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SEE SHEET 2

STATE OF VERMONT AGENCY OF TRANSPORTATION



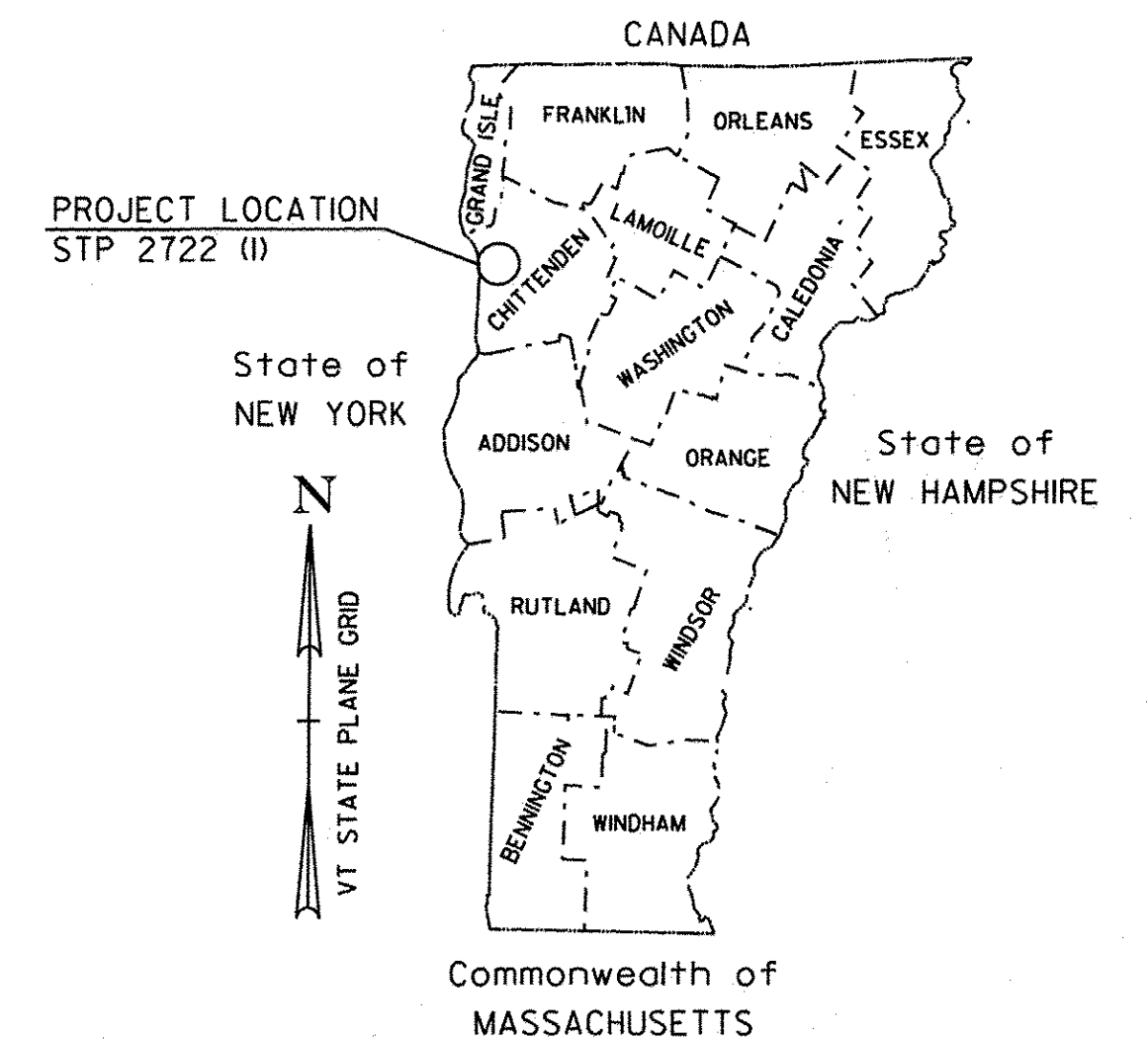
PROPOSED IMPROVEMENT CITY OF BURLINGTON CLASS 1 HIGHWAY COUNTY OF CHITTENDEN U.S. ALT. ROUTE 7

BEGINNING IN THE CITY OF BURLINGTON APPROXIMATELY 100 FEET NORTH OF LOCUST STREET
AT MILEMARKER 0.071 STATION 3+75.00 OF U.S. ALT. ROUTE 7 AND EXTENDING NORTHERLY
FOR A DISTANCE OF 10005.00 FT (1.895 MILES) TO AN ENDING POINT NEAR THE INTERSECTION OF
RIVERSIDE AVE. AT MILE MARKER 1.966 = STA. 103+80.00.

STATION TO STATION DATA	LENGTH	
	(FEET)	(MILES)
CITY OF BURLINGTON STA. 3+75.00 TO STA. 103+80.00 (MM 0.071 TO MM 1.966)	10005.00	1.895

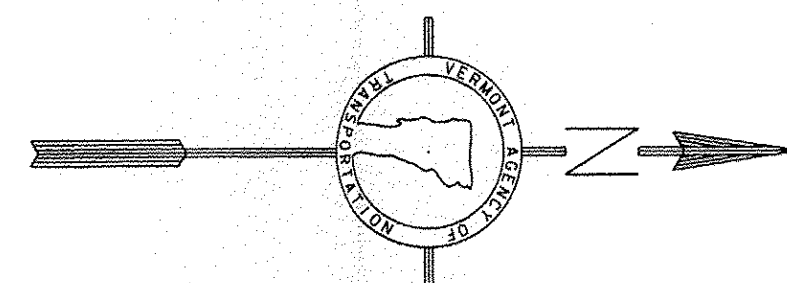
TOTAL ROADWAY LENGTH =	10005.00	1.895
TOTAL PROJECT LENGTH =	10005.00	1.895

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING
WITH A LEVELING COURSE AND WEARING COURSE, PAVEMENT MARKINGS, TRUNCATED DOMES,
DRAINAGE IMPROVEMENTS, SIGNALIZATION IMPROVEMENTS AND INCIDENTAL ITEMS.



TRAFFIC DATA

	AADT		DHV		CUM. ESALS (2010-2020)	CUM. ESALS (2010-2020)
	2010	2020	2010	2020		
U.S. ROUTE 7/ LOCUST ST/ LEDGE ST/ TO SOUTH UNION ST	13,900	14,300	1,400	1,500	836,000	2,156,000
SOUTH UNION ST TO HOWARD ST	11,600	11,900	1,200	1,200	741,000	1,905,000
HOWARD ST TO MAPLE ST	3,000	3,100	340	350	138,000	321,000
MAPLE ST TO MAIN ST	4,100	4,200	460	470	219,000	525,000
MAIN ST TO PEARL ST	9,200	9,500	960	990	915,000	2,371,000
PEARL ST TO NORTH ST	3,900	4,000	410	420	321,000	729,000
NORTH ST TO RIVERSIDE AVE	3,700	3,800	380	400	171,000	441,000



CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

BEGIN STP 2722 (I)
MM 0.071 = STA. 3+75.00

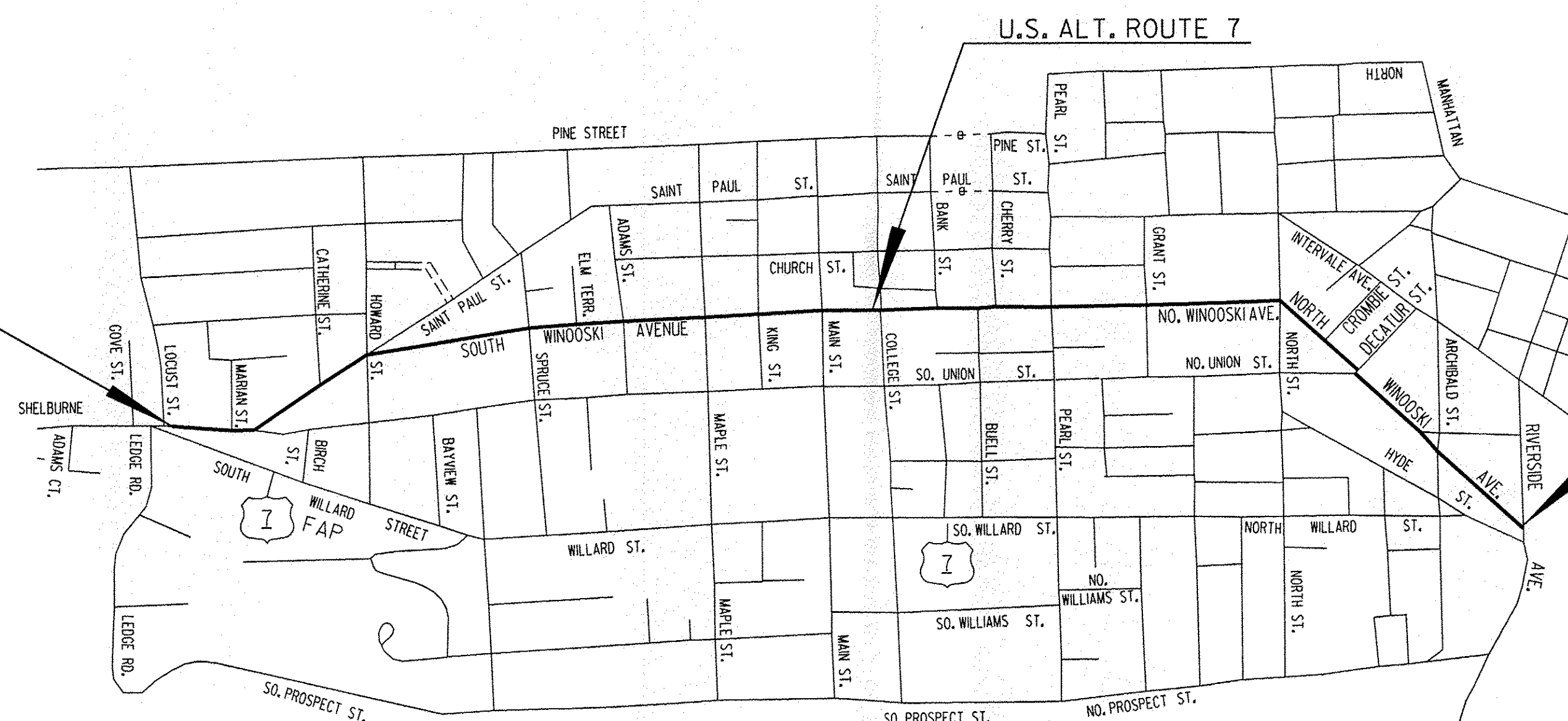
DuBois & King Inc.

engineering planning management development

DATUM

VERTICAL N/A

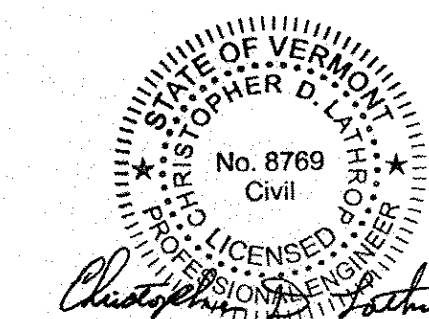
HORIZONTAL N/A



END STP 2722 (I)
MM 1.966 = STA. 103+80.00

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

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	2,371,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS



DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>Richard Schmitt</i>	DATE 5-27-10
PROJECT MANAGER : MIKE FOWLER, P.E.	
PROJECT NAME : BURLINGTON (CLASS 1)	
PROJECT NUMBER : STP 2722 (I)	
SHEET 1 OF 61 SHEETS	

PLOTTED: 5/25/2010

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PROJECT NUMBER:	STP 2722 (1)
FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:19
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: 07d028_2.i	SHEET 2 OF 61

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 OVERLAY/COLD PLANE TYPICAL SECTION. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN THE SECTION 490 GENERAL SPECIAL PROVISIONS.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT A RATE OF 0.025 GAL / SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. 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 AND END OF THE PROJECT, ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. SAWCUTTING WILL NOT BE PAID FOR SEPARATELY. IT SHALL BE CONSIDERED INCIDENTAL TO ITEM 210.10 "COLD PLANING BITUMINOUS PAVEMENT"
5. ALL BITUMINOUS DRIVES WITH A LENGTH LESS THAN 10 FEET FROM THE SIDEWALK TO THE ROADWAY SHALL RECEIVE A PAVED APRON TO THE SIDEWALK. DRIVES WITH A LENGTH GREATER THEN 10 FEET FROM ROADWAY TO SIDEWALK SHALL RECEIVE A 4' APRON OR AS DIRECTED BY THE RESIDENT ENGINEER. 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)".
6. A QUANTITY FOR ITEM 604.412, "REHAB DI, CB OR MH CLASS I", ITEM 604.415, "REHAB DI, CB OR MH CLASS II", ITEM 604.418, "REHAB DI, CB OR MH CLASS III" 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 EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415 AND 604.418 FOR ESTIMATING PURPOSES.
7. 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".
8. SIDEWALK RAMPS ARE TO BE REMOVED AND REPLACED WHERE SHOWN ON THE PROJECT LAYOUT SHEETS. AN ESTIMATED QUANTITY OF ITEM 203.15 "COMMON EXCAVATION", 203.16 "SOLID ROCK EXCAVATION" AND ITEM 301.26, "SUBBASE OF CRUSHED GRAVEL, FINE GRADED" HAVE BEEN INCLUDED FOR REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK AND SUBBASE MATERIAL FOR EACH RAMP.
9. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT".
10. 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.
11. DETECTABLE WARNING SURFACES SHALL BE YELLOW STAINLESS STEEL THROUGHOUT THE PROJECT WITH THE EXCEPTION OF THE MAIN, COLLEGE, BANK, CHERRY, PEARL AND NORTH STREET INTERSECTIONS. THESE INTERSECTIONS SHALL HAVE BRICK RED STAINLESS STEEL DETECTABLE WARNING SURFACES INSTALLED.
12. THIS PROJECT IS IDENTIFIED AS A LEVEL 3 PROJECT IN ACCORDANCE WITH THE CURRENT EDITION OF THE AGENCY’S QUALITY ASSURANCE PROGRAM.

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 ENGINEER.

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

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

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

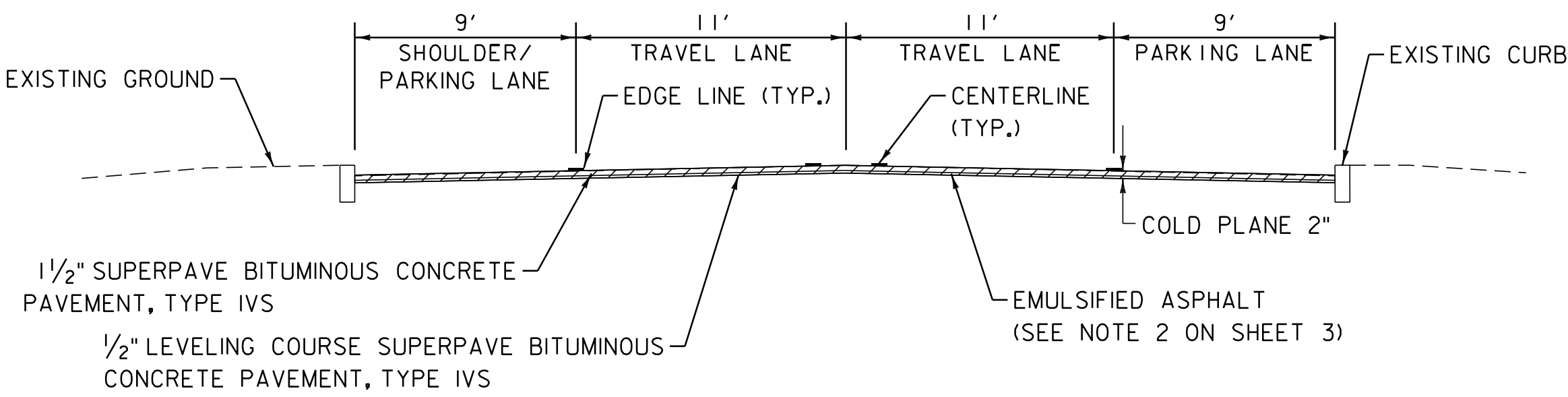
PROJECT PAVING LIMITS

TOWN AND ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
BURLINGTON						
	3+75	9+50	9’ - 11’ - 11’ - 9’	1 1/2 "	71.88	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	9+50	18+75	8’ - 11’ - 11’ - 4’	1 1/2 "	98.28	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	18+75	42+25	8’ - 6’ - 11’ - 5’	1 1/2 "	220.31	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	42+25	46+00	7’ - 11’ - 11’	1 1/2 "	33.98	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	46+00	50+35	8’ - 11’ - 11’ - 8’	1 1/2 "	51.66	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	50+35	66+75	11’ - 10.5’ - 10.5’ - 11’	1 1/2 "	220.38	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	66+75	82+50	8’ - 7’ - 12’ - 8’	1 1/2 "	172.27	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	82+50	89+50	8’ - 8’ - 16’ - 8’	1 1/2 "	87.5	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"
	89+50	103+80.00	9’ - 11’ - 11’ - 9’	1 1/2 "	178.75	COLD PLANE 2", LEVEL 1/2", TYPE IVS 1 1/2"

NOT TO SCALE

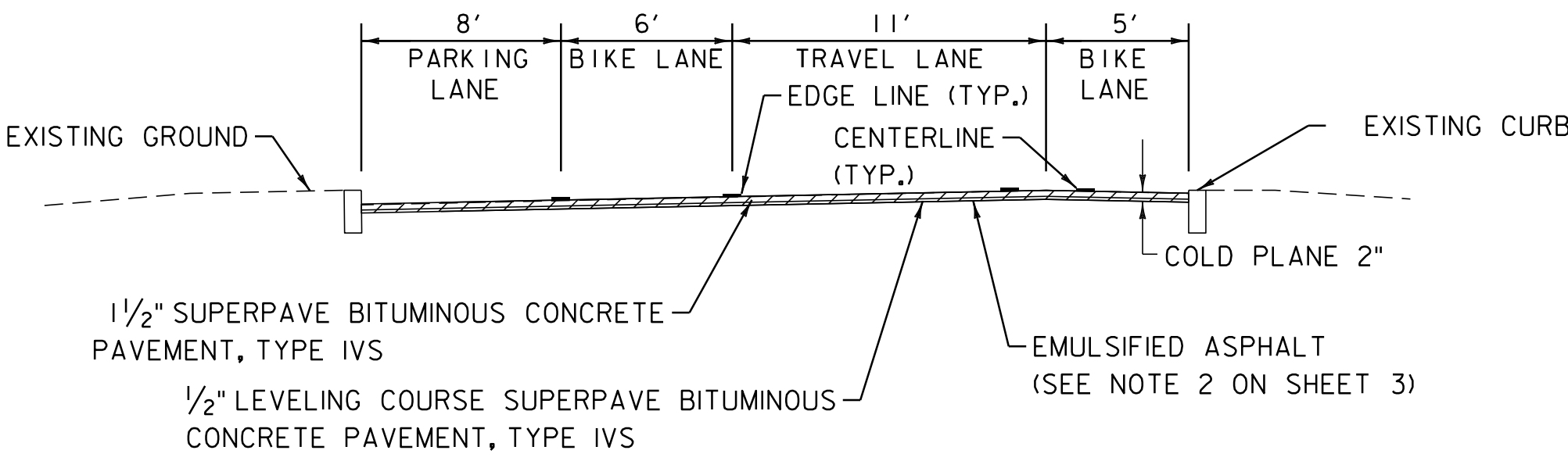
PROJECT NOTES SHEET

PROJECT NAME:	BURLINGTON (CLASS I)
PROJECT NUMBER:	STP 2722 (I)
FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:19
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: 07d028_3.i	SHEET 3 OF 61



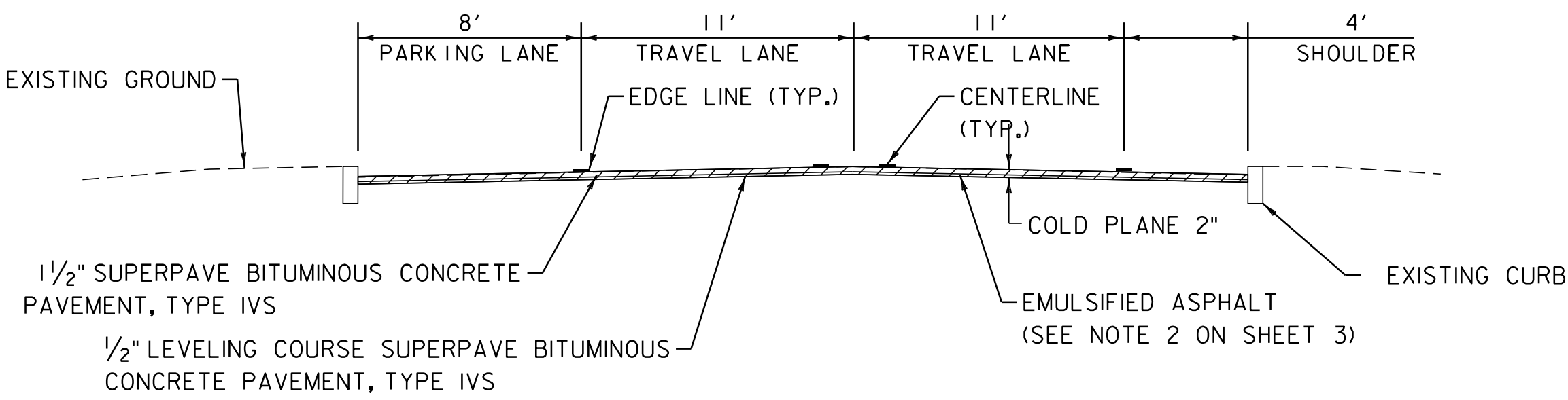
COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 3+75.00 TO STA. 9+50
STA. 89+50 TO STA. 103+80.00 (WITH NO EDGELINES)



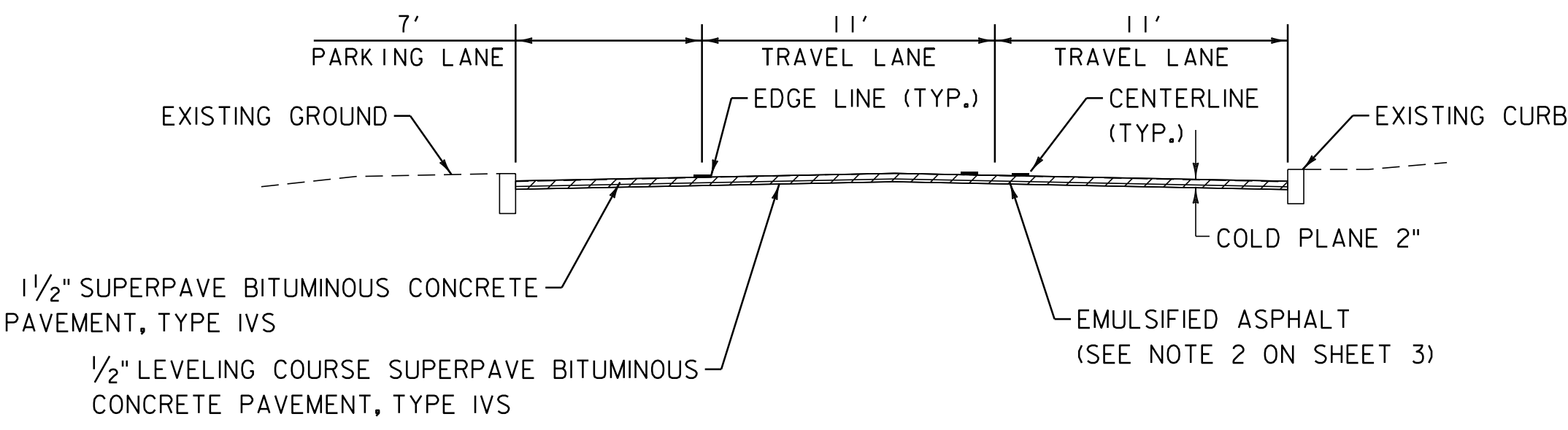
COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 18+75 - STA. 42+25



COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 9+50 TO STA. 18+75



COLD PLANE AND OVERLAY TYPICAL SECTION

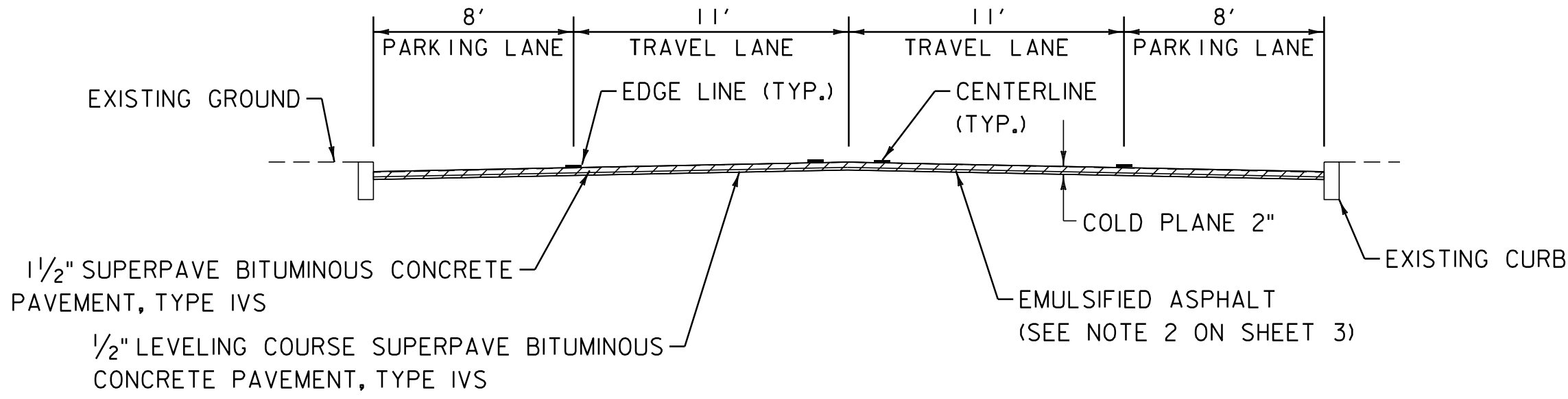
STA. 42+25 - STA. 46+00

NOT TO SCALE

PROJECT
TYPICAL
SHEET 1

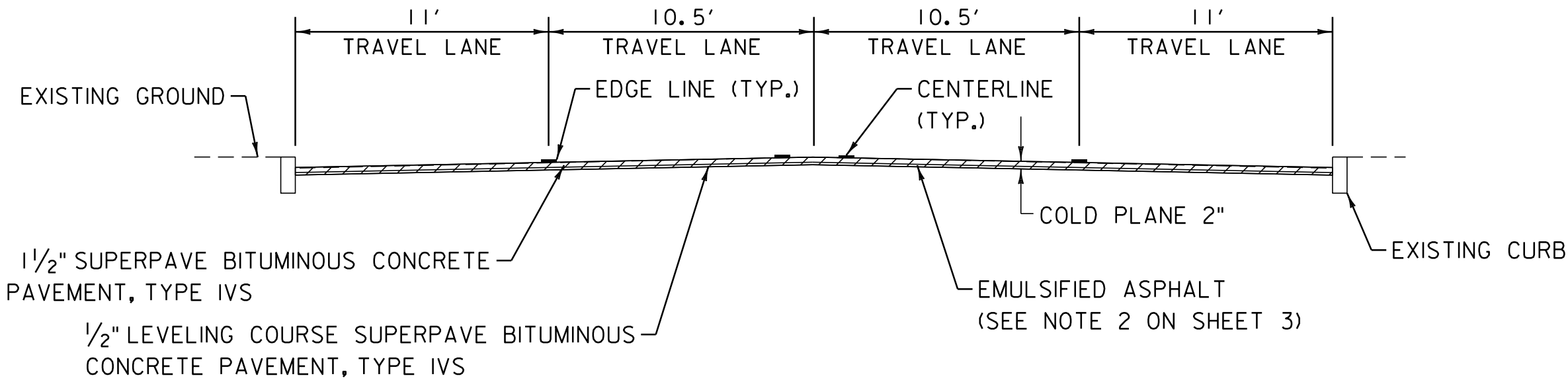
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PROJECT NUMBER: STP 2722 (I)

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SHEET 4 OF 61



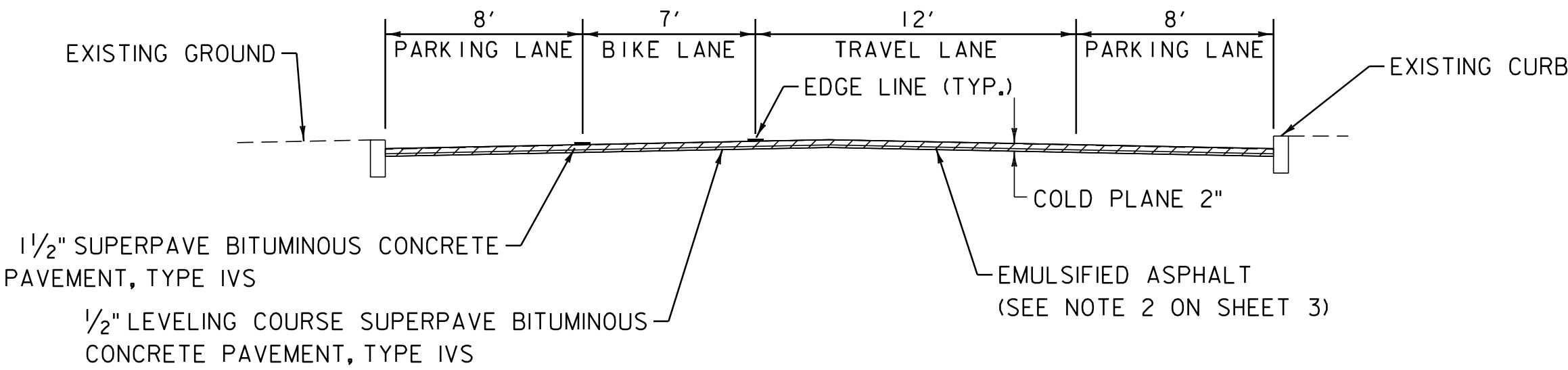
COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 46+00 - STA. 50+35



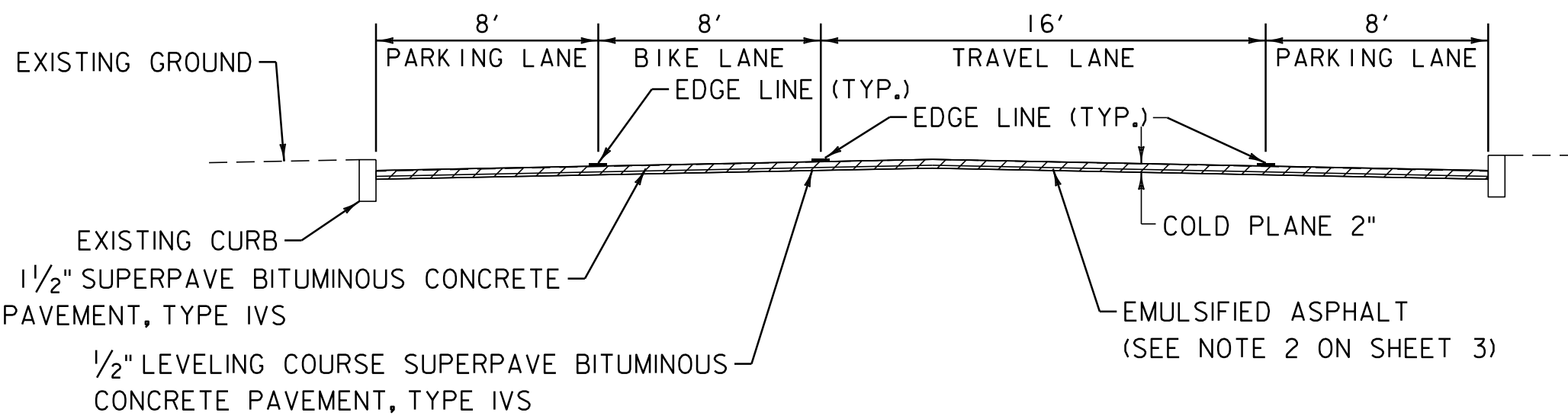
COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 50+35 - STA. 66+75



COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 66+75 TO STA. 82+50



COLD PLANE AND OVERLAY TYPICAL SECTION

STA. 82+50 TO STA. 89+50

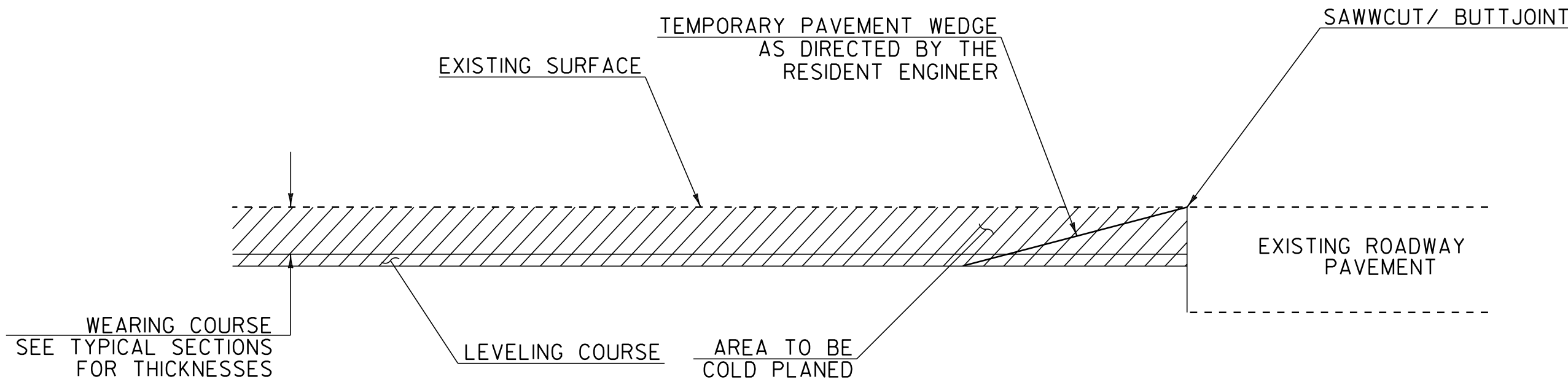
NOT TO SCALE

PROJECT
TYPICAL
SHEET 2

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

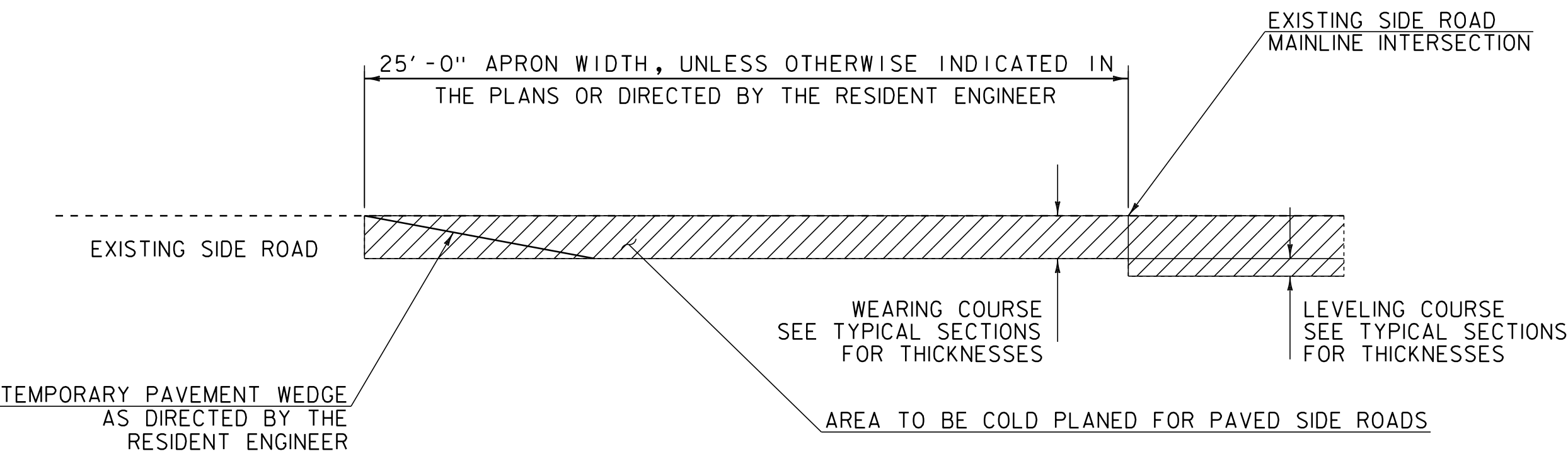
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PROJECT LEADER: CDL
DESIGNED BY: BMB
PLOT FILE: 07d028_5.i

PLOT DATE: 05-JUN-2014 11:19
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 5 OF 61



APPROACH AREA DETAIL (BEGIN AND END PROJECT)

BURLINGTON
STA. 3+75.00
STA. 103+80.00



TRANSITION AREA FOR SIDE ROADS

SEE LAYOUT SHEETS FOR LOCATIONS
OF ALL SIDE ROADS

VIDEO VEHICLE DETECTION SYSTEM NOTES:

- 1) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- 2) VIDEO VEHICLE DETECTION ZONES SHALL EXTEND 5 FEET PAST THE STOP BAR UNLESS OTHERWISE SHOWN ON PLANS.
- 3) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.
- 4) 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.
- 5) ALL EXISTING VEHICLE DETECTOR LOOPS BEING REPLACED WITH VIDEO DETECTION ARE TO BE DISCONNECTED AT THE EXISTING PULLBOX LOCATIONS AND WIRING REMOVED BACK TO THE CABINET.

