SHSM		
STA. 158+70 LT RANDOLPH VT ROUTE 12		1	30	30	6.25						1					X		X																	SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																													WI6-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 90	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 48.50	SF	EA. -	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 25

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_99.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 99 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 26

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 161+37 LT RANDOLPH VT ROUTE 12	Forest St	1	30	12	2.50						1					X		X														D3-1		138	
STA. 161+52 LT RANDOLPH VT ROUTE 12	STATE HIGHWAY ENDS	1	24	18	3.00						1						X	X														VR-038			E-141
	SPEED LIMIT 25	1	30	36	7.50																											R2-1	SHSM		
STA. 161+52 RT RANDOLPH VT ROUTE 12	STATE HIGHWAY BEGINS	1	24	18	3.00																											VR-039			E-141
	SPEED LIMIT 40	1	24	30	5.00																											R2-1	SHSM		
STA. 0+74 RT RANDOLPH VT ROUTE 12A	Park Street	1	36	12	3.00						1					X		X														D3-1		138	
	NO PARKING THIS SIDE OF STREET	1	24	30	5.00																														
STA. 1+13 RT RANDOLPH VT ROUTE 12A	YIELD	1	36	36	3.90						1					X		X														R2-1	SHSM		
STA. 1+75 RT RANDOLPH VT ROUTE 12A	NORTH	1	24	12	2.00						1					X		X														M3-1 GREEN ON WHITE	SHSM		
	VERMONT 12A	1	30	24	5.00																											MI-5 GREEN ON WHITE			E-136B
												LF	LF	LF	LF -	LF 60	LF 15		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 39.90	SF	EA. -	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 26

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_100.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 100 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 27

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 2+00 LT RANDOLPH VT ROUTE 12A	LEFT TURN YIELD TO THRU TRAFFIC	1	24	30	5.00						1					X		X														VR-615			
	WARNING WINTER PARKING BAN NO VEHICLE PARKING BETWEEN 2:00 AM TO 6:00 AM DURING THE PERIOD FROM NOVEMBER 1 TO MARCH 31 VIOLATORS SUBJECT TO TOWING AT OWNERS EXPENSE						1																												
STA. 2+28 LT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 2+38 RT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 3+50 RT RANDOLPH VT ROUTE 12A	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
~~STA. 4+28 LT~~ 4+28 ~~STA. 3+95~~ LT RANDOLPH VT ROUTE 12A	JCT	1	21	15	2.19		2				1					X		X														MOVED SIGN NORTH DUE TO SIGHT DISTANCE M2-1 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																										M1-5 GREEN ON WHITE			E-136B
STA. 5+66 LT RANDOLPH VT ROUTE 12A	NO PARKING THIS SIDE OF STREET	1	24	30	5.00						1					X		X																	
												LF	LF	LF	LF	LF 90	LF	EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 37.69	SF	EA. 1	SF				LF			LF 90				LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 27

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_101.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 101 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 28

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
	0121 0909 0011	1	6	10	0.42																											VD-700			E-138
STA. 11+03 RT RANDOLPH VT ROUTE 12A	Wallace Hill Rd	1	42	12	3.50						1					X		X													D3-1		138	
	STOP	1	30	30	6.25																											R1-1	SHSM		
STA. 11+08 RT						4																													
STA. 11+10 RT RANDOLPH VT ROUTE 12A	NORTH	1	24	24	4.00						1					X		X													M3-1 GREEN ON WHITE			E-136B
	VERMONT 12A	1	24	24	4.00																											M1-5 GREEN ON WHITE			E-136B
		1	21	15	2.19																											M6-2L GREEN ON WHITE			E-136B
	0121 0909 0021	1	6	10	0.42																											VD-700			E-138
STA. 11+29 RT RANDOLPH VT ROUTE 12A	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X													VR-017	SHSM		
STA. 11+30 RT RANDOLPH VT ROUTE 12A	STOP	1	30	30	6.25						1					X		X													R1-1	SHSM		
STA. 153+31 LT RANDOLPH VT ROUTE 12																																			
												LF	LF	LF	LF -	LF 60	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 32.03	SF	EA. -	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 28

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_102.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 102 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 29

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
STA. 13+42 RT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 13+55 LT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																										W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 14+67 RT RANDOLPH VT ROUTE 12A	13'-0"	1	36	36	9.00						2					X		X														W12-2	SHSM		
	10 MILES	1	30	24	5.00																											W16-3P	SHSM		
STA. 15+34 RT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X														W15-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 17+05 LT RANDOLPH VT ROUTE 12A	NO PARKING ON VILLAGE STREETS FROM MIDNIGHT TO 6AM NOV 1 TO APRIL 1 FOR SNOW REMOVAL						1				1					X		X																		
STA. 18+47 LT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																											W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 105	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 45.00	SF	EA. 1	SF							LF			LF 105					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 29

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_103.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 103 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 30

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVED & REINSTALLED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 18+61 RT RANDOLPH VT ROUTE 12A	HIDDEN DRIVE RIGHT	1	30	30	6.25						1					X		X															VW-054			E-154
STA. 19+60 LT RANDOLPH VT ROUTE 12A		1	30	30	6.25						1					X		X															WI5-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 20+14 LT RANDOLPH VT ROUTE 12A	STATE HIGHWAY ENDS	1	24	18	3.00						1						X	X															VR-038			E-141
	SPEED LIMIT 25	1	30	36	7.50																											R2-1	SHSM		
STA. 20+18 RT RANDOLPH VT ROUTE 12A	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X															VR-039			E-141
	SPEED LIMIT 40	1	24	30	5.00																											R2-1	SHSM		
												LF	LF	LF	LF -	LF 45	LF 15		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 31.00	SF	EA. -	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 30

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_104.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 104 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 31

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 2+04 LT RANDOLPH VT ROUTE 66	SOUTH TO NORTH	1	24	12	2.00						2												X	304								#3B	M3-1 GREEN ON WHITE	SHSM		
		1	24	12	2.00																												M4-5 GREEN ON WHITE	SHSM		
		1	24	12	2.00																												M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12 VERMONT 12A VERMONT 12	1	24	24	4.00																												M1-5 GREEN ON WHITE			E-136B
		1	30	24	5.00																												M1-5 GREEN ON WHITE			E-136B
		1	24	24	4.00																												M1-5 GREEN ON WHITE			E-136B
		1	21	15	2.19																												M6-2L GREEN ON WHITE	SHSM		
		1	21	15	2.19																												M6-2L GREEN ON WHITE	SHSM		
		1	21	15	2.19																												M6-2L GREEN ON WHITE	SHSM		
	H	1	24	24	4.00																												D9-2 WHITE ON BLUE	SHSM		
		1	21	15	2.19																												M6-2L BLUE ON WHITE	SHSM		
STA. 2+75 RT RANDOLPH VT ROUTE 66	SPEED LIMIT 25	1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 2+75 RT RANDOLPH VT ROUTE 66	EAST	1	24	12	2.00						1					X		X															M3-2 GREEN ON WHITE	SHSM		
	VERMONT 66	1	24	24	4.00																												M1-5 GREEN ON WHITE			E-136B
STA. 3+76 RT RANDOLPH VT ROUTE 66		1	30	30	6.25						1					X		X															SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																												W16-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 5+56 LT RANDOLPH VT ROUTE 66		1	36	36	9.00						2					X		X															W3-1	SHSM		
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB 304	LB	LB									
TOTALS					SF 60.01	SF	EA. -	SF				LF			LF 75					LB			EA. 2	LB 304				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 31

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_105.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 105 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 32

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 5+74 LT RANDOLPH VT ROUTE 66		1	30	30	6.25						1					X		X														RI-1	SHSM		
STA. 6+15 RT RANDOLPH VT ROUTE 66		1	30	30	6.25						1					X		X														SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 6+38 LT RANDOLPH VT ROUTE 66		1	30	30	6.25						1					X		X														SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 7+41 LT RANDOLPH VT ROUTE 66		1	30	30	6.25						1					X		X														SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING SIGN RAN OVER, REPLACED	SHSM		
		1	24	12	2.00																											WI6-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING SIGN RAN OVER, SALVAGED	SHSM		
STA. 7+85 LT RANDOLPH VT ROUTE 66		1	24	30	5.00						1					X		X																	
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."												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 36.00	SF	EA. -	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET 32

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_106.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 106 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 33

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED	SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
STA. 8+73 LT RANDOLPH VT ROUTE 66	Mound St						1																													
	STOP	1	30	30	6.25						1					X		X															RI-1	SHSM		
	0660 0909 0017	1	6	10	0.42																												VD-700			E-138
STA. 9+43 LT RANDOLPH VT ROUTE 66	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															VR-017			E-141
STA. 11+61 LT RANDOLPH VT ROUTE 66		1	30	30	6.25						1					X		X															W2-2	SHSM		
	Mound St	1	24	12	2.00																												W16-8	SHSM		
STA. 17+95 RT RANDOLPH VT ROUTE 66	Hedding Dr	1	30	12	2.50						1					X		X															D3-1			138
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 60	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 22.42	SF	EA. 1	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET 33

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_107.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 107 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 34

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	Village Garage	1	42	12	3.50																												D3-1		138	
	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00																												VR-017			E-141
STA. 18+40 RT RANDOLPH VT ROUTE 66	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
	0660 0909 0035	1	6	10	0.42																												VD-700			E-138
STA. 22+12 LT RANDOLPH VT ROUTE 66	Central St	1	30	12	2.50						1					X		X														D3-1		138	
STA. 22+46 RT RANDOLPH VT ROUTE 66	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X														VR-039			E-141
	SPEED LIMIT 40	1	24	30	5.00																												R2-1	SHSM		
STA. 22+49 LT RANDOLPH VT ROUTE 66	STATE HIGHWAY ENDS	1	24	18	3.00						1							X	X														VR-038			E-141
	SPEED LIMIT 25	1	30	36	7.50																												R2-1	SHSM		
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
															-	45	15																				
TOTALS		SF 36.17	SF	EA. -	SF							LF			LF 60					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 34

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_108.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 108 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 35

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 215+45 RT ~~NORTHFIELD~~ VT ROUTE 12A NORTHFIELD	STATE HIGHWAY ENDS	1	24	18	3.00						1						X	X															VR-038			E-141
	SPEED LIMIT 30	1	30	36	7.50																												R2-1	SHSM		
	0120 1213 0410	1	6	10	0.42																												VD-700			E-138
STA. 215+49 LT NORTHFIELD VT ROUTE 12A	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X															VR-039			E-141
	SPEED LIMIT 40	1	24	30	5.00																												R2-1	SHSM		
STA. 217+80 RT NORTHFIELD VT ROUTE 12A	HIDDEN DRIVE RIGHT	1	30	30	6.25						1					X		X															VW-054			E-154
STA. 225+86 LT NORTHFIELD VT ROUTE 12A		1	30	30	6.25						1					X		X															W11-6HD			E-153
STA. 229+39 RT NORTHFIELD VT ROUTE 12A		1	36	36	9.00						2					X		X															W3-1	SHSM		
	0120 1213 0434	1	6	10	0.42																												VD-700			E-138
STA. 231+51 RT NORTHFIELD VT ROUTE 12A	JCT END	1 1	21 24	15 12	2.19 2.00						2					X		X															M2-1 GREEN ON WHITE M4-6 GREEN ON WHITE	SHSM SHSM		
												LF	LF	LF	LF	LF 105	LF 15		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 45.03	SF	EA. -	SF				LF			LF 120					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 35

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_109.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 109 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 36

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	VERMONT 12 VERMONT 12A	1	24	24	4.00																												MI-5 GREEN ON WHITE			E-136B
		1	30	24	5.00																												MI-5 GREEN ON WHITE			E-136B
STA. 232+14 LT NORTHFIELD VT ROUTE 12A	SPEED LIMIT 30	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 233+87 LT NORTHFIELD VT ROUTE 12A	SOUTH	1	24	12	2.00						1					X		X														M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12A	1	30	24	5.00																												MI-5 GREEN ON WHITE			E-136B
STA. 234+89 RT NORTHFIELD VT ROUTE 12A	← Northfield 1	1	72	12	6.00						2												X	304								VDI-1A		136	
	← Montpelier 11	1	72	12	6.00																												VDI-1A		136	
	← Barre 17	1	72	12	6.00																												VDI-1A		136	
STA. 215+49 LT NORTHFIELD VT ROUTE 12A	THROUGH WAY BEGINS HERE																																			
STA. 215+45 RT NORTHFIELD VT ROUTE 12A	THROUGH WAY ENDS HERE																																			
												LF	LF	LF	LF -	LF 60	LF -	EA.	LB	LB	LB		LB 304	LB	LB	LB									
	TOTALS		SF 39.00	SF	EA. -	SF						LF			LF 60				LB			EA. 2	LB 304				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 36

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_110.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 110 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 37

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	NORTH TO SOUTH	1	24	12	2.00																											*3	M3-1 GREEN ON WHITE	SHSM		
		1	24	12	2.00																												M4-5 WHITE ON BLUE	SHSM		
		1	24	12	2.00																												M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12 INTERSTATE 89 VERMONT 12	1	24	24	4.00																												M1-5 GREEN ON WHITE			E-136B
		1	24	24	4.00																												M1-1 WHITE ON BLUE			E-136B
		1	24	24	4.00																												M1-5 GREEN ON WHITE			E-136B
		1	21	15	2.19																												M6-1L GREEN ON WHITE	SHSM		
		1	21	15	2.19																												M6-1R WHITE ON BLUE	SHSM		
		1	21	15	2.19																												M6-1R GREEN ON WHITE	SHSM		
STA. 235+59 RT NORTHFIELD VT ROUTE 12A	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
	0121 1213 0449	1	6	10	0.42																												VD-700			E-138
STA. 234+74 RT	TO INTERSTATE 89					3																														

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."