TRAFFIC SIGNAL NOTES

1. 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 SHALL BE INCIDENTAL TO PAY ITEM 678.22, "VEHICLE LOOP DETECTOR" AND/ OR AND THE SPECIAL PROVISION ITEM 900.620 FOR THE APPROPRIATE INTERSECTION. UNIFORMED TRAFFIC OFFICERS WILL BE PAID FOR UNDER CONTRACT ITEM 630.10.
2. SEE PROJECT LAYOUT SHEETS FOR SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) INSTALLATION LOCATIONS AND NOTES OR LOOP DETECTOR REPLACEMENT LOCATIONS.

LOOP DETECTOR NOTES

1. THE LOOP DETECTORS SHOWN ON THE PROJECT LAYOUT SHEETS SHALL BE USED AS A GUIDE. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS, INCLUDING, BUT NOT LIMITED TO, UTILITIES, POLES, PULL BOXES, AND LOOP DETECTORS. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. ALL PROPOSED VEHICLE DETECTOR LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE, WHICH IS IMMEDIATELY BELOW THE WEARING SURFACE. ONCE THE PROPOSED VEHICLE DETECTOR LOOP IS INSTALLED, THE INDUCTANCE, RESISTANCE AND LEAKAGE TO GROUND MUST BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THESE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES SHOWN ON THE LAYOUT PLANS AND THE FIELD MEASURED VALUES SHALL BE RECORDED ON THE LAYOUT PLANS. UPON COMPLETION OF THE INSTALLATION OF A PROPOSED VEHICLE LOOP DETECTOR, THE SIGNAL SHALL BE RETURNED TO NORMAL OPERATION.
3. THE CONTRACTOR SHALL USE THE EXISTING CONDUIT WHICH RUNS FROM THE CURB TO THE CONTROLLER PANEL FOR THE NEW LOOP DETECTORS.
4. EXISTING TIMINGS WILL BE USED.
5. WORK IMPROVEMENTS CONSISTING OF THOSE SHOWN ON THE PLANS SHALL BE PERFORMED ACCORDING TO SPECIFICATIONS AND STANDARD DRAWINGS OF THE VERMONT AGENCY OF TRANSPORTATION. VEHICLE DETECTOR LOOPS SHALL COMPLY WITH VTRANS STANDARD E-172.

**PROJECT
TYPICAL
SHEET 3**

PROJECT NAME: BURLINGTON (CLASS 1)
PROJECT NUMBER: STP 2722 (1)

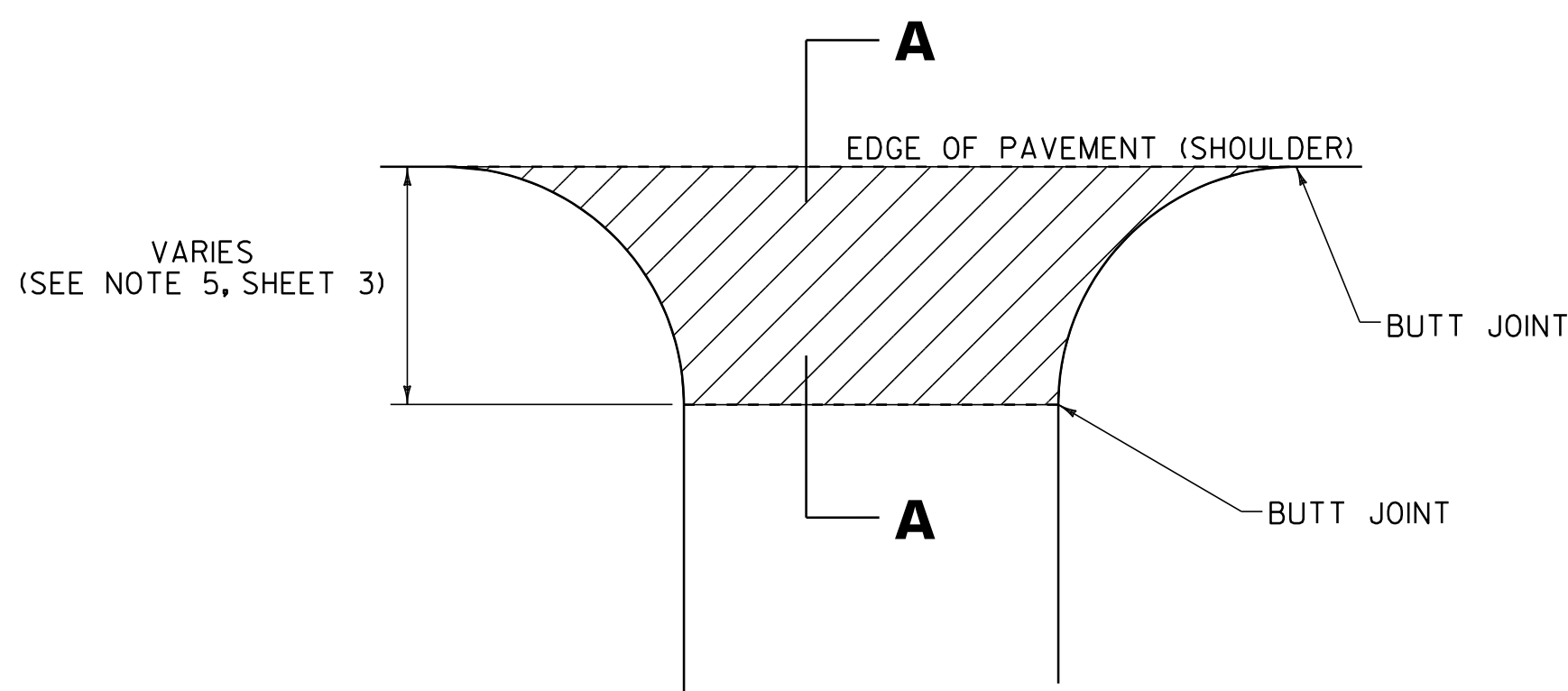
FILE NAME: 07d028.dgn
PROJECT LEADER: CDL
DESIGNED BY: BMB
PLOT FILE: 07d028_6.i

PLOT DATE: 05-JUN-2014 11:20
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 6 OF 61

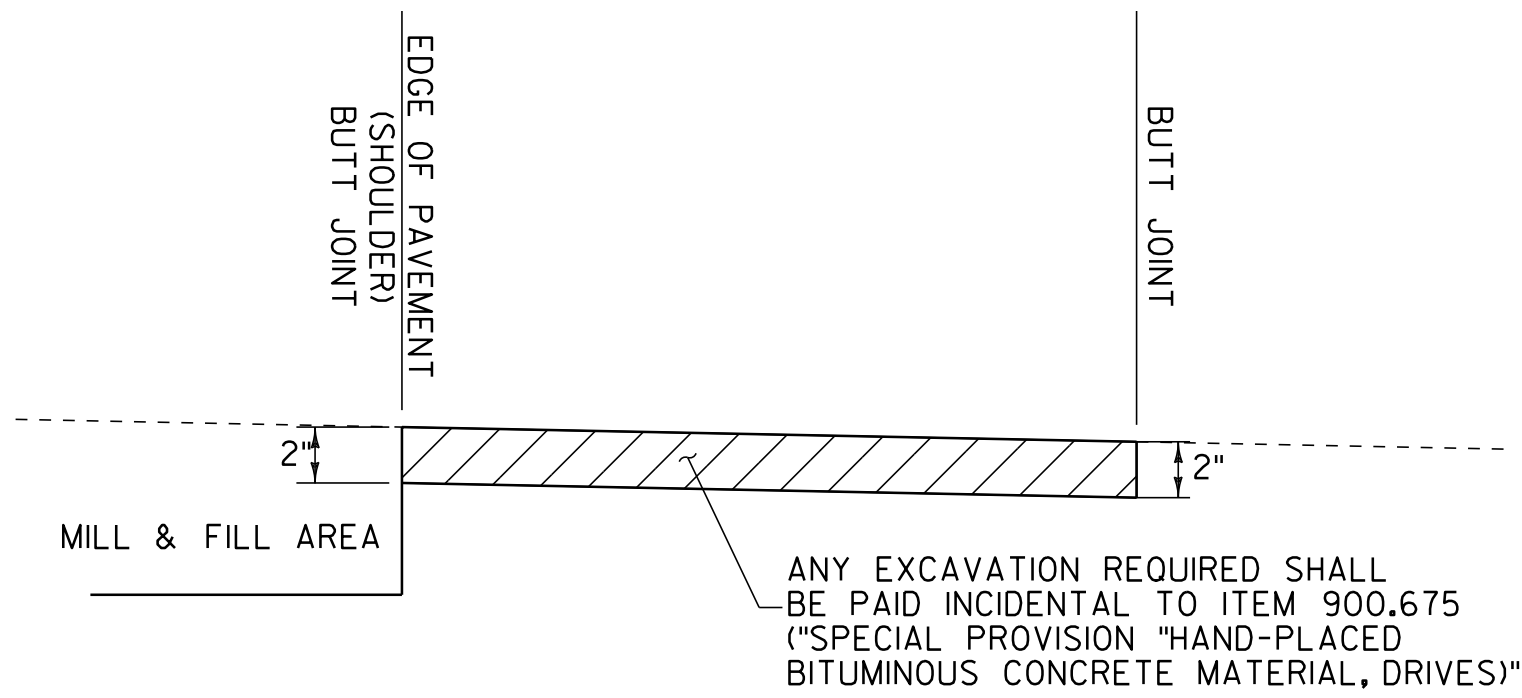
NOT TO SCALE

STATION	POSITION	QUANTITY (SY)
BURLINGTON		
4+51	LT	9.8
4+88	RT	29.2
5+56	LT	7.0
6+56	LT	8.9
6+67	RT	17.7
7+20	RT	15.5
8+06	RT	4.5
8+70	RT	4.8
8+95	RT	2.7
10+56	LT	7.1
11+24	LT	7.6
11+84	RT	12.8
11+96	LT	5.6
12+81	RT	5.0
12+95	RT	3.7
13+24	LT	5.0
13+37	RT	6.0
13+67	LT	5.5
13+95	LT	4.4
13+98	RT	6.7
15+05	RT	6.3
15+93	LT	3.3
16+49	RT	6.5
16+72	RT	4.7
16+84	LT	5.1
17+55	LT	6.6
19+11	RT	20.7
19+59	RT	13.3
20+05	RT	9.3
20+94	RT	11.3
21+96	RT	12.3
22+95	RT	8.9
23+86	RT	8.6
24+07	LT	9.8
24+47	RT	8.2
24+54	LT	13.9
25+43	RT	7.1
25+57	LT	13.0
25+93	RT	9.9
26+02	LT	15.0
26+43	RT	12.9
27+16	LT	37.4
27+19	RT	9.2
27+41	RT	10.4
28+05	RT	12.5
28+62	LT	18.2
30+81	LT	6.7
31+27	RT	6.3
31+74	LT	7.2
32+18	LT	7.2
32+51	RT	11.2
33+80	RT	8.3
34+40	RT	7.4
34+90	RT	8.8
35+22	LT	14.5
35+55	RT	4.9
38+06	RT	8.8
38+23	LT	8.1
38+55	RT	11.1
39+30	LT	29.7
40+10	LT	18.1
40+65	LT	11.6
40+68	RT	12.3
41+17	LT	9.6
43+46	LT	21.5

STATION	POSITION	QUANTITY (SY)
BURLINGTON		
43+55	RT	5.4
44+45	LT	12.2
44+96	LT	13.9
47+58	LT	16.6
48+55	RT	13.6
49+09	RT	16.9
50+05	RT	14.6
50+05	RT	24.9
50+05	RT	15.1
50+62	RT	11.3
50+62	RT	12.4
50+62	RT	5.2
52+29	LT	76.0
52+35	RT	48.2
58+70	RT	8.0
59+19	LT	23.3
59+94	LT	21.2
61+63	LT	8.3
63+20	RT	25.8
64+66	RT	7.1
64+92	LT	26.5
65+34	LT	10.6
68+28	LT	20.6
68+80	LT	12.6
70+85	RT	14.2
71+90	RT	13.7
72+59	RT	40.1
73+85	LT	9.2
74+31	LT	13.4
74+86	LT	14.0
75+17	RT	11.2
75+57	LT	17.7
75+81	RT	10.4
76+13	LT	32.7
76+20	RT	13.8
76+73	RT	12.4
76+94	LT	13.3
77+19	RT	16.0
77+60	LT	14.7
78+09	RT	12.9
78+30	LT	11.4
78+59	RT	13.4
78+86	LT	14.6
79+71	LT	17.4
80+15	LT	11.9
80+23	RT	12.5
80+62	LT	20.0
80+85	RT	9.8
81+03	LT	13.2
81+38	LT	16.6
81+59	RT	29.8
82+04	RT	29.1
83+29	LT	20.7
84+61	RT	9.0
84+71	LT	10.5
85+02	RT	9.3
86+12	RT	9.1
88+73	RT	35.3
89+69	RT	21.4
90+76	RT	34.7
90+80	LT	19.2
91+42	RT	11.1
91+64	LT	15.8
91+95	RT	8.1
92+32	RT	5.6

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PLAN



SECTION A-A

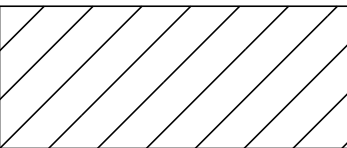
HANDWORK DETAILS FOR PAVED DRIVES

US ALT. ROUTE 7

NOTES:

1. PAVING LIFT NOT TO EXCEED 2" (50mm)
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.
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)".

LEGEND



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

HANDWORK FOR DRIVES DETAIL SHEET

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 07d028_7.i

PLOT DATE: 05-JUN-2014 11:20
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 7 OF 61

NOT TO SCALE

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES											
	EROSION CONTROL	GOV'T NON- PARTIC.	FULL CE	TRAINING	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						140	140	CY	COMMON EXCAVATION	203.15	6.8
						85	85	CY	SOLID ROCK EXCAVATION	203.16	0.4
						25	25	CY	EARTH BORROW	203.30	EST
						1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST
						46000	46000	SY	COLD PLANING BITUMINOUS PAVEMENT	210.10	352.5
						140	140	CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.26	3.2
						200	200	CWT	EMULSIFIED ASPHALT	404.65	9.4
						1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	-
						5150	5150	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	64.2
						1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
		9				19	28	EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
						46	46	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST.
						6	6	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST.
						5	5	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST.
						38	38	EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
						50	50	HR	POWER BROOM RENTAL, TYPE I	608.30	EST
						30	30	HR	POWER BROOM RENTAL TYPE II	608.31	EST
						6	6	LF	VERTICAL GRANITE CURB	616.21	-
						590	590	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	9.0
						480	480	LF	REMOVAL OF EXISTING CURB	616.41	5.0
						720	720	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	9.5
						1400	1400	SF	DETECTABLE WARNING SURFACE	618.30	3.0
		25				95	120	EA	ADJUST ELEVATION OF VALVE BOX	629.20	-
						2600	2600	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST
						5200	5200	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	-
						1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
						1	1	LS	TRAFFIC CONTROL	641.10	-
						1	1	LS	PUBLIC RELATIONS OFFICER	641.12	-
						3	3	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
						9800	9800	LF	DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA	646.406	190.0
						11000	11000	LF	DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA	646.416	106.0
						4500	4500	LF	DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA	646.426	412.0
						2800	2800	LF	DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA	646.436	202.0

[illegible][illegible]

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

[illegible][illegible][illegible]

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

[illegible][illegible][illegible]

STATE OF VERMONT										ITEM DETAIL SUMMARY SHEET 1														
BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.16 SOL ID ROCK EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.26 SUBBASE OF CRUSHED GRAVEL	604.40 CHANGE ELEV. DI	604.412 REHAB. D. I. CLASS I	604.415 REHAB. D. I. CLASS II	604.418 REHAB. D. I. CLASS III	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 CAST- IN- PLACE CONC CURB, TYPE B	616.41 REMOVAL OF EXISTING CURB	618.10 P. C. C. SIDE- WALK, 5 INCH	618.30 DETECTABLE WARNING SURFACE							REMARKS
			CY	CY	CY	CY	CY	EACH	EACH	EACH	EACH	EACH	LF	LF	LF	SY	SF							
BURLINGTON																								
3+75.00	103+80.00	LT&RT	25		25	1		28	46	6	5	38												ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER
3+75	3+84	LT	0.70	0.58			0.70									4.17	12							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
3+82	3+87	RT	0.73	0.61			0.73									4.39	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
7+14	7+28	LT	2.42	2.02			2.42									14.52	12							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
7+54	7+60	LT	0.95	0.79			0.95									5.68	12							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
9+00	9+78	LT	9.32	7.77			8.31									49.89	18							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
9+31	9+40	RT	1.33	1.11			1.33									7.98	14							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 1, FROM STANDARD DRAWING C-3A
14+32	14+45	LT	1.85	1.54			1.85									11.10	12							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
14+75	14+91	LT	1.69	1.41			1.69									10.15	10							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
17+89	17+98	RT	1.09	0.91			1.09									6.54	14							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
18+14	18+40	LT	7.11	5.93			7.11									42.69	66							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 1 FROM
																								STANDARD DRAWING C-3B
18+38	18+47	RT	0.50	0.42			0.50									3.00	10							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 1 FROM
																								STANDARD DRAWING C-3B
18+53	18+60	RT	0.57	0.47			0.57									3.40	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 1 FROM
																								STANDARD DRAWING C-3B
18+77	18+91	LT	2.39	1.99			2.39									14.34	32							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 1 FROM
																								STANDARD DRAWING C-3A
18+88	19+22	LT	7.94				2.39							41	41									REMOVE CURBING AND PAVEMENT. CONSTRUCT CURB AND RESURFACE WITH TOPSOIL,
																								SEED, AND TEMPORARY EROSION MATTING
19+20	19+25	LT	0.46	0.38			0.46									2.78	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
19+32	20+08	LT	0.50	0.42			3.38							145	35	20.27	8							CONSTRUCT SIDEWALK RAMP TYPE 2, FROM STANDARD DRAWING C-3A
29+73	29+84	RT	1.42	1.19			1.42									8.54	22							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
29+77	29+88	LT	1.98	1.65			1.98									11.89	26							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
30+12	30+21	LT	1.43	1.19			1.43									8.58	18							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
30+13	30+23	RT	0.93	0.78			0.93									5.60	14							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
33+21	33+25	LT	0.34	0.28			0.34									2.01	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
33+53	33+58	LT	0.38	0.31			0.38									2.26	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM
																								STANDARD DRAWING C-3B
SUBTOTAL			71.03	31.75	25	1	42.35	28	46	6	5	38	-	186	76	239.78	340							
																		ITEM DETAIL SUMMARY SHEET 1		PROJECT NAME: BURLINGTON (CLASS I)				
																				PROJECT NUMBER: STP 2722 (I)				
																				FILE NAME: 07d028.dgn				
																				PLOT DATE: 05-JUN-2014 11:20				
																				PROJECT LEADER: CDL				
																				DRAWN BY: SJL				
																				DESIGNED BY: SJL				
																				CHECKED BY: EPD				
																				PLOT FILE: 07d028_II.i				
																				SHEET II OF 61				

ITEM DETAIL SUMMARY SHEET 2

PLOT DATE: 05-JUN-2014 11:20
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 12 OF 61

ITEM DETAIL SUMMARY SHEET 3

ITEM DETAIL SUMMARY SHEET 3	PROJECT NAME: BURLINGTON (CLASS I)	
	PROJECT NUMBER: STP 2722 (I)	
	FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:20
	PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_I3.I	DRAWN BY: SJL CHECKED BY: EPD SHEET 13 OF 61

STATE OF VERMONT										ITEM DETAIL SUMMARY SHEET 4														
BEGIN STATION	END STATION	POS.	203.15 COMMON EXCAV.	203.16 SOL ID ROCK EXCAV.	203.30 EARTH BORROW	204.22 TRENCH EXCAV. OF EARTH, EXP. (N.A.B.I.)	301.26 SUBBASE OF CRUSHED GRAVEL	604.40 CHANGE ELEV. DI	604.412 REHAB. D. I. CLASS I	604.415 REHAB. D. I. CLASS II	604.418 REHAB. D. I. CLASS III	604.42 CHANGE ELEV. SEWER MANHOLE	616.21 VERTICAL GRANITE CURB	616.28 CAST- IN PLACE CONC CURB, TYPE B	616.41 REMOVAL OF EXISTING CURB	618.10 P. C. C. SIDE- WALK, 5 INCH	618.30 DETECTABLE WARNING SURFACE							REMARKS
			CY	CY	CY	CY	CY	EACH	EACH	EACH	EACH	EACH	LF	LF	LF	SY	SF							
73+47	73+53	RT	0.52	0.43			0.52									3.12	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B
73+51	73+56	LT	0.72	0.60			0.72							7	7	4.32	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B
73+53	73+58	RT	0.67	0.56			0.67							5	5	4.01	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B
86+30	86+42	LT	0.94	0.78			0.94									5.62	12							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
86+68	86+81	LT	1.03	0.86			1.03									6.16	14							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
89+19	89+27	RT	0.76	0.64			0.76									4.57	22							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
89+29	89+39	LT	0.85	0.71			0.85									5.08	24							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
89+50	89+58	RT	0.58	0.49			0.58									3.51	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2 FROM STANDARD DRAWING C-3A
89+66	89+77	LT	0.83	0.69			0.83									5.00	24							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
89+77	89+87	RT	0.54	0.45			0.54									3.27	12							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
92+05	92+13	RT	0.86	0.72			0.86						6			5.16	12							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2 FROM STANDARD DRAWING C-3A
92+07	92+12	LT	0.69	0.58			0.69									4.14	8							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 2 FROM STANDARD DRAWING C-3A
96+85	96+91	LT	0.30	0.25			0.30							6	6	1.81	8							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
96+92	96+95	LT	0.30	0.25			0.30							6	6	1.81	8							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
97+49	97+72	RT	1.95	1.63			1.95									11.70	32							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B
97+52	97+76	LT	1.39	1.16			1.39									8.35	40							REPLACE CONCRETE REQUIRED FOR INSTALLATION OF TRUNCATED DOMES
98+16	98+28	RT	2.04	1.70			2.04							14	14	12.22	20							REMOVE AND RECONSTRUCT SIDEWALK RAMP TYPE 6, EXAMPLE 3 FROM STANDARD DRAWING C-3B
SUBTOTAL THIS SHEET			14.97	12.5	-	-	14.97	-	-	-	-	-	6	38	38	89.85	268							
SUBTOTAL SHEET 11			71.03	31.75	25	1	42.35	28	46	6	5	38	-	186	76	239.78	340							
SUBTOTAL SHEET 12			26.42	22.01	-	-	26.61	-	-	-	-	-	-	38	38	159.64	415							
SUBTOTAL SHEET 13			20.80	17.36	-	-	52.92	-	-	-	-	-	-	319	323	221.25	374							
ROUNDING			6.78	0.38	-	-	3.15	-	-	-	-	-	-	9	5	9.48	3							
GRAND TOTAL			140	85	25	1	140	28	46	6	5	38	6	590	480	720	1400							
																		ITEM DETAIL SUMMARY SHEET 4		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)				
																				FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028.i4.i				
																				PLOT DATE: 05-JUN-2014 11:20 DRAWN BY: SJL CHECKED BY: EPD SHEET 14 OF 61				

203.16 SOLID ROCK EXCAVATION

STA. 7+14 - STA. 7+28 LT
STA. 7+54 - STA. 7+60 LT
STA. 9+00 - STA. 9+78 LT
STA. 9+31 - STA. 9+40 RT

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

STA. 6+99 RT (TMH)

604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III

STA. 8+44 RT "TYPE D GRATE"

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 7+14 - STA. 7+28 LT
STA. 7+54 - STA. 7+60 LT
STA. 9+31 - STA. 9+40 RT
STA. 9+33 - STA. 9+45 LT

618.30 DETECTABLE WARNING SURFACE

STA. 7+25 LT STA. 9+37 RT
STA. 7+56 LT STA. 9+39 LT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 7+48 LT (WSV) STA. 9+47 RT (WSV)

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA

STA. 4+75 - STA. 10+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TOWN ROADS AND CROSSWALKS)
STA. 8+31 - STA. 8+95 (SOLID RT)
STA. 8+31 - STA. 8+95 (SOLID RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 4+75 - STA. 10+75 (SOLID LT & RT)
(WITH EDGELINE BREAKS AT TOWN ROADS AND CROSSWALKS)
STA. 8+31 - STA. 8+60 (SOLID RT)
STA. 8+31 - STA. 8+60 (SOLID RT)

646.446 DURABLE 8" WHITE LINE, RECESSED POLYUREA

STA. 8+18 - STA. 8+57 (HATCHED RT)
STA. 9+47 - STA. 9+92 (HATCHED LT)

646.642 TEMPORARY 8" WHITE LINE, PAINT

STA. 8+18 - STA. 8+57 (HATCHED RT)
STA. 9+47 - STA. 9+92 (HATCHED LT)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

STA. 4+75 - STA. 10+75 (SOLID LT & RT,
WITH BREAKS AT TOWN ROADS AND CROSSWALKS)
STA. 7+39 LT (CENTERLINE MARION ST.)
STA. 9+06 RT (CENTERLINE SOUTH UNION ST.)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

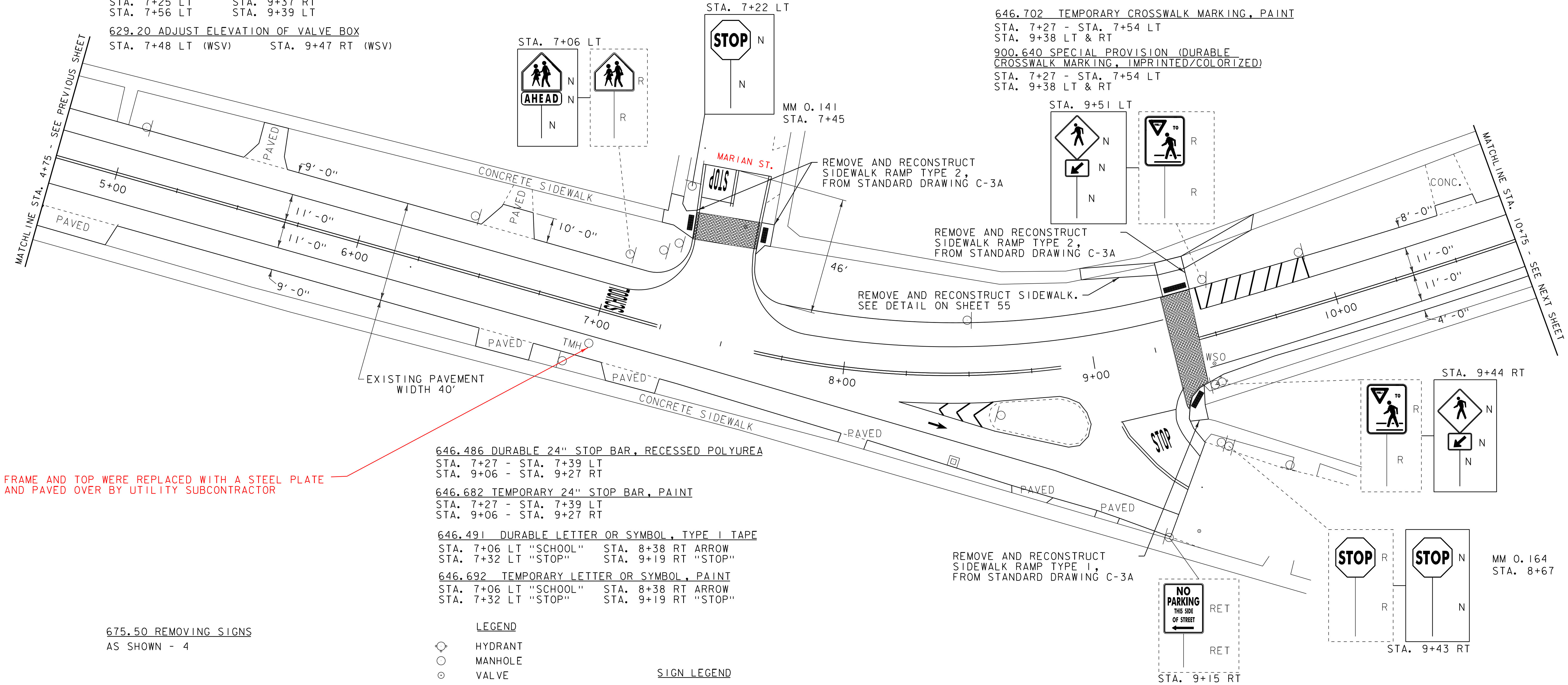
STA. 4+75 - STA. 10+75 (SOLID LT & RT,
WITH BREAKS AT TOWN ROADS AND CROSSWALKS)
STA. 7+39 LT (CENTERLINE MARION ST.)
STA. 9+06 RT (CENTERLINE SOUTH UNION ST.)

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 7+27 - STA. 7+54 LT
STA. 9+38 LT & RT

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

STA. 7+27 - STA. 7+54 LT
STA. 9+38 LT & RT



FRAME AND TOP WERE REPLACED WITH A STEEL PLATE
AND PAVED OVER BY UTILITY SUBCONTRACTOR

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 7+27 - STA. 7+39 LT
STA. 9+06 - STA. 9+27 RT

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 7+27 - STA. 7+39 LT
STA. 9+06 - STA. 9+27 RT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 7+06 LT "SCHOOL" STA. 8+38 RT ARROW
STA. 7+32 LT "STOP" STA. 9+19 RT "STOP"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 7+06 LT "SCHOOL" STA. 8+38 RT ARROW
STA. 7+32 LT "STOP" STA. 9+19 RT "STOP"

LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VIDEO DETECTION ZONE
- VIDEO CAMERA

SIGN LEGEND

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

675.50 REMOVING SIGNS

AS SHOWN - 4

NOT TO SCALE

PROJECT
LAYOUT
SHEET 2

PROJECT NAME: BURLINGTON (CLASS I)

PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn

PROJECT LEADER: EPD

DESIGNED BY: CDL

PLOT FILE: 07d028.16.1

PLOT DATE: 05-JUN-2014 11:20

DRAWN BY: SJL

CHECKED BY: EPD

SHEET 16 OF 61

203.16 SOLID ROCK EXCAVATION
STA. 14+32 - STA. 14+45 LT
STA. 14+75 - STA. 14+91 LT

604.412, 604.415, 604.418 REHAB. DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 14+11 LT

604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 13+53 LT

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 14+32 - STA. 14+45 LT
STA. 14+75 - STA. 14+91 LT

618.30 DETECTABLE WARNING SURFACE
STA. 14+41 LT STA. 14+78 LT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 14+72 LT (WSV) STA. 14+88 RT (WSV)

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA
STA. 14+53 - STA. 14+64 LT

646.682 TEMPORARY 24" STOP BAR, PAINT
STA. 14+53 - STA. 14+64 LT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 14+64 LT "STOP"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 14+64 LT "STOP"

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 10+75 - STA. 17+25 (SOLID LT & RT,
WITH BREAKS AT TOWN ROADS)

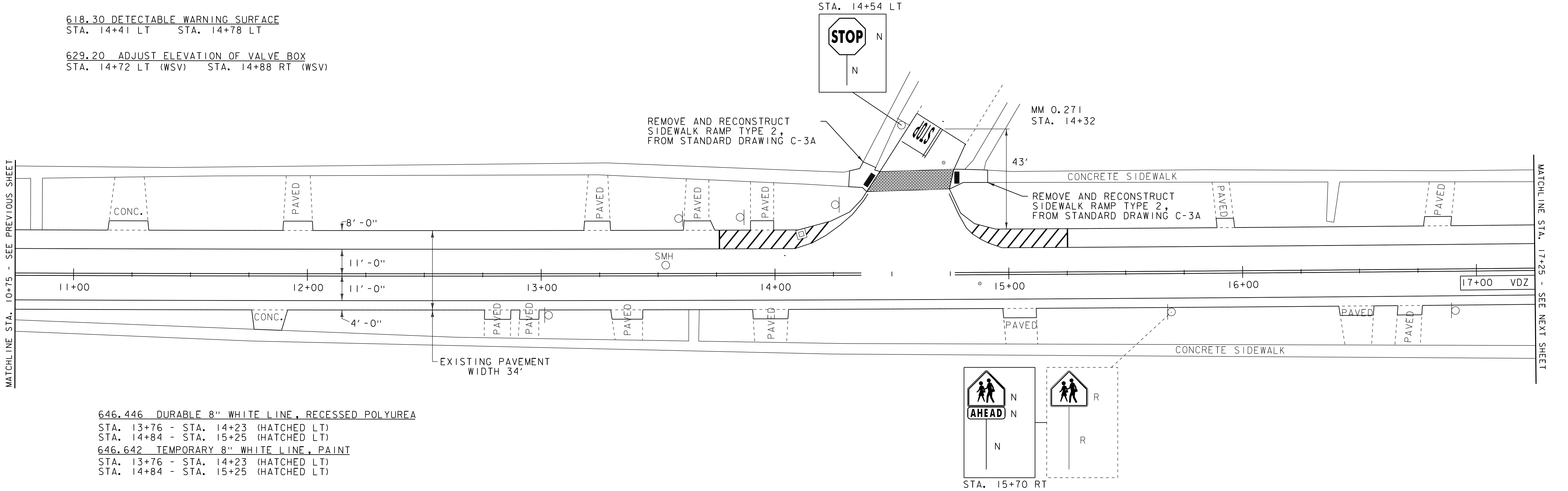
646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 10+75 - STA. 17+25 (SOLID LT & RT,
WITH BREAKS AT TOWN ROADS)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 10+75 - STA. 17+25 (SOLID LT & RT,
WITH BREAKS AT TOWN ROADS)
STA. 14+64 LT (CENTERLINE CATHERINE ST.)

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 10+75 - STA. 17+25 (SOLID LT & RT,
WITH BREAKS AT TOWN ROADS)
STA. 14+64 LT (CENTERLINE CATHERINE ST.)

900.640 SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, IMPRINTED/COLORIZED)
STA. 14+42 - STA. 14+76 LT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 14+42 - STA. 14+76 LT



646.446 DURABLE 8" WHITE LINE, RECESSED POLYUREA
STA. 13+76 - STA. 14+23 (HATCHED LT)
STA. 14+84 - STA. 15+25 (HATCHED LT)

646.642 TEMPORARY 8" WHITE LINE, PAINT
STA. 13+76 - STA. 14+23 (HATCHED LT)
STA. 14+84 - STA. 15+25 (HATCHED LT)

675.50 REMOVING SIGNS
AS SHOWN - I

LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VDZ VIDEO DETECTION ZONE
- VIDEO CAMERA

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: BURLINGTON (CLASS I)	
	PROJECT NUMBER: STP 2722 (I)	
	FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:20
	PROJECT LEADER: EPD	DRAWN BY: SJL
	DESIGNED BY: CDL	CHECKED BY: EPD
	PLOT FILE: 07d028_17.i	SHEET 17 OF 61

203.16 SOLID ROCK EXCAVATION

STA. 17+89 - STA. 17+98 RT
STA. 18+14 - STA. 18+40 LT
STA. 18+38 - STA. 18+47 RT
STA. 18+53 - STA. 18+60 RT
STA. 18+77 - STA. 18+91 LT

604.42 CHANGING ELEVATION
OF SEWER MANHOLES

STA. 18+47 LT

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 17+89 - STA. 17+98 RT
STA. 18+14 - STA. 18+40 LT
STA. 18+38 - STA. 18+47 RT
STA. 18+53 - STA. 18+60 RT
STA. 18+77 - STA. 18+91 LT
STA. 19+20 - STA. 19+25 LT
STA. 19+36 - STA. 19+72 LT

618.30 DETECTABLE WARNING SURFACE

STA. 17+95 RT STA. 18+80 LT
STA. 18+22 LT STA. 18+85 LT
STA. 18+35 LT STA. 19+23 LT
STA. 18+42 RT STA. 19+38 LT
STA. 18+57 RT

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 1
FROM STANDARD DRAWING C-3B

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 18+88 - STA. 19+22 LT
STA. 19+32 - STA. 19+82 LT
STA. 19+32 - STA. 20+08 LT

616.41 REMOVAL OF EXISTING CURB

STA. 18+88 - STA. 19+22 LT
STA. 19+66 - STA. 19+82 LT
STA. 19+66 - STA. 20+08 LT

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6,
EXAMPLE 1 FROM STANDARD
DRAWING C-3A

FOR REALIGNMENT OF CURBLINE
AND CONSTRUCTION OF SIDEWALK
SEE SHEET 55 FOR DETAILS

FOR REMOVAL OF CURBING
AND PAVEMENT, AND
CONSTRUCTION OF CURB
AND NEW SURFACE SEE
SHEET 57 FOR DETAILS

629.10 ADJUST ELEVATION OF VALVE BOX

STA. 18+07 CL (WSV) STA. 18+62 LT (WSV)
STA. 18+44 RT (WSV) STA. 18+64 RT (WSV)
STA. 18+58 LT (WSV)

STA. 19+74 LT

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA

STA. 17+25 - STA. 17+83 (SOLID RT)
STA. 17+25 - STA. 18+17 (SOLID LT)
STA. 19+93 - STA. 22+75 (SOLID LT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 17+25 - STA. 17+83 (SOLID RT)
STA. 17+25 - STA. 18+17 (SOLID LT)
STA. 19+93 - STA. 22+75 (SOLID LT)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

STA. 17+25 - STA. 17+83 (SOLID LT & RT)
STA. 18+14 RT (CENTERLINE HOWARD ST.)
STA. 18+54 LT (CENTERLINE HOWARD ST.)
STA. 19+49 LT (CENTERLINE ST. PAUL ST.)

STA. 20+91 LT

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 3
FROM STANDARD DRAWING C-3B

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 1
FROM STANDARD DRAWING C-3B

STA. 17+69 RT

646.436 DURABLE 6" YELLOW LINE, RECESSED POLYUREA
STA. 19+45 - STA. 22+75 (CENTERLINE RT)

646.446 DURABLE 8" WHITE LINE, RECESSED POLYUREA
STA. 17+89 - STA. 18+16 (HATCHED LT)

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 17+82 RT
STA. 18+13 - STA. 18+28 RT
STA. 18+44 - STA. 18+54 LT
STA. 19+40 - STA. 19+50 LT
STA. 19+45 RT - STA. 19+67 LT

646.491 DURABLE LETTER OR SYMBOL, TYPE 1 TAPE

STA. 19+57 RT ARROW STA. 19+57 RT BIKE
STA. 19+57 RT ARROW STA. 19+63 RT ARROW
STA. 19+57 RT ARROW

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 19+57 RT ARROW STA. 19+57 RT BIKE
STA. 19+57 RT ARROW STA. 19+63 RT ARROW
STA. 19+57 RT ARROW



HYDRANT



MANHOLE



VALVE



GAS PIPELINE MARKER



CATCH BASIN / DROP INLET



CURB INLET



TRAFFIC CONTROL BOX



PARKING METER



VIDEO DETECTION ZONE



VIDEO CAMERA

LEGEND

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: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: EPD
DESIGNED BY: CDL
PLOT FILE: 07d028.18.i

PLOT DATE: 05-JUN-2014 11:20
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 18 OF 61

604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 23+39 LT "TYPE D GRATE"
STA. 26+39 RT "TYPE D GRATE"

604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 23+39 LT
STA. 26+44 LT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 25+36 LT (WSV) STA. 27+37 RT (WSV)
STA. 27+18 RT (WSV)

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 22+75 - STA. 28+75 (SOLID LT)

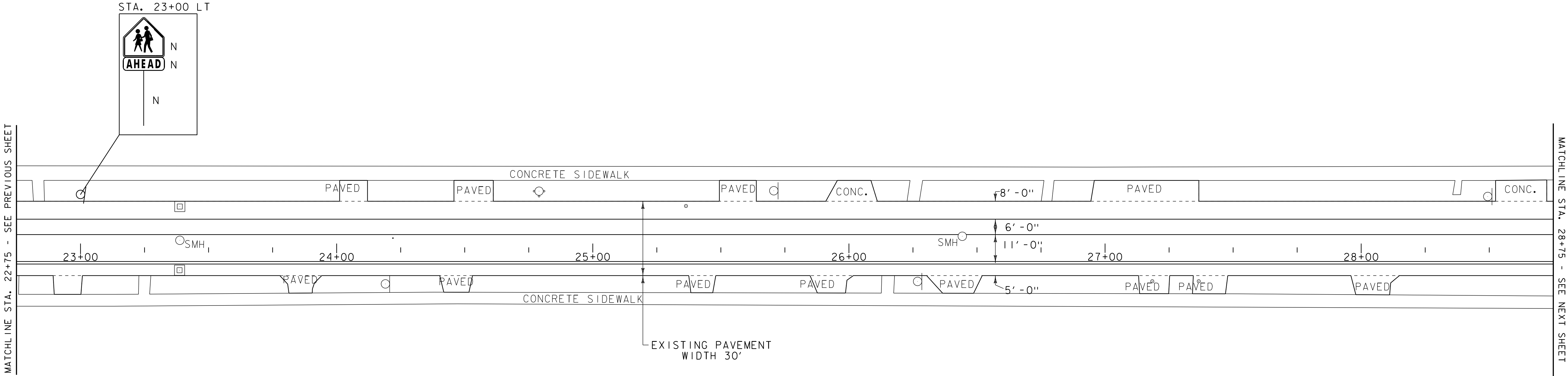
646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA
STA. 22+75 - STA. 28+75 (SOLID LT)

646.436 DURABLE 6" YELLOW LINE, RECESSED POLYUREA
STA. 22+75 - STA. 28+75 (CENTERLINE RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 22+75 - STA. 28+75 (SOLID LT)

646.622 TEMPORARY 6" WHITE LINE, PAINT
STA. 22+75 - STA. 28+75 (SOLID LT)

646.632 TEMPORARY 6" YELLOW LINE, PAINT
STA. 22+75 - STA. 28+75 (CENTERLINE RT)



- LEGEND**

 - HYDRANT
 - MANHOLE
 - VALVE
 - GAS PIPELINE MARKER
 - CATCH BASIN / DROP INLET
 - CURB INLET
 - TRAFFIC CONTROL BOX
 - PARKING METER
 - VDZ
 - VIDEO DETECTION ZONE
 - VIDEO CAMERA
- SIGN LEGEND**

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

PROJECT
LAYOUT
SHEET 5

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: 07d028.19.i	SHEET 19 OF 61

NOT TO SCALE

203.16 SOLID ROCK EXCAVATION

STA. 29+73 - STA. 29+84 RT
STA. 29+77 - STA. 29+88 LT
STA. 30+12 - STA. 30+21 LT
STA. 30+13 - STA. 30+23 RT
STA. 33+21 - STA. 33+25 LT
STA. 33+53 - STA. 33+58 LT

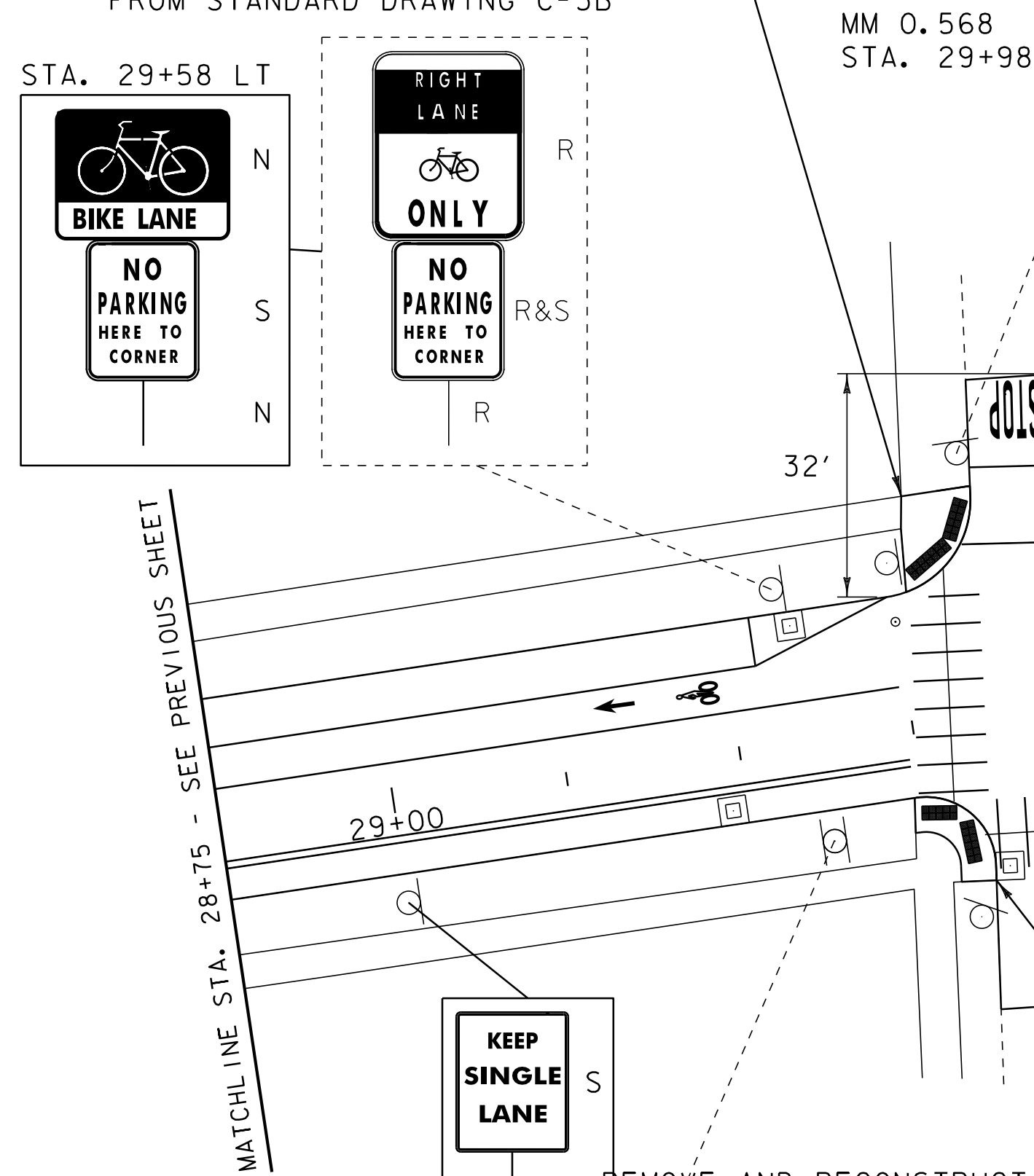
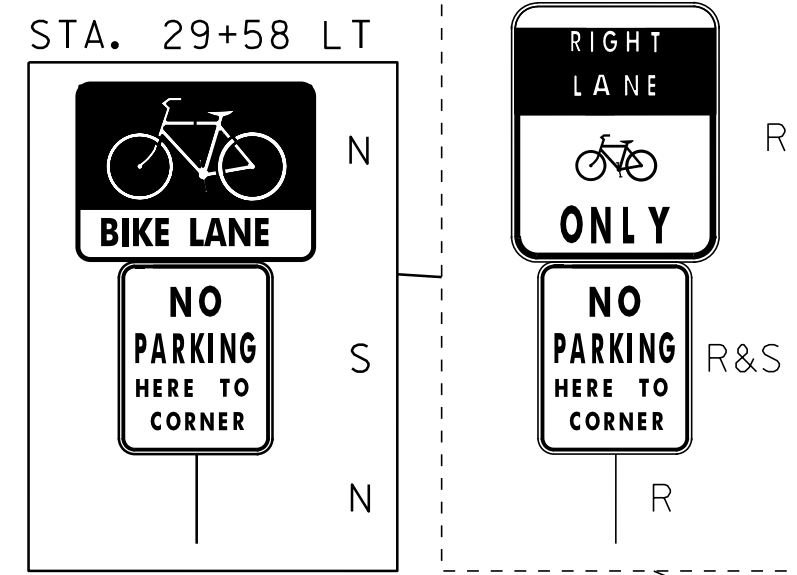
604.42 CHANGING ELEVATION
OF SEWER MANHOLES

STA. 29+99 LT
STA. 33+38 LT

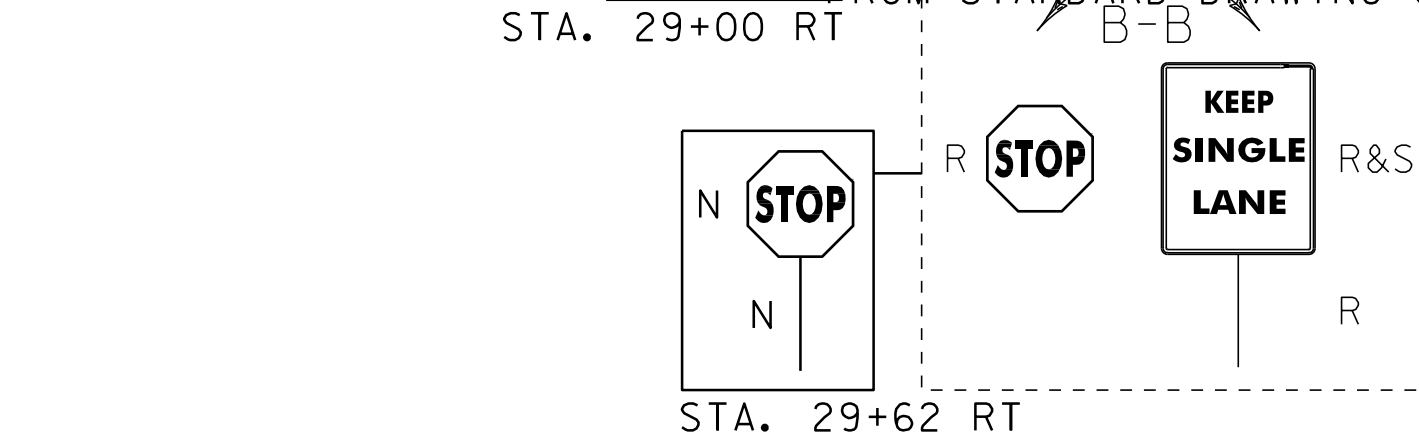
629.20 ADJUST ELEVATION OF VALVE BOX

STA. 29+75 LT (WSV) STA. 33+01 RT (WSV)
STA. 30+02 LT (WSV) STA. 33+23 RT (WSV)
STA. 30+05 RT (WSV) STA. 33+25 RT (WSV)
STA. 30+20 LT (WSV) STA. 33+32 LT (WSV)
STA. 32+29 RT (WSV)

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 3
FROM STANDARD DRAWING C-3B



REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 3
FROM STANDARD DRAWING C-3B



646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 29+88 - STA. 30+00 LT
STA. 29+97 - STA. 30+11 RT
STA. 30+29 LT & RT
STA. 33+26 - STA. 33+39 LT

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 29+88 - STA. 30+00 LT
STA. 29+97 - STA. 30+11 RT
STA. 30+29 LT & RT
STA. 33+26 - STA. 33+39 LT

604.412, 604.415, 604.418 REHAB. DROP

INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III

STA. 29+48 RT "TYPE D GRATE" STA. 30+27 LT "TYPE D GRATE"
STA. 29+60 LT "TYPE D GRATE" STA. 30+28 RT "TYPE D GRATE"
STA. 29+86 RT "TYPE D GRATE" STA. 33+42 RT "TYPE D GRATE"
STA. 30+09 RT "TYPE D GRATE" STA. 33+63 LT "TYPE D GRATE"
STA. 30+14 RT "TYPE D GRATE"

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 29+73 - STA. 29+84 RT
STA. 29+77 - STA. 29+88 LT
STA. 30+12 - STA. 30+21 LT
STA. 30+13 - STA. 30+23 RT
STA. 33+21 - STA. 33+25 LT
STA. 33+53 - STA. 33+58 LT

618.30 DETECTABLE WARNING SURFACE

STA. 29+77 RT STA. 30+18 LT
STA. 29+81 LT STA. 30+18 RT
STA. 30+15 LT STA. 33+22 LT
STA. 33+56 LT

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA

STA. 28+75 - STA. 29+74 (SOLID LT)
STA. 30+30 - STA. 33+10 (SOLID LT)
STA. 33+65 - STA. 34+75 (SOLID LT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 28+75 - STA. 29+74 (SOLID LT)
STA. 30+30 - STA. 33+10 (SOLID LT)
STA. 33+65 - STA. 34+75 (SOLID LT)

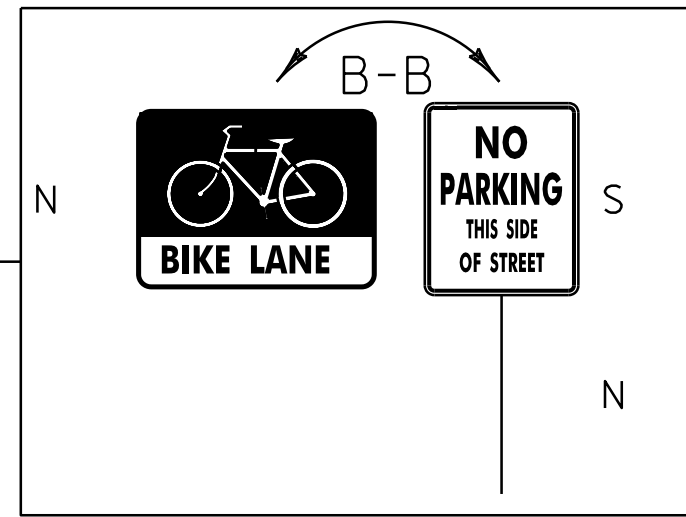
646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

STA. 29+96 RT (CENTERLINE SPRUCE ST.)
STA. 30+00 LT (CENTERLINE SPRUCE ST.)
STA. 33+40 LT (CENTERLINE ELM TERRACE)

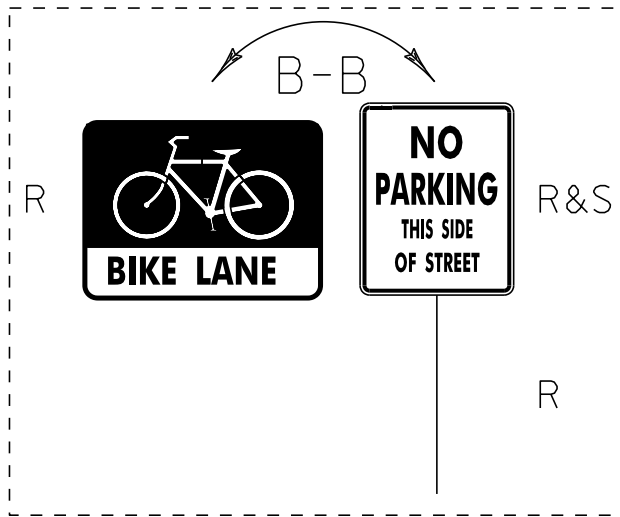
646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 29+96 RT (CENTERLINE SPRUCE ST.)
STA. 30+00 LT (CENTERLINE SPRUCE ST.)
STA. 33+40 LT (CENTERLINE ELM TERRACE)

REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 3
FROM STANDARD DRAWING C-3B



STA. 30+80 RT



STA. 30+16 RT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 29+33 LT ARROW STA. 30+43 RT BIKE
STA. 29+45 LT BIKE STA. 30+55 RT ARROW
STA. 29+95 LT "STOP" STA. 32+81 LT ARROW
STA. 30+05 RT "STOP" STA. 32+93 LT BIKE
STA. 30+39 LT & RT "STOP" STA. 33+32 LT "STOP"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 29+33 LT ARROW STA. 30+43 RT BIKE
STA. 29+45 LT BIKE STA. 30+55 RT ARROW
STA. 29+95 LT "STOP" STA. 32+81 LT ARROW
STA. 30+05 RT "STOP" STA. 32+93 LT BIKE
STA. 30+39 LT & RT "STOP" STA. 33+32 LT "STOP"

LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VDZ VIDEO DETECTION ZONE
- VIDEO CAMERA

SIGN LEGEND

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

PROJECT
LAYOUT
SHEET 6

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD DRAWN BY: SJL
DESIGNED BY: CDL CHECKED BY: EPD
PLOT FILE: 07d028.20.i SHEET 20 OF 61

NOT TO SCALE

203.16 SOLID ROCK EXCAVATION
STA. 36+24 - STA. 36+36 LT
STA. 36+27 - STA. 36+32 RT
STA. 36+32 - STA. 36+37 RT
STA. 36+66 - STA. 36+82 LT
STA. 36+68 - STA. 36+81 RT

604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 36+55 LT
STA. 38+63 LT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 36+24 RT (WSV) STA. 36+52 LT (WSV)
STA. 36+26 RT (WSV) STA. 36+83 RT (WSV)
STA. 36+46 RT (WSV)

604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 36+37 RT "TYPE B GRATE"
STA. 36+69 RT "TYPE D GRATE"
STA. 36+84 LT "TYPE D GRATE"

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 35+78 LT ARROW STA. 36+96 LT & RT "STOP"
STA. 35+90 LT BIKE STA. 37+00 RT BIKE
STA. 36+43 LT "STOP" STA. 37+12 RT ARROW
STA. 36+60 RT "STOP"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 35+78 LT ARROW STA. 36+96 LT & RT "STOP"
STA. 35+90 LT BIKE STA. 37+00 RT BIKE
STA. 36+43 LT "STOP" STA. 37+12 RT ARROW
STA. 36+60 RT "STOP"

646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA
STA. 34+75 - STA. 36+25 (SOLID LT)
STA. 36+85 - STA. 40+75 (SOLID LT)

646.622 TEMPORARY 6" WHITE LINE, PAINT
STA. 34+75 - STA. 36+25 (SOLID LT)
STA. 36+85 - STA. 40+75 (SOLID LT)

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 34+75 - STA. 36+15 (SOLID LT)
STA. 36+90 - STA. 40+75 (SOLID LT)

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 34+75 - STA. 36+15 (SOLID LT)
STA. 36+90 - STA. 40+75 (SOLID LT)

646.436 DURABLE 6" YELLOW LINE, RECESSED POLYUREA
STA. 34+75 - STA. 36+26 (CENTERLINE RT)
STA. 36+87 - STA. 40+75 (CENTERLINE RT)

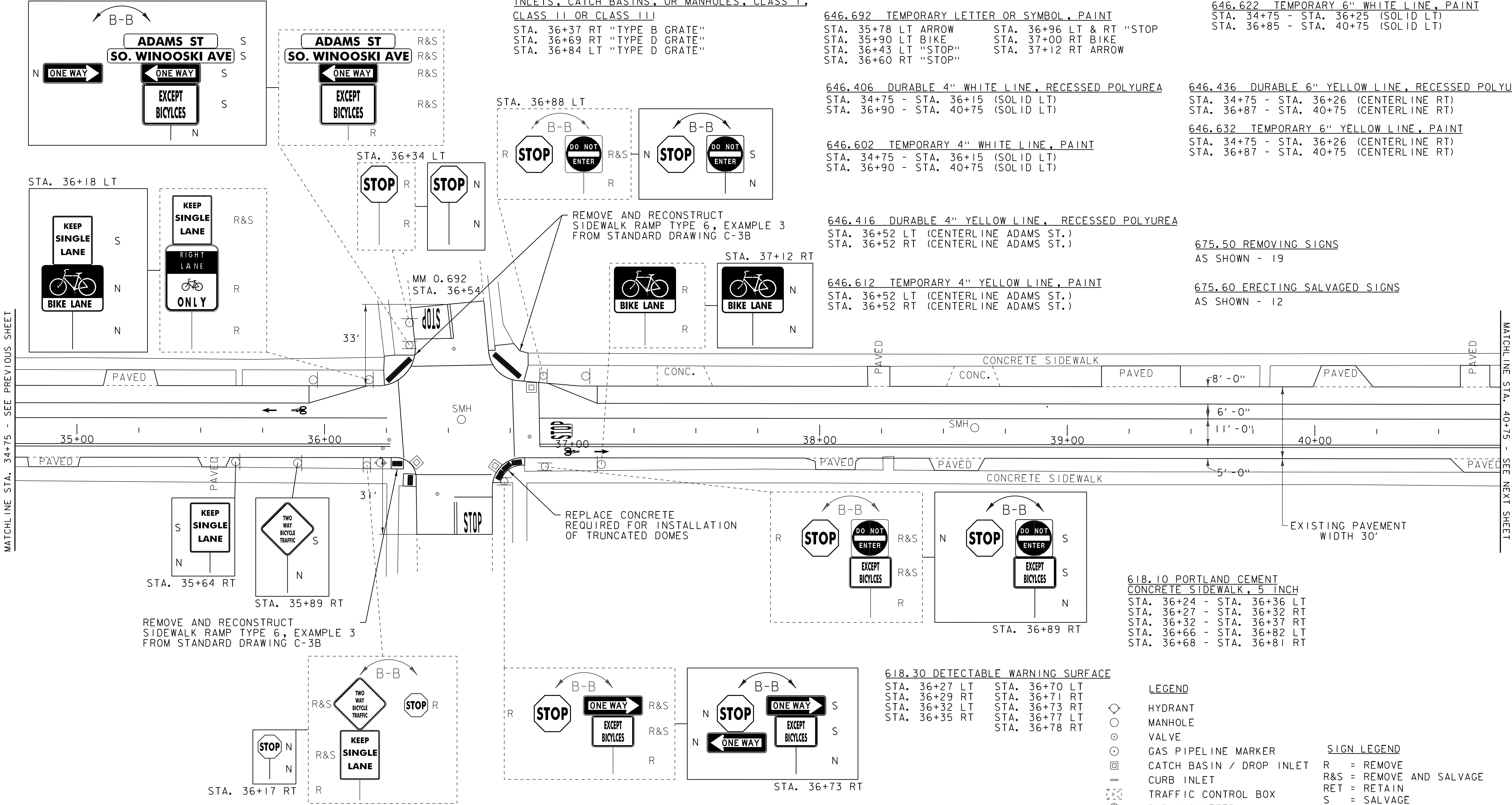
646.632 TEMPORARY 6" YELLOW LINE, PAINT
STA. 34+75 - STA. 36+26 (CENTERLINE RT)
STA. 36+87 - STA. 40+75 (CENTERLINE RT)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 36+52 LT (CENTERLINE ADAMS ST.)
STA. 36+52 RT (CENTERLINE ADAMS ST.)

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 36+52 LT (CENTERLINE ADAMS ST.)
STA. 36+52 RT (CENTERLINE ADAMS ST.)