											LF	LF	LF	LF -	LF 15	LF		EA.	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						
TOTALS	SF 31.24	SF	EA. -	SF		LF			LF 15					LB			EA.	LB																		

TRAFFIC SIGN SUMMARY SHEET 37

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_111.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 111 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 38

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 161+15 LT NORTHFIELD VT ROUTE 12	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X														VR-039			E-141
	SPEED LIMIT 40	1	24	30	5.00																											R2-1	SHSM		
STA. 161+15 RT NORTHFIELD VT ROUTE 12	STATE HIGHWAY ENDS	1	24	18	3.00						1						X	X														VR-038			E-141
	SPEED LIMIT 30	1	30	36	7.50																											R2-1	SHSM		
STA. 163+00 RT NORTHFIELD VT ROUTE 12	SALT REDUCTION AREA	1	36	36	9.00						2					X		X														VW-290			E-150
	0120 1213 0306	1	6	10	0.42																														
																																VD-700			E-138
TOTALS		SF 27.92	SF	EA.	SF		LF		LF 60			LB			EA.	LB			EA.	EA.	LB														

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."

TRAFFIC SIGN SUMMARY SHEET 38

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_112.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 112 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 39

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) lb/ft FOUNDATION	3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 166+00 RT NORTHFIELD VT ROUTE 12	Northfield 1	1	72	12	6.00						2												X		450								VDI-1A		136	
	Montpelier 11	1	72	12	6.00																												VDI-1A		136	
	Barre 17	1	72	12	6.00																												VDI-1A		136	
	Roxbury 7	1	72	12	6.00																												VDI-1A		136	
	SOUTH NORTH	1 1	24 24	12 12	2.00 2.00																											#2A	M3-1 GREEN ON WHITE M3-3 GREEN ON WHITE	SHSM SHSM		
	VERMONT 12A VERMONT 12	1 1	30 24	24 24	5.00 4.00																												MI-5 GREEN ON WHITE MI-5 GREEN ON WHITE			E-136B E-136B
		1 1	21 21	15 15	2.19 2.19																												M6-1L GREEN ON WHITE M6-3 GREEN ON WHITE	SHSM SHSM		
STA. 168+56 RT NORTHFIELD VT ROUTE 12	Overlook Dr	1	36	12	3.00						1					X		X															D3-1		138	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 165+60 LT						2																															
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."												LF	LF	LF	LF	LF 15	LF		EA.	LB	LB	LB		LB 450	LB	LB	LB									
	TOTALS				SF 50.63	SF	EA. -	SF				LF			LF 15					LB			EA. 2	LB 450				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET 39

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_113.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 113 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 40

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 169+00 LT NORTHFIELD VT ROUTE 12	Randolph 16	1	72	12	6.00						2												X		450								VDI-1A		136	
	Bethel 24	1	72	12	6.00																												VDI-1A		136	
	Roxbury 7	1	72	12	6.00																												VDI-1A		136	
	Randolph 21	1	72	12	6.00																												VDI-1A		136	
	SOUTH TO SOUTH	1	24	12	2.00																												M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	12	2.00																												M4-5 WHITE ON BLUE	SHSM		
	INTERSTATE 89	1	24	12	2.00																												M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12A	1	24	24	4.00																											#3A	MI-5 GREEN ON WHITE			E-136B
		1	24	24	4.00																												MI-1 WHITE ON BLUE	SHSM		
		1	30	24	5.00																												MI-5 GREEN ON WHITE			E-136B
		1	21	15	2.19																												M6-3 GREEN ON WHITE	SHSM		
		1	21	15	2.19																												M6-3 WHITE ON BLUE	SHSM		
		1	21	15	2.19																												M6-1R GREEN ON WHITE	SHSM		
STA. 170+20 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	AHEAD	1	24	12	2.00																												WI6-9P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 170+25 LT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															RI-1	SHSM		
~~STA. 170+25 LT NORTHFIELD VT ROUTE 12~~	DO NOT ENTER	1	30	30	6.25						1					X		X															R5-1	SHSM		
STA. 170+61 LT NORTHFIELD VT ROUTE 12	Park Av	1	24	12	2.00						1					X		X															D3-1		138	
	STOP	1	30	30	6.25																												RI-1	SHSM		
												LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB									
															-	60	-								450											
	TOTALS	SF	SF	EA.	SF							LF			LF				LB			EA.	LB				EA.	EA.	LB						
		78.57		-											60							2	450												

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."

TRAFFIC SIGN SUMMARY SHEET 40

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_114.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 114 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 41

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
~~STA. 170+62 LT NORTHFIELD VT ROUTE 12~~	DO NOT ENTER	1	30	30	6.25						1					X		X														R5-1 BACK TO BACK WITH STOP SIGN/ PARK AV. AT STA. 170+61LT	SHSM		
STA. 170+83 LT NORTHFIELD VT ROUTE 12	JCT	1	21	15	2.19						1					X		X														M2-1 GREEN ON WHITE	SHSM		
	VERMONT 12A	1	30	24	5.00																											MI-5 GREEN ON WHITE			E-136B
STA. 170+86 LT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														MOUNT SIGN ON EXISTING WOOD POST	SHSM		
STA. 170+91 RT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X														R2-1	SHSM		
	~~NOTICE~~ ~~NO PARKING ON ANY STREET MOVES TO APPLY 11:00AM-6:00AM~~						1																									NO EXISTING SIGN			
STA. 172+46 RT NORTHFIELD VT ROUTE 12	Alpine Dr	1	30	12	2.50						1					X		X														D3-1		138	
	STOP	1	30	30	6.25																											R1-1	SHSM		
	0120 1213 0326	1	6	10	0.42																											VD-700			E-138
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 33.86	SF	EA. 1	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 41

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_115.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 115 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 42

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM Ø (in) lb/ft			TUBULAR STEEL Ø (in)					W-SHAPE STEEL				SIGN FRAME REQUIRED	SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.88	2.42	3.35	ANCHOR	SLEEVE	1.3	1.7	1.7	FOUND-ATION	7.6	9.0	10.8	14.6	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0									
STA. 173+72 LT NORTHFIELD VT ROUTE 12	University Dr	1	36	12	3.00						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		
STA. 175+65 RT NORTHFIELD VT ROUTE 12	Stagecoach Rd	1	42	12	3.50						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		
	0120 1213 0333	1	6	10	0.42																											VD-700			E-138
STA. 177+45 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 178+15 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 60	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 35.92	SF	EA.	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 42

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_116.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 116 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 43

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 180+11 RT NORTHFIELD VT ROUTE 12	Winter St	1	30	12	2.50						1					X		X															D3-1		139	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 184+82 RT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															R1-1	SHSM		
STA. 185+30 LT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 185+89 RT NORTHFIELD VT ROUTE 12	Crescent Av	1	36	12	3.00						1					X		X															D3-1		139	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 186+26 RT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 189+68 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 90	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 42.50	SF	EA. -	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 43

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_117.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 117 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 44

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN ERECTION REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 190+00 LT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															RI-1 MOUNT SIGN ON EXISTING WOODEN POST	SHSM		
STA. 190+55 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 191+93 RT NORTHFIELD VT ROUTE 12	Crescent Av	1	36	12	3.00						1					X		X															D3-1		139	
STA. 192+35 RT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															RI-1	SHSM		
STA. 192+62 RT NORTHFIELD VT ROUTE 12	NO PARKING THIS SIDE						1				1					X		X																		
STA. 192+54 LT NORTHFIELD VT ROUTE 12	Central St	1	30	12	2.50						1					X		X															D3-1		139	
	STOP	1	30	30	6.25																												RI-1	SHSM		
	SPEED LIMIT 30					1																														
TOTALS		SF 32.50	SF	EA. 1	SF							LF	LF	LF	LF	LF 90	LF	EA.		LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 44

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_118.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 118 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 45

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 193+13 LT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 194+20 RT NORTHFIELD VT ROUTE 12	NO PARKING	1	24	30	5.00						1					X		X														R8-3a	SHSM		
STA. 194+58 RT NORTHFIELD VT ROUTE 12	Spring St	1	30	12	2.50						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		

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."

												LF	LF	LF	LF	LF 45	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS	SF 18.75	SF	EA. -	SF		LF			LF 45			LB			EA.	LB				EA.	EA.	LB														

TRAFFIC SIGN SUMMARY SHEET 45

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_119.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 119 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 46

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 199+53 RT NORTHFIELD VT ROUTE 12	NO PARKING BETWEEN SIGNS	1	24	30	5.00						1					X		X																		
STA. 199+97 RT NORTHFIELD VT ROUTE 12	Noridge Dr	1	30	12	2.50						1					X		X																D3-1		139	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 200+12 RT NORTHFIELD VT ROUTE 12	NO PARKING BETWEEN SIGNS		24	30	5.00						1					X		X																		
STA. 200+66 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X																W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 200+85 LT NORTHFIELD VT ROUTE 12	Washington St	1	42	12	3.50						1					X		X																D3-1		139	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 201+15 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X																W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
												LF	LF	LF	LF	LF 90	LF	EA.		LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 45.00	SF	EA. -	SF				LF			LF 90					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 46

BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_120.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 120 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 47

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 202+18 LT NORTHFIELD VT ROUTE 12	NO PARKING THIS SIDE	1	24	30	5.00						1					X		X																		
STA. 204+77 LT NORTHFIELD VT ROUTE 12	South St	1	24	12	2.00						1					X		X																D3-1		139	
	STOP	1	30	30	6.25																												RI-1	SHSM		
	0120 1213 0388	1	6	10	0.42																												VD-700			E-138
STA. 208+42 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 208+46 RT NORTHFIELD VT ROUTE 12	NO PARKING BETWEEN SIGNS	1	24	30	5.00						1					X		X																		
STA. 208+66 RT NORTHFIELD VT ROUTE 12	S. Main St	1	30	12	2.50						1					X		X															D3-1		139	
	Prospect St	1	36	12	3.00																											D3-1		139	
												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 32.42	SF	EA. -	SF							LF			LF 75					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 47

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_121.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 121 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 48

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN REMOVE REQUIRED	SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
STA. 209+03 RT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X															RI-1	SHSM		
STA. 209+08 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 209+17 RT NORTHFIELD VT ROUTE 12	NO PARKING BETWEEN SIGNS	1	24	30	5.00						1					X		X																		
STA. 211+75 RT NORTHFIELD VT ROUTE 12	NO PARKING BETWEEN SIGNS	1	24	30	5.00						1					X		X																		
STA. 212+15 RT NORTHFIELD VT ROUTE 12	Elm St	1	24	12	2.00						1					X		X															D3-1		139	
	STOP	1	30	30	6.25																												R1-1	SHSM		
STA. 212+36 RT NORTHFIELD VT ROUTE 12	NO PARKING BETWEEN SIGNS	1	24	30	5.00						1					X		X																		
STA. 214+91 LT NORTHFIELD VT ROUTE 12	NO PARKING	1	24	30	5.00						1					X		X															R8-3a	SHSM		
STA. 209+08 LT STA. 211+75 RT NORTHFIELD VT ROUTE 12	BUS STOP					1 1	1 1																												
												LF	LF	LF	LF -	LF 105	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 42.75	SF	EA. -	SF							LF			LF 105					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 48

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_122.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 122 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 49

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS)	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
214+98 STA. ~~215+36~~ RT NORTHFIELD VT ROUTE 12	Slate Av	1	24	12	2.00						1					X		X															D3-1 MOVED SIGN ACROSS STREET FOR BETTER SIGHT DISTANCE		139	
STA. 215+36 RT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25																												RI-1 SET SIGN ON NEW POST	SHSM		
STA. 217+24 RT NORTHFIELD VT ROUTE 12	Kent St	1	24	12	2.00						2						X	X															D3-1		139	
	B-B ONE WAY ONE WAY	1	36	12	3.00																												R6-1L	SHSM		
		1	36	12	3.00																												R6-1R	SHSM		
	NOTICE WATER PARKING BAN NO PARKING ANY STREET NOW TO THE 15 TODAY TO 6:00AM						+																										PARKING SIGN NOT EXISTING			
STA. 218+19 LT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 215+60 NORTHFIELD VT ROUTE 12	NO PARKING HERE TO CORNER																																			
											LF	LF	LF	LF -	LF 30	LF 30		EA.	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 21.25	SF	EA. 1	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 49

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_123.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 123 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 50

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 218+73 LT NORTHFIELD VT ROUTE 12	SOUTH	1	24	12	2.00						1					X		X														M3-3 GREEN ON WHITE	SHSM		
	VERMONT 12	1	24	24	4.00																											MI-5 GREEN ON WHITE			E-136B
STA. 219+03 LT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
~~STA. 219+03 LT NORTHFIELD VT ROUTE 12~~	DO NOT ENTER	1	30	30	6.25						1					X		X														R5-1 INSTALLED BACK TO BACK WITH STOP SIGH AT STA. 219+03 LT	SHSM		
	B-B ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00																											R6-1L R6-1R	SHSM SHSM		
STA. 219+45 LT NORTHFIELD VT ROUTE 12	STOP	1	30	30	6.25						1					X		X														RI-1	SHSM		
~~STA. 219+45 LT NORTHFIELD VT ROUTE 12~~	DO NOT ENTER	1	30	30	6.25						1					X		X														R5-1 INSTALLED BACK TO BACK WITH STOP SIGH AT STA. 219+45 LT	SHSM		
	B-B ONE WAY ONE WAY	1 1	36 36	12 12	3.00 3.00																											R6-1L R6-1R	SHSM SHSM		
STA. 219+03 LT NORTHFIELD VT ROUTE 12	TO																																		
STA 218+73 NORTHFIELD VT ROUTE 12																																			
												LF	LF	LF	LF	LF 75	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 43.00	SF	EA. -	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 50

BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_124.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 124 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 51

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVE REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 219+62 LT NORTHFIELD VT ROUTE 12	Depot Sq	1	30	12	2.50						1					X		X														D3-1		139	
STA. 219+83 LT NORTHFIELD VT ROUTE 12	YIELD	1	36	36	3.90						2					X		X														R2-1	SHSM		
	B-B ONE WAY ONE WAY	1	36	12	3.00																											R6-1L	SHSM		
		1	36	12	3.00																											R6-1R	SHSM		
STA. 220+30 LT NORTHFIELD VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
	B-B ONE WAY ONE WAY	1	36	12	3.00																											R6-1L	SHSM		
		1	36	12	3.00																											R6-1R	SHSM		
STA. 220+41 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	2 HR PARKING BETWEEN SIGNS						1																									R7-108	SHSM		
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."												LF	LF	LF	LF -	LF 75	LF -		EA.	LB	LB	LB	EA.	LB	LB	LB	LB									
	TOTALS				SF 31.65	SF	EA. 1	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET 51

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_125.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 125 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 52

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 220+84 RT NORTHFIELD VT ROUTE 12	East St	1	24	12	2.00						1					X		X															D3-1		139	
	Memorial Park	1	42	12	3.50																												REMOVED SIGN ON 7/10/15 NEED BRACKET TO INSTALL D3-1 INSTALLED SIGN ON 8/13/13		139	
	STOP	1	30	30	6.25																												R1-1 REMOVED CONCRETE BOLLARD ON	SHSM		
STA. 222+87 RT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	SHSM		
	NO PARKING	1	24	30	5.00																												R8-3	SHSM		
STA. 220+84 RT NORTHFIELD VT ROUTE 12																																				
STA. 220+84 RT NORTHFIELD VT ROUTE 12																																				
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."												LF	LF	LF	LF -	LF 30	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 21.75	SF	EA. -	SF				LF			LF 30					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET 52

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_126.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 126 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 53

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 222+95 LT NORTHFIELD VT ROUTE 12							1																										NO SIGN EXISTING			
STA. 222+95 LT NORTHFIELD VT ROUTE 12																																				
STA. 224+02 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																													W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 224+17 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																													W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 227+23 LT NORTHFIELD VT ROUTE 12		1	24	12	2.00						1					X		X															D3-1		139	
		1	30	30	6.25																													R1-1	SHSM		
		1	6	10	0.42																													VD-700			E-138
												LF	LF	LF	LF -	LF 45	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 25.17	SF	EA. 1	SF							LF			LF 45					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 53

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_127.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 54

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUND-ATION	lb/ft 3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMAINS REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 227+50 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 227+98 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															WII-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																												WI6-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
STA. 228+75 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X															VR-92IL			E-145A
STA. 231+00 LT NORTHFIELD VT ROUTE 12		1	24	30	5.00						1					X		X															R2-1	SHSM		
STA. 231+31 RT NORTHFIELD VT ROUTE 12		1	24	30	5.00						1					X		X															RIO-IIA	SHSM		
STA. 228+41 RT NORTHFIELD VT ROUTE 12																																				
STA. 228+12 RT NORTHFIELD VT ROUTE 12																																				
												LF	LF	LF	LF	LF 75	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 32.75	SF	EA.	SF				LF			LF 75					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 54

BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_128.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 128 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 55

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REMOVE REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 231+44 LT NORTHFIELD VT ROUTE 12	Vine St	1	24	12	2.00						1					X		X														D3-1 SIGNS BACK TO BACK REMOVED		139	
	B-B NORTHFIELD SCHOOLS NORTHFIELD SCHOOLS						2																													
STA. 231+50 LT NORTHFIELD VT ROUTE 12	NO RIGHT TURN ON RED	1	24	30	5.00						1					X		X														R10-11A			E-140
STA. 232+12 LT NORTHFIELD VT ROUTE 12	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 232+27 LT NORTHFIELD VT ROUTE 12	NO RIGHT TURN ON RED	1	24	30	5.00						1					X		X														R10-11A			E-140
STA. 232+75 RT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 234+52 LT NORTHFIELD VT ROUTE 12	ONLY	1	30	30	6.25						1					X		X														VR-92I			E-145A
STA. 235+96 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														W3-3	SHSM		
STA. 238+91 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														S1-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
	SCHOOL	1	24	8	1.33																											S4-3 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
												LF	LF	LF	LF -	LF 120	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 42.08	SF	EA. 2	SF				LF			LF 120						LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 55

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_129.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 129 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 56

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 239+75 LT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00																											R2-1	SHSM		
STA. 239+98 LT NORTHFIELD VT ROUTE 12	Parson Ln	1	30	12	2.50						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		
	0120 1213 0455	1	6	10	0.42																											VD-700			E-138
STA. 240+61 RT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 240+82 LT NORTHFIELD VT ROUTE 12		1	30	30	6.25						1					X		X														W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING	SHSM		
		1	24	12	2.00																											W16-7P FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING			E-146
STA. 240+97 RT NORTHFIELD VT ROUTE 12	Belknap St	1	30	12	2.50						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		
												LF	LF	LF	LF -	LF 60	LF -		EA.	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 39.42	SF	EA. -	SF				LF			LF 60					LB			EA.	LB				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 56

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_130.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 130 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 57

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAMME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 249+33 RT NORTHFIELD VT ROUTE 12	SPEED LIMIT 30	1	24	30	5.00						1					X		X														R2-1	SHSM		
STA. 250+52 RT NORTHFIELD VT ROUTE 12	Sherman Av	1	36	12	3.00						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		
	0120 1213 0475	1	6	10	0.42																											VD-700			E-138
STA. 254+31 RT NORTHFIELD VT ROUTE 12	Houston St	1	30	12	2.50						1					X		X														D3-1		139	
	STOP	1	30	30	6.25																											R1-1	SHSM		
	0120 1213 0482	1	6	10	0.42																											VD-700			E-138
STA. 240+97 RT NORTHFIELD VT ROUTE 12	0120 1213 0455																																		
												LF	LF	LF	LF -	LF 45	LF -		EA.	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 23.84	SF	EA.	SF				LF			LF 45					LB			EA.	LB				EA.	EA.	LB					

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."

TRAFFIC SIGN SUMMARY SHEET 57

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_131.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 131 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 58

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) lb/ft FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
STA. 255+50 LT NORTHFIELD VT ROUTE 12	STATE HIGHWAY ENDS	1	24	18	3.00						1					X		X															VR-038			E-141
	SPEED LIMIT 30	1	24	30	5.00																												R2-1	SHSM		
STA. 255+50 RT NORTHFIELD VT ROUTE 12	STATE HIGHWAY BEGINS	1	24	18	3.00						1					X		X															VR-039			E-141
	~~SPEED LIMIT 30~~ SPEED LIMIT 35	1	24	30	5.00																												INSTALLED SPEED LIMIT 35 MPH SIGN R2-1 REMOVED SPEED LIMIT 35 MPH SIGN	SHSM		
STA. 255+50 LT NORTHFIELD VT ROUTE 12	0120 1213 XXXX																																			
	SUBTOTAL THIS SHEET				16.00		-								-	30							-	-												
	TSS SHEET 1 TOTAL				51.49		-								-	30	15						2	304												
	TSS SHEET 2 TOTAL				45.11		-								-	105	-						-	-												
	TSS SHEET 3 TOTAL				38.59		-								-	90	-						-	-												
	TSS SHEET 4 TOTAL				32.63		-								-	75	-						-	-												
	TSS SHEET 5 TOTAL				42.44		-								-	90	-						-	-												
	TSS SHEET 6 TOTAL				29.40		1								-	90	-						-	-												
	TSS SHEET 7 TOTAL				34.30		-								-	60	-						-	-												
	TSS SHEET 8 TOTAL				24.75		-								-	45	-						-	-												
	TSS SHEET 9 TOTAL				41.33		1								-	75	15						-	-												
	TSS SHEET 10 TOTAL				40.94		-								-	90	-						-	-												
	TSS SHEET 11 TOTAL				38.34		-								-	90	-						-	-												
	TSS SHEET 12 TOTAL				42.04		-								-	105	-						-	-												
	TSS SHEET 13 TOTAL				48.08		-								-	90	-						-	-												
	TSS SHEET 14 TOTAL				40.50		2								-	75	-						-	-												
	TSS SHEET 15 TOTAL				34.85		2								-	75	-						-	-												
					LF	LF	LF					LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
															-	1185	30																			
	TOTALS				SF 584.79	SF	EA. 6	SF				LF			LF 1215					LB			EA. 2	LB 304				EA.	EA.	LB						

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."

TRAFFIC SIGN SUMMARY SHEET 58

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_132.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 132 OF 149

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 59

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHSM = STANDARD HIGHWAY SIGNS AND MARKINGS	SIGN DETAIL DETAIL IN SHSM	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
	TSS SHEET 16 TOTAL				29.75		2		1						-	45	-						-	-											
	TSS SHEET 17 TOTAL				33.50		1								-	75	-						-	-											
	TSS SHEET 18 TOTAL				35.25		1								-	75	-						-	-											
	TSS SHEET 19 TOTAL				49.82		-		3						-	-	-						-	-											
	TSS SHEET 20 TOTAL				66.76		-		4						-	-	-						-	-	-										
	TSS SHEET 21 TOTAL				43.57		-		1						-	45	-						-	-											
	TSS SHEET 22 TOTAL				32.19		1								-	75	-						-	-											
	TSS SHEET 23 TOTAL				38.57		-								-	30	-						2	380											
	TSS SHEET 24 TOTAL				27.50		-								-	60	-						-	-											
	TSS SHEET 25 TOTAL				48.50		-								-	90	-						-	-											
	TSS SHEET 26 TOTAL				39.90		-								-	60	15						-	-											
	TSS SHEET 27 TOTAL				37.69		1								-	90	-						-	-											
	TSS SHEET 28 TOTAL				32.03		-								-	60	-						-	-											
	TSS SHEET 29 TOTAL				45.00		1								-	105	-						-	-											
	TSS SHEET 30 TOTAL				31.00		-								-	45	15						-	-											
	TSS SHEET 31 TOTAL				60.01		-								-	75	-						2	304											
	TSS SHEET 32 TOTAL				36.00		-								-	75	-						-	-											
	TSS SHEET 33 TOTAL				22.42		1								-	60	-						-	-											
	TSS SHEET 34 TOTAL				36.17		-								-	45	15						-	-											
	TSS SHEET 35 TOTAL				45.03		-								-	105	15						-	-											
	TSS SHEET 36 TOTAL				39.00		-								-	60	-						2	304											
	TSS SHEET 37 TOTAL				31.24		-								-	15	-						-	-											
	TSS SHEET 38 TOTAL				27.92		-								-	45	15						-	-											
	TSS SHEET 39 TOTAL				50.63		-								-	15	-						2	-	450										
	TSS SHEET 40 TOTAL				78.57		-								-	60	-						2	-	450										
	TSS SHEET 41 TOTAL				33.86		1								-	75	-						-	-											
	TSS SHEET 42 TOTAL				35.92		-								-	60	-						-	-											
	TSS SHEET 43 TOTAL				42.50		-								-	90	-						-	-											
	TSS SHEET 44 TOTAL				32.50		1								-	90	-						-	-											
	TSS SHEET 45 TOTAL				18.75		-								-	45	-						-	-											
	TSS SHEET 46 TOTAL				45.00		-								-	90	-						-	-											
	TSS SHEET 47 TOTAL				32.42		-								-	75	-						-	-											
	TSS SHEET 48 TOTAL				42.75		-								-	105	-						-	-											
	TSS SHEET 49 TOTAL				21.25		1								-	30	30						-	-											
	TSS SHEET 50 TOTAL				43.00		-								-	75	-						-	-											
	TSS SHEET 51 TOTAL				31.65		1								-	75	-						-	-											
	TSS SHEET 52 TOTAL				21.75		-								-	30	-						-	-											
	TSS SHEET 53 TOTAL				25.17		1								-	45	-						-	-											
	TSS SHEET 54 TOTAL				32.75		-								-	75	-						-	-											
	TSS SHEET 55 TOTAL				42.08		2								-	120	-						-	-											
	TSS SHEET 56 TOTAL				39.42		-								-	60	-						-	-											
	TSS SHEET 57 TOTAL				23.84		-								-	45	-						-	-											
	TSS SHEET 58 TOTAL				16.00		-								-	30	-						-	-											
	SUBTOTAL SHEET 55				584.79		6								-	1185	30						2	304	-										
	SUBTOTAL THIS SHEET				1598.63		15								-	2625	105						10	988	900										
	SUBTOTAL				2183.42							LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB									
	ROUNDING				26.58										-	3810	135							1292	900										
	TOTALS				SF 2210	SF	EA. 21	SF				LF			LF 3945					LB			EA. 12	LB 2192				EA.	EA.	LB						

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."