675.50 REMOVING SIGNS
AS SHOWN - 19

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 12



REMOVE AND RECONSTRUCT
SIDEWALK RAMP TYPE 6, EXAMPLE 3
FROM STANDARD DRAWING C-3B

REPLACE CONCRETE
REQUIRED FOR INSTALLATION
OF TRUNCATED DOMES

EXISTING PAVEMENT
WIDTH 30'

LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VIDEO DETECTION ZONE
- VIDEO CAMERA

SIGN LEGEND

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

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 36+31 LT & RT
STA. 36+35 - STA. 36+68 LT
STA. 36+37 - STA. 36+67 RT
STA. 36+76 LT & RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 36+31 LT & RT
STA. 36+35 - STA. 36+68 LT
STA. 36+37 - STA. 36+67 RT
STA. 36+76 LT & RT

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA
STA. 36+37 - STA. 36+52 LT
STA. 36+52 - STA. 36+68 RT
STA. 36+86 LT & RT

646.682 TEMPORARY 24" STOP BAR, PAINT
STA. 36+37 - STA. 36+52 LT
STA. 36+52 - STA. 36+68 RT
STA. 36+86 LT & RT

618.30 DETECTABLE WARNING SURFACE
STA. 36+27 LT STA. 36+70 LT
STA. 36+29 RT STA. 36+71 RT
STA. 36+32 LT STA. 36+73 RT
STA. 36+35 RT STA. 36+77 LT
STA. 36+78 RT

PROJECT
LAYOUT
SHEET 7

NOT TO SCALE

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD DRAWN BY: SJL
DESIGNED BY: CDL CHECKED BY: EPD
PLOT FILE: 07d028.21.i SHEET 21 OF 61

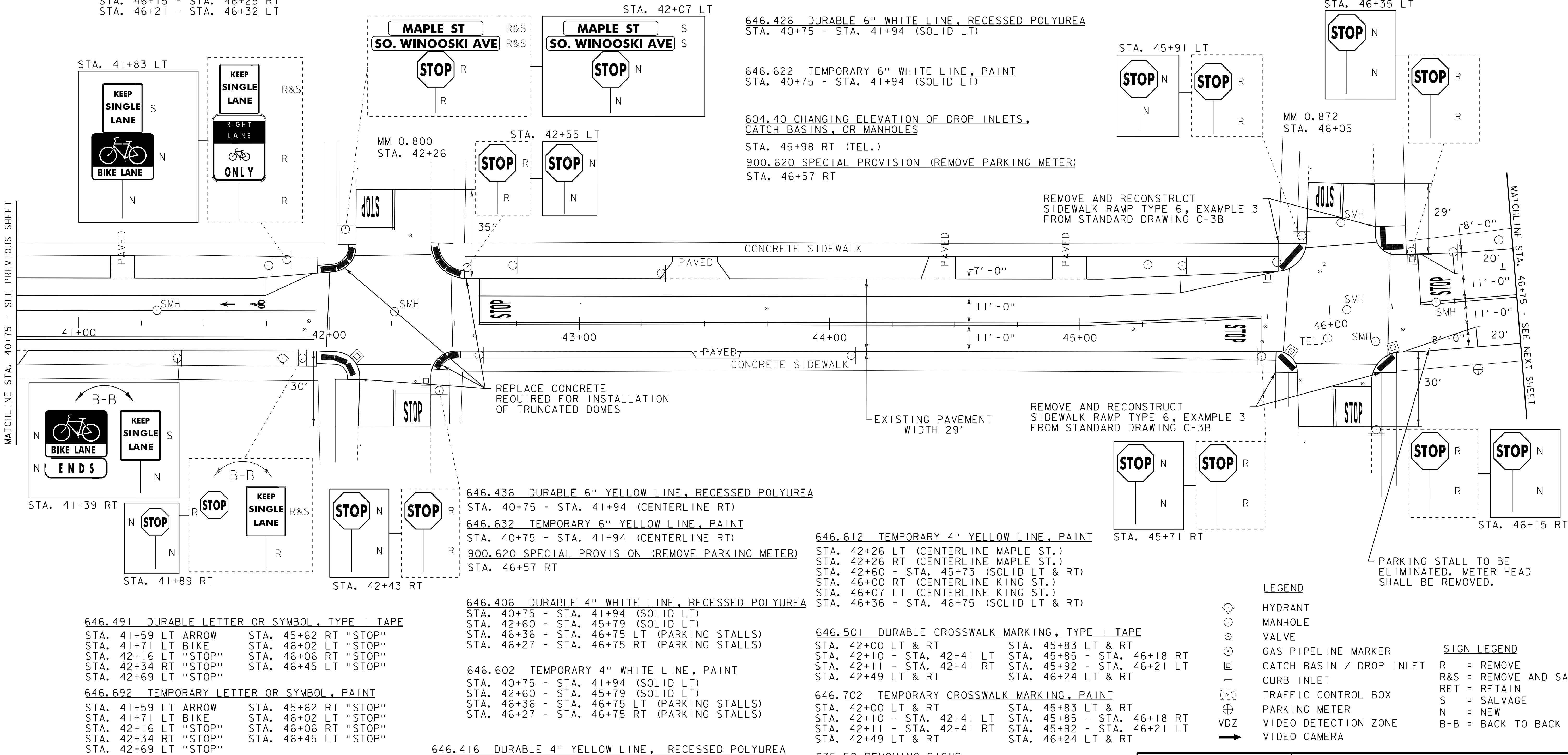
203.16 SOLID ROCK EXCAVATION
STA. 41+95 - STA. 42+11 LT
STA. 41+95 - STA. 42+12 RT
STA. 42+41 - STA. 42+53 RT
STA. 42+41 - STA. 42+54 LT
STA. 45+77 - STA. 45+85 RT
STA. 45+81 - STA. 45+93 LT
STA. 46+15 - STA. 46+25 RT
STA. 46+21 - STA. 46+32 LT
618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 41+95 - STA. 42+11 LT
STA. 41+95 - STA. 42+12 RT
STA. 42+41 - STA. 42+53 RT
STA. 42+41 - STA. 42+54 LT
STA. 45+77 - STA. 45+85 RT
STA. 45+81 - STA. 45+93 LT
STA. 46+15 - STA. 46+25 RT
STA. 46+21 - STA. 46+32 LT

618.30 DETECTABLE WARNING SURFACE
STA. 41+99 RT STA. 42+50 RT
STA. 42+00 LT STA. 45+80 RT
STA. 42+04 RT STA. 45+83 RT
STA. 42+05 LT STA. 45+84 LT
STA. 42+08 LT STA. 45+89 LT
STA. 42+09 RT STA. 46+19 RT
STA. 42+43 LT STA. 46+23 LT
STA. 42+44 RT STA. 46+23 RT
STA. 42+49 LT STA. 46+28 LT
604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 41+31 LT STA. 46+07 CL
STA. 42+26 LT STA. 46+17 RT
STA. 46+07 LT STA. 46+43 CL

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 41+90 RT (WSV) STA. 45+73 RT (WSV)
STA. 41+92 LT (WSV) STA. 45+74 RT (WSV)
STA. 42+32 LT (WSV) STA. 45+87 RT (GSV)
STA. 42+35 RT (WSV) STA. 45+97 LT (GSV)
STA. 42+58 RT (WSV) STA. 45+99 LT (GSV)
STA. 43+75 LT (WSV) STA. 46+11 RT (WSV)
STA. 45+21 RT (WSV) STA. 46+29 RT (WSV)
646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA
STA. 42+11 - 42+26 LT STA. 45+94 - 46+07 LT
STA. 42+26 - 42+41 RT STA. 45+99 - 46+14 RT
STA. 42+59 LT STA. 46+36 LT
STA. 45+71 RT

646.682 TEMPORARY 24" STOP BAR, PAINT
STA. 42+11 - 42+26 LT STA. 45+94 - 46+07 LT
STA. 42+26 - 42+41 RT STA. 45+99 - 46+14 RT
STA. 42+59 LT STA. 46+36 LT
STA. 45+71 RT
604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 42+11 RT "TYPE D GRATE"
STA. 42+39 RT "TYPE D GRATE"
STA. 45+77 LT "TYPE D GRATE"
STA. 45+83 RT "TYPE D GRATE"
STA. 46+24 RT "TYPE D GRATE"
STA. 46+35 LT "TYPE D GRATE"

INTERIM COMPLETION @ STA 45+90 IN 2010



646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 41+59 LT ARROW STA. 45+62 RT "STOP"
STA. 41+71 LT BIKE STA. 46+02 LT "STOP"
STA. 42+16 LT "STOP" STA. 46+06 RT "STOP"
STA. 42+34 RT "STOP" STA. 46+45 LT "STOP"
STA. 42+69 LT "STOP"
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 41+59 LT ARROW STA. 45+62 RT "STOP"
STA. 41+71 LT BIKE STA. 46+02 LT "STOP"
STA. 42+16 LT "STOP" STA. 46+06 RT "STOP"
STA. 42+34 RT "STOP" STA. 46+45 LT "STOP"
STA. 42+69 LT "STOP"

646.436 DURABLE 6" YELLOW LINE, RECESSED POLYUREA
STA. 40+75 - STA. 41+94 (CENTERLINE RT)
646.632 TEMPORARY 6" YELLOW LINE, PAINT
STA. 40+75 - STA. 41+94 (CENTERLINE RT)
900.620 SPECIAL PROVISION (REMOVE PARKING METER)
STA. 46+57 RT
646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 40+75 - STA. 41+94 (SOLID LT)
STA. 42+60 - STA. 45+79 (SOLID LT)
STA. 46+36 - STA. 46+75 LT (PARKING STALLS)
STA. 46+27 - STA. 46+75 RT (PARKING STALLS)

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 40+75 - STA. 41+94 (SOLID LT)
STA. 42+60 - STA. 45+79 (SOLID LT)
STA. 46+36 - STA. 46+75 LT (PARKING STALLS)
STA. 46+27 - STA. 46+75 RT (PARKING STALLS)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 42+26 LT (CENTERLINE MAPLE ST.)
STA. 42+26 RT (CENTERLINE MAPLE ST.)
STA. 42+60 - STA. 45+73 (SOLID LT & RT)
STA. 46+00 RT (CENTERLINE KING ST.)
STA. 46+07 LT (CENTERLINE KING ST.)
STA. 46+36 - STA. 46+75 (SOLID LT & RT)

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 42+26 LT (CENTERLINE MAPLE ST.)
STA. 42+26 RT (CENTERLINE MAPLE ST.)
STA. 42+60 - STA. 45+73 (SOLID LT & RT)
STA. 46+00 RT (CENTERLINE KING ST.)
STA. 46+07 LT (CENTERLINE KING ST.)
STA. 46+36 - STA. 46+75 (SOLID LT & RT)

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 42+00 LT & RT STA. 45+83 LT & RT
STA. 42+10 - STA. 42+41 LT STA. 45+85 - STA. 46+18 RT
STA. 42+11 - STA. 42+41 RT STA. 45+92 - STA. 46+21 LT
STA. 42+49 LT & RT STA. 46+24 LT & RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 42+00 LT & RT STA. 45+83 LT & RT
STA. 42+10 - STA. 42+41 LT STA. 45+85 - STA. 46+18 RT
STA. 42+11 - STA. 42+41 RT STA. 45+92 - STA. 46+21 LT
STA. 42+49 LT & RT STA. 46+24 LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 13

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4

PROJECT
LAYOUT
SHEET 8

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD DRAWN BY: SJL
DESIGNED BY: CDL CHECKED BY: EPD
PLOT FILE: 07d028.22.i SHEET 22 OF 61

NOT TO SCALE

203.16 SOLID ROCK EXCAVATION

STA. 49+91 - STA. 50+05 LT
STA. 49+97 - STA. 50+06 RT
STA. 50+60 - STA. 50+80 RT
STA. 50+71 - STA. 50+80 LT

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 49+91 - STA. 50+05 LT
STA. 49+97 - STA. 50+06 RT
STA. 50+60 - STA. 50+80 RT
STA. 50+71 - STA. 50+80 LT

618.30 DETECTABLE WARNING SURFACE

STA. 49+97 LT STA. 50+64 RT
STA. 50+01 RT STA. 50+76 RT
STA. 50+02 LT STA. 50+76 LT

604.40 CHANGING ELEVATION OF DROP INLETS,

CATCH BASINS, OR MANHOLES

STA. 50+14 LT (DMH) STA. 50+83 LT (TEL.)
STA. 50+47 RT (TEL.) STA. 52+09 LT (DMH)
STA. 50+57 LT (DMH) STA. 52+90 LT (DMH)
STA. 50+67 LT (DMH)

604.42 CHANGING ELEVATION

OF SEWER MANHOLES

STA. 49+95 RT STA. 50+83 RT
STA. 50+36 LT

900.620 SPECIAL PROVISION (VIDEO VEHICLE
DETECTION SYSTEM) (U.S. ALT. ROUTE 7 @
MAIN ST.)

STA. 50+73 LT STA. 50+73 LT

900.620 SPECIAL PROVISION (REMOVE PARKING METER)

STA. 49+78 RT

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 49+89 RT
STA. 50+06 - STA. 50+27 LT
STA. 50+27 - STA. 50+37 RT
STA. 50+27 - STA. 50+40 LT
STA. 50+37 - STA. 50+60 RT
STA. 50+86 LT
STA. 50+90 RT

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 49+89 RT
STA. 50+06 - STA. 50+27 LT
STA. 50+27 - STA. 50+37 RT
STA. 50+27 - STA. 50+40 LT
STA. 50+37 - STA. 50+60 RT
STA. 50+86 LT
STA. 50+90 RT

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

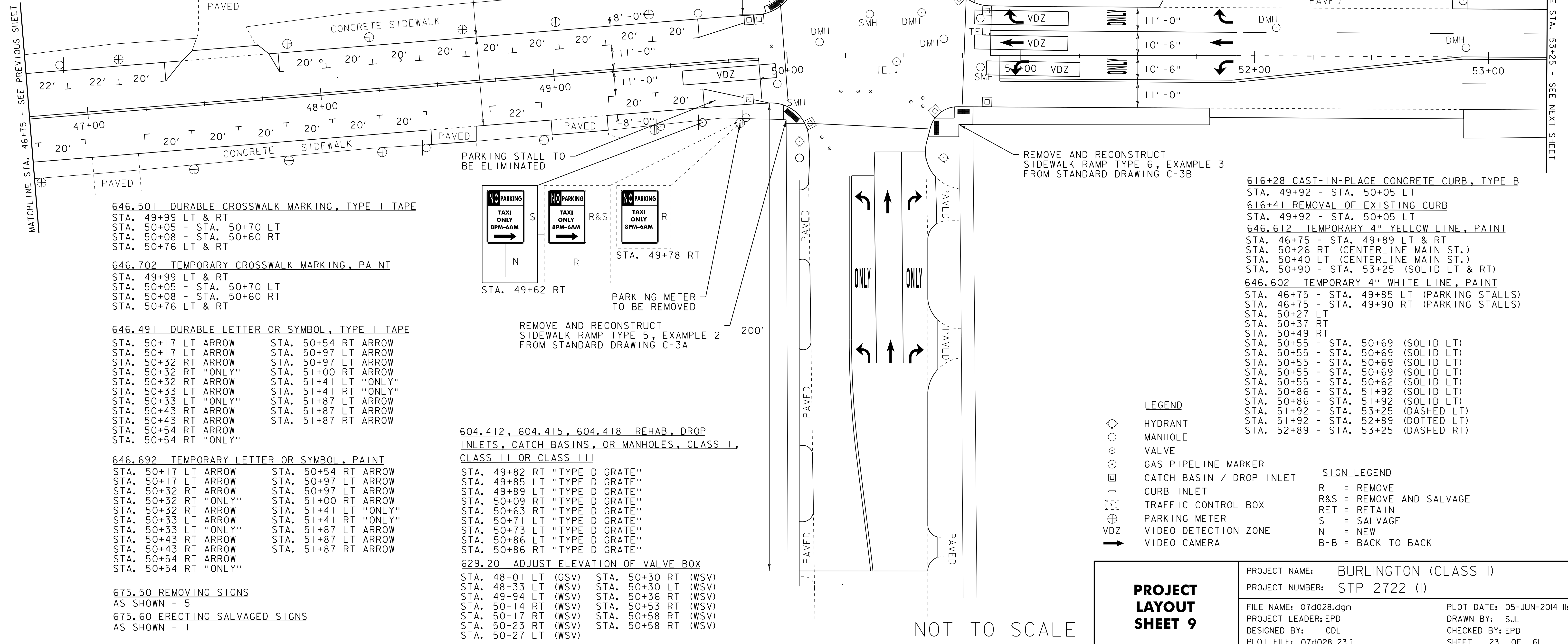
STA. 46+75 - STA. 49+89 (SOLID LT & RT)
STA. 50+26 RT (CENTERLINE MAIN ST.)
STA. 50+40 LT (CENTERLINE MAIN ST.)
STA. 50+90 - STA. 53+25 (SOLID LT & RT)

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA

STA. 46+75 - STA. 49+85 LT (PARKING STALLS)
STA. 46+75 - STA. 49+90 RT (PARKING STALLS)

STA. 50+27 LT
STA. 50+37 RT
STA. 50+49 RT
STA. 50+55 - STA. 50+69 (SOLID LT)
STA. 50+55 - STA. 50+69 (SOLID LT)
STA. 50+55 - STA. 50+69 (SOLID LT)
STA. 50+55 - STA. 50+69 (SOLID LT)
STA. 50+55 - STA. 50+62 (SOLID LT)
STA. 50+86 - STA. 51+92 (SOLID LT)
STA. 50+86 - STA. 51+92 (SOLID LT)
STA. 51+92 - STA. 53+25 (DASHED LT)
STA. 51+92 - STA. 52+89 (DOTTED LT)
STA. 52+89 - STA. 53+25 (DASHED RT)

STA. 52+89 LT



203.16 SOLID ROCK EXCAVATION

STA. 61+27 - STA. 61+34 RT
STA. 61+64 - STA. 61+74 RT
STA. 62+27 - STA. 62+39 LT
STA. 62+29 - STA. 62+38 RT
STA. 62+79 - STA. 62+92 LT
STA. 62+84 - STA. 62+92 RT

604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III

STA. 61+68 RT "TYPE D GRATE"
STA. 62+37 LT "TYPE D GRATE"
STA. 62+83 LT "TYPE D GRATE"

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

STA. 60+17 LT (EMH) STA. 62+48 LT (EMH)
STA. 61+38 LT (EMH) STA. 62+75 LT (EMH)
STA. 62+45 LT (EMH) STA. 64+17 LT (EMH)

604.42 CHANGING ELEVATION
OF SEWER MANHOLES

STA. 61+38 LT STA. 62+66 LT
STA. 61+63 RT STA. 63+00 RT
 STA. 65+21 LT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 62+29 - STA. 62+38 RT
STA. 62+83 - STA. 62+92 RT
STA. 63+21 - STA. 64+43 LT

616.41 REMOVAL OF EXISTING CURB

STA. 62+29 - STA. 62+38 RT
STA. 62+83 - STA. 62+92 RT
STA. 63+21 - STA. 64+43 LT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 61+86 RT (GSV) STA. 63+14 LT (WSV)
STA. 62+66 LT (WSV) STA. 63+33 LT (WSV)
STA. 62+70 LT (WSV) STA. 63+41 RT (GSV)

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 61+27 - STA. 61+34 RT
STA. 61+64 - STA. 61+74 RT
STA. 62+27 - STA. 62+39 LT
STA. 62+29 - STA. 62+38 RT
STA. 62+79 - STA. 62+92 LT
STA. 62+84 - STA. 62+92 RT
STA. 63+21 - STA. 64+43 LT

618.30 DETECTABLE WARNING SURFACE

STA. 61+30 RT STA. 62+36 LT
STA. 61+68 RT STA. 62+83 LT
STA. 62+31 LT STA. 62+88 RT
STA. 62+34 RT STA. 62+89 LT

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA

STA. 59+50 - STA. 62+24 (DASHED LT & RT)
STA. 61+50 RT (EDGELINES BUELL ST.)
STA. 62+98 - STA. 65+25 (DASHED LT)
STA. 62+98 - STA. 64+75 (DASHED RT)
STA. 64+75 - STA. 65+25 (SOLID RT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 59+50 - STA. 62+24 (DASHED LT & RT)
STA. 61+50 RT (EDGELINES BUELL ST.)
STA. 62+98 - STA. 65+25 (DASHED LT)
STA. 62+98 - STA. 64+75 (DASHED RT)
STA. 64+75 - STA. 65+25 (SOLID RT)

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 64+81 RT "ONLY"
STA. 64+81 RT "ONLY"

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 64+81 RT "ONLY"
STA. 64+81 RT "ONLY"

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

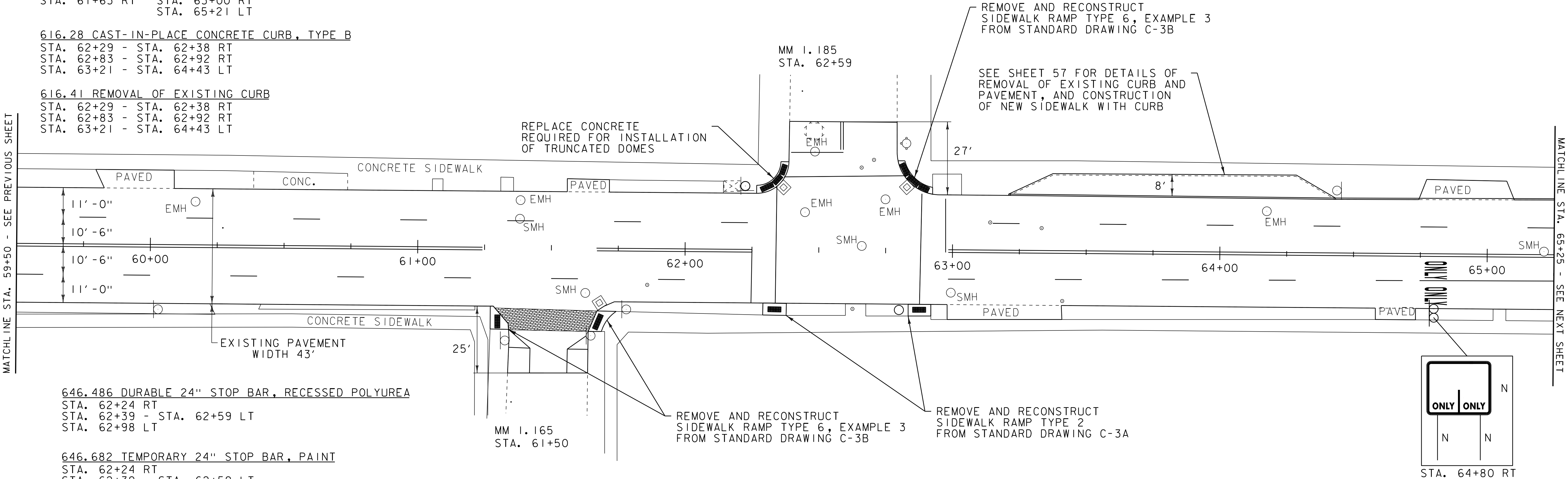
STA. 59+50 - STA. 62+25 (SOLID LT & RT)
(WITH BREAKS AT TOWN ROADS)
STA. 62+59 LT (CENTERLINE CHERRY ST.)
STA. 62+98 - STA. 65+25 (SOLID LT & RT)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 59+50 - STA. 62+25 (SOLID LT & RT)
(WITH BREAKS AT TOWN ROADS)
STA. 62+59 LT (CENTERLINE CHERRY ST.)
STA. 62+98 - STA. 65+25 (SOLID LT & RT)

VEHICLE LOOP DETECTOR SCHEDULE NOT INSTALLED

STREET	STATION	SIZE	TYPE	TURNS	MODE
CHERRY ST.	STA. 62+46 - STA. 62+52 LT	6' X 6'	QUAD	3	PRES



646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 62+24 RT
STA. 62+39 - STA. 62+59 LT
STA. 62+98 LT

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 62+24 RT
STA. 62+39 - STA. 62+59 LT
STA. 62+98 LT

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 62+34 LT & RT
STA. 62+37 - STA. 62+83 LT
STA. 62+88 LT & RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 61+33 - STA. 61+64 RT
STA. 62+34 LT & RT
STA. 62+37 - STA. 62+83 LT
STA. 62+88 LT & RT

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

STA. 61+33 - STA. 61+64 RT

LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VIDEO DETECTION ZONE
- VIDEO CAMERA

SIGN LEGEND

PROJECT
LAYOUT
SHEET 11

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD DRAWN BY: SJL
DESIGNED BY: CDL CHECKED BY: EPD
PLOT FILE: 07d028.25.i SHEET 25 OF 61

NOT TO SCALE

203.16 SOLID ROCK EXCAVATION
STA. 66+37 - STA. 66+53 LT
STA. 66+40 - STA. 66+54 RT
STA. 66+94 - STA. 67+08 RT
STA. 66+99 - STA. 67+12 LT

604.412, 604.415, 604.418 REHAB. DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III

STA. 66+94 RT "TYPE D GRATE"

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

STA. 65+80 LT (EMH) STA. 67+06 LT (EMH)
STA. 67+00 RT (TEL.)

604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 66+73 RT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 66+38 - STA. 66+53 LT
STA. 66+40 - STA. 66+54 RT
STA. 66+94 - STA. 67+08 RT

616.41 REMOVAL OF EXISTING CURB
STA. 66+38 - STA. 66+53 LT
STA. 66+40 - STA. 66+54 RT
STA. 66+94 - STA. 67+08 RT

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 66+37 - STA. 66+53 LT
STA. 66+40 - STA. 66+54 RT
STA. 66+94 - STA. 67+08 RT
STA. 66+99 - STA. 67+12 LT

618.30 DETECTABLE WARNING SURFACE
STA. 66+44 RT STA. 66+98 RT
STA. 66+45 LT STA. 67+02 LT
STA. 66+50 LT STA. 67+04 RT
STA. 66+51 RT STA. 67+08 LT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 66+29 LT (WSV) STA. 66+82 RT (GSV)
STA. 66+32 LT (WSV) STA. 66+82 RT (GSV)
STA. 66+54 LT (GSV) STA. 66+90 LT (WSV)
STA. 66+60 RT (GSV) STA. 67+09 LT (WSV)
STA. 66+80 RT (GSV) STA. 67+16 RT (GSV)

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA
STA. 66+35 RT
STA. 66+53 - STA. 66+76 LT
STA. 66+83 - STA. 66+94 RT
STA. 67+15 LT & RT

646.682 TEMPORARY 24" STOP BAR, PAINT
STA. 66+35 RT
STA. 66+53 - STA. 66+76 LT
STA. 66+83 - STA. 66+94 RT
STA. 67+15 LT & RT

646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 65+25 - STA. 66+40 (DASHED LT)
STA. 65+25 - STA. 66+35 (SOLID RT)
STA. 66+65 LT
STA. 66+82 RT
STA. 67+15 - STA. 67+90 (SOLID LT)
STA. 67+15 - STA. 67+90 (SOLID RT)
STA. 67+90 - STA. 68+50 (DOTTED LT)
STA. 67+90 - STA. 68+50 (DOTTED RT)
STA. 68+40 - STA. 71+25 LT (PARKING STALLS)
STA. 68+48 - STA. 71+25 RT (PARKING STALLS)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 65+25 - STA. 66+36 SOLID LT & RT
STA. 66+76 LT (CENTERLINE PEARL ST.)
STA. 66+70 RT (CENTERLINE PEARL ST.)

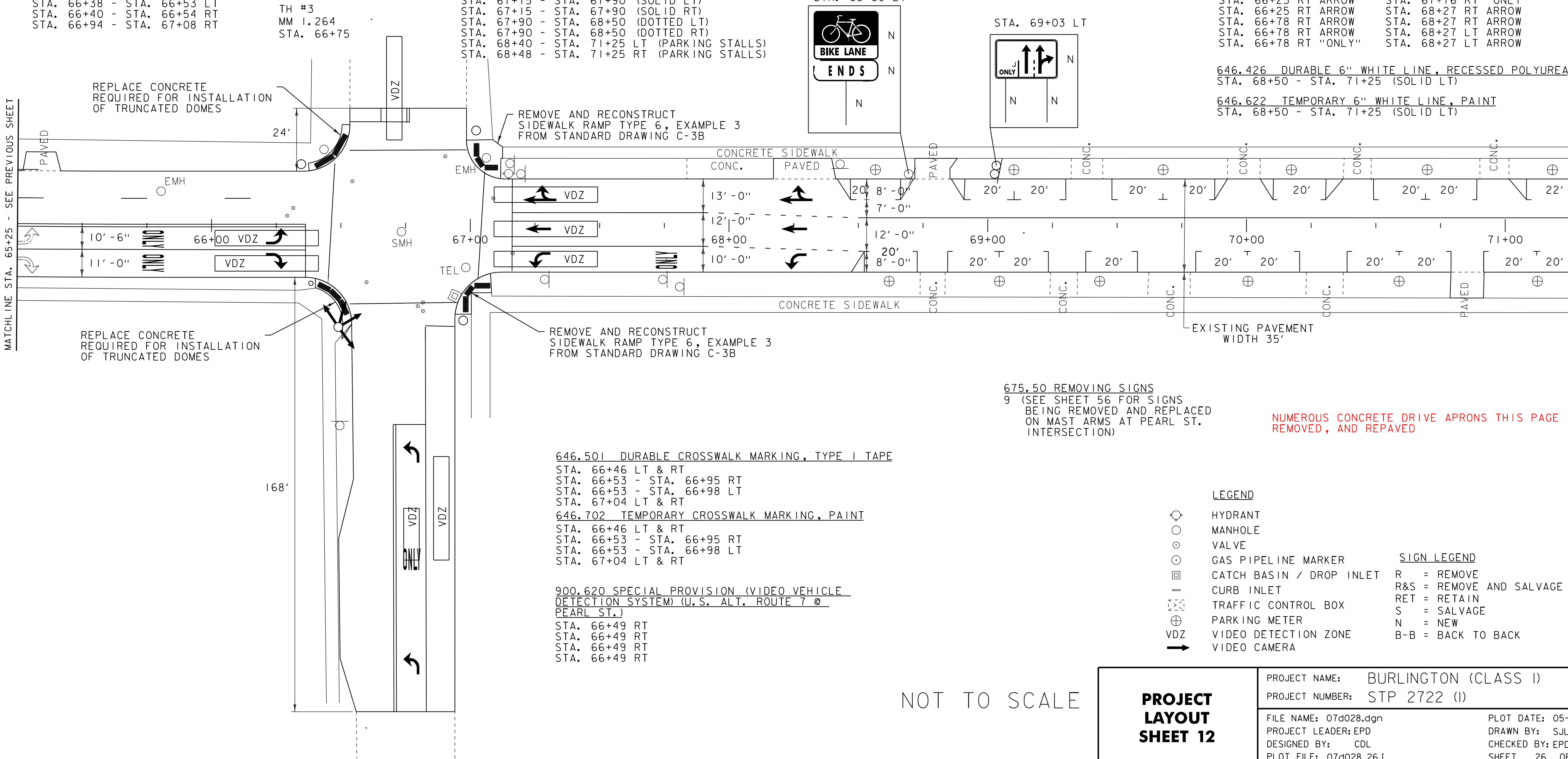
646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 65+25 - STA. 66+36 SOLID LT & RT
STA. 66+76 LT (CENTERLINE PEARL ST.)
STA. 66+70 RT (CENTERLINE PEARL ST.)

646.691 TEMPORARY LETTER OR SYMBOL, TYPE I TAPE
STA. 65+28 RT ARROW STA. 67+27 RT ARROW
STA. 65+28 RT ARROW STA. 67+27 RT ARROW
STA. 65+77 RT "ONLY" STA. 67+27 LT ARROW
STA. 65+77 RT "ONLY" STA. 67+27 LT ARROW
STA. 66+25 RT ARROW STA. 67+76 RT "ONLY"
STA. 66+25 RT ARROW STA. 68+27 RT ARROW
STA. 66+78 RT ARROW STA. 68+27 RT ARROW
STA. 66+78 RT ARROW STA. 68+27 LT ARROW
STA. 66+78 RT "ONLY" STA. 68+27 LT ARROW

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 65+28 RT ARROW STA. 67+27 RT ARROW
STA. 65+28 RT ARROW STA. 67+27 RT ARROW
STA. 65+77 RT "ONLY" STA. 67+27 LT ARROW
STA. 65+77 RT "ONLY" STA. 67+27 LT ARROW
STA. 66+25 RT ARROW STA. 67+76 RT "ONLY"
STA. 66+25 RT ARROW STA. 68+27 RT ARROW
STA. 66+78 RT ARROW STA. 68+27 RT ARROW
STA. 66+78 RT ARROW STA. 68+27 LT ARROW
STA. 66+78 RT "ONLY" STA. 68+27 LT ARROW

646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA
STA. 68+50 - STA. 71+25 (SOLID LT)

646.622 TEMPORARY 6" WHITE LINE, PAINT
STA. 68+50 - STA. 71+25 (SOLID LT)



646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 65+25 - STA. 66+40 (DASHED LT)
STA. 65+25 - STA. 66+35 (SOLID RT)
STA. 66+65 LT
STA. 66+82 RT
STA. 67+15 - STA. 67+90 (SOLID LT)
STA. 67+15 - STA. 67+90 (SOLID RT)
STA. 67+90 - STA. 68+50 (DOTTED LT)
STA. 67+90 - STA. 68+50 (DOTTED RT)
STA. 68+40 - STA. 71+25 LT (PARKING STALLS)
STA. 68+48 - STA. 71+25 RT (PARKING STALLS)

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 66+46 LT & RT
STA. 66+53 - STA. 66+95 RT
STA. 66+53 - STA. 66+98 LT
STA. 67+04 LT & RT
646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 66+46 LT & RT
STA. 66+53 - STA. 66+95 RT
STA. 66+53 - STA. 66+98 LT
STA. 67+04 LT & RT

900.620 SPECIAL PROVISION (VIDEO VEHICLE
DETECTION SYSTEM) (U.S. ALT. ROUTE 7 @
PEARL ST.)
STA. 66+49 RT
STA. 66+49 RT
STA. 66+49 RT
STA. 66+49 RT

LEGEND	
	HYDRANT
	MANHOLE
	VALVE
	GAS PIPELINE MARKER
	CATCH BASIN / DROP INLET
	CURB INLET
	TRAFFIC CONTROL BOX
	PARKING METER
	VIDEO DETECTION ZONE
	VIDEO CAMERA
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:	BURLINGTON (CLASS I)
PROJECT NUMBER:	STP 2722 (I)
FILE NAME:	07d028.dgn
PROJECT LEADER:	EPD
DESIGNED BY:	CDL
PLOT FILE:	07d028.26.i
PLOT DATE:	05-JUN-2014 11:20
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	26 OF 61

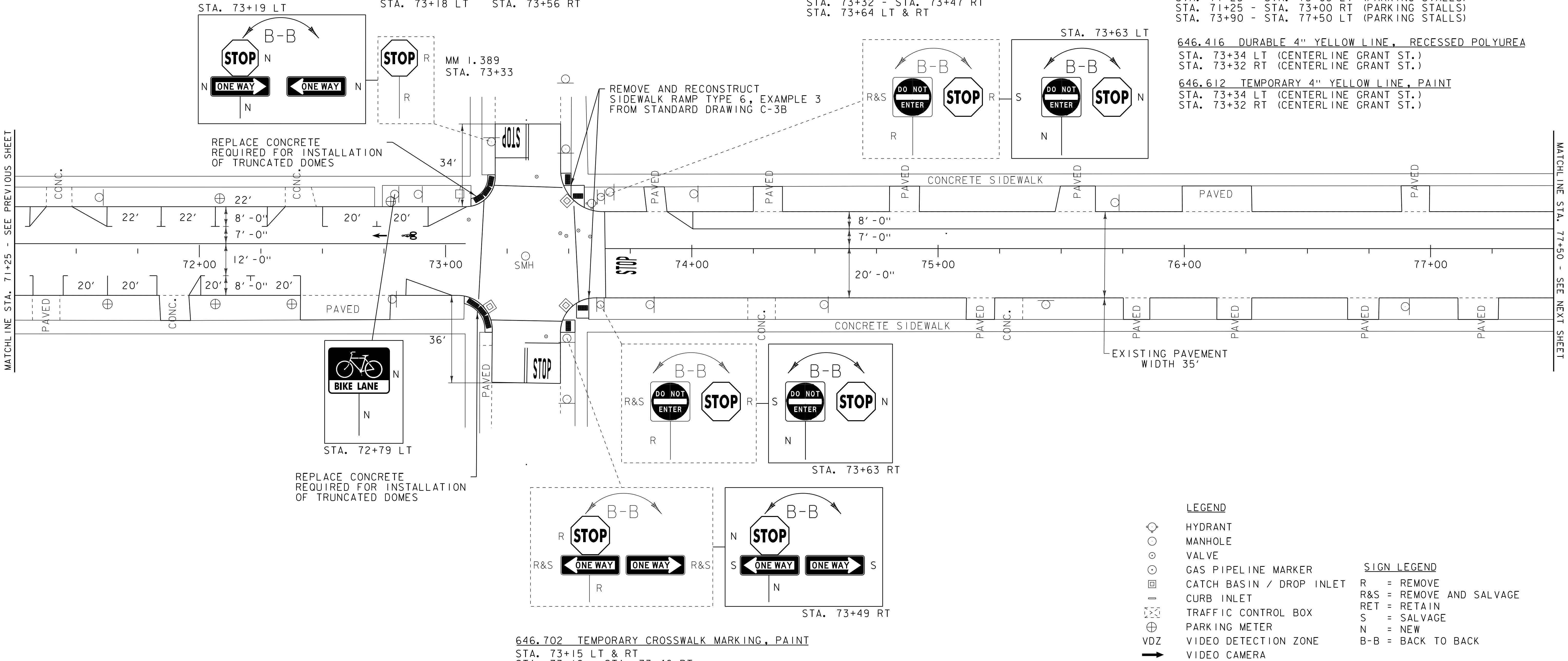
203.16 SOLID ROCK EXCAVATION
STA. 73+08 - STA. 73+19 RT
STA. 73+10 - STA. 73+20 LT
STA. 73+47 - STA. 73+51 LT
STA. 73+47 - STA. 73+53 RT
STA. 73+51 - STA. 73+56 LT
STA. 73+53 - STA. 73+58 RT
604.412, 604.415, 604.418 REHAB. DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 73+18 RT "TYPE D GRATE"
STA. 73+49 RT "TYPE D GRATE"
STA. 73+49 LT "TYPE D GRATE"
604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 73+32 RT
629.20 ADJUST ELEVATION OF VALVE BOX
STA. 73+09 LT (WSV) STA. 73+47 LT (WSV)
STA. 73+37 LT (WSV) STA. 73+54 LT (WSV)
STA. 73+41 RT (WSV) STA. 73+59 LT (WSV)

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 73+46 - STA. 73+48 RT
STA. 73+47 - STA. 73+48 LT
STA. 73+51 - STA. 73+56 LT
STA. 73+53 - STA. 73+58 RT
616.41 REMOVAL OF EXISTING CURB
STA. 73+46 - STA. 73+48 RT
STA. 73+47 - STA. 73+48 LT
STA. 73+51 - STA. 73+56 LT
STA. 73+53 - STA. 73+58 RT
618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 73+08 - STA. 73+19 RT
STA. 73+10 - STA. 73+20 LT
STA. 73+47 - STA. 73+51 LT
STA. 73+47 - STA. 73+53 RT
STA. 73+51 - STA. 73+56 LT
STA. 73+53 - STA. 73+58 RT
618.30 DETECTABLE WARNING SURFACE
STA. 73+12 RT STA. 73+50 LT
STA. 73+14 LT STA. 73+50 RT
STA. 73+17 RT STA. 73+54 LT
STA. 73+18 LT STA. 73+56 RT

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA
STA. 73+20 - STA. 73+34 LT
STA. 73+32 - STA. 73+47 RT
STA. 73+64 LT & RT
646.682 TEMPORARY 24" STOP BAR, PAINT
STA. 73+20 - STA. 73+34 LT
STA. 73+32 - STA. 73+47 RT
STA. 73+64 LT & RT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 72+73 LT ARROW STA. 73+39 RT "STOP"
STA. 72+85 LT BIKE STA. 73+73 RT "STOP"
STA. 73+26 LT "STOP"
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 72+73 LT ARROW STA. 73+39 RT "STOP"
STA. 72+85 LT BIKE STA. 73+73 RT "STOP"
STA. 73+26 LT "STOP"
646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA
STA. 71+25 - STA. 73+08 (SOLID LT)
STA. 73+64 - STA. 77+50 (SOLID LT)
646.622 TEMPORARY 6" WHITE LINE, PAINT
STA. 71+25 - STA. 73+08 (SOLID LT)
STA. 73+64 - STA. 77+50 (SOLID LT)
646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 71+25 - STA. 73+08 LT (PARKING STALLS)
STA. 71+25 - STA. 73+00 RT (PARKING STALLS)
STA. 73+90 - STA. 77+50 LT (PARKING STALLS)
646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 71+25 - STA. 73+08 LT (PARKING STALLS)
STA. 71+25 - STA. 73+00 RT (PARKING STALLS)
STA. 73+90 - STA. 77+50 LT (PARKING STALLS)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 73+34 LT (CENTERLINE GRANT ST.)
STA. 73+32 RT (CENTERLINE GRANT ST.)
646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 73+34 LT (CENTERLINE GRANT ST.)
STA. 73+32 RT (CENTERLINE GRANT ST.)



646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE
STA. 73+15 LT & RT
STA. 73+18 - STA. 73+46 RT
STA. 73+20 - STA. 73+47 LT
STA. 73+53 LT & RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 73+15 LT & RT
STA. 73+18 - STA. 73+46 RT
STA. 73+20 - STA. 73+47 LT
STA. 73+53 LT & RT
675.50 REMOVING SIGNS
AS SHOWN - 8
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4

NOT TO SCALE

PROJECT
LAYOUT
SHEET 13

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD DRAWN BY: SJL
DESIGNED BY: CDL CHECKED BY: EPD
PLOT FILE: 07d028.27.i SHEET 27 OF 61

604.40 CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES
STA. 82+64 LT (TEL.)

604.412, 604.415, 604.418 REHAB. DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 82+38 RT "TYPE D GRATE"
STA. 82+39 LT "TYPE D GRATE"
STA. 82+74 RT "TYPE D GRATE"

604.42 CHANGING ELEVATION
OF SEWER MANHOLES
STA. 82+09 RT STA. 82+48 LT

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 78+23 LT (WSV) STA. 82+48 LT (GSV)
STA. 78+60 RT (WSV) STA. 82+49 LT (GSV)
STA. 79+85 LT (WSV) STA. 82+50 LT (GSV)
STA. 80+43 RT (GSV) STA. 82+51 LT (GSV)
STA. 81+01 RT (WSV) STA. 82+75 LT (WSV)
STA. 82+23 LT (WSV) STA. 82+91 LT (WSV)
STA. 82+44 LT (WSV)

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA
STA. 82+37 - STA. 82+54 LT
STA. 82+53 - STA. 82+74 RT
STA. 82+86 LT & RT

646.682 TEMPORARY 24" STOP BAR, PAINT
STA. 82+37 - STA. 82+54 LT
STA. 82+53 - STA. 82+74 RT
STA. 82+86 LT & RT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE
STA. 81+95 LT ARROW STA. 82+07 LT BIKE

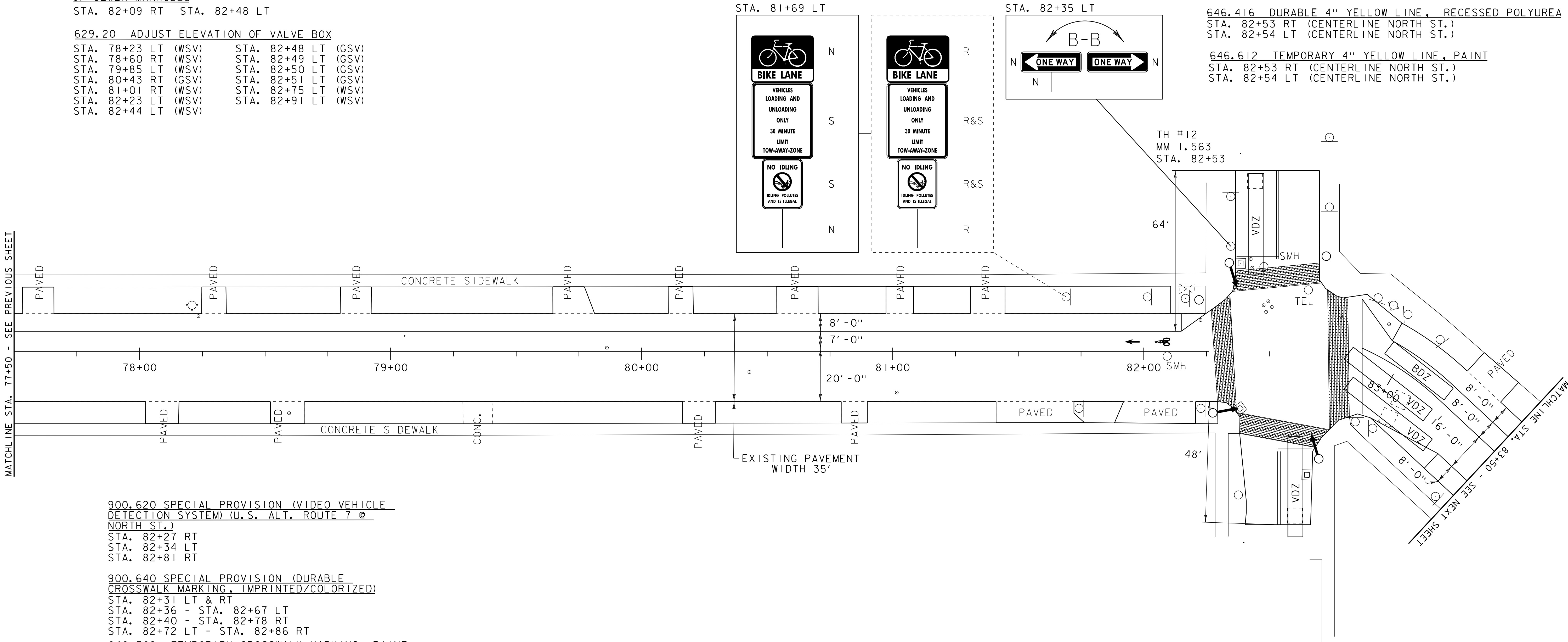
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 81+95 LT ARROW STA. 82+07 LT BIKE

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA
STA. 77+50 - STA. 82+26 (SOLID LT)
STA. 82+80 - STA. 83+50 (SOLID LT)
STA. 83+01 - STA. 83+50 (SOLID RT)
646.602 TEMPORARY 4" WHITE LINE, PAINT
STA. 77+50 - STA. 82+26 (SOLID LT)
STA. 82+80 - STA. 83+50 (SOLID LT)
STA. 83+01 - STA. 83+50 (SOLID RT)
646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA
STA. 77+50 - STA. 82+26 (SOLID LT)
STA. 82+80 - STA. 83+50 (SOLID LT)

646.622 TEMPORARY 6" WHITE LINE, PAINT
STA. 77+50 - STA. 82+26 (SOLID LT)
STA. 82+80 - STA. 83+50 (SOLID LT)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 82+53 RT (CENTERLINE NORTH ST.)
STA. 82+54 LT (CENTERLINE NORTH ST.)

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 82+53 RT (CENTERLINE NORTH ST.)
STA. 82+54 LT (CENTERLINE NORTH ST.)



900.620 SPECIAL PROVISION (VIDEO VEHICLE
DETECTION SYSTEM) (U.S. ALT. ROUTE 7 @
NORTH ST.)
STA. 82+27 RT
STA. 82+34 LT
STA. 82+81 RT

900.640 SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, IMPRINTED/COLORIZED)
STA. 82+31 LT & RT
STA. 82+36 - STA. 82+67 LT
STA. 82+40 - STA. 82+78 RT
STA. 82+72 LT - STA. 82+86 RT
646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 82+31 LT & RT
STA. 82+36 - STA. 82+67 LT
STA. 82+40 - STA. 82+78 RT
STA. 82+72 LT - STA. 82+86 RT

675.50 REMOVING SIGNS
AS SHOWN - 3
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2

LEGEND	
	HYDRANT
	MANHOLE
	VALVE
	GAS PIPELINE MARKER
	CATCH BASIN / DROP INLET
	CURB INLET
	TRAFFIC CONTROL BOX
	PARKING METER
	VIDEO DETECTION ZONE
	VIDEO DETECTION ZONE (BIKE LANE)
	VIDEO CAMERA

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: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:20
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: 07d028.28.i	SHEET 28 OF 61

203.16 SOLID ROCK EXCAVATION
STA. 86+30 - STA. 86+42 LT
STA. 86+68 - STA. 86+81 LT

604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III

STA. 86+25 LT "TYPE D GRATE"
STA. 86+44 RT "TYPE D GRATE"

604.42 CHANGING ELEVATION
OF SEWER MANHOLES

STA. 84+50 RT STA. 86+58 LT

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 86+30 - STA. 86+42 LT
STA. 86+68 - STA. 86+81 LT

618.30 DETECTABLE WARNING SURFACE

STA. 86+39 LT
STA. 86+74 LT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 86+49 LT (WSV)
STA. 86+52 LT (WSV)

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 86+42 - STA. 86+56 LT

646.682 TEMPORARY 24" STOP BAR, PAINT

STA. 86+42 - STA. 86+56 LT

646.491 DURABLE LETTER OR SYMBOL, TYPE I TAPE

STA. 85+78 LT ARROW STA. 86+49 LT "STOP"
STA. 85+90 LT BIKE

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 85+78 LT ARROW STA. 86+49 LT "STOP"
STA. 85+90 LT BIKE

646.501 DURABLE CROSSWALK MARKING, TYPE I TAPE

STA. 86+41 - STA. 86+70 LT

646.702 TEMPORARY CROSSWALK MARKING, PAINT

STA. 86+41 - STA. 86+70 LT

646.406 DURABLE 4" WHITE LINE, RECESSED POLYUREA

STA. 83+50 - STA. 86+15 (SOLID LT)
STA. 83+50 - STA. 88+25 (SOLID RT)
STA. 86+85 - STA. 88+25 (SOLID LT)

646.602 TEMPORARY 4" WHITE LINE, PAINT

STA. 83+50 - STA. 86+15 (SOLID LT)
STA. 83+50 - STA. 88+25 (SOLID RT)
STA. 86+85 - STA. 88+25 (SOLID LT)

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

STA. 86+56 LT (CENTERLINE CROMBIE ST.)

646.612 TEMPORARY 4" YELLOW LINE, PAINT

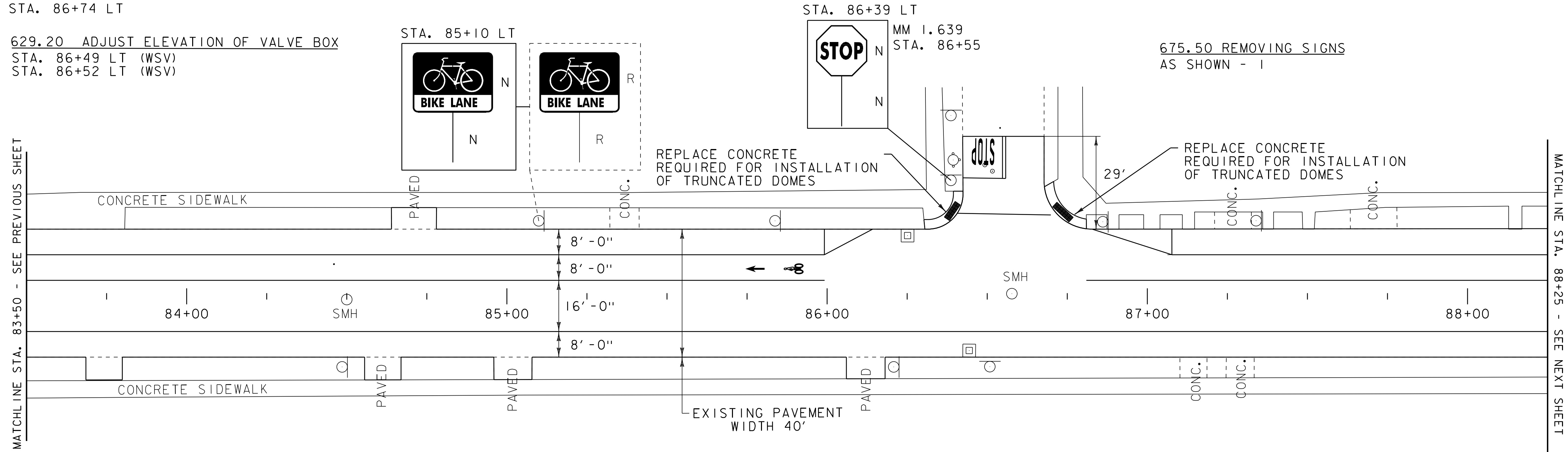
STA. 86+56 LT (CENTERLINE CROMBIE ST.)

646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA

STA. 83+50 - STA. 86+00 (SOLID LT)
STA. 86+80 - STA. 88+25 (SOLID LT)

646.622 TEMPORARY 6" WHITE LINE, PAINT

STA. 83+50 - STA. 86+00 (SOLID LT)
STA. 86+80 - STA. 88+25 (SOLID LT)



LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VDZ
- VIDEO CAMERA

SIGN LEGEND

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

PROJECT
LAYOUT
SHEET 15

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: EPD
DESIGNED BY: CDL
PLOT FILE: 07d028.29.i

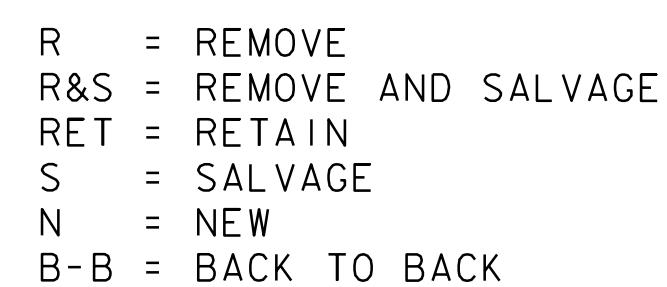
PLOT DATE: 05-JUN-2014 11:20
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 29 OF 61

NOT TO SCALE

STA. 89+37 LT

STA.	89+19	-	STA.	89+27	RT
STA.	89+29	-	STA.	89+39	LT
STA.	89+50	-	STA.	89+58	RT
STA.	89+66	-	STA.	89+77	LT
STA.	89+77	-	STA.	89+87	RT
STA.	92+05	-	STA.	92+13	RT
STA.	92+07	-	STA.	92+12	LT

STA. 89+25 RT - STA. 89+34 LT
STA. 89+29 - STA. 89+52 RT
STA. 89+39 - STA. 89+68 LT
STA. 89+76 LT - STA. 89+81 RT



FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:2
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: 07d028_30.i	SHEET 30 OF 61

NOT TO SCALE

604.412, 604.415, 604.418 REHAB, DROP
INLETS, CATCH BASINS, OR MANHOLES, CLASS I,
CLASS II OR CLASS III
STA. 95+77 LT "TYPE D GRATE"
STA. 97+63 RT "TYPE D GRATE"
STA. 98+39 RT "TYPE D GRATE"
STA. 100+23 LT "TYPE D GRATE"

604.40 CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, AND MANHOLES

STA. 98+75 LT (EMH)

604.42 CHANGING ELEVATION

OF SEWER MANHOLES

STA. 97+61 LT
STA. 100+24 LT

629.20 ADJUST ELEVATION OF VALVE BOX

STA. 96+99 LT (WSV) STA. 97+86 LT (WSV)
STA. 97+09 LT (WSV) STA. 97+95 LT (WSV)
STA. 97+12 LT (WSV) STA. 98+15 RT (WSV)
STA. 98+88 LT (WSV)

203.16 SOLID ROCK EXCAVATION

STA. 96+85 - STA. 96+91 LT
STA. 96+92 - STA. 96+95 LT
STA. 97+49 - STA. 97+72 RT
STA. 97+52 - STA. 97+76 LT
STA. 98+16 - STA. 98+28 RT

618.10 PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH

STA. 96+85 - STA. 96+91 LT
STA. 96+92 - STA. 96+95 LT
STA. 97+49 - STA. 97+72 RT
STA. 97+52 - STA. 97+76 LT
STA. 98+16 - STA. 98+28 RT

618.30 DETECTABLE WARNING SURFACE

STA. 96+88 LT STA. 97+65 RT
STA. 96+93 LT STA. 97+69 LT
STA. 97+55 RT STA. 98+18 RT
STA. 97+58 LT STA. 98+20 RT

616.28 CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 96+87 - STA. 96+91 LT
STA. 96+95 - STA. 96+96 LT
STA. 98+16 - STA. 98+21 RT

616.41 REMOVAL OF EXISTING CURB

STA. 96+87 - STA. 96+91 LT
STA. 96+95 - STA. 96+96 LT
STA. 98+16 - STA. 98+21 RT

646.486 DURABLE 24" STOP BAR, RECESSED POLYUREA

STA. 97+08 RT
STA. 98+08 - STA. 98+18 RT
STA. 98+09 LT

646.682 TEMPORARY 24" STOP BAR, PAINT

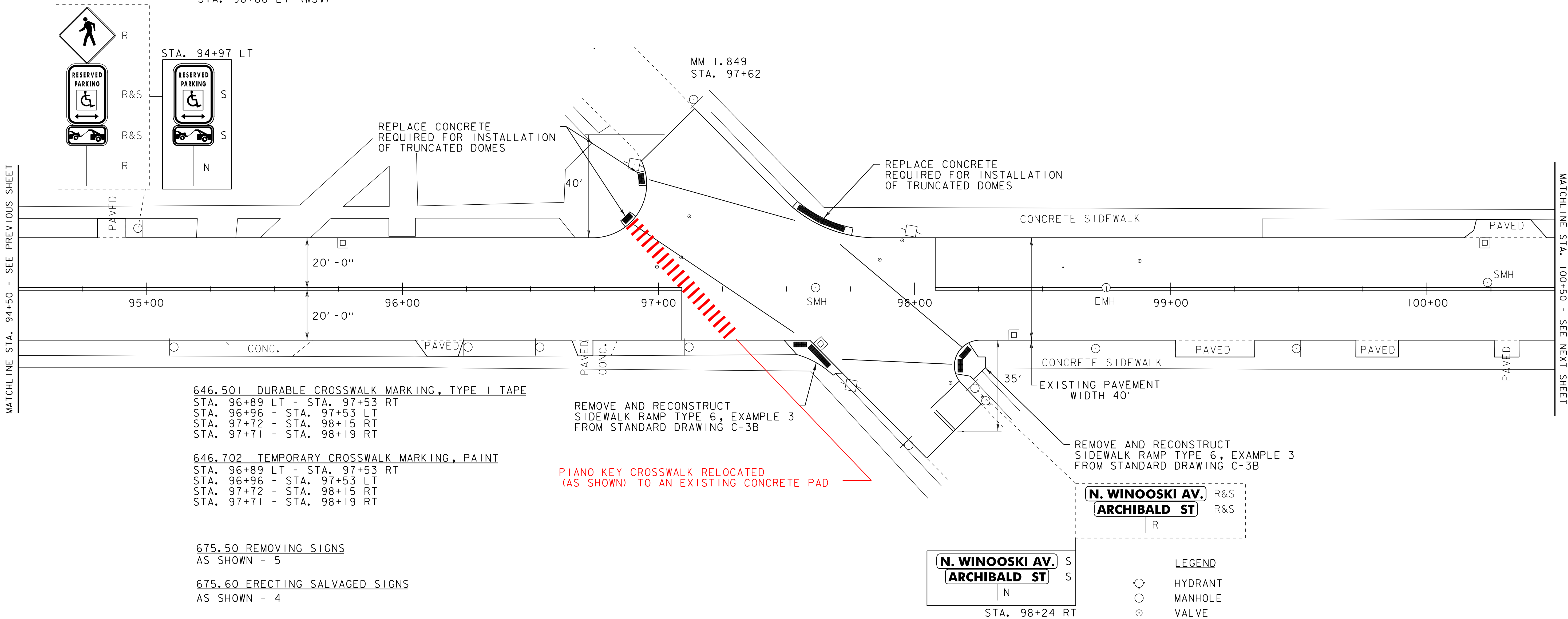
STA. 97+08 RT
STA. 98+08 - STA. 98+18 RT
STA. 98+09 LT

646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA

STA. 94+50 - STA. 97+08 SOLID LT & RT
STA. 98+08 RT (CENTERLINE ARCHIBALD ST.)
STA. 98+09 - STA. 100+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT

STA. 94+50 - STA. 97+08 SOLID LT & RT
STA. 98+08 RT (CENTERLINE ARCHIBALD ST.)
STA. 98+09 - STA. 100+50 SOLID LT & RT



PROJECT
LAYOUT
SHEET 17

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: EPD
DESIGNED BY: CDL
PLOT FILE: 07d028_31.i

PLOT DATE: 05-JUN-2014 11:21
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 31 OF 61

NOT TO SCALE

604.42 CHANGING ELEVATION
OF SEWER MANHOLES

STA. 101+72 RT
STA. 103+12 CL

629.20 ADJUST ELEVATION OF VALVE BOX
STA. 100+82 RT (WSV)

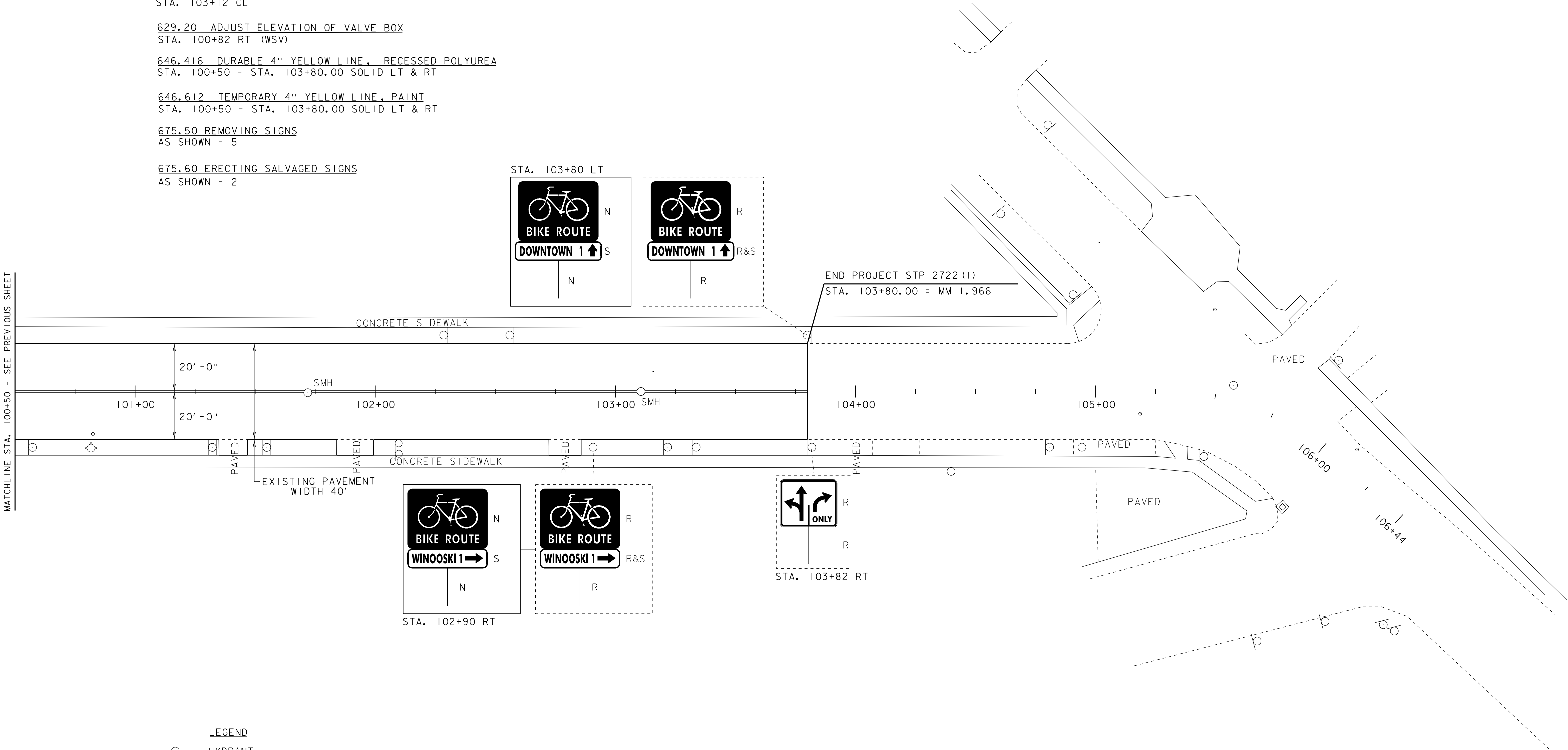
646.416 DURABLE 4" YELLOW LINE, RECESSED POLYUREA
STA. 100+50 - STA. 103+80.00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
STA. 100+50 - STA. 103+80.00 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2

MATCHLINE STA. 100+50 - SEE PREVIOUS SHEET



LEGEND

- HYDRANT
- MANHOLE
- VALVE
- GAS PIPELINE MARKER
- CATCH BASIN / DROP INLET
- CURB INLET
- TRAFFIC CONTROL BOX
- PARKING METER
- VDZ
- VIDEO DETECTION ZONE
- VIDEO CAMERA

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

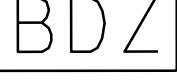
PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