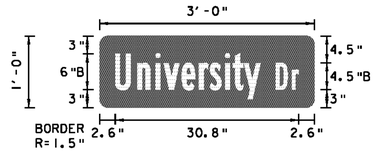
TRAFFIC SIGN SUMMARY SHEET 59

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

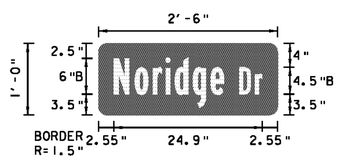
FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_133.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 133 OF 149

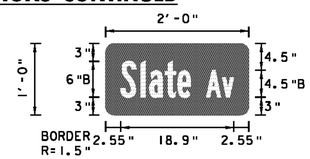
NORTHFIELD SIGNS CONTINUED



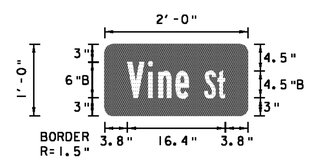
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



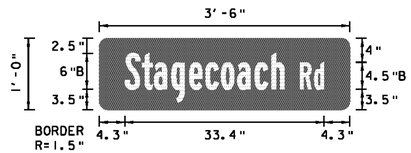
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



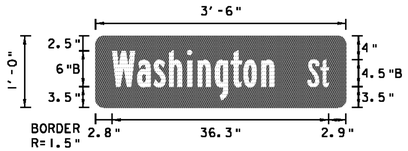
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



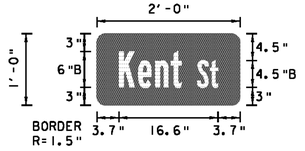
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



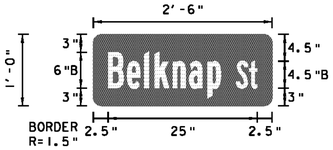
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



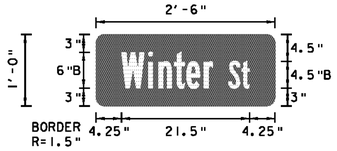
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



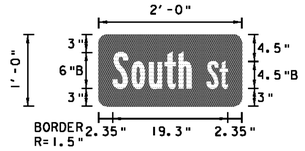
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



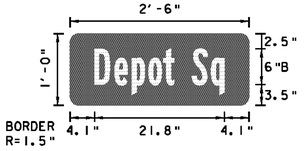
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



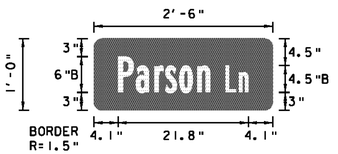
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



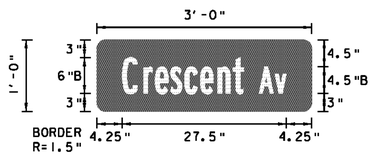
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



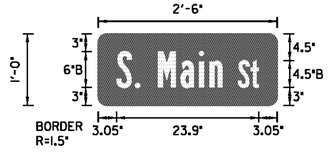
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



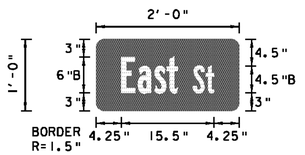
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



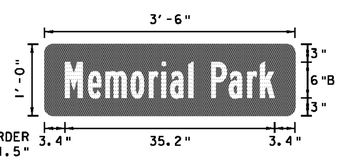
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



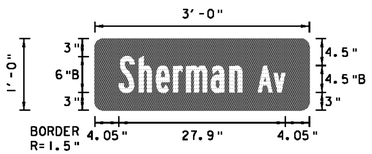
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



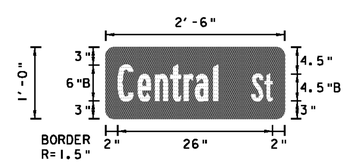
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



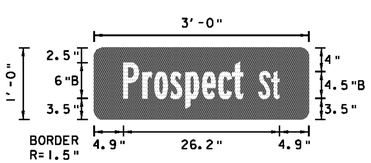
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



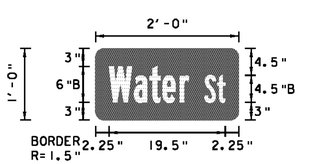
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



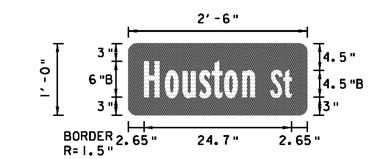
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



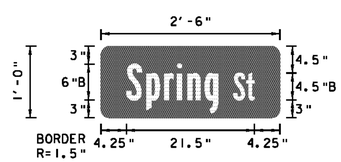
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



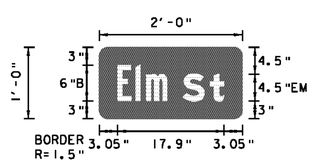
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition

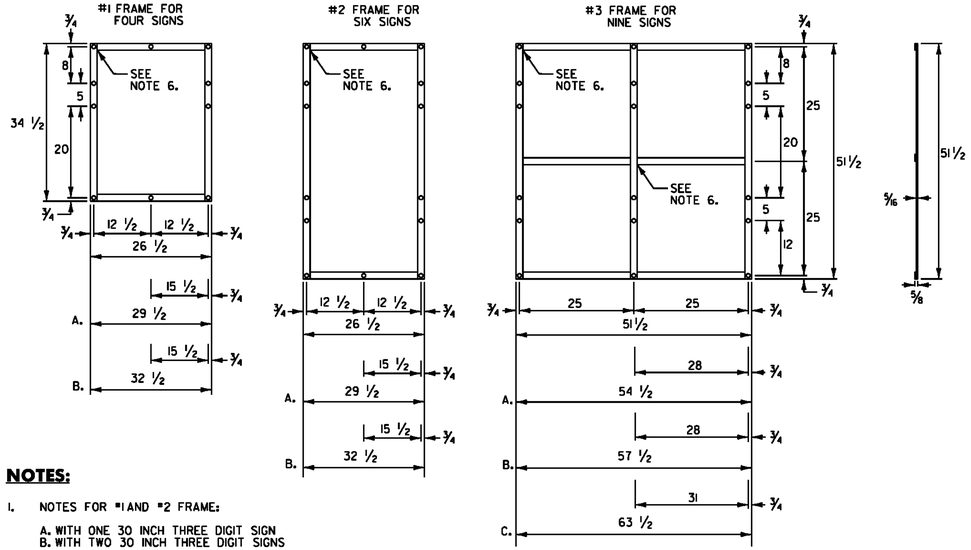
TRAFFIC SIGN DETAIL SHEET 4

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_139.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

ROUTE MARKER ASSEMBLY FRAMES



NOTES:

1. NOTES FOR #1 AND #2 FRAME:

   A. WITH ONE 30 INCH THREE DIGIT SIGN
   B. WITH TWO 30 INCH THREE DIGIT SIGNS

2. NOTES FOR #3 FRAME:

   A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
   B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
   C. WITH THREE 30 INCH THREE DIGIT SIGNS.

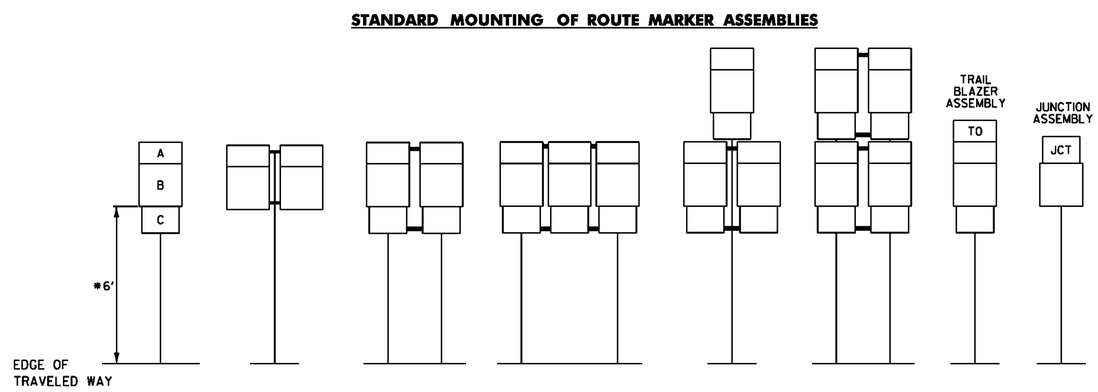
3. ALL HOLES SHALL BE 7/16 INCH DIAMETER. FOR OTHER SIGN COMBINATIONS THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.

4. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.

5. FRAMES SHALL BE CONSTRUCTED OF 5/16 INCH x 1 1/2 INCH A-36 STEEL.

6. ALL OVERLAPPED CONNECTIONS SHALL BE WELDED WITH TWO 1/4 INCH WIDE FILLET WELDS, 1 1/2 INCHES LONG.

STANDARD MOUNTING OF ROUTE MARKER ASSEMBLIES



A - CARDINAL DIRECTION MARKER
B - ROUTE NUMBER
C - ADVANCE TURN ARROW OR DIRECTIONAL ARROW

* WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO SEVEN FEET

INSTALLATION SEQUENCE:

IN MULTIPLE HORIZONTAL MOUNTINGS, PLACE A ROUTE MARKER ASSEMBLY INDICATING A LEFT TURN ON THE LEFT SIDE OF THE ASSEMBLY; RIGHT TURN ON THE RIGHT SIDE. FOR VERTICALLY STACKED MOUNTINGS PLACE THE STRAIGHT THROUGH MOVE INDICATION ON TOP, THE LEFT OR RIGHT TURNS AS APPROPRIATE BENEATH.

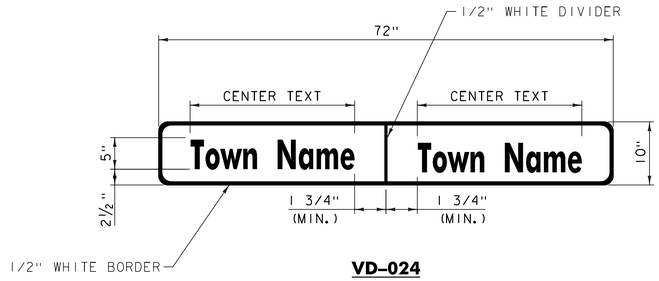
NOTE:
VERTICAL FRAME MEMBERS SHALL LINE UP WITH SIGN POST ON WHICH THEY ARE MOUNTED.

SIGN FRAME DETAIL SHEET

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10B206_140.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 140 OF 149



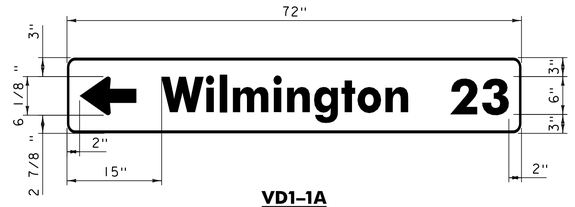
VD-024

1.) WORD TO WORD SPACING FOR COUNTIES AND TWO WORD TOWN NAMES ARE ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENT.

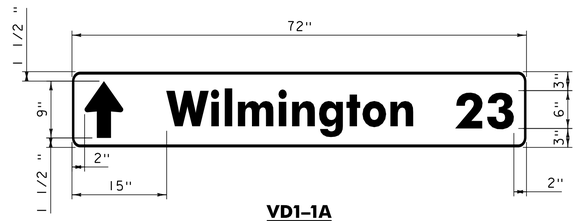
2.) FONT SPACING MAY BE ADJUSTED TO MEET DIMENSION REQUIREMENT.

3.) DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.

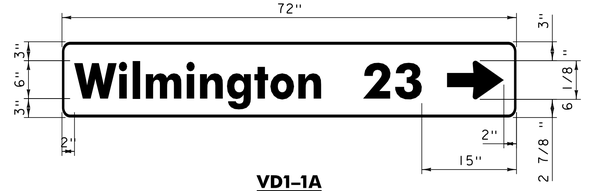
4.) SIGN SHALL BE GREEN BACKGROUND WITH WHITE LETTERS.



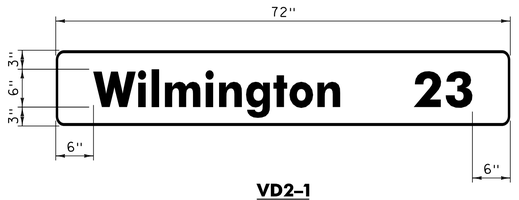
VD1-1A



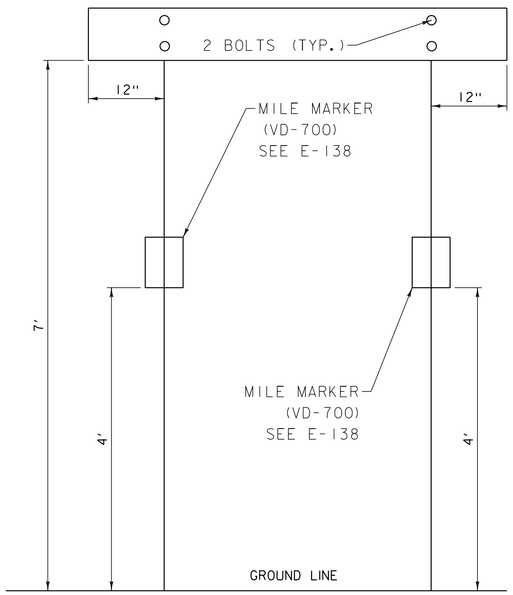
VD1-1A



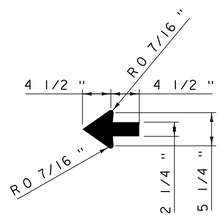
VD1-1A



VD2-1



TOWN LINE SIGN PLACEMENT



STANDARD SHSM 2.25" ARROW

STANDARD DESTINATION SIGN NOTES VD1-1A, VD2-1

1.) THE DESTINATION SIGN SHOWN ON THIS SHEET SHALL HAVE WHITE RETROREFLECTIVE ASTM TYPE III OR IV TEXT, ARROWS AND BORDERS ON A GREEN RETROREFLECTIVE ASTM TYPE III OR IV BACKGROUND. RETROREFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF AASHTO M 268 (ASTM D4956).

2.) USE THE LARGEST LETTER / THICKEST FONT AVAILABLE THAT WILL SATISFY THE MINIMUM SPACING REQUIREMENTS, AS SHOWN IN THE DETAILS ABOVE; I.E. IF A 6" SERIES C LETTER DOES NOT WORK, DUE TO THE LENGTH OF THE WORD, USE A 6" SERIES B LETTER. IF A 6" SERIES B LETTER DOES NOT WORK, USE A 5" SERIES C. IF A 5" SERIES C LETTER DOES NOT WORK, USE A 5" SERIES B. USE NO LESS THAN 80% KERNING.

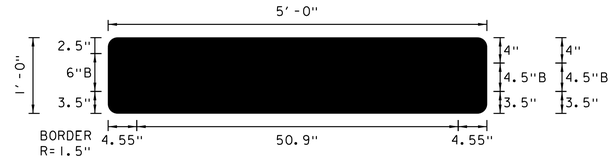
TRAFFIC SIGN DETAIL SHEET 1

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

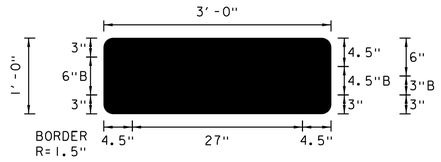
FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_136.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 136 OF 149

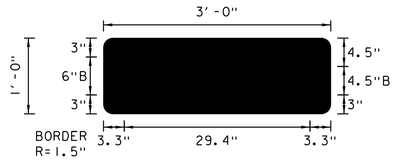
BETHEL SIGNS



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition

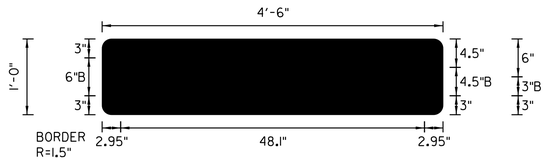


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M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition





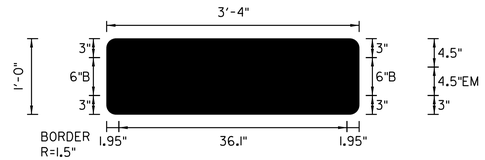
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M.U.T.C.D.: 2009 Edition

TRAFFIC SIGN DETAIL SHEET 2

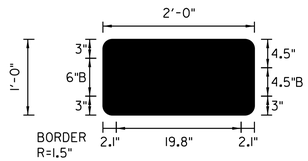
PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_137.i

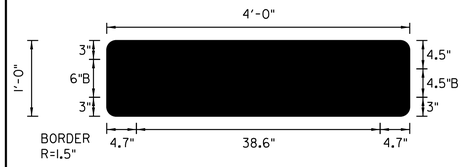
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 137 OF 149



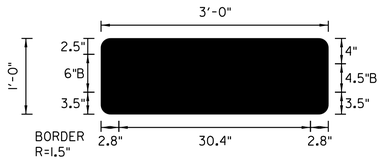
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M.U.T.C.D.: 2009 Edition



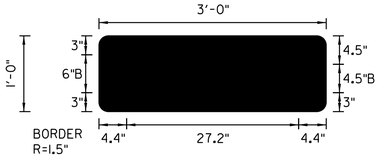
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M.U.T.C.D.: 2009 Edition



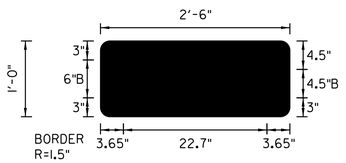
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M.U.T.C.D.: 2009 Edition



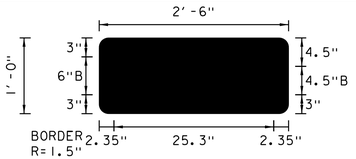
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M.U.T.C.D.: 2009 Edition



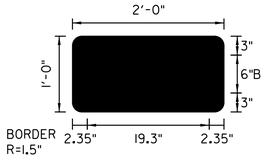
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M.U.T.C.D.: 2009 Edition



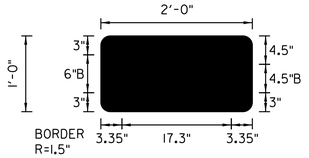
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M.U.T.C.D.: 2009 Edition



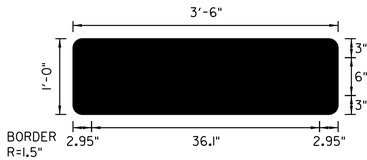
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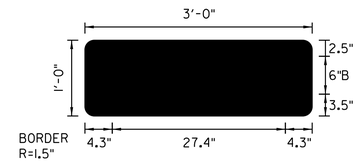
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M.U.T.C.D.: 2009 Edition



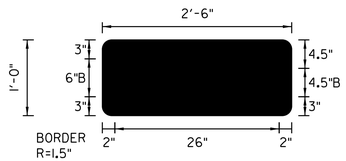
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M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
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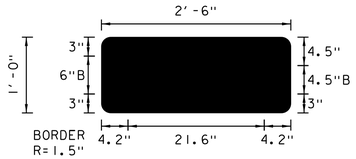


Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition

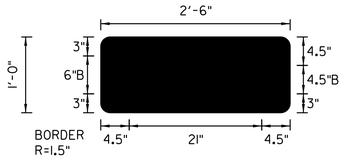


Panel Style: Street Name 6-4in no border.ssi
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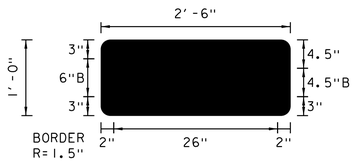
RANDOLPH SIGNS



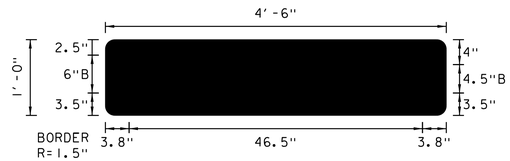
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M.U.T.C.D.: 2009 Edition



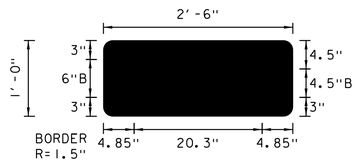
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M.U.T.C.D.: 2009 Edition



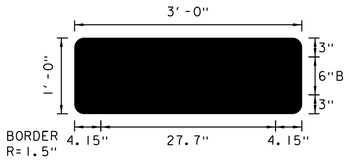
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M.U.T.C.D.: 2009 Edition



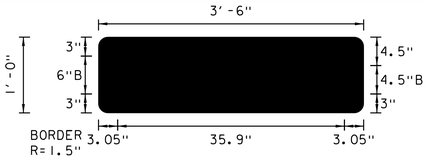
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M.U.T.C.D.: 2009 Edition



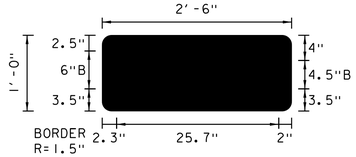
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M.U.T.C.D.: 2009 Edition



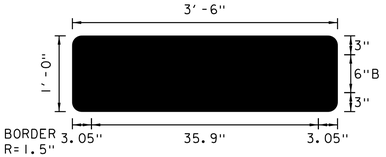
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M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
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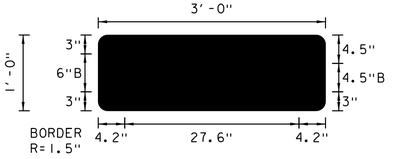


Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition

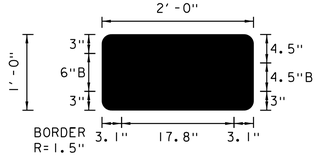


Panel Style: Street Name 6-4in no border.ssi
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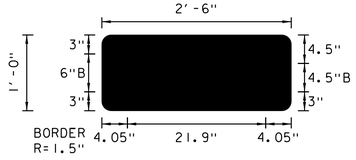
NORTHFIELD SIGNS



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition

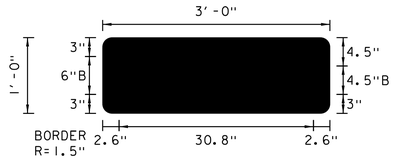
TRAFFIC SIGN DETAIL SHEET 3

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

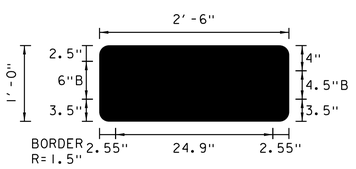
FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_138.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 138 OF 149

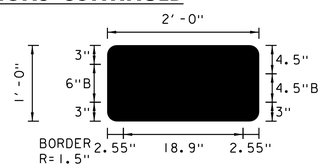
NORTHFIELD SIGNS CONTINUED



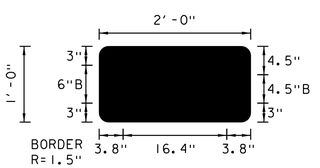
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M.U.T.C.D.: 2009 Edition



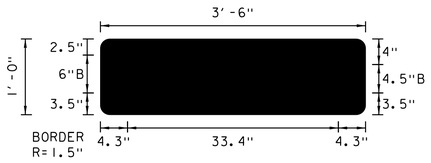
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M.U.T.C.D.: 2009 Edition



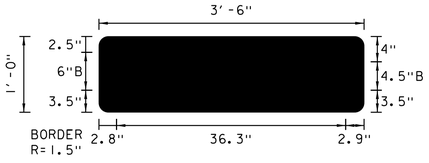
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M.U.T.C.D.: 2009 Edition



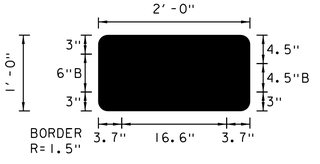
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M.U.T.C.D.: 2009 Edition



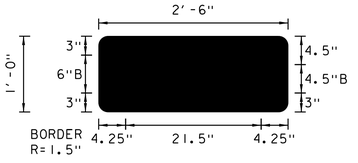
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M.U.T.C.D.: 2009 Edition



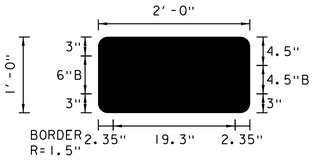
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M.U.T.C.D.: 2009 Edition



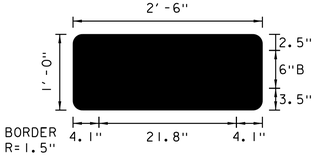
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M.U.T.C.D.: 2009 Edition



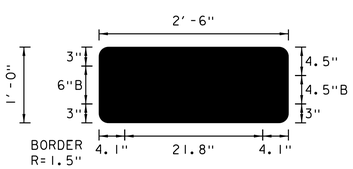
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



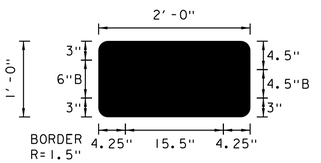
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M.U.T.C.D.: 2009 Edition



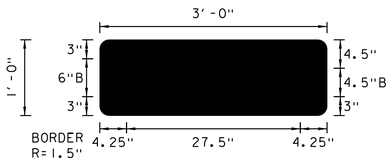
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M.U.T.C.D.: 2009 Edition



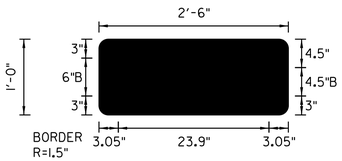
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



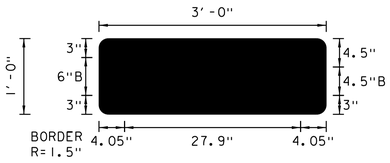
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



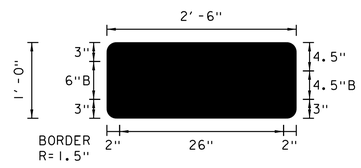
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



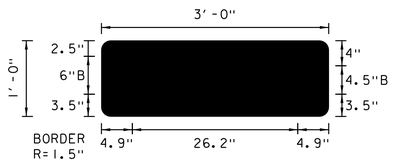
PanelStyle: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



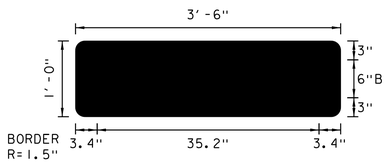
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



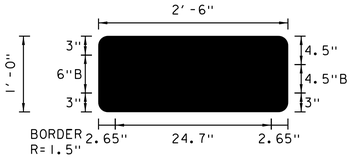
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



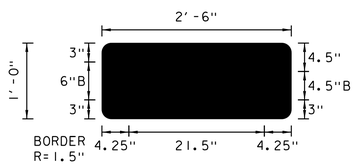
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



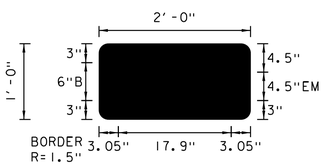
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