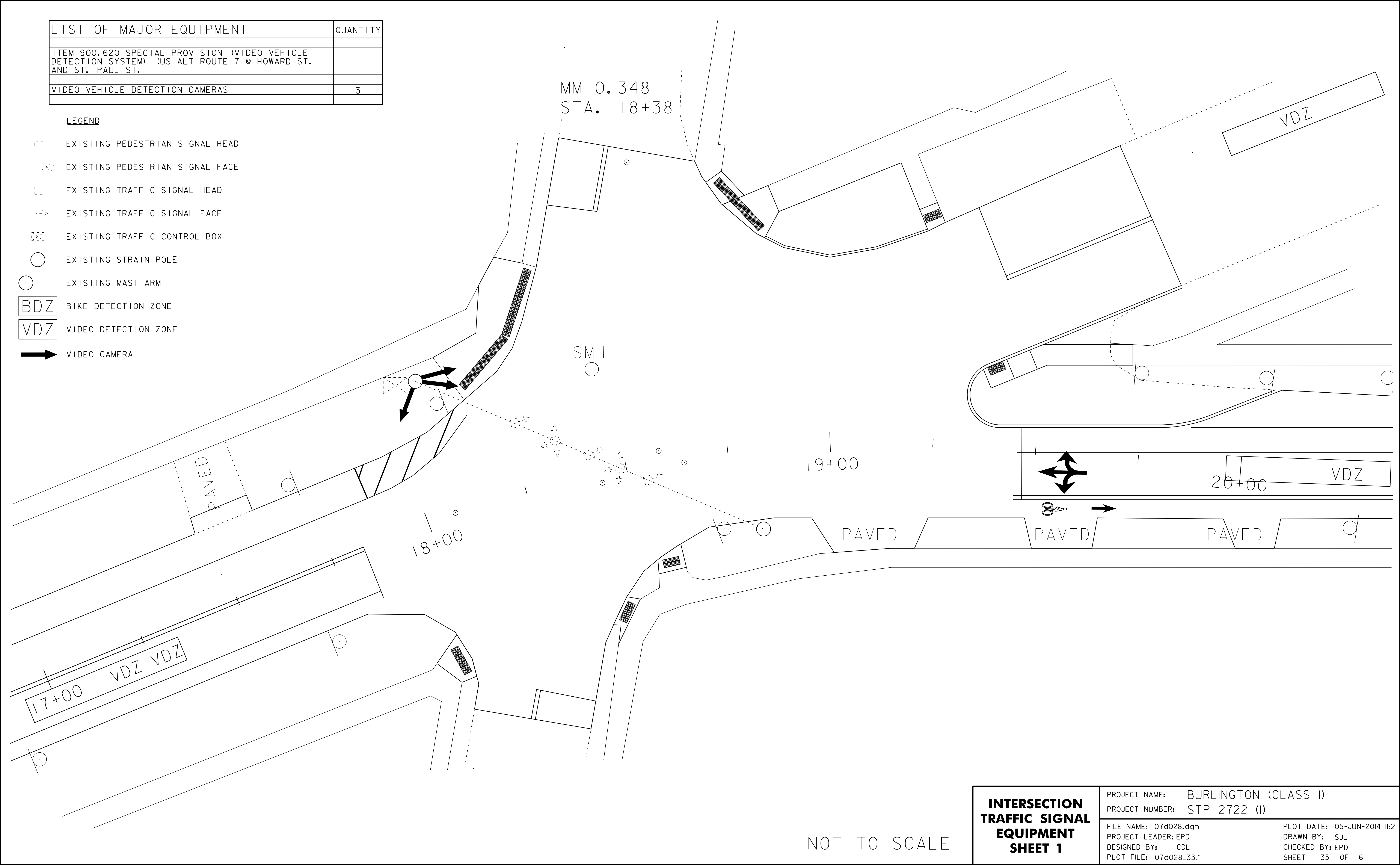
FILE NAME: 07d028.dgn
PROJECT LEADER: EPD
DESIGNED BY: CDL
PLOT FILE: 07d028_32.i

PLOT DATE: 05-JUN-2014 11:21
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 32 OF 61

LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US ALT ROUTE 7 @ HOWARD ST. AND ST. PAUL ST.	
VIDEO VEHICLE DETECTION CAMERAS	3

LEGEND

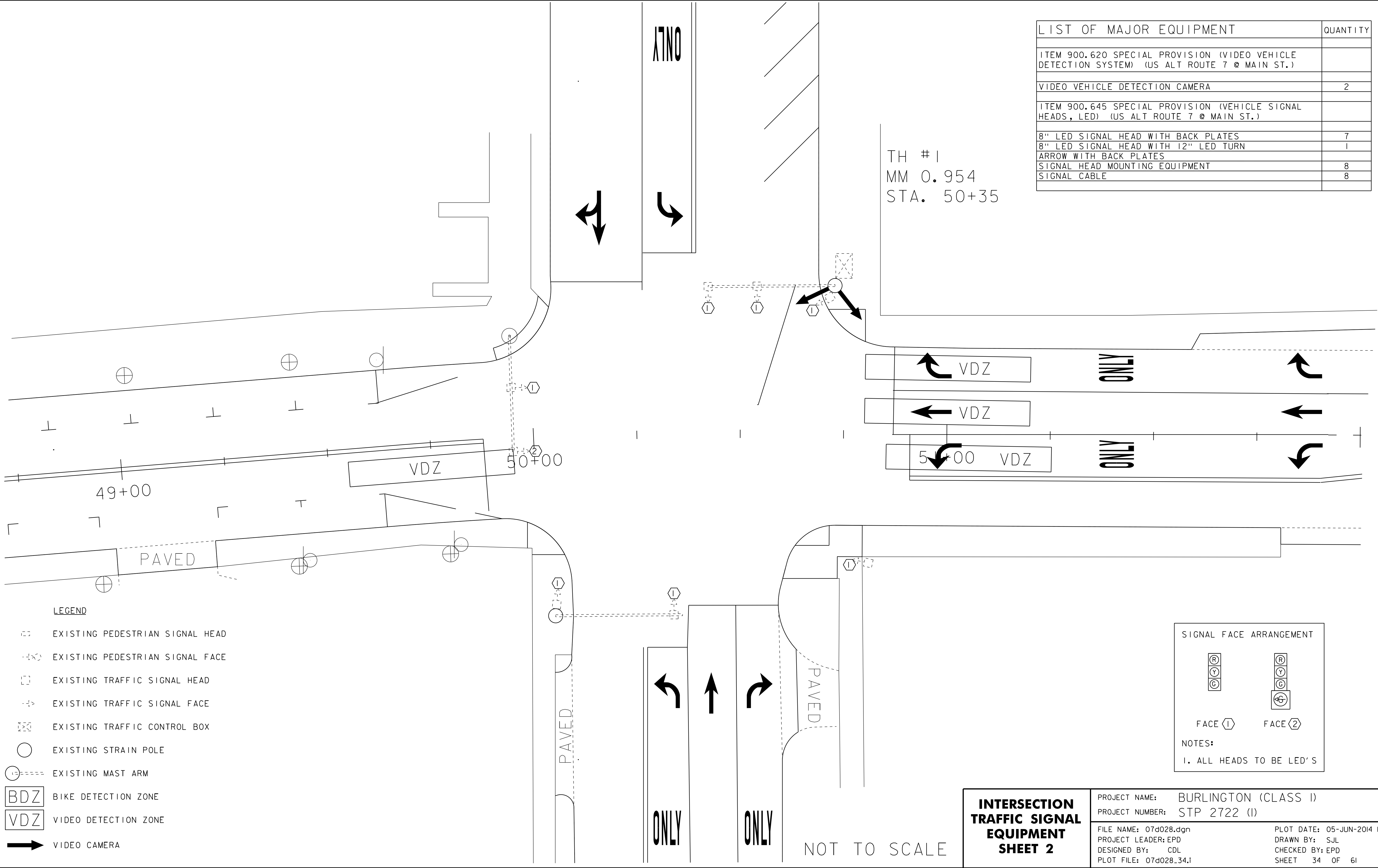
-  EXISTING PEDESTRIAN SIGNAL HEAD
-  EXISTING PEDESTRIAN SIGNAL FACE
-  EXISTING TRAFFIC SIGNAL HEAD
-  EXISTING TRAFFIC SIGNAL FACE
-  EXISTING TRAFFIC CONTROL BOX
-  EXISTING STRAIN POLE
-  EXISTING MAST ARM
-  BIKE DETECTION ZONE
-  VIDEO DETECTION ZONE
-  VIDEO CAMERA



NOT TO SCALE

INTERSECTION TRAFFIC SIGNAL EQUIPMENT SHEET 1	PROJECT NAME: BURLINGTON (CLASS I)	
	PROJECT NUMBER: STP 2722 (I)	
	FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:21
	PROJECT LEADER: EPD	DRAWN BY: SJL
	DESIGNED BY: CDL	CHECKED BY: EPD
	PLOT FILE: 07d028_33.i	SHEET 33 OF 61

LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US ALT ROUTE 7 @ MAIN ST.)	
VIDEO VEHICLE DETECTION CAMERA	2
ITEM 900.645 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (US ALT ROUTE 7 @ MAIN ST.)	
8" LED SIGNAL HEAD WITH BACK PLATES	7
8" LED SIGNAL HEAD WITH 12" LED TURN	1
ARROW WITH BACK PLATES	
SIGNAL HEAD MOUNTING EQUIPMENT	8
SIGNAL CABLE	8



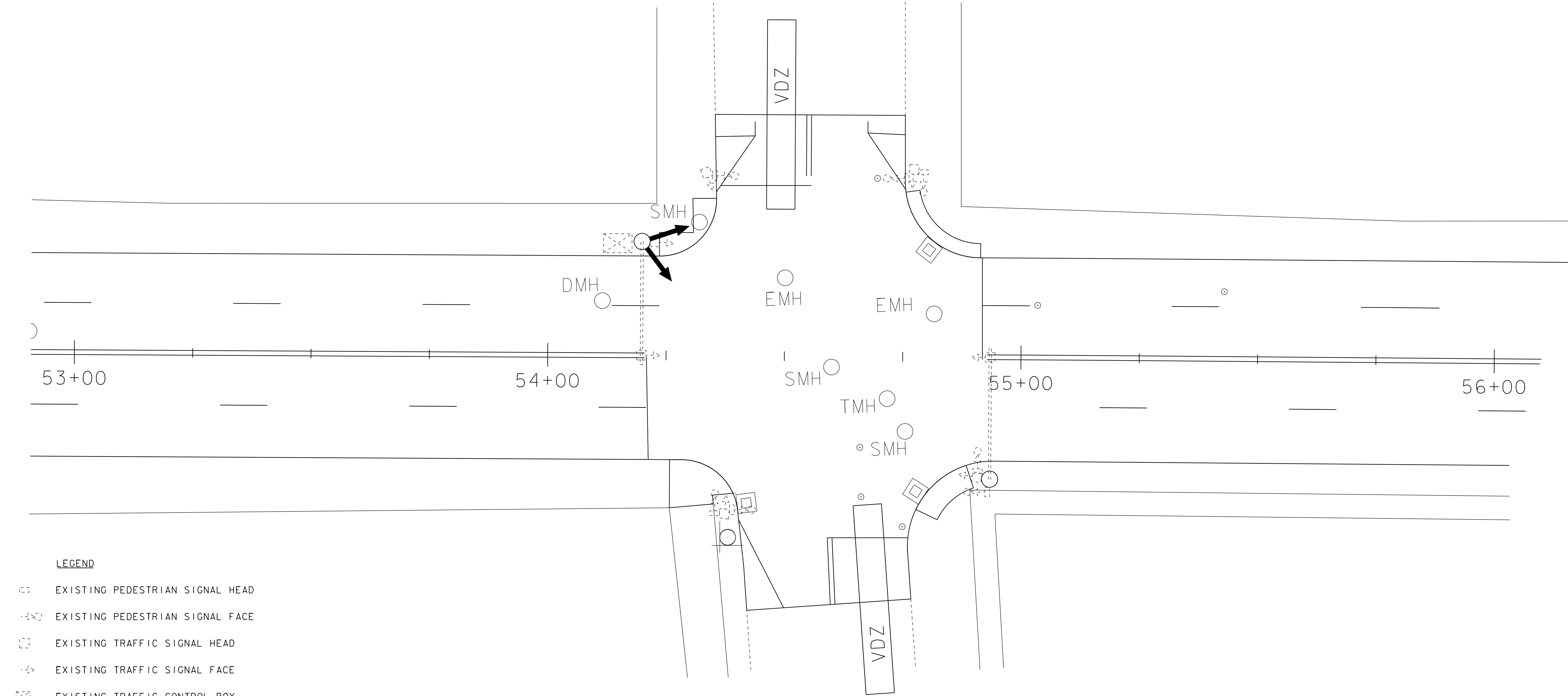
PROJECT NAME:	BURLINGTON (CLASS I)	FILE NAME:	07d028.dgn	PLOT DATE:	05-JUN-2014 11:21
PROJECT NUMBER:	STP 2722 (I)	PROJECT LEADER:	EPD	DRAWN BY:	SJL
		DESIGNED BY:	CDL	CHECKED BY:	EPD
		PLOT FILE:	07d028_34.i	SHEET	34 OF 61

**INTERSECTION
TRAFFIC SIGNAL
EQUIPMENT
SHEET 2**

NOT TO SCALE

LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US ALT ROUTE 7 @ COLLEGE ST.)	
VIDEO VEHICLE DETECTION CAMERAS	2

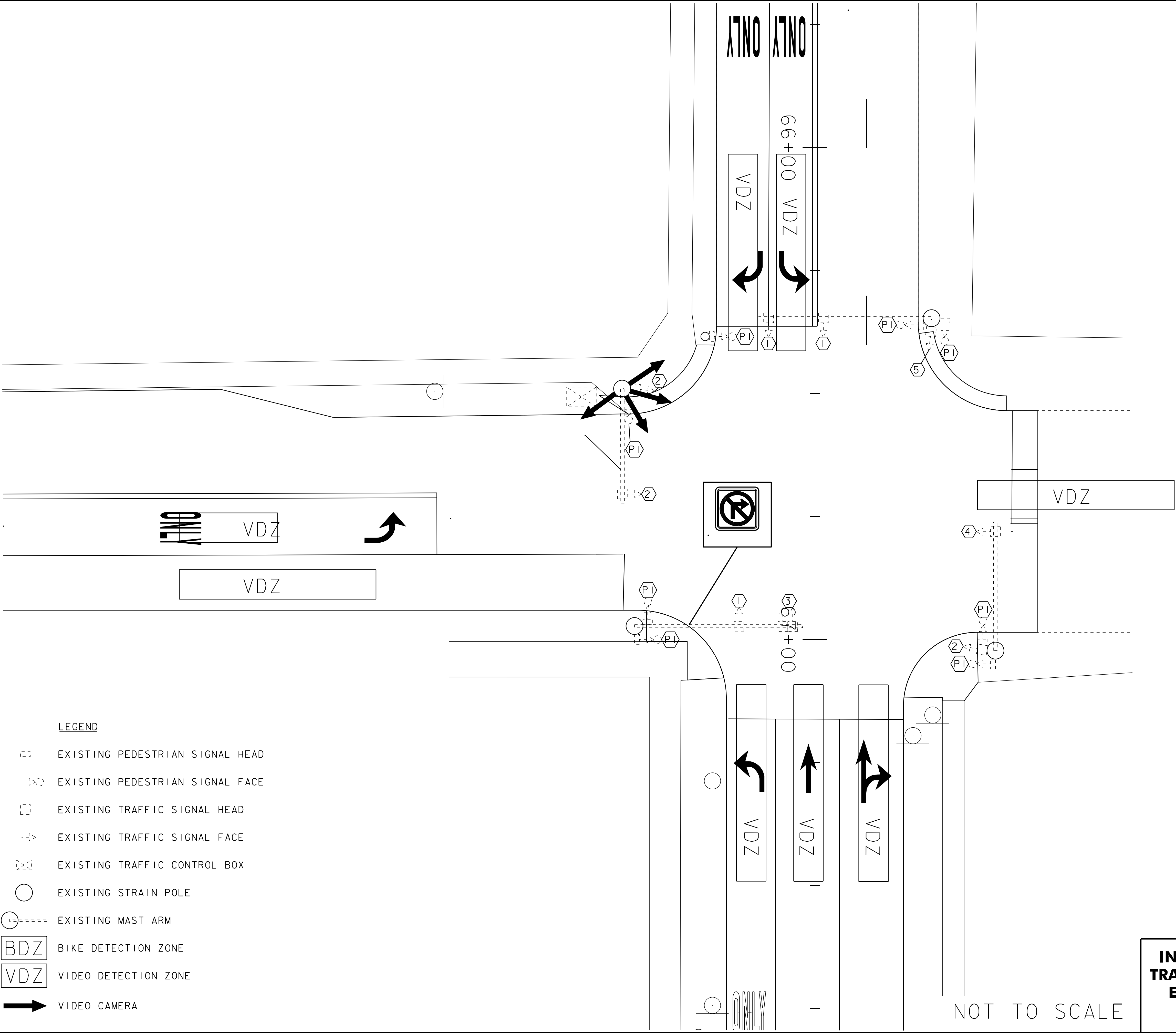
MM 1.034
STA. 54+57



- 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
 - BIKE DETECTION ZONE
 - VIDEO DETECTION ZONE
 - VIDEO CAMERA

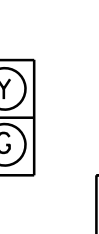
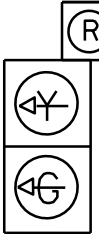
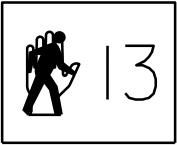
NOT TO SCALE

INTERSECTION TRAFFIC SIGNAL EQUIPMENT SHEET 3	
PROJECT NAME: BURLINGTON (CLASS I)	
PROJECT NUMBER: STP 2722 (I)	
FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:21
PROJECT LEADER: EPD	DRAWN BY: SJL
DESIGNED BY: CDL	CHECKED BY: EPD
PLOT FILE: 07d028_35.i	SHEET 35 OF 61



LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEAD, COUNTDOWN) (US ALT ROUTE 7 @ PEARL ST.)	
PEDESTRIAN SIGNAL HEADS, COUNTDOWN	8
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US ALT ROUTE 7 @ PEARL ST.)	
VIDEO VEHICLE DETECTION CAMERA	4
ITEM 900.645 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (US ALT ROUTE 7 @ PEARL ST.)	
8" LED SIGNAL HEADS	3
8" LED SIGNAL HEADS WITH BACK PLATES	3
8" LED SIGNAL HEADS WITH 12" LED TURN	2
ARROW WITH BACK PLATES	
8" LED SIGNAL HEADS WITH 2-12" LED TURN ARROWS	1
SIGNAL HEAD MOUNTING EQUIPMENT	9
SIGNAL CABLE	9
ELECTRONIC NO TURN ON RED SIGN	1

SIGNAL FACE ARRANGEMENT



PED. HEAD

FACE P1

FACE 1

FACE 2

FACE 3

FACE 4

FACE 5

NOTES:

- ALL HEADS TO BE LED'S.
- FACES 2 AND 4 SHALL HAVE BACKPLATES INSTALLED BEHIND LED'S.

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
- BIKE DETECTION ZONE
- VIDEO DETECTION ZONE
- VIDEO CAMERA

INTERSECTION
TRAFFIC SIGNAL
EQUIPMENT
SHEET 4

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

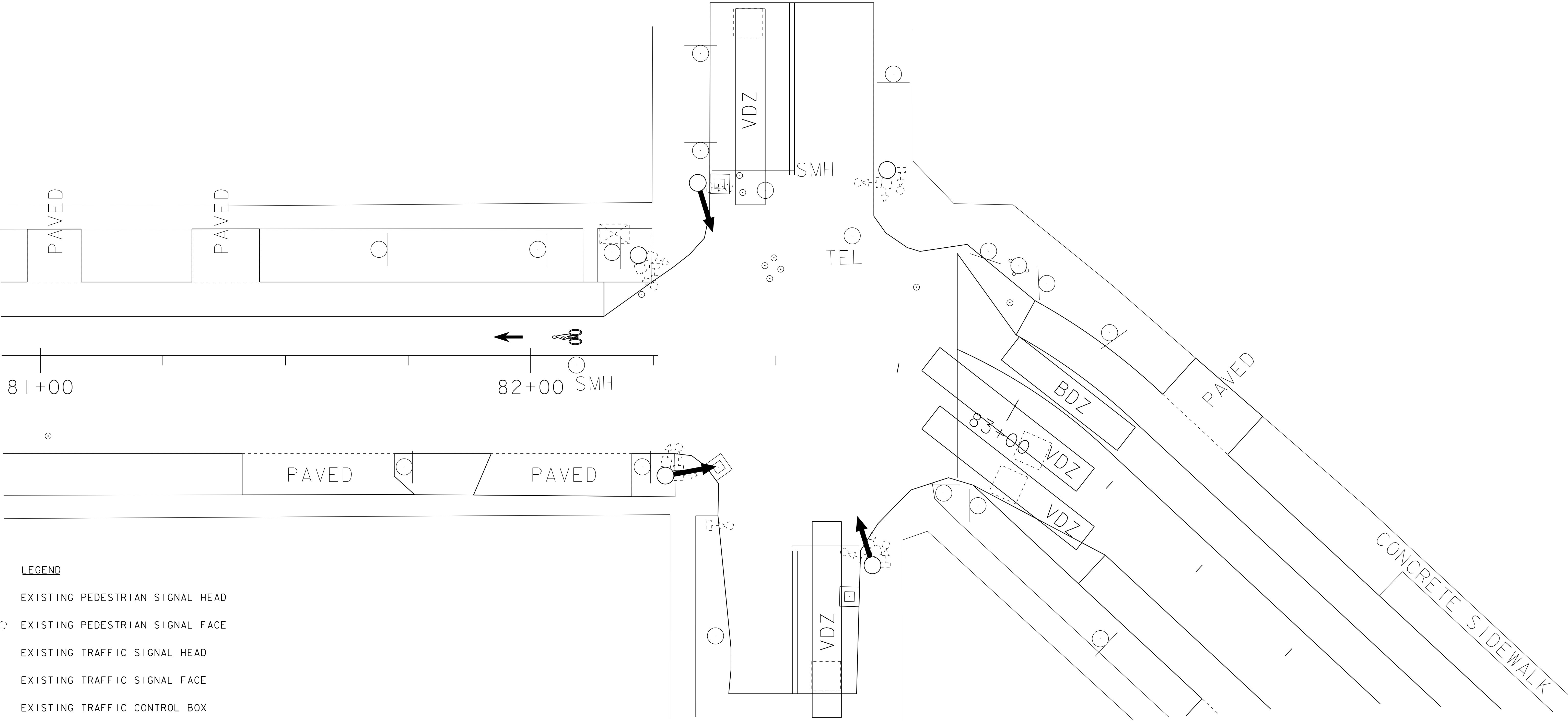
FILE NAME: 07d028.dgn
PROJECT LEADER: EPD
DESIGNED BY: CDL
PLOT FILE: 07d028_36.i

PLOT DATE: 05-JUN-2014 11:21
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 36 OF 61

NOT TO SCALE

LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (US ALT ROUTE 7 @ NORTH ST.)	
VIDEO VEHICLE DETECTION CAMERAS	2

TH #12
MM 1.563
STA. 82+53



- 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
 - BIKE DETECTION ZONE
 - VIDEO DETECTION ZONE
 - VIDEO CAMERA

**INTERSECTION
TRAFFIC SIGNAL
EQUIPMENT
SHEET 5**

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

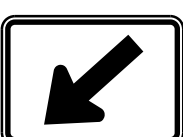
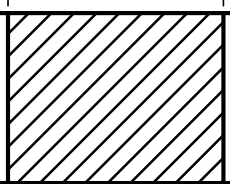
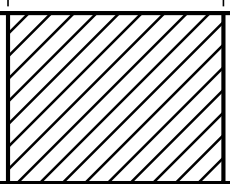
FILE NAME: 07d028.dgn
PROJECT LEADER: EPD
DESIGNED BY: CDL
PLOT FILE: 07d028_37.i

PLOT DATE: 05-JUN-2014 11:21
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 37 OF 61

TRAFFIC SIGN SUMMARY SHEET 1

[illegible]

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REQUIREMENTS	SIGN DETAIL							
												FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL										
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				1.2	2.0	3.0	2.16	2.42	3.35	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0		FTG. SIZE		WEIGHT	POST SIZE	REMARKS	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
																													lb/ft	lb/ft						
OPTION ITEMS																																				
STA. 9+44 RT		I	30	30	6.25						I			X																						
		I	24	12	2.00																												W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING		SHS	
STA. 9+51 LT		I	30	30	6.25						I			X																			W11-2 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING		SHS	
		I	24	12	2.00																												W16-7p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING		SHS	
STA. 14+54 LT	CATHERINE ST 	I	36 30	8 30	2.00 6.25									X																			R1-1		SHS	
STA. 15+70 RT		I	30	30	6.25						I			X																			SI-1 FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING		SHS	
18+15 LT	 HOWARD ST ST. PAUL ST	I	30 30 30	12 8 8	2.50 1.67 1.67																												W16-9p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING		SHS	
STA. 19+71 RT		I	30	24	5.00						I			X																			R3-17		SHS	
								I																									MOUNT BACK TO BACK			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 75	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB									
						SF	SF	EA.	SF			FT	FT					LB		EA.	LB					EA.	EA.									
						36.50 41.84		I				75																								
TRAFFIC SIGN SUMMARY SHEET 2																									PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I) FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_39.i				PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 39 OF 61							

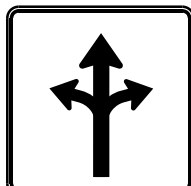
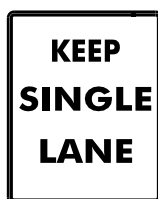
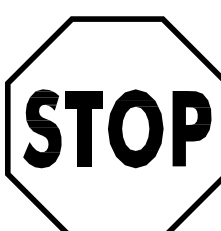
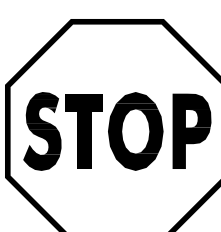
STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

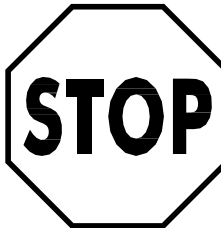
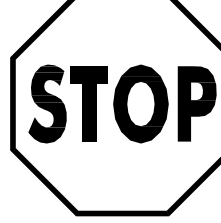
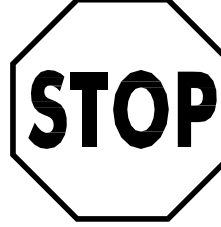
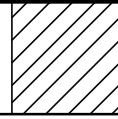
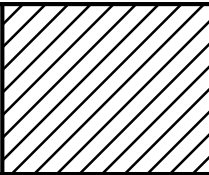
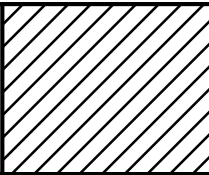
[illegible]

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

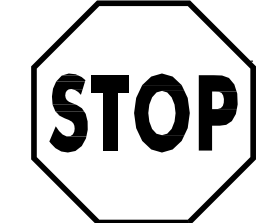
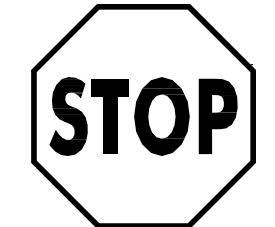
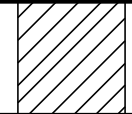
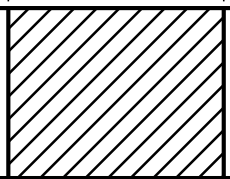
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			REQUIREMENTS	REMARKS		SIGN DETAIL									
					"A"	"B"	SALV SIGN	SALV TIS			1.2	2.0	3.0	2.16	2.42	3.35	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE				WEIGHT	POST SIZE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
		lb/ft		lb/ft																							lb/ft		lb/ft						24"	30"	EA.	EA.		
		EA	WIDTH (in)	HEIGHT (in)																							1.2		2.0	3.0									2.16	2.42
OPTION ITEMS																																								
STA. 20+91 LT		I	30	30	6.25						I			X															SEE PLAN SHEET 55 FOR SIGN DETAIL	55										
STA. 23+00 LT		I	30	30	6.25						I			X															SI-I FLUORESCENT YELLOW-GREEN, TYP IX SHEETING		SHS									
		I	30	12	2.50																								W16-9p FLUORESCENT YELLOW-GREEN, TYPE IX SHEETING		SHS									
STA. 29+00 RT								I			I			X																										
STA. 29+58 LT		I	30	24	5.00						I			X															R3-I7		SHS									
								I																																
STA. 29+62 RT 29+75 LT	 SPRUCE STREET	I	18 30	18 8	2.25 1.67						I			X															RI-I		SHS									
STA. 29+87 LT		I	30	30	6.25						I			X															RI-I		SHS									
								I																					MOUNT ONE WAY SIGNS BACK TO BACK											
								I																																
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 90	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB			TRAFFIC SIGN SUMMARY SHEET 4		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)									
					SF	SF	EA. 4	SF				FT 90	FT					LB		EA.	LB					EA.	EA.	FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_41.i			PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 41 OF 61									

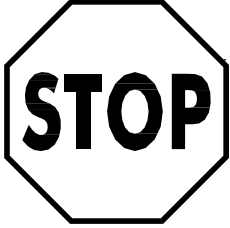
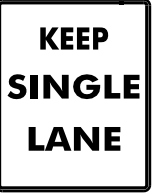
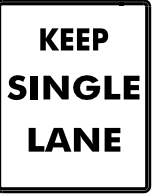
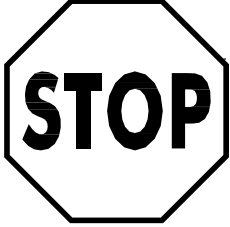
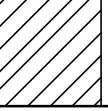
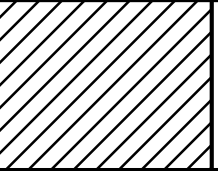
TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS						EXIST POST RETAI N SALVAGE	NO. OF POST S	NEW SIGN POSTS														RE QUIR ED FRAM E	REMARKS				SIGN DETAIL				
					“A”	“B”	SALV SIGN	SALV TIS	FLANGED CHANNEL				SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL								DE TAIL ON SHEET NUMBER	STD. SHEET NUMBER			
		lb/ft	2.0	2.0					2.5	ANCHOR			SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE											
			1.12	2.0					3.0					2.16	2.42	3.35		1.3	1.7	1.7	7.6	9.0	10.8			14.6		24"	30"							
												OPTION ITEMS																								
STA. 30+16 RT		I	30	30	6.25						I			X																	RI-I		SHS			
								I																							MOUNT ONE WAY SIGNS BACK TO BACK					
								I																												
STA. 30+27 LT		I	30	30	6.25						I			X																	RI-I MOUNT BACK TO BACK		SHS			
								I																												
STA. 30+31RT		I	30	30	6.25						I			X																	RI-I MOUNT BACK TO BACK		SHS			
								I																												
								I																												
STA. 30+80 RT		I	30	24	5.00						I			X																	R3-17 MOUNT BACK TO BACK		SHS			
								I																												
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 60	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB									
						SF	SF	EA.	SF			FT	60	FT					LB		EA.	LB					EA.	EA.	TRAFFIC SIGN SUMMARY SHEET 5				PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)			
						23.75		6				FT	60	FT					LB			LB					EA.	EA.	TRAFFIC SIGN SUMMARY SHEET 5				FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_42.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 42 OF 61	

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NO. OF POSTS	NEW SIGN POSTS												REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK										SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE		FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)													W-SHAPE STEEL			RE QU IRE D S IG N M E T	DE TA IL O N S H E E T N U M B E R	STD. SHEET NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
												lb/ft	2.0	3.0	2.0	2.4	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION											3.0	3.5	4.0				5.0	FTG. SIZE		WEIGHT	POST SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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OPTION ITEMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
STA. 33+65 LT		I	24	8	1.33		+				I			X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

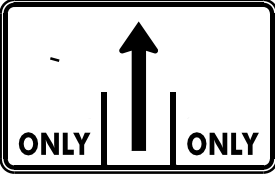
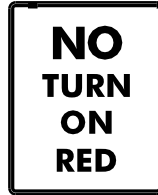
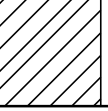
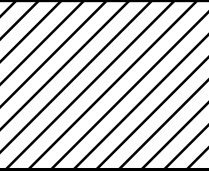
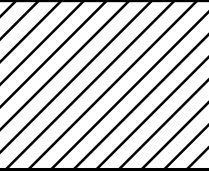
TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			REQUIRE D SIGNAGE	REMARKS		SIGN DETAIL				
		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS	RETA IN		S ALV AGE	lb/ft			2.0	2.0	2.5	A N C H O R	S L E E V E	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE				WEIGHT	POST SIZE	ON SHEET NUMBER	STD. SHEET NUMBER	
												1.12	2.0	3.0	2.16	2.42	3.35			2.16	2.42	3.35		3.0	4.0	4.0	5.0	24"		30"						
												1.12	2.0	3.0	2.16	2.42	3.35			2.16	2.42	3.35		3.0	4.0	4.0	5.0	24"		30"						
											OPTION ITEMS																									
							I																													
		I	36	12	3.00																									R6-IR	MOUNT SIGN BACK TO BACK WITH EXISTING ONE WAY SIGN		SHS			
							I																													
STA. 36+73 RT		I	30	30	6.25					I		X																		RI-I			SHS			
							I																													
		I	36	12	3.00																									R6-IL	MOUNT SIGN BACK TO BACK WITH EXISTING ONE WAY SIGN		SHS			
							I																								MOUNT BELOW ONE WAY SIGNS					
STA. 36+88 LT		I	30	30	6.25					I		X																		RI-I MOUNT BACK TO BACK			SHS			
							I																													
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".											FT	FT	FT 30	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB			TRAFFIC SIGN SUMMARY SHEET 7		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)		FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_44.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 44 OF 61	
					SF 18.50	SF	EA. 5	SF		FT 30	FT					LB			EA.	LB			EA.	EA.												