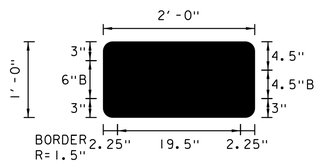
Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition



Panel Style: Street Name 6-4in no border.ssi
M.U.T.C.D.: 2009 Edition

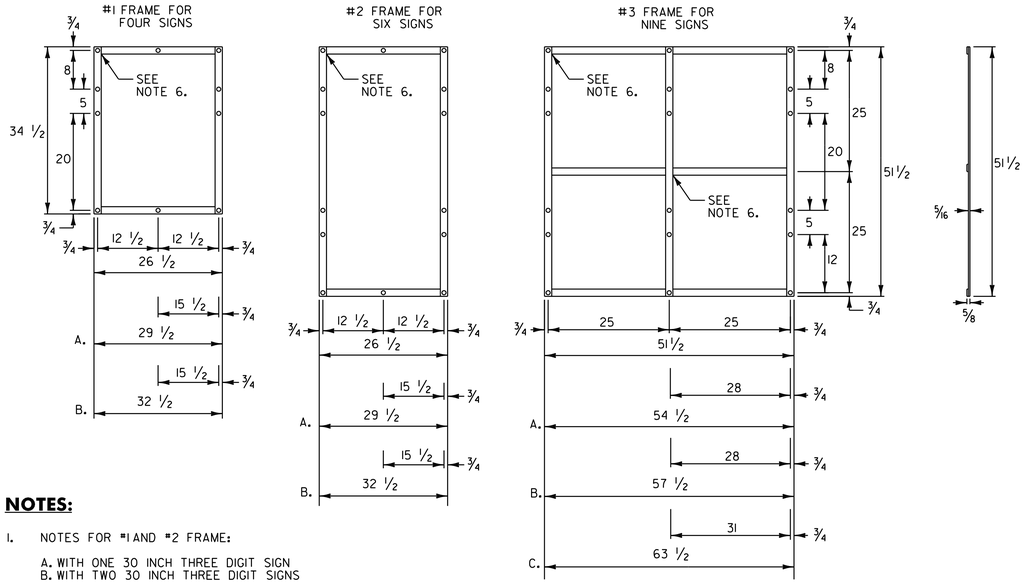
TRAFFIC SIGN DETAIL SHEET 4

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_139.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

ROUTE MARKER ASSEMBLY FRAMES



NOTES:

1. NOTES FOR #1 AND #2 FRAME:

   A. WITH ONE 30 INCH THREE DIGIT SIGN
   B. WITH TWO 30 INCH THREE DIGIT SIGNS

2. NOTES FOR #3 FRAME:

   A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
   B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
   C. WITH THREE 30 INCH THREE DIGIT SIGNS.

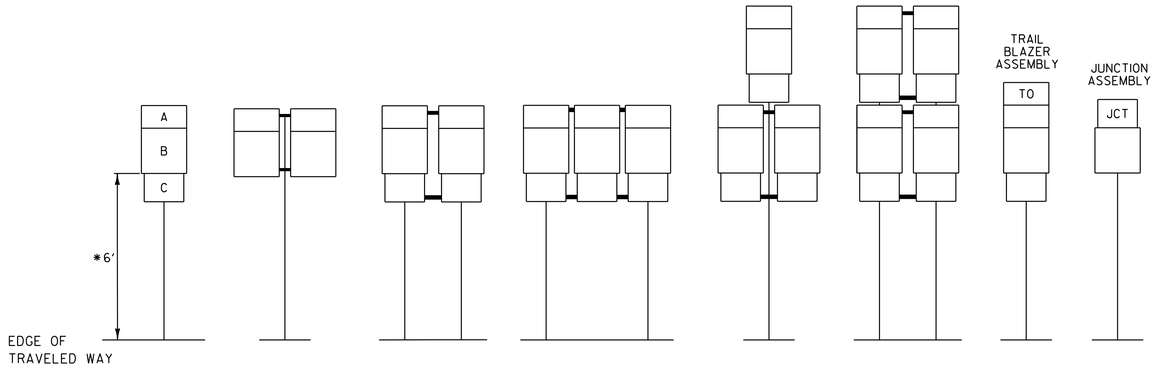
3. ALL HOLES SHALL BE 7/16 INCH DIAMETER. FOR OTHER SIGN COMBINATIONS THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.

4. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.

5. FRAMES SHALL BE CONSTRUCTED OF 5/16 INCH x 1 1/2 INCH A-36 STEEL.

6. ALL OVERLAPPED CONNECTIONS SHALL BE WELDED WITH TWO 1/4 INCH WIDE FILLET WELDS, 1 1/2 INCHES LONG.

STANDARD MOUNTING OF ROUTE MARKER ASSEMBLIES



A - CARDINAL DIRECTION MARKER
B - ROUTE NUMBER
C - ADVANCE TURN ARROW OR DIRECTIONAL ARROW

* WHERE PARKING OR PEDESTRIAN TRAFFIC WILL OCCUR IN THE IMMEDIATE VICINITY OF THESE SIGNS MINIMUM VERTICAL CLEARANCE SHALL BE INCREASED TO SEVEN FEET

INSTALLATION SEQUENCE:

IN MULTIPLE HORIZONTAL MOUNTINGS, PLACE A ROUTE MARKER ASSEMBLY INDICATING A LEFT TURN ON THE LEFT SIDE OF THE ASSEMBLY; RIGHT TURN ON THE RIGHT SIDE. FOR VERTICALLY STACKED MOUNTINGS PLACE THE STRAIGHT THROUGH MOVE INDICATION ON TOP, THE LEFT OR RIGHT TURNS AS APPROPRIATE BENEATH.

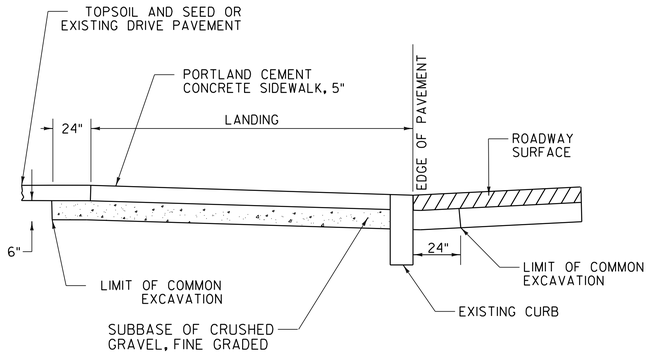
NOTE:
VERTICAL FRAME MEMBERS SHALL LINE UP WITH SIGN POST ON WHICH THEY ARE MOUNTED.

SIGN FRAME DETAIL SHEET

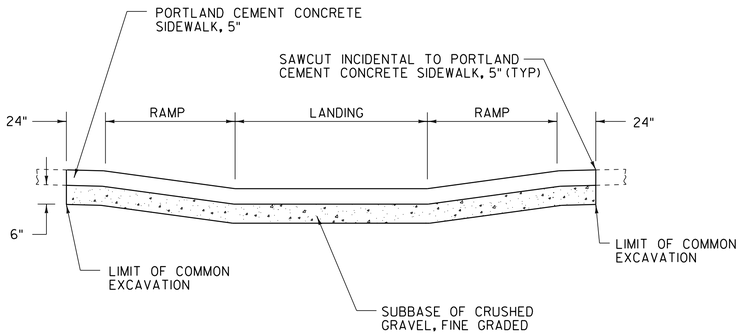
PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10B206_140.i

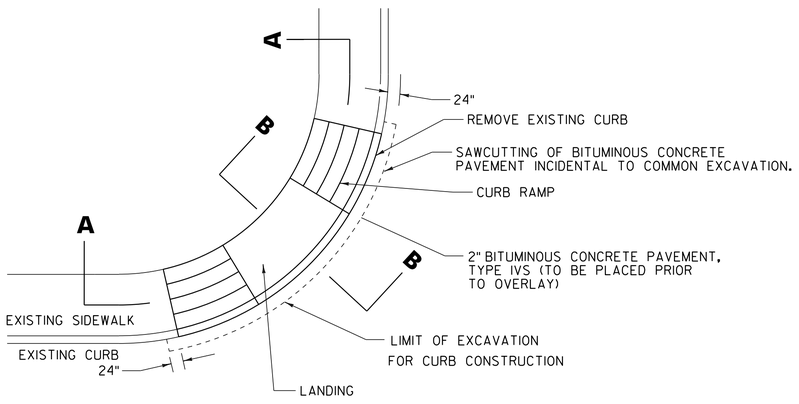
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 140 OF 149



SECTION B–B



SECTION A–A

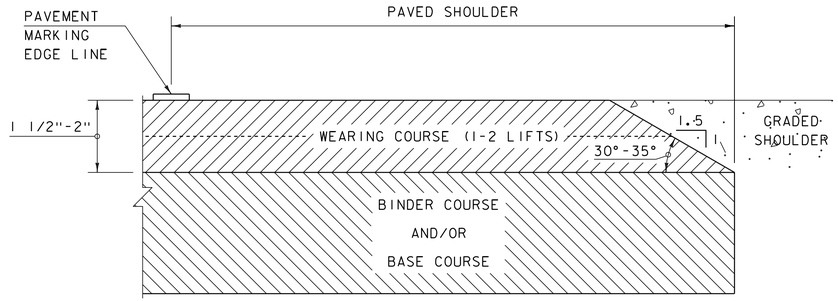


PLAN

SIDEWALK RAMP PAY LIMIT DETAILS

NOTE:

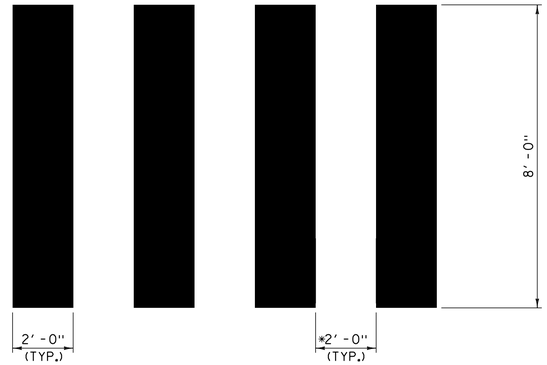
1. THIS DETAIL IS FOR PAY LIMITS ONLY. FOR INDIVIDUAL RAMP CONFIGURATIONS, SLOPES, DIMENSIONS, ETC., SEE VTRANS STANDARDS C-3A/C-3B.
2. SEE PROJECT LAYOUT SHEETS FOR LOCATIONS OF RAMPS TO BE RECONSTRUCTED.
3. REMOVAL OF EXISTING SIDEWALK TO BE PAID UNDER ITEM 203.15 COMMON EXCAVATION.
4. NEW BITUMINOUS CONCRETE PAVEMENT SHALL BE PAID UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.



SAFETY EDGE DETAIL

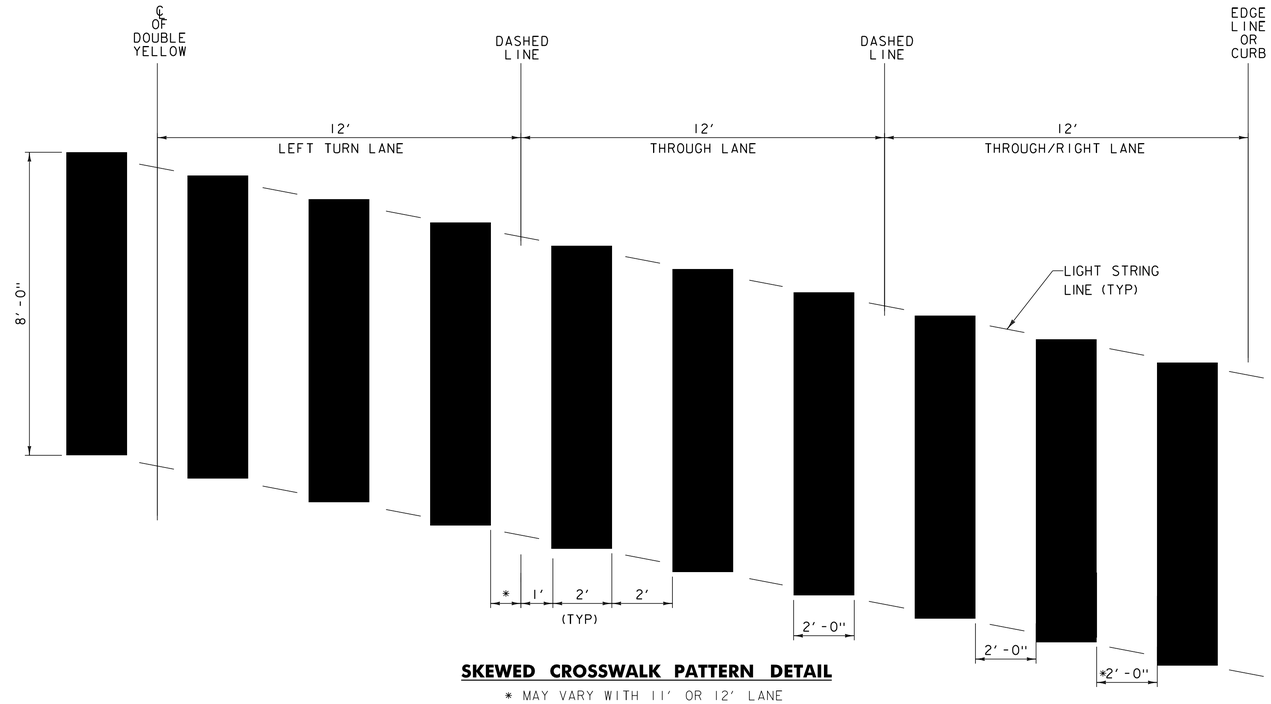
NOT TO SCALE

NOTE: LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.



CROSSWALK PATTERN DETAIL

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



SKEWED CROSSWALK PATTERN DETAIL

* MAY VARY WITH 11' OR 12' LANE

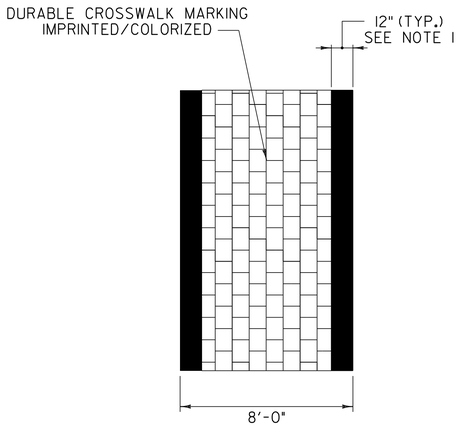
NOT TO SCALE

MISCELLANEOUS DETAIL SHEET 1

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_141.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 141 OF 149



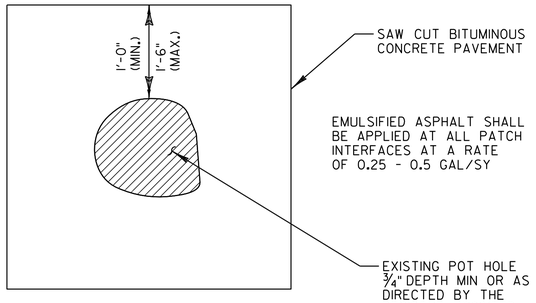
DETAIL OF ITEM 900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)

VT ROUTE 12 BETHEL

STA. 80+32 LT & RT
STA. 84+32 LT & RT
STA. 86+13 LT & RT
STA. 88+80 LT & RT
STA. 90+82 LT - STA. 90+85 RT

NOTES:

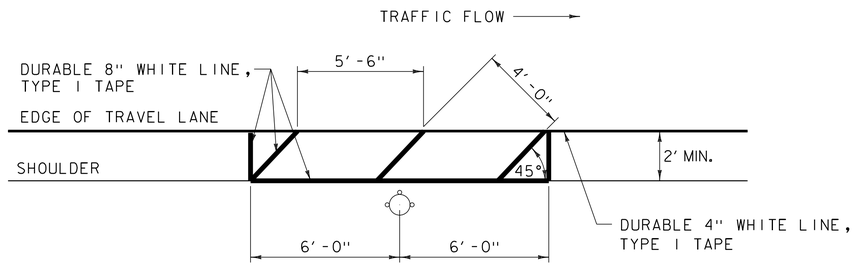
1. PERMANENT CROSSWALKS SHALL HAVE A DURABLE 12 INCH WIDE THERMOPLASTIC WHITE LINE PLACED ON THE OUTSIDE EDGES OF THE INLAID BRICK PATTERN INCIDENTAL TO PAY ITEM 900.640 "SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)".
2. THE PER FOOT COST OF INSTALLED PERMANENT CROSSWALK MARKINGS, SHALL BE PAID AS ITEM 900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED).
3. TEMPORARY CROSSWALK MARKINGS SHALL ONLY CONSIST OF 12" WIDE WHITE LINE ON THE OUTSIDE EDGES AS SHOWN ABOVE. THE PER FOOT COST OF INSTALLED TEMPORARY CROSSWALK MARKINGS SHALL BE PAID UNDER ITEM 646.702 "TEMPORARY CROSSWALK MARKING, PAINT".



TYPICAL – POT HOLE REPAIR

NOT TO SCALE

NOTE: POT HOLE REPAIR PAID UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I)



FIRE HYDRANT PAVEMENT MARKING DETAIL

NOTE:

1. THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE FIRE HYDRANT PAVEMENT MARKINGS TO MEET THE EXISTING SITE CONSTRAINTS AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

MISCELLANEOUS DETAIL SHEET 2

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_142.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL

INTRODUCTION:

1. UNLESS OTHERWISE NOTED, THE OBJECTIVE OF THIS PLAN IS TO MINIMIZE IMPACT ON THE TRAFFIC FLOW WHILE PROVIDING A SAFE PASSAGE FOR VEHICLES AND PEDESTRIANS DURING AND AFTER CONSTRUCTION WORK HOURS.

2. THE FOLLOWING TRAFFIC CONTROL INFORMATION IS INTENDED TO BE A GENERAL OUTLINE FOR HOW THE WORK SHOULD PROCEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SPECIFIC DETAILS TO ADDRESS SPECIFIC SITUATIONS. THIS RESPONSIBILITY INCLUDES PROVIDING A PLAN DETAILING THE USE AND PLACEMENT OF SIGNS, CHANNELING DEVICES, ARROW PANELS, FLAGGERS AND UNIFORMED TRAFFIC OFFICERS (UTO'S) DURING LANE CLOSURES. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THIS OUTLINE, THE CONTRACTOR SHALL SUBMIT AN ALTERNATE PROPOSAL TO THE PAVEMENT MANAGEMENT SECTION VIA THE ENGINEER. THE CONTRACTOR MUST ALLOW AT LEAST 4 WEEKS FOR REVIEW AND APPROVAL OF THE COMPREHENSIVE PLAN AND 2 WEEKS FOR REVIEW AND APPROVAL OF MINOR CHANGES/DETAILS. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE MUTCD AND VTRANS STANDARDS E-100, E-100A, E-101, E-102, E-102A, E-106, E-107, E-107A, E-108A, E-110, E-111 AND E-112. WHERE CONFLICTS EXIST, THE MUTCD SHALL GOVERN.

PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.

2. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES, THIS MAY INCLUDE TEMPORARYWALKWAYS SPANNING THE CONSTRUCTION AREA.

3. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH. A 5 FOOT BY 5 FOOT PASSING SPACE SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF A TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.

4. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.

5. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.

6. THE CONTRACTORS OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND A TPAR HAVE BEEN PROVIDED.

7. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH A PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES RESIDENCES ETC. PAYMENT FOR DEVELOPING, IMPLEMENTING, AND MAINTAINING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10.

TRAFFIC CONTROL NOTES

1. ALL TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THESE PROJECT PLANS, APPLICABLE VTRANS E-SERIES STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND ITS LATEST REVISIONS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR MUST PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES.

3. THE CONTRACTOR SHALL CONDUCT THE WORK AT ALL TIMES IN SUCH A MANNER AND IN SUCH SEQUENCE SO AS TO ENSURE THE LEAST INTERFERENCE WITH TRAFFIC.

4. SIGNS SHALL ONLY BE VISIBLE TO MOTORISTS AT THE TIMES WHEN THE MESSAGE IS PERTINENT, I.E. A "FLAGGER AHEAD" SIGN SHALL ONLY BE VISIBLE TO MOTORISTS WHEN THE FLAGGER IS ACTUALLY PRESENT PERFORMING THEIR DUTIES.

5. A MINIMUM LANE WIDTH OF 10 FT. SHALL BE MAINTAINED.

6. SIGNALIZED INTERSECTIONS MUST BE CONTROLLED BY UNIFORMED TRAFFIC OFFICERS WHEN LANES ARE NOT IN NORMAL OPERATION EXCEPT DURING NIGHT TIME FLASHING OPERATION.

7. WHEN COLD PLANED BITUMINOUS PAVEMENT IS OPEN TO TRAFFIC, A "MOTORCYCLES USE CAUTION" SIGN, AS PER VTRANS STANDARD E-102A, SHALL BE PROVIDED.

8. THE CONTRACTOR SHOULD LEAVE NO LONGITUDINAL DROP-OFFS DURING THE OVERNIGHT HOURS. THEREFORE, THE FULL ROADWAY WIDTH SHOULD BE COLD PLANED OR PAVED DURING THE DAILY WORK PERIOD. WHEN NECESSARY, DROP-OFF PROTECTION IN THESE AREAS SHALL CONFORM TO VTRANS STANDARD E-108A.

9. MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES FOR EMERGENCY VEHICLES. MAINTAIN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS. ACCESS TO RESIDENTIAL PROPERTIES MAY BE RESTRICTED FOR A SHORT DURATION (A FEW HOURS). COORDINATE MAJOR WORK ON COMMERCIAL OR MUNICIPAL ACCESSES WITH THE OWNER AT LEAST ONE WEEK PRIOR TO STARTING THE WORK. ALL ACCESSES SHALL ALSO BE KEPT FREE OF WORK AND TRAFFIC CONTROLLED BY UNIFORMED TRAFFIC OFFICERS OR FLAGGERS AS REQUIRED.

10. TRAFFIC SHALL NOT BE CHANGED FROM ONE PHASE TO THE NEXT PHASE UNTIL ALL TEMPORARY MARKINGS, SIGNING AND SIGNAL WORK ARE COMPLETED. ANY CONFLICTING MARKINGS SHALL BE REMOVED.

11. ALL NON-OPERATING SIGNAL HEADS SHALL BE REMOVED OR COMPLETELY COVERED AS DIRECTED BY THE RESIDENT ENGINEER.

12. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS FOR CCTA BUS PASSENGERS AT MARKED BUS STOPS.

13. CONSTRUCTION OPERATIONS SHALL BE ADJUSTED OR SUSPENDED DURING PEAK HOUR TRAFFIC AND SPECIAL EVENTS AS DETERMINED BY THE RESIDENT ENGINEER.

14. ALL PERMANENT SIGNS WHICH CONFLICT WITH TEMPORARY TRAFFIC CONTROL MUST BE COMPLETELY COVERED.

15. THE CONTRACTOR SHALL ACCOMODATE PEDESTRIAN TRAVEL AT ALL TIMES. THIS CAN INCLUDE, BUT IS NOT LIMITED TO A DEDICATED PEDESTRIAN ESCORT, SIGNAGE AND BARRICADED OFF WALKING AREAS WITHIN CLOSED LANES. FLAGGERS SHALL NOT BE USED AS PEDESTRIAN ESCORTS. WHEN EXISTING PEDESTRIAN FACILITIES ARE DISRUPTED, CLOSED, OR RELOCATED IN A TEMPORARY TRAFFIC CONTROL ZONE, THE TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE FOR ITEM 641.10 TRAFFIC CONTROL.

16. PLEASE NOTE THAT THE UTO (UNIFORMED TRAFFIC OFFICER), UNDER AUTHORITY GRANTED BY LAW (TITLE 23 VSA) MAY DIRECT AND CONTROL TRAFFIC. SUITABLE EXAMPLES IN WORK MIGHT INCLUDE THE DIRECTION AND CONTROLS OF TRAFFIC AT INTERSECTIONS WHERE SIGNALS ARE NOT FUNCTIONING OR ARE MALFUNCTIONING. IN THESE CASES, THE PRESENCE OF THE BLUE LIGHT MAY NOT BE SUITABLE OR NECESSARY. THE WEARING OF DEPARTMENTALLY REQUIRED AND APPROVED REFLECTIVE GARMENTS IS REQUIRED.

NOT TO SCALE

TRAFFIC CONTROL SHEET 1

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_143.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 143 OF 149

NOTES

1. SEE SHEET 143 FOR THE MEANING OF THE LETTER CODES AND SYMBOLS USED IN THIS FIGURE.

TRAFFIC CONTROL SHEET 2

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_144.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 144 OF 149

NOTES

1. IF TRUCK MOUNTED ATTENUATOR IS REQUESTED BY RESIDENT ENGINEER OR CONTRACTOR, PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO ITEM 641.10 "TRAFFIC CONTROL".