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 8																																	
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS				SIGN DETAIL			
					“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL								DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
		lb/ft										2.0	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE									
		1.2	2.0	3.0								2.16	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"											
OPTION ITEMS																																					
STA. 36+89 RT		I	30	30	6.25						I			X																			RI-MOUNT BACK TO BACK		SHS		
								I																													
								I																													
STA. 37+12 RT		I	30	24	5.00						I			X																		R3-17		SHS			
STA. 41+83 LT								I			I			X																							
		I	30	24	5.00																											R3-17		SHS			
STA. 41+839 RT								I			I			X																			MOUNT BACK TO BACK WITH BIKE LANE SIGN				
		I	30	24	5.00																											R3-17		SHS			
		I	30	12	2.50																											R3-17b		SHS			
STA. 41+89 RT		I	18	18	2.25						I			X																		RI-1		SHS			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 75	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB								TRAFFIC SIGN SUMMARY SHEET 8	PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)	
						SF 26.00	SF	EA. 4	SF		FT 75	FT				LB			EA.	LB				EA.	EA.	FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_45.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 45 OF 61									

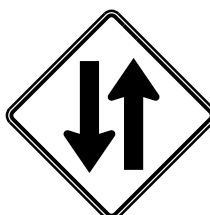
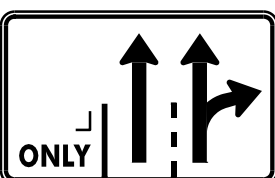
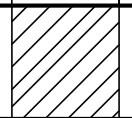
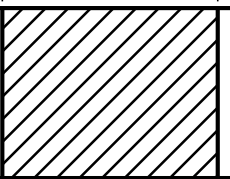
TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS						EXIST POST		NEW SIGN POSTS										REMARKS								SIGN DETAIL						
					“A”	“B”	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)											W-SHAPE STEEL			REQUIRED SIGN FRAME	
		lb/ft										2.0	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5									4.0	5.0	FTG. SIZE		WEIGHT		POST SIZE
		1.2	2.0	3.0								2.16	2.42	3.35			1.3	1.7	1.7		7.6	9.0									10.8	14.6	24"	30"			
										OPTION ITEMS																											
STA. 42+07 LT	MAPLE ST	I	24	8	1.33		+				I			X																							
	SO. WINOOSKI AVE	I	42	8	2.33		+																														
	STOP	I	30	30	6.25																												RI-I	SHS			
STA. 42+43 RT	STOP	I	30	30	6.25						I			X																			RI-I	SHS			
STA. 42+55 LT	STOP	I	30	30	6.25						I			X																			RI-I	SHS			
STA. 45+71RT	STOP	I	30	30	6.25						I			X																			RI-I	SHS			
45+85 LT	KINGS ST SO. WINOOSKI AVE.	I	24	8	1.33																																
STA. 45+91LT	STOP	I	30	30	6.25						I			X																			RI-I	SHS			
STA. 46+15 RT	STOP	I	30	30	6.25						I			X																			RI-I	SHS			
STA. 46+35 LT	STOP	I	30	30	6.25						I			X																			RI-I	SHS			
STA. 49+62 RT	NO PARKING TAXI ONLY 8PM-6AM							I			I			X																			REMOVE AND RELOCATE SIGN AS SHOWN ON LAYOUT SHEET				
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".											FT	FT	FT	120	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB						TRAFFIC SIGN SUMMARY SHEET 9	PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)			
						SF	SF	EA	SF		FT	120	FT		LB		EA	LB		EA	EA	FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_46.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 46 OF 61													

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 10																														
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NO. OF POSTS	NEW SIGN POSTS																				REMARKS				SIGN DETAIL				
												FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL														
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE		lb/ft			2.0		2.0		2.5	ANCHOR	SLEEVE	3.0			4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0					FTG. SIZE		WEIGHT	POST SIZE	REQUIRE SIGN FRAME
												1.2	2.0	3.0	2.16	2.42	3.35	2.0	2.0			2.5	3.0	4.0	4.0 MOD	3.0		3.5	4.0	5.0	24"	30"								
											OPTION ITEMS																				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK									
STA. 49+95 LT		I	24	12	2.00					I																							M3-2	BLACK ON WHITE		SHS				
		I	24	24	4.00																												MI-4		SHS					
		I	31	15	2.19																												M6-1L	BLACK ON WHITE		SHS				
50+65 RT		I	24	8	1.33																												RETAIN SIGN							
		I	42	8	2.33																												RETAIN SIGN							
STA. 52+89 LT 54+40 RT	 COLLEGE ST SO. WINOOSKI AVE	I I	48 30	30 8	10.00 1.67																												VR-93I	MOUNT ON EXISTING LIGHT POLE WITH STEEL BAND		E-145B				
STA. 64+80 RT 58+90	 BANK ST BUELL ST	I I I	42 36 24	8 30 8	2.33 7.50 1.33						2				X																		VR-925		E-145A					
61+30 RT STA. 66+40 RT 62+75 RT	 CHERRY ST	I I I	24 24 30	8 30 8	1.33 5.00 1.67																												R3-5L	MOUNT TO MAST ARM SEE SHEET 56		SHS				
STA. 66+40 RT		I	24	30	5.00																												R3-5R	MOUNT TO MAST ARM SEE SHEET 56		SHS				
STA. 66+41LT		I	24	30	5.00																												RI0-11a	MOUNT TO MAST ARM SEE SHEET 56		SHS				
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 30	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB													
						SF	SF	EA.	SF			FT 30	FT				LB			EA.	LB				EA.	EA.	TRAFFIC SIGN SUMMARY SHEET 10		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)				FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_47.i				PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 47 OF 61			
						-40.69 53.68							FT 30	FT				LB			EA.	LB				EA.	EA.													

STATE OF VERMONT
AGENCY OF TRANSPORTATION

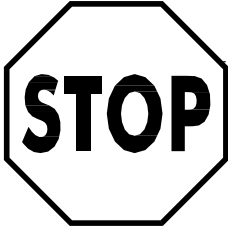
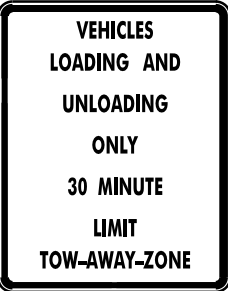
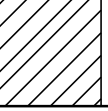
TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			REQUIRE FRAMING	REMARKS		SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF POSTS	FLANGED CHANNEL	SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)				TUBULAR STEEL Ø (in)				W-SHAPE STEEL			DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
													lb/ft	2.0	2.5	3.0	4.0			MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE			WEIGHT		POST SIZE			
																										1.2						2.0	3.0	2.16
OPTION ITEMS																																		
STA. 66+41LT		I	30	30	6.25																							W6-3	MOUNT TO MAST ARM SEE SHEET 56		SHS			
STA. 66+41RT		I	30	30	6.25																							W6-3	MOUNT TO MAST ARM SEE SHEET 56		SHS			
66+50 RT STA. 66+60 RT	PEARL ST SO. WINOOSKI AVE 	I	24	8	1.33																									MOUNT TO MAST ARM SEE SHEET 56		SHS		
STA. 67+11LT		I	30	30	6.25																								R5-1	MOUNT TO MAST ARM SEE SHEET 56		SHS		
STA. 67+11RT		I	30	30	6.25																								R5-1	MOUNT TO MAST ARM SEE SHEET 56		SHS		
STA. 67+11RT 67+15 LT	PEARL ST NO. WINOOSKI AVE 		24 42	8 8	1.33 2.33																									ELECTRONIC SIGN SEE SHEET 56				
STA. 68+69 LT		I	30	24	5.00						I		X																R3-17			SHS		
		I	30	12	2.50																								R3-17b			SHS		
STA. 69+03 LT		I	48	30	10.00						2		X																VR-934			E-145B		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 45	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB			TRAFFIC SIGN SUMMARY SHEET 11		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)		
					SF	SF	EA.	SF			FT 45	FT					LB		EA.	LB			EA.	EA.	FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_48.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 48 OF 61							

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS						EXIST POST RETAI N SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL			RE QUI RED FRAM ING	REMARKS		SIGN DETAIL	
					“A”	“B”	SALV SIGN	SALV TIS	lb/ft	2.0			2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
		1.2	2.0	3.0						2.16			2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"										
		OPTION ITEMS																																		
STA. 72+79 LT		I	30	24	5.00						I			X															R3-I7		SHS					
73+00 LT STA. 73+19 LT		I	24	8	1.33						I			X															RI-I		SHS					
		I	36	12	3.00																								R6-IR MOUNT ONE WAY SIGNS BACK TO BACK		SHS					
		I	36	12	3.00																								R6-IL		SHS					
STA. 73+49 RT		I	30	30	6.25						I			X															RI-I		SHS					
								I																					R6-IL MOUNT ONE WAY SIGNS BACK TO BACK		SHS					
								I																					R6-IR		SHS					
STA. 73+63 RT								I			I			X																						
		I	30	30	6.25																								RI-I MOUNT BACK TO BACK		SHS					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 60	FT		FT	FT	EA	LB	LB	LB		LB	LB	LB	LB		TRAFFIC SIGN SUMMARY SHEET 12		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)		FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_49.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 49 OF 61	
					SF	SF	EA. 3	SF		FT 60	FT					LB			EA.	LB				EA.	EA.											

STATE OF VERMONT AGENCY OF TRANSPORTATION				TRAFFIC SIGN SUMMARY SHEET 13																																				
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS				SIGN DETAIL							
											NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL														
		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS	RE TAIN	S ALV AGE		lb/ft			2.0		2.0		2.5	ANCHOR	S LEEVE	3.0		4.0	4.0 MOD	FOUND- ATION	3.0		3.5	4.0		5.0		FTG. SIZE		WEIGHT	POST SIZE	RE QUIRE D SIGNME NT		
												1.2	2.0	3.0	2.16	2.42	3.35	2.0	2.0			2.5	3.0	4.0	4.0		3.0	3.5	4.0	5.0	24"	30"								
OPTION ITEMS																																								
STA. 73+63 LT							I			I			X																											
		I	30	30	6.25																										RI-I	MOUNT BACK TO BACK		SHS						
STA. 81+69 LT		I	30	24	5.00					I			X																			R3-I7		SHS						
							I																																	
							I																																	
82+20 LT	NORTH ST		24	8	1.33																																			
STA. 82+35 LT	NO. WINOOSKI AVE 	I	36	12	3.00					I			X																			R6-IL	MOUNT BACK TO BACK		SHS					
		I	36	12	3.00																											R6-IR		SHS						
STA. 85+10 LT		I	30	24	5.00					I			X																				R3-I7		SHS					
86+25 LT	CROMBIE ST	I	30	8	1.67																																			
STA. 86+39 LT		I	30	30	6.25					I			X																			RI-I		SHS						
STA. 88+87 LT		I	30	24	5.00					I			X																				R3-I7		SHS					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 90	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB													
												FT	FT				LB			EA	LB				EA	EA	TRAFFIC SIGN SUMMARY SHEET 13		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)				FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_50.i				PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 50 OF 61			
												FT	FT				LB			EA	LB				EA	EA														

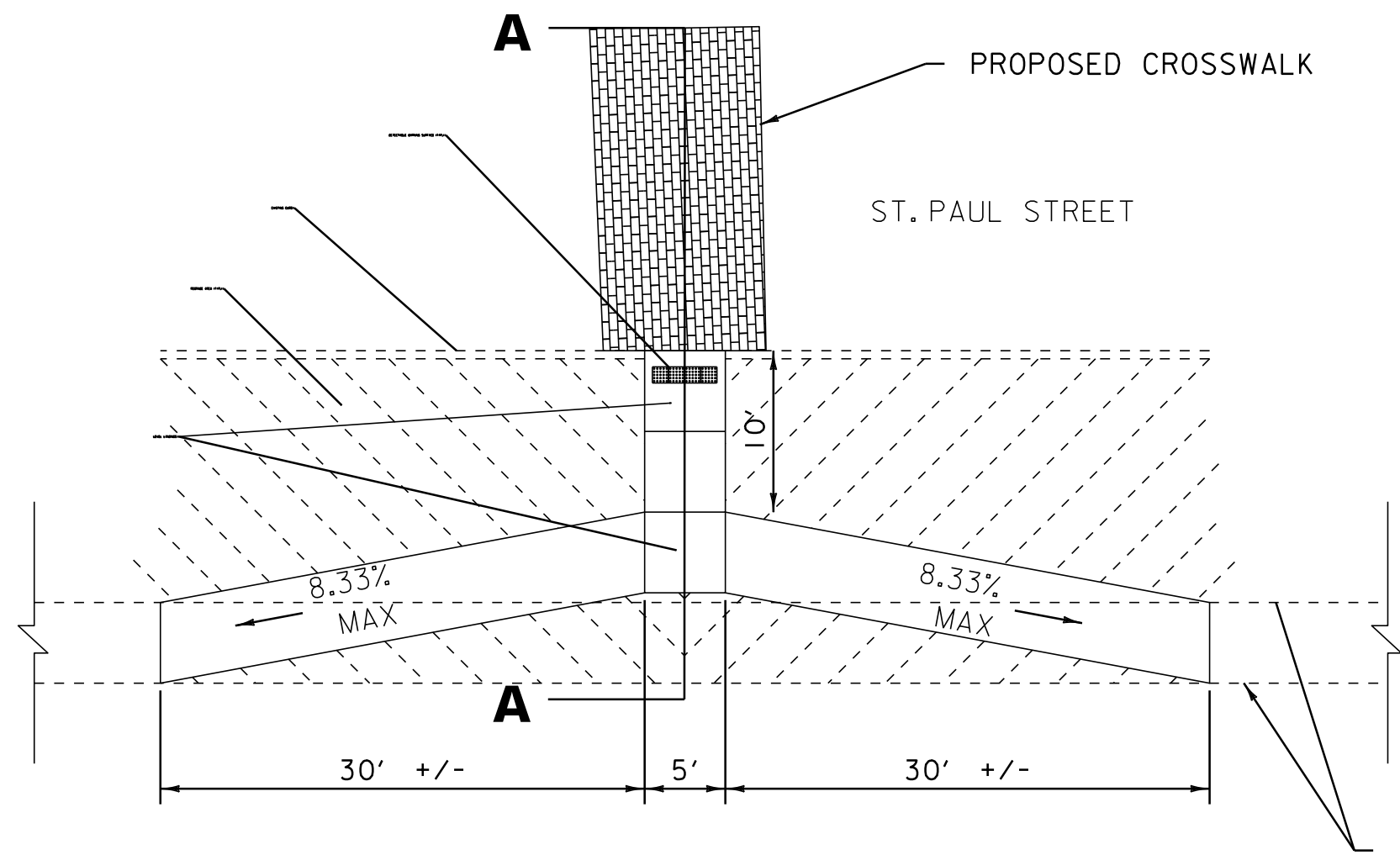
TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS						EXIST POST	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL			RE- FRAMED SIGNS	REMARKS		SIGN DETAIL											
					“A”	“B”	SALV SIGN	SALV TIS	RETAIN	SALVAGE	lb/ft			2.0	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT				POST SIZE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER									
		1.12	2.0	3.0							2.16		2.42	3.35	1.3	1.7			1.7	7.6	9.0		10.8	14.6	24"	30"																		
		E A	WIDTH (in)	HEIGHT (in)																																								
OPTION ITEMS																																												
STA. 89+22 RT		I	30	30	6.25						I			X																RI-I MOUNT BACK TO BACK		SHS												
								I																																				
								I																																				
								I																					MOUNT ONE WAY SIGNS BACK TO BACK															
STA. 89+37 LT		I	30	30	6.25						I			X																RI-I		SHS												
STA. 89+49 RT		I	30	30	6.25						I			X																RI-I MOUNT BACK TO BACK		SHS												
								I																																				
								I																																				
								I																					MOUNT ONE WAY SIGNS BACK TO BACK															
STA. 89+78 LT 89+95 RT			30 30	8 8	1.67 1.67			+			I			X																														
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".												FT	FT	FT 60	FT	FT	FT		EA.	LB	LB	LB		LB	LB	LB	LB																	
					SF	SF	EA.	SF				FT 60	FT					LB		EA.	LB					EA.	EA.	TRAFFIC SIGN SUMMARY SHEET 14		PROJECT NAME: BURLINGTON (CLASS I) PROJECT NUMBER: STP 2722 (I)		FILE NAME: 07d028.dgn PROJECT LEADER: CDL DESIGNED BY: SJL PLOT FILE: 07d028_51.i		PLOT DATE: 05-JUN-2014 11:21 DRAWN BY: SJL CHECKED BY: EPD SHEET 51 OF 61										

TRAFFIC SIGN SUMMARY SHEET 15

[illegible]

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 16																										
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	SIGN DETAIL								
											NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (in)				ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)								W-SHAPE STEEL				REQUIRE D SIGN MATERIAL
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE																		3.0	4.0	4.0 MOD	FOUND- ATION					
												1.2	2.0	3.0					2.16	2.42				3.35	1.3	1.7	1.7									
												OPTION ITEMS																								
STA. 102+90 RT		I	30	24	5.00						I			X																		DII-I		SHS		
							I																													
STA. 103+80 LT		I	30	24	5.00						I			X																		DII-I		SHS		
							I																													
	TSSS 1 TOTAL TSSS 2 TOTAL TSSS 3 TOTAL TSSS 4 TOTAL TSSS 5 TOTAL TSSS 6 TOTAL TSSS 7 TOTAL TSSS 8 TOTAL TSSS 9 TOTAL TSSS 10 TOTAL TSSS 11 TOTAL TSSS 12 TOTAL TSSS 13 TOTAL TSSS 14 TOTAL TSSS 15 TOTAL TSSS 16 TOTAL				-37.75 -36.50 24.00 -28.50 23.75 -13.50 18.50 26.00 -43.75 -40.69 -47.50 -29.75 -33.50 -18.75 -16.50 10.00	41.09 41.84 30.17 18.49 51.07 53.68 54.82 31.08 38.33 22.09 20.83	0 1 4 4 6 7 5 4 3 0 0 3 3 7 6 4 2																													
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE VTRANS STANDARD SHEETS AND "SIGN POST DESIGN GUIDELINE".		SUBTOTAL			448.94		55					FT	FT	FT	1095		FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB							
		ROUNDING			1.06		-																													
					SF	SF	EA.	SF				FT			FT				LB			EA.	LB				EA.	EA.								
					-450 506.24		-55 46					-1095 1484.75																								
				</																																



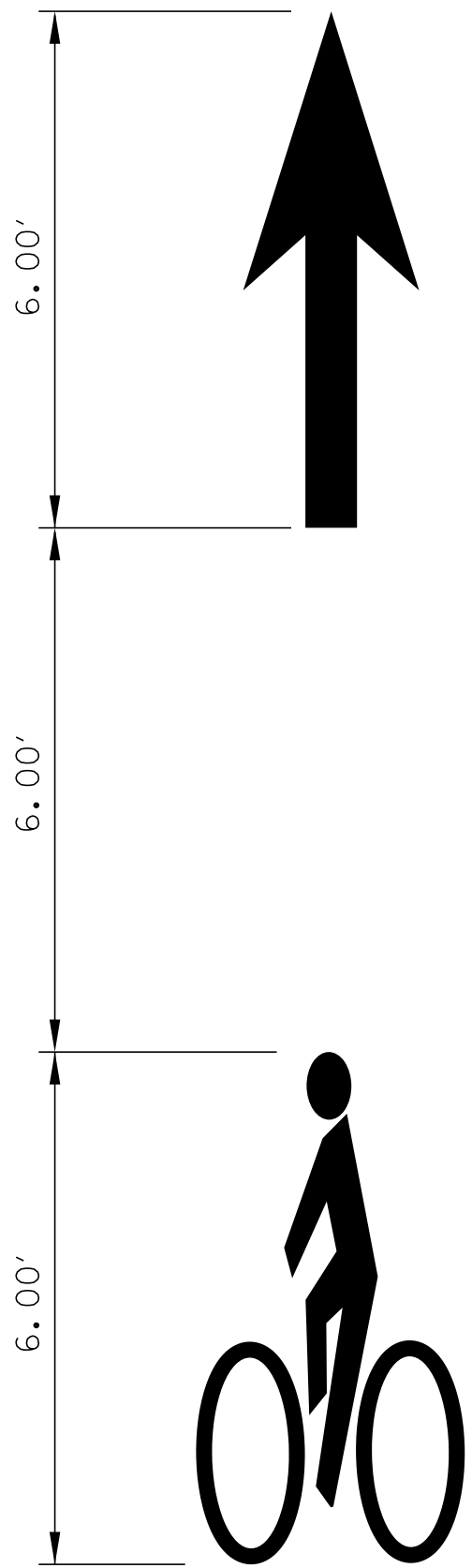
PLAN

ST. PAUL STREET SIDEWALK RECONSTRUCTION

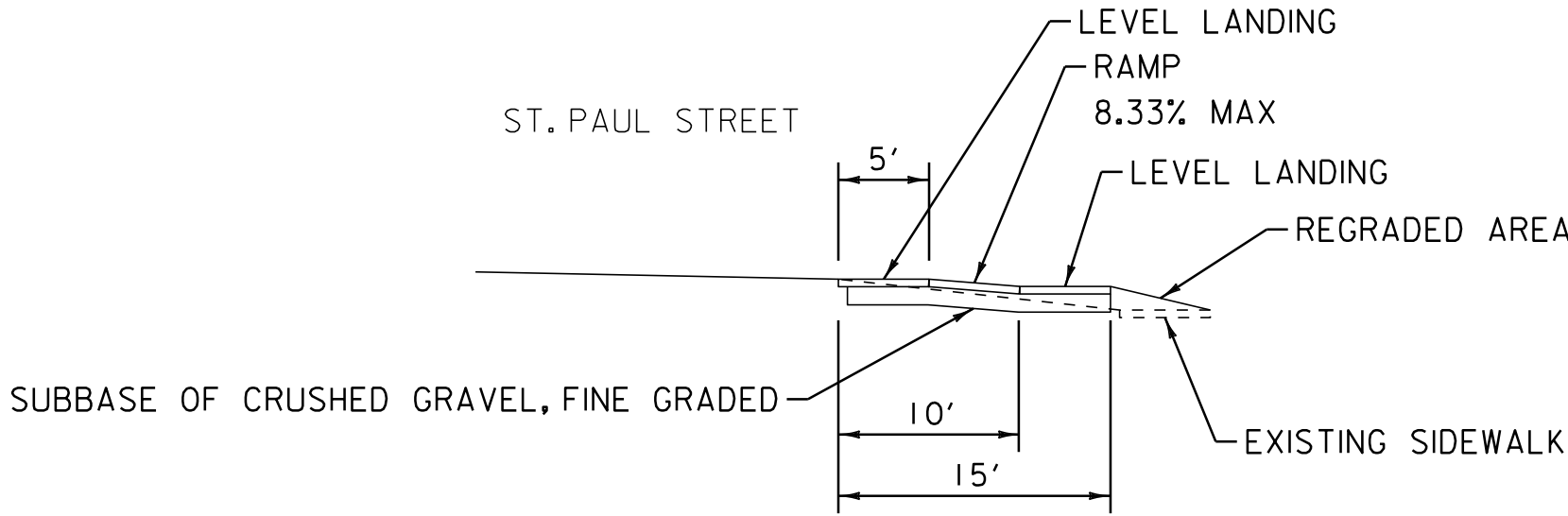
U.S. ALT. ROUTE 7
STA. 9+39 LT

NOTES:

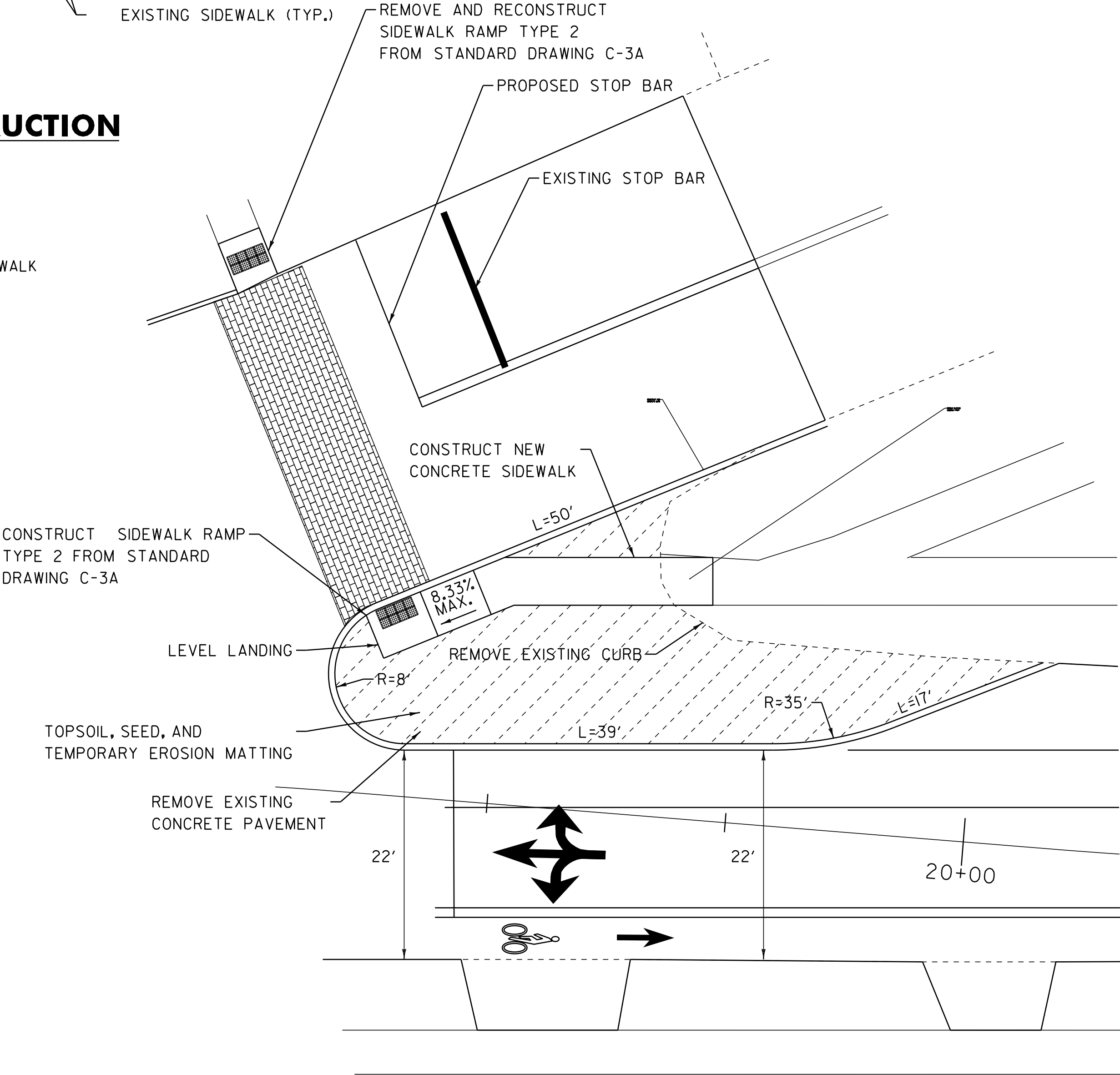
- 1. CONTRACTOR TO REMOVE AND RECONSTRUCT EXISTING SIDEWALK AND RAMPS AS SHOWN IN DETAIL.
- 2. REGRADED AREA TO BE TOPPED WITH TOPSOIL, SEED, AND TEMPORARY EROSION MATTING.



BIKE LANE PAVEMENT MARKINGS



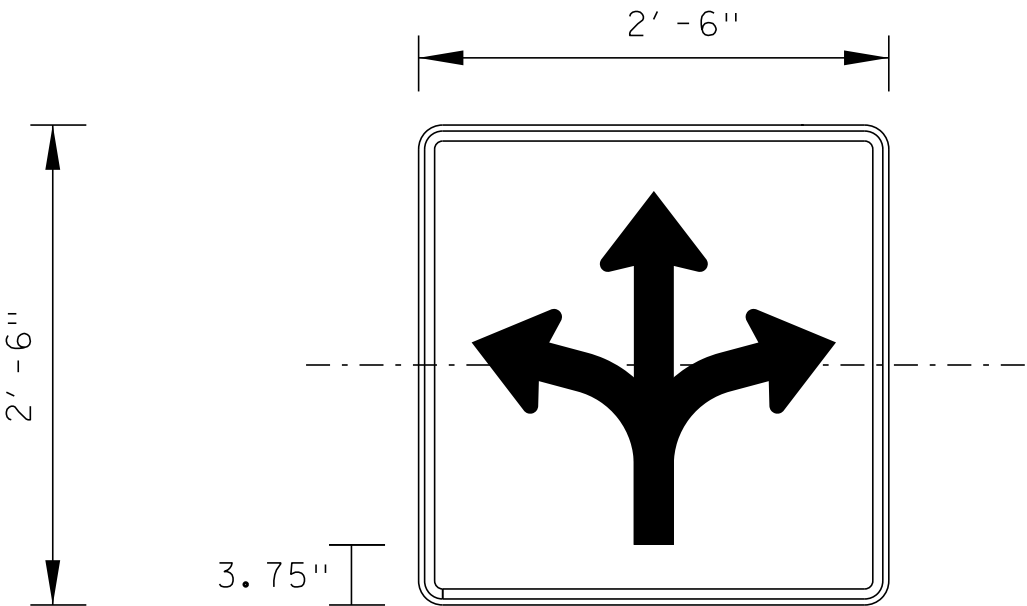
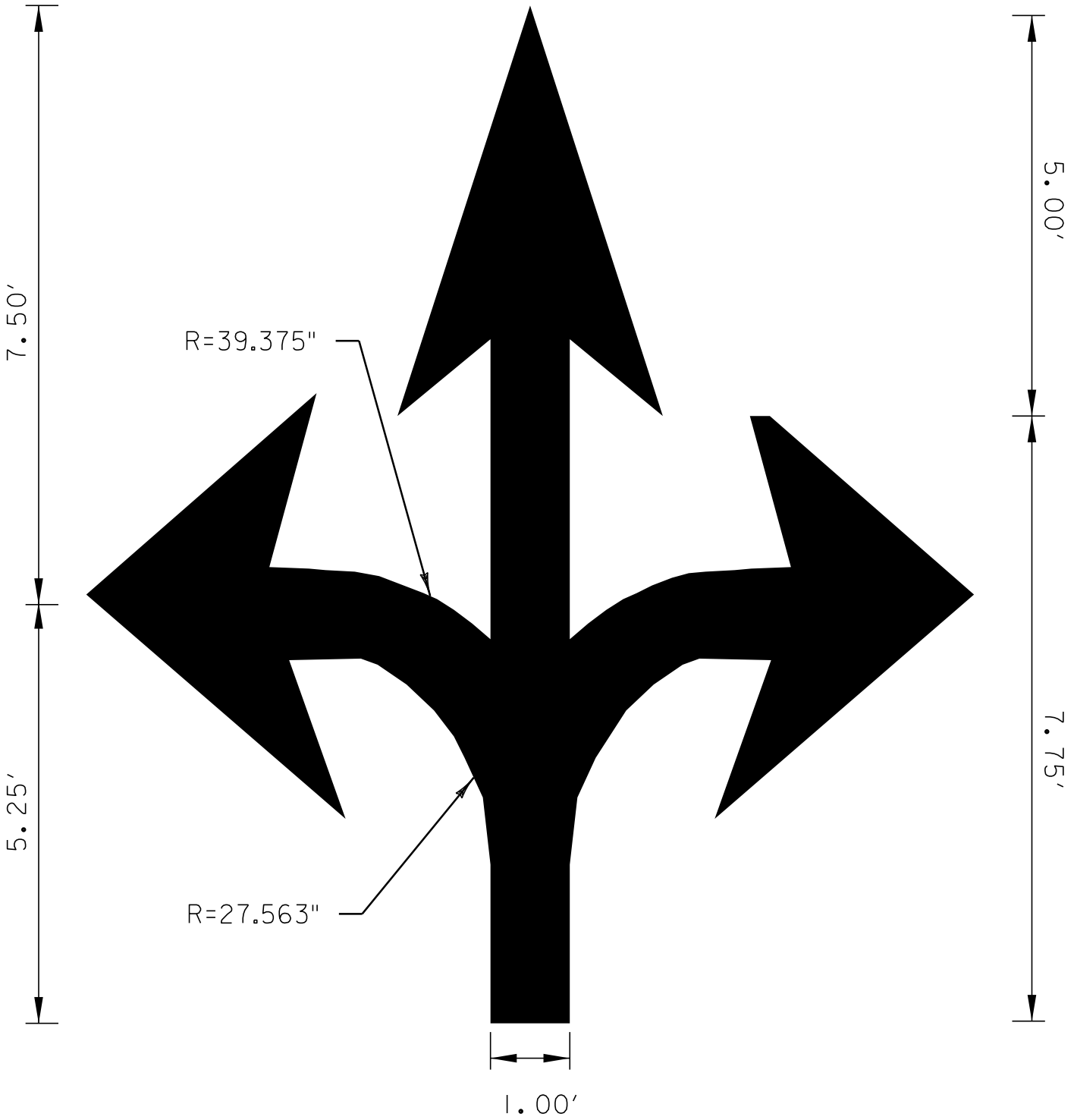
SECTION A-A



ST. PAUL STREET
INTERSECTION RECONSTRUCTION

NOTES:

- 1. CONTRACTOR TO REMOVE AND RECONSTRUCT EXISTING SIDEWALK AND RAMPS AS SHOWN IN DETAIL.
- 2. REGRADED AREA TO BE TOPPED WITH TOPSOIL, SEED, AND TEMPORARY EROSION MATTING.