2. SEE SHEET 143 FOR THE MEANING OF LETTER CODES AND SYMBOLS USED IN THIS FIGURE.

NOT TO SCALE

TRAFFIC CONTROL SHEET 3

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_145.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 145 OF 149

NOTES

1. SEE SHEET 143 FOR THE MEANING OF THE LETTER CODES AND SYMBOLS USED IN THIS FIGURE.

NOT TO SCALE

TRAFFIC CONTROL SHEET 4

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_146.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 146 OF 149

SIDE ROAD NAME	ROAD WORK AHEAD	SIDE ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	ROAD WORK NEXT 1/2 MILE	ROAD WORK NEXT 1 MILE	ROAD WORK NEXT 2 MILES	PCMS
BETHEL								
BEGIN PROJECT (VT 12)	2		1	2		1		1
LIVERY STABLE DR	1		1					
AVON DR	1		1					
DENSMORE DR	1		1					
MAIN ST	1		1					
LOWER CHURCH STREET	1		1					
STOP PROJECT (VT 12)	2		1	2		1		1
RANDOLPH								
RESUME PROJECT (VT 12)	2		1	2			1	1
MAPLE ST	1		1					
HIGHLAND AV	1		1					
BELLEFRED DR	1		1					
CHURCH ST	1		1					
BACK ST	1		1					
WESTON ST	1		1					
MERCHANTS ROW	1		1					
KELLEY WAY	1		1					
PLEASANT ST	1		1					
SCHOOL ST	1		1					
PRINCE ST	1		1					
PARK ST	1		1					
ELM STREET	1		1					
FOREST ST	1		1					
STOP PROJECT (VT 12)	2		1	2			1	1
BEGIN PROJECT (VT 12A)								
WALLACE HILL RD	1		1					
STOP PROJECT (VT 12A)	2		1	2	1			1
BEGIN PROJECT (VT 66)								
MOUND ST	1		1					
HEDDING DR	1		1					
END PROJECT (VT 66)	2		1	2	1			1

SIDE ROAD NAME	ROAD WORK AHEAD	SIDE ROAD WORK AHEAD	END ROAD WORK	ROAD WORK 500 FT	ROAD WORK NEXT 1/2 MILE	ROAD WORK NEXT 1 MILE	ROAD WORK NEXT 2 MILES	PCMS
NORTHFIELD								
RESUME PROJECT (VT 12)	2		1	2			1	1
OVERLOOK DR	1		1					
PARK AV	1		1					
ALPINE DR	1		1					
UNIVERSITY DR	1		1					
STAGECOACH RD	1		1					
WINTER ST	1		1					
CRESCENT AV	1		1					
CRESCENT AV	1		1					
CENTRAL ST	1		1					
SPRING ST	1		1					
NORIDGE DR	1		1					
WINTER ST	1		1					
SOUTH ST	1		1					
PROSPECT ST	1		1					
SLATE AV	1		1					
KENT ST	1		1					
EAST ST	1		1					
WATER ST	1		1					
BELKNAP ST	1		1					
PARSON LN	1		1					
END PROJECT (VT 12)	2		1	2			1	1
END PROJECT (VT 12A)	2		1	2	1			1
TOTALS	60		51	18	3	2	4	9

CONSTRUCTION APPROACH SIGNING SHEET 1

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (1)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_147.i

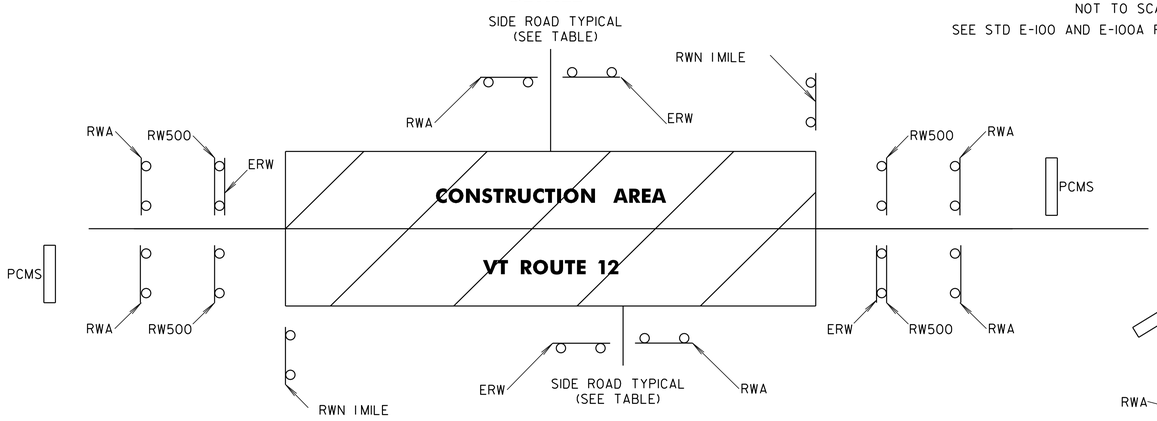
PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 147 OF 149

CONSTRUCTION APPROACH SIGNING

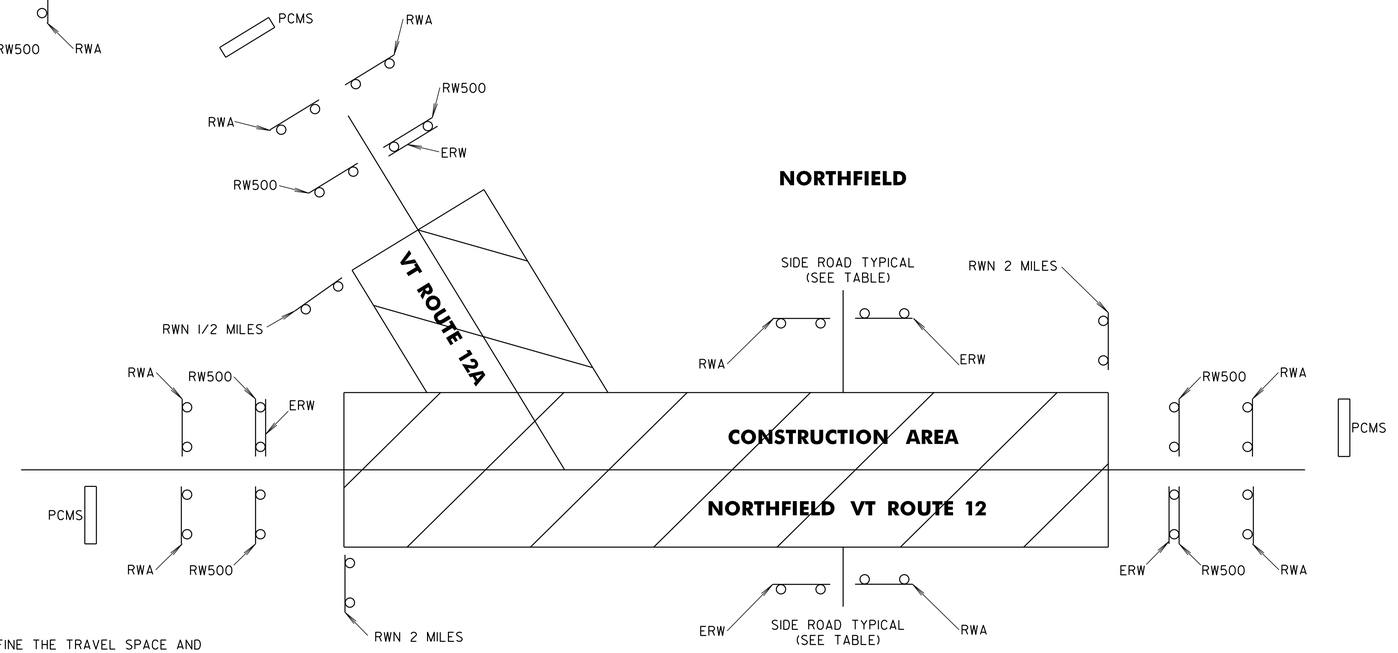
NOT TO SCALE

SEE STD E-100 AND E-100A FOR SIGN PLACEMENT

BETHEL



NORTHFIELD



NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".

2. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH THE TRAFFIC CONTROL DETAILS AND NOTES SHEET (SHEETS 143-146) AND PART 6 OF THE MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".

3. THE BID PRICE FOR ITEM 641.10 "TRAFFIC CONTROL", SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TRUCK-MOUNTED ATTENUATOR(S), TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VTRANS STANDARDS. ALL ADJUSTING, RELOCATING, AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED. THE FOLLOWING ITEMS WILL BE PAID FOR SEPARATELY:
   646.602, 646.612, 646.642, 646.682, 646.692, AND
   646.702 - TEMPORARY PAVEMENT MARKINGS
   630.10 AND 630.15 - UNIFORMED TRAFFIC OFFICERS AND FLAGGERS

4. NINE (9) PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ON THIS PROJECT. THE PLACEMENT OF THESE UNITS AS WELL AS THE MESSAGE WILL BE APPROVED BY THE RESIDENT ENGINEER. THESE SIGNS WILL BE PAID FOR UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN".

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

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

   THE PCMS SHOULD COMMUNICATE WHAT INFORMATION MOTORISTS NEED TO KNOW. UNNECESSARY INFORMATION SHOULD BE AVOIDED. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS.

6. THE LATEST EDITION OF THE MUTCD SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH THE MUTCD.

7. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.

8. SEE THE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION REGARDING IMPLEMENTATION OF THE TEMPORARY TRAFFIC CONTROL DEVICES.

9. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.

10. AS THE PAVING OPERATION MOVES, THE FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FT FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY IF FLAGGING OPERATIONS CEASE FOR MORE THAN 15 MINUTES.

11. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.

12. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD.

13. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.

14. DIAMOND SHAPED SIGNS SHALL BE 4'X4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLOURESCENT ORANGE BACKGROUND.

15. RETROREFLECTIVE SHEETING SHALL BE AS NOTED IN THE SPECIAL PROVISIONS.

16. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED AS OUTLINED IN THE SPECIAL PROVISIONS.

17. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.

LEGEND

RWA	=	ROAD WORK AHEAD
RW500	=	ROAD WORK 500 FT
SRWA	=	SIDE ROAD WORK AHEAD
SRW500	=	SIDE ROAD WORK 500 FT
ERW	=	END ROAD WORK
RWN	=	ROAD WORK NEXT 2 MILES
PCMS	=	PORTABLE CHANGABLE MESSAGE SIGN

CONSTRUCTION APPROACH SIGNING SHEET 2

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD
PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_148.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 148 OF 149

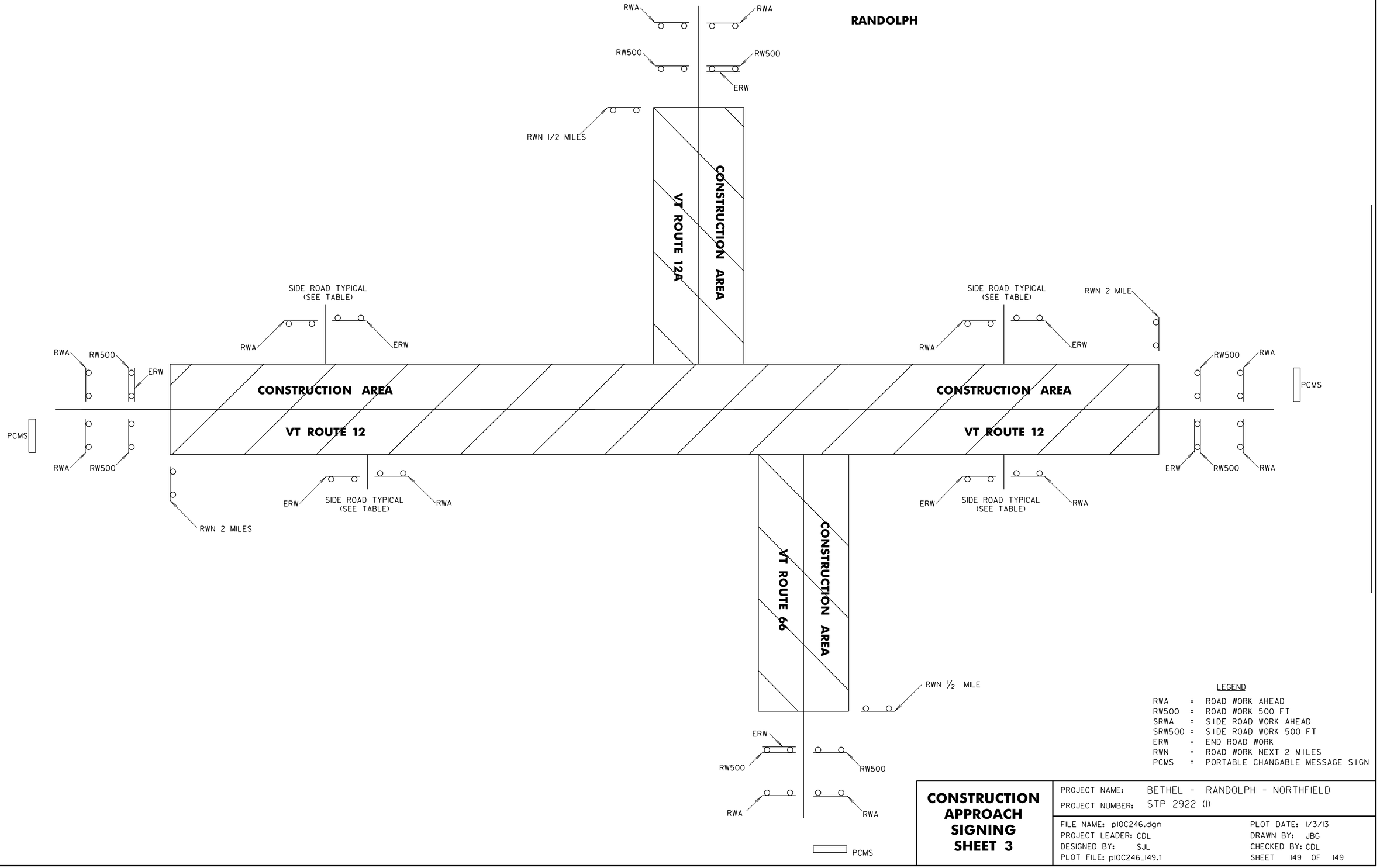
CONSTRUCTION APPROACH SIGNING

NOT TO SCALE

SEE STD E-100 AND E-100A FOR SIGN PLACEMENT

PCMS

RANDOLPH



LEGEND

RWA	=	ROAD WORK AHEAD
RW500	=	ROAD WORK 500 FT
SRWA	=	SIDE ROAD WORK AHEAD
SRW500	=	SIDE ROAD WORK 500 FT
ERW	=	END ROAD WORK
RWN	=	ROAD WORK NEXT 2 MILES
PCMS	=	PORTABLE CHANGABLE MESSAGE SIGN

CONSTRUCTION APPROACH SIGNING SHEET 3

PROJECT NAME: BETHEL - RANDOLPH - NORTHFIELD

PROJECT NUMBER: STP 2922 (I)

FILE NAME: p10C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: p10C246_149.i

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 149 OF 149