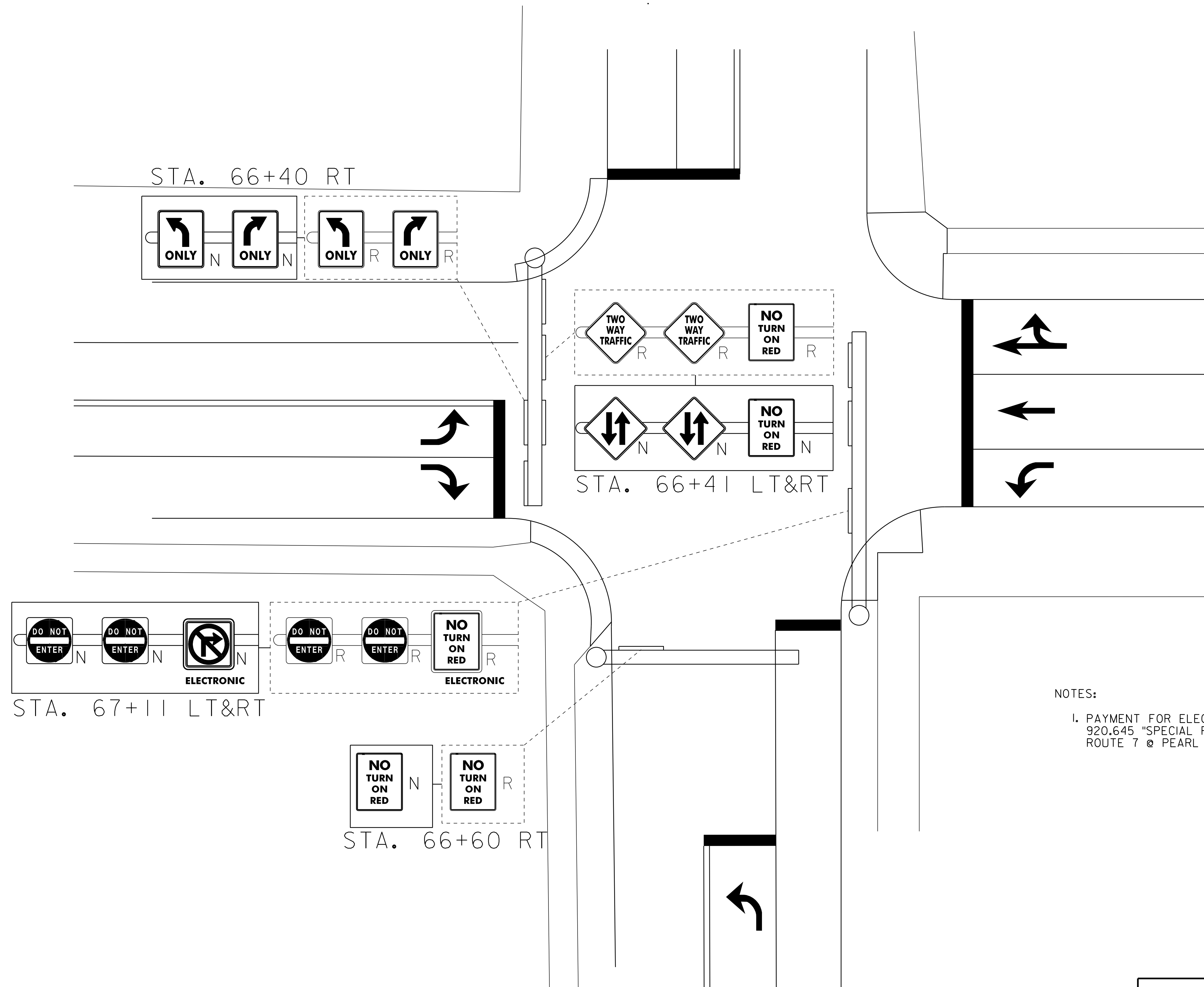


BORDER
R=1.875"
TH=0.75"
IN=0.50"

NOTE: SEE VTRANS STANDARD E-145A
FOR COLORS, MATERIALS, ARROW
DETAILS AND ADDITIONAL INFORMATION.

NOT TO SCALE

TRAFFIC SIGNS AND DETAILS SHEET 2	PROJECT NAME: BURLINGTON (CLASS I)	
	PROJECT NUMBER: STP 2722 (I)	
	FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:21
	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: SJL	CHECKED BY: EPD
	PLOT FILE: 07d028_55.i	SHEET 55 OF 61



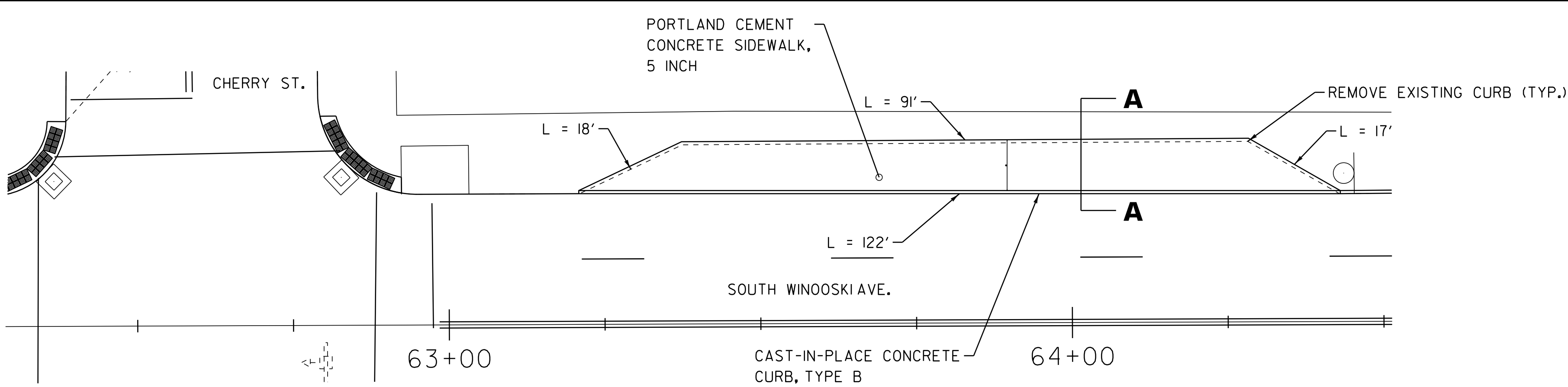
NOT TO SCALE

**TRAFFIC
SIGNS AND
DETAILS
SHEET 3**

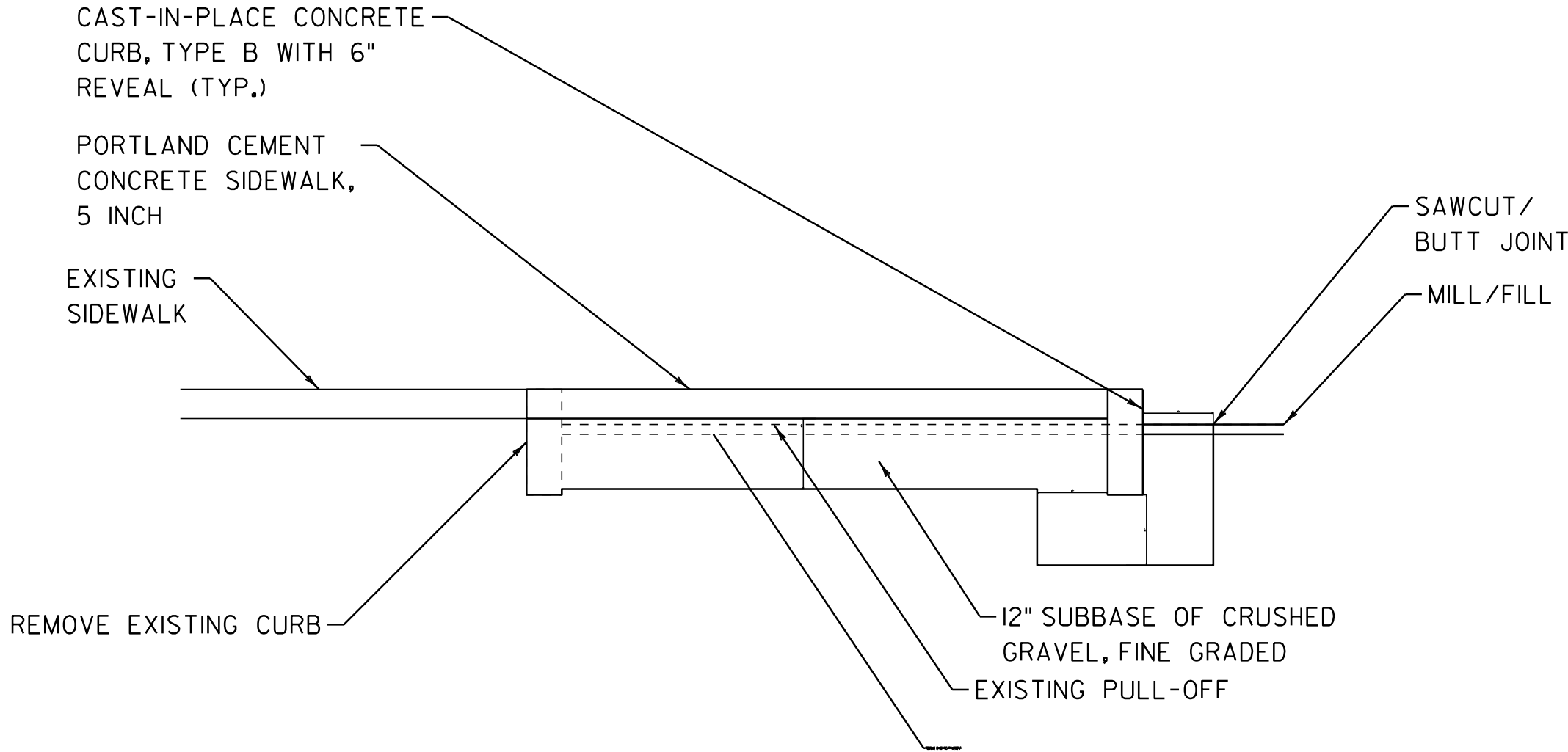
PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 07d028_56.i

PLOT DATE: 05-JUN-2014 11:22
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 56 OF 61



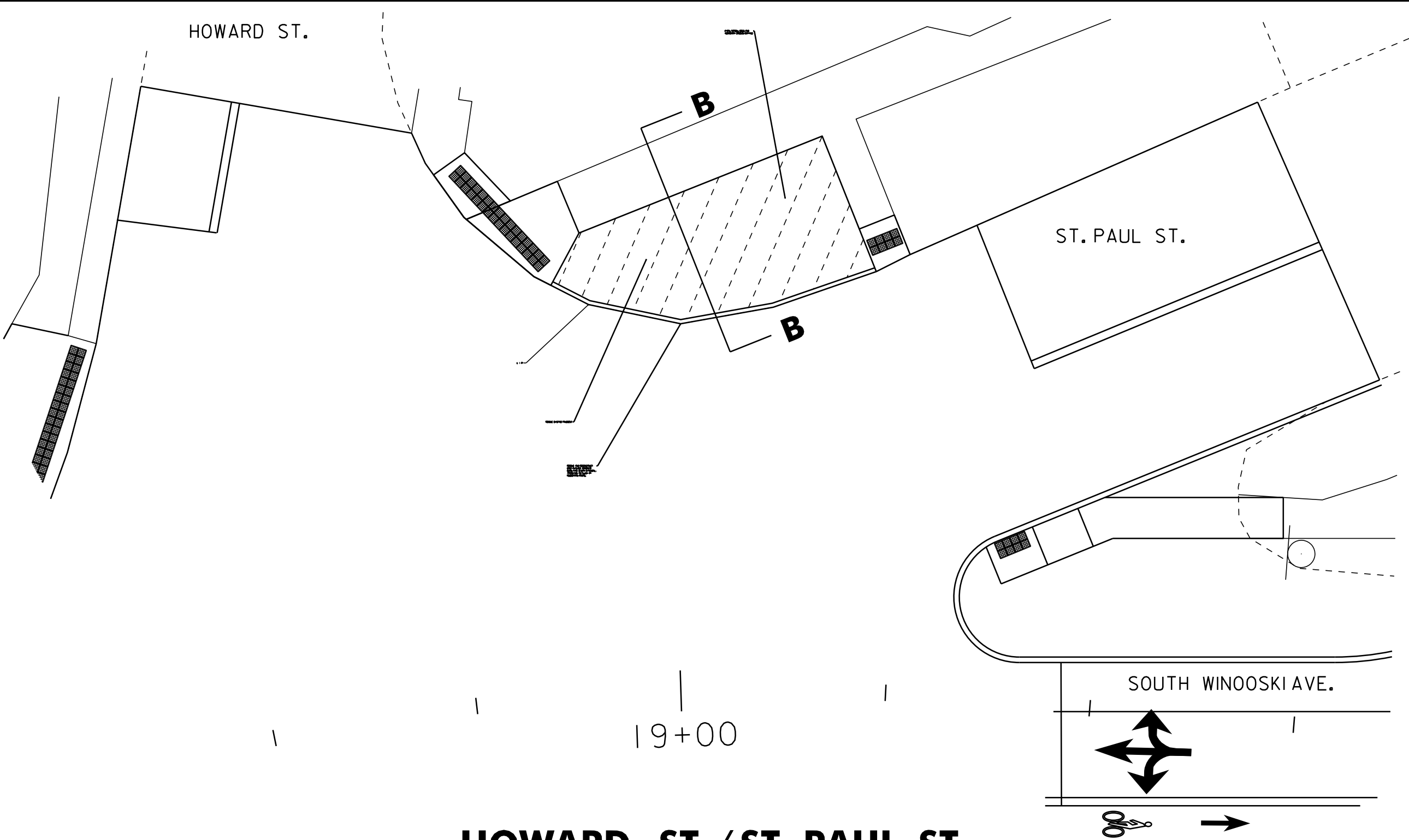
**SOUTH WINOOSKI AVE
BUS PULL-OFF RECONSTRUCTION**



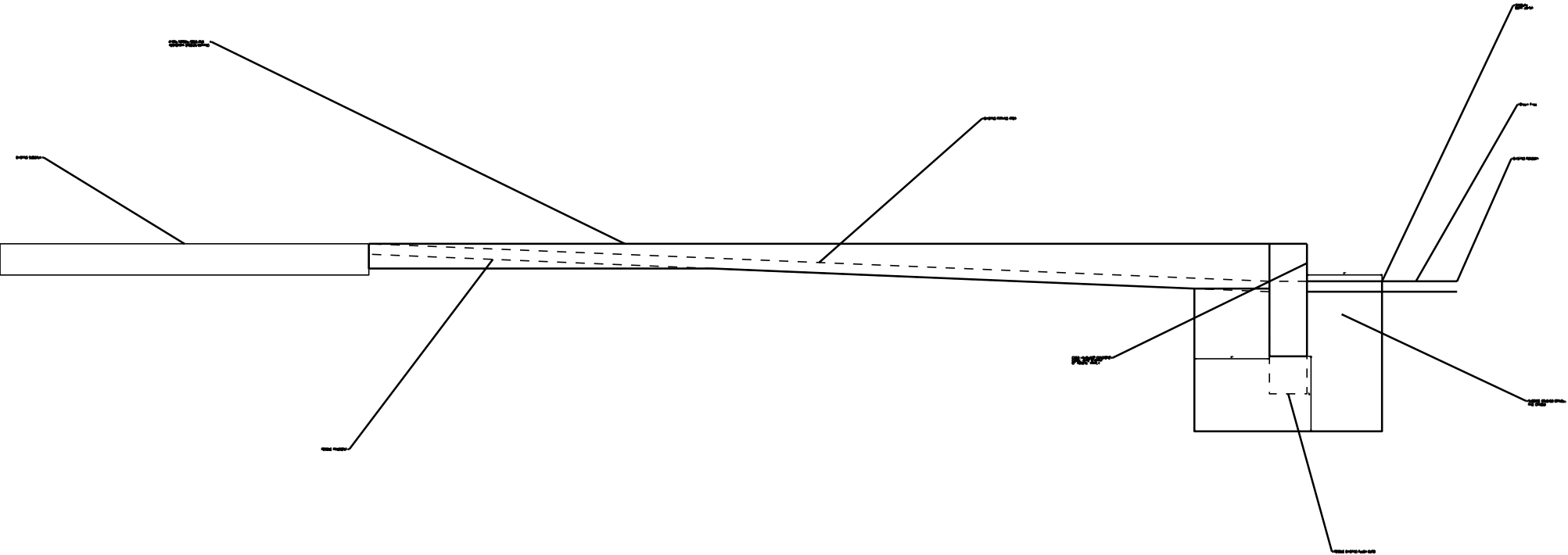
SECTION A-A

NOTES:

1. CONTRACTOR TO REMOVE CURBING AND PAVEMENT AND CONSTRUCT EXISTING SIDEWALK AS SHOWN IN DETAIL.



**HOWARD ST./ST. PAUL ST.
CURB RECONSTRUCTION**



SECTION B-B

NOTES:

1. CONTRACTOR TO REMOVE AND RECONSTRUCT EXISTING CURB AS SHOWN IN DETAIL.
2. REGRADED AREA TO BE TOPPED WITH TOPSOIL, SEED, AND TEMPORARY EROSION MATTING TO THE EXTENTS SHOWN ON PLANS.

NOT TO SCALE

**TRAFFIC
SIGNS AND
DETAILS
SHEET 4**

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 07d028_57.i

PLOT DATE: 05-JUN-2014 11:22
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 57 OF 61

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

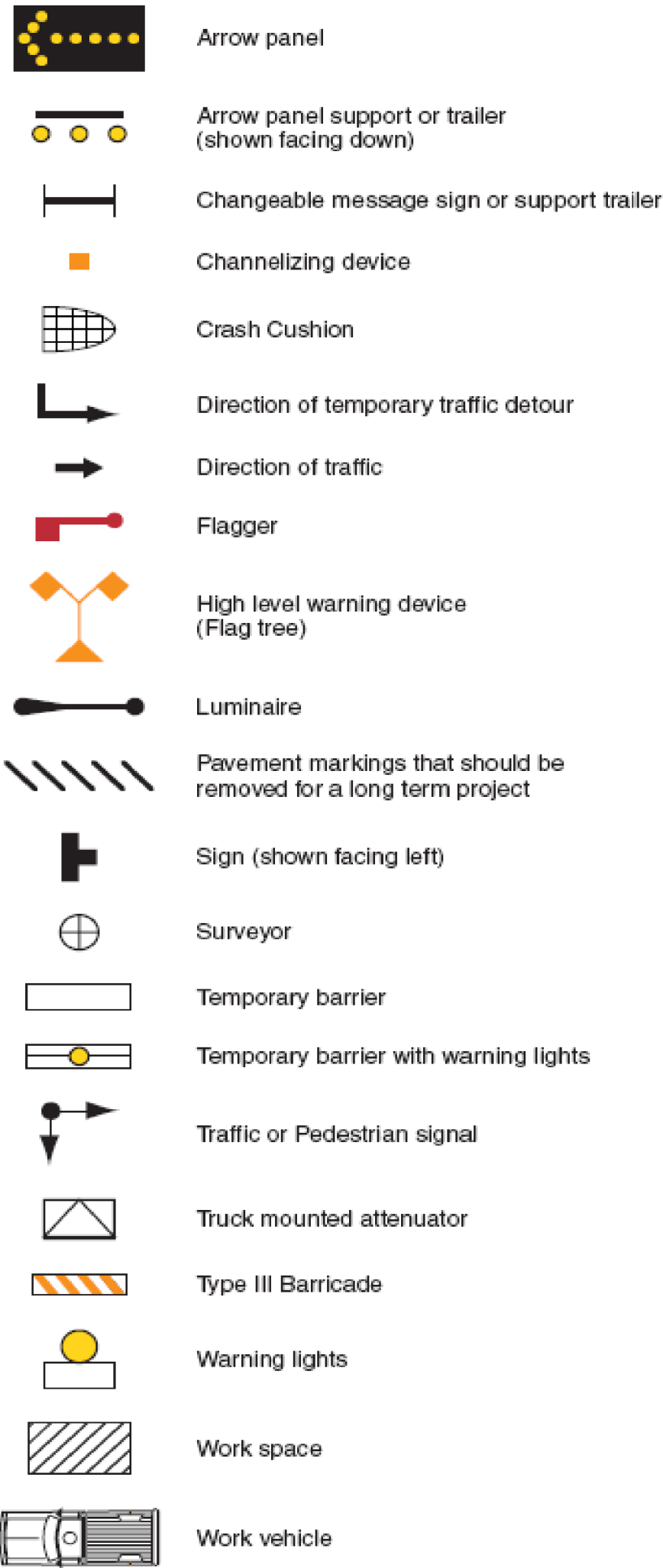
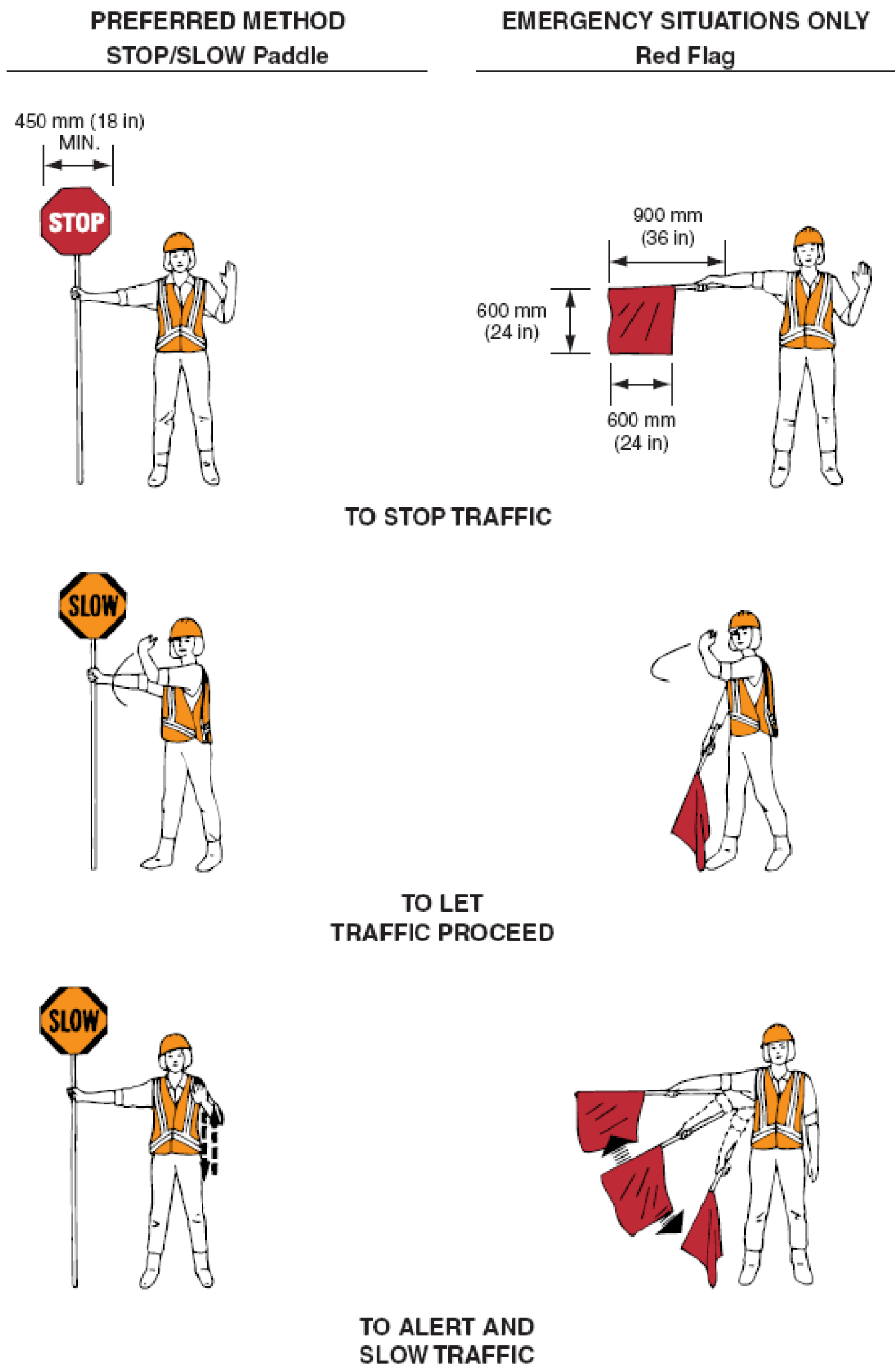


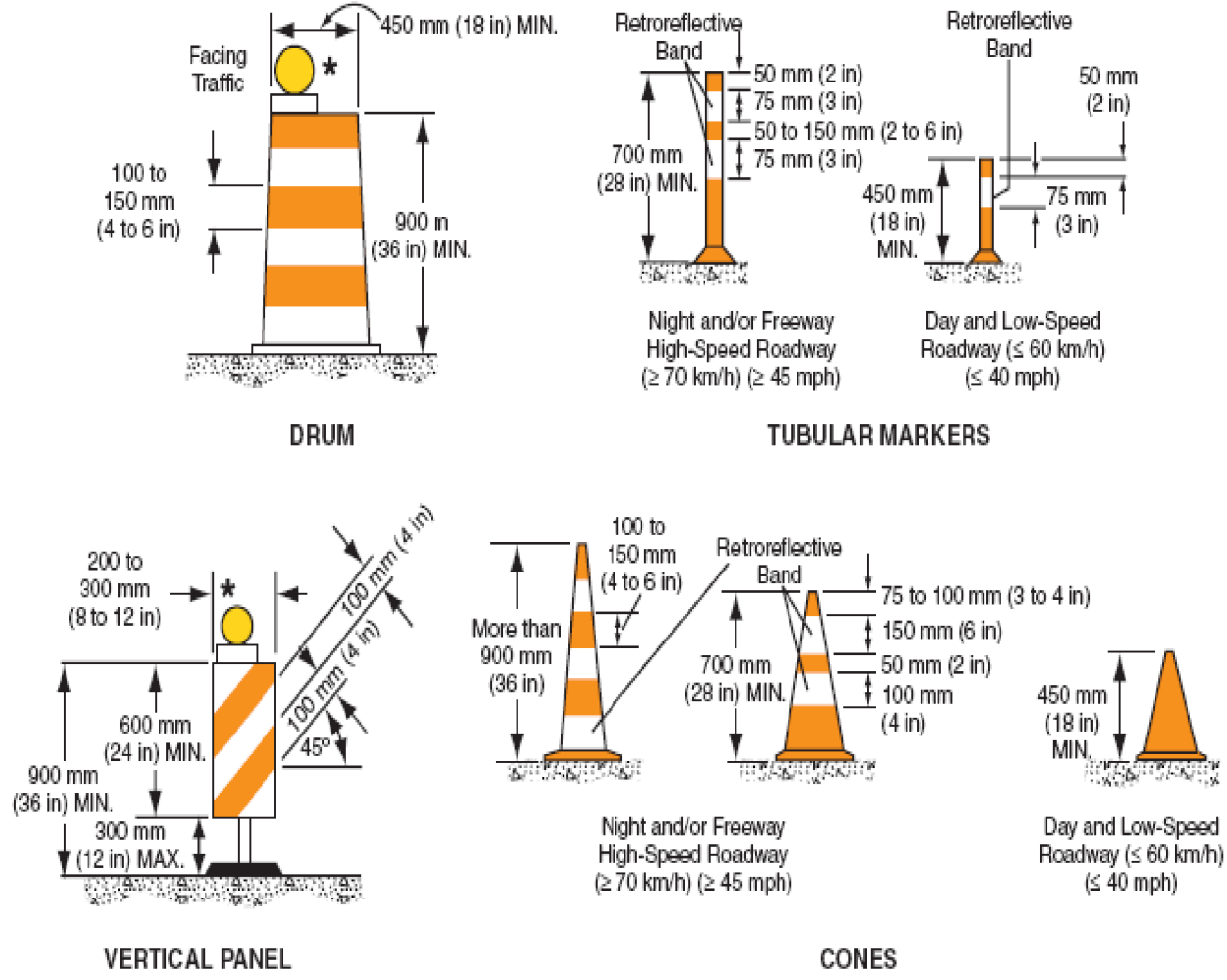
Figure 6E-1. Use of Hand-Signaling Devices by Flaggers



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), DATED 2009, 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 MOTORIST AT THE TIMES WHEN THE MESSAGE IS PERTINENT, I.E. A "FLAGGER AHEAD" SIGN SHALL ONLY BE VISIBLE TO MOTORIST 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) WITH PERMISSION OF THE OWNER. 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. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE FIRE STATION LOCATED AT STA. 52+50 AT ALL TIMES.
15. ALL PERMANENT SIGNS WHICH CONFLICT WITH TEMPORARY TRAFFIC CONTROL MUST BE COMPLETELY COVERED.
16. ALL REASONABLE EFFORTS SHALL BE MADE TO ACCOMODATE PEDESTRIAN TRAVEL AT ALL TIMES. THIS CAN INCLUDE, BUT IS NOT LIMITED TO A DEDICATED PEDESTRIAN ESCORT, SIGNAGE AND CONED 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.
17. 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.

Figure 6F-7. Channelizing Devices (Sheet 1 of 2)



* Warning lights (optional)

Note: If drums, cones, or tubular markers are used to channelize pedestrians, they shall be located such that there are no gaps between the bases of the devices, in order to create a continuous bottom, and the height of each individual drum, cone, or tubular marker shall be no less than 900 mm (36 in) to be detectable to users of long canes.

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 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 MAY 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-103, E-106, E-107, E-107A, E-108A, E-110, E-111 AND E-112.

TRAFFIC CONTROL SHEET 1

PROJECT NAME: BURLINGTON (CLASS I)
PROJECT NUMBER: STP 2722 (I)

FILE NAME: 07d028.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 07d028_58.i

PLOT DATE: 05-JUN-2014 11:22
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 58 OF 61

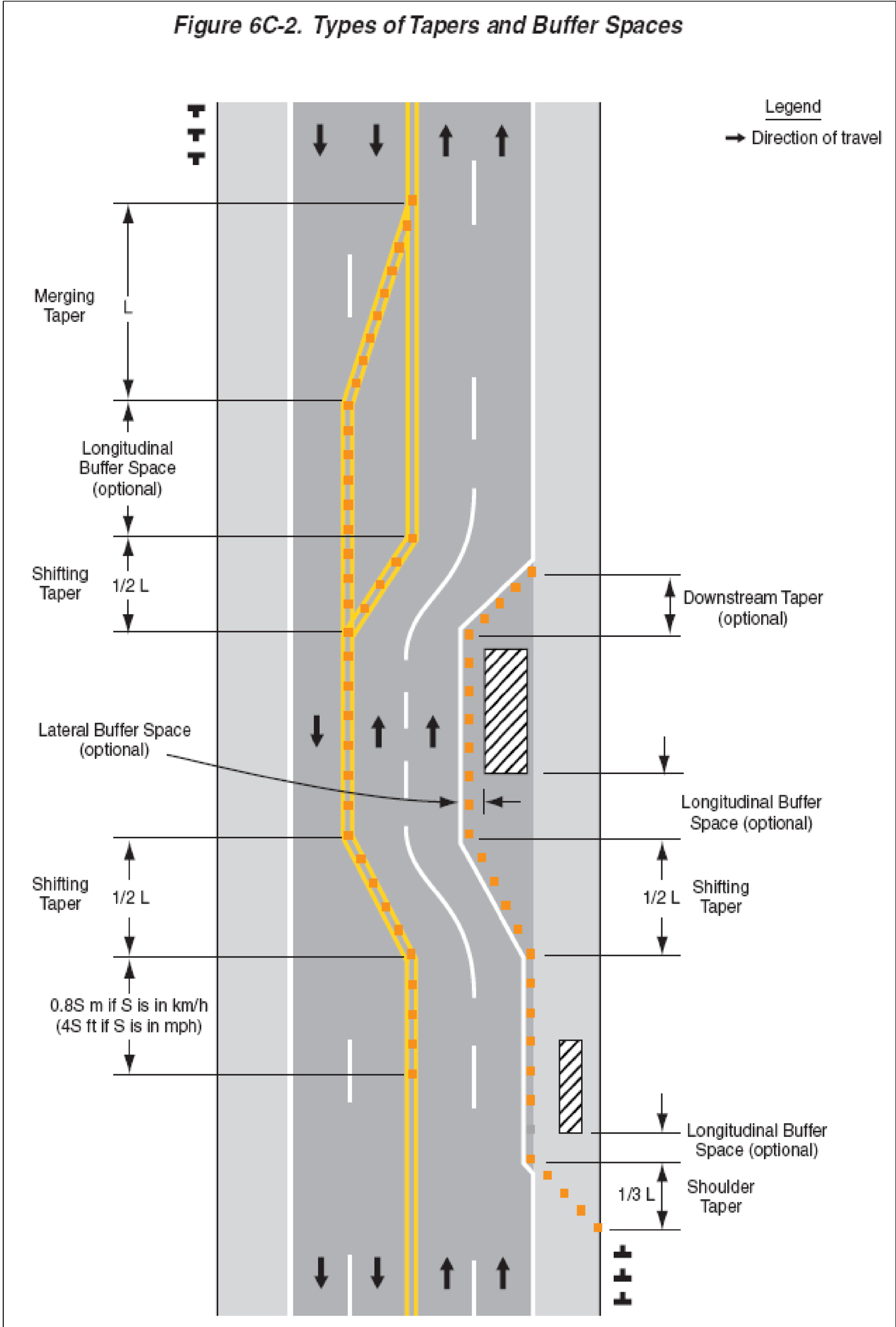


Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	30 m (100 ft) maximum
Downstream Taper	30 m (100 ft) per lane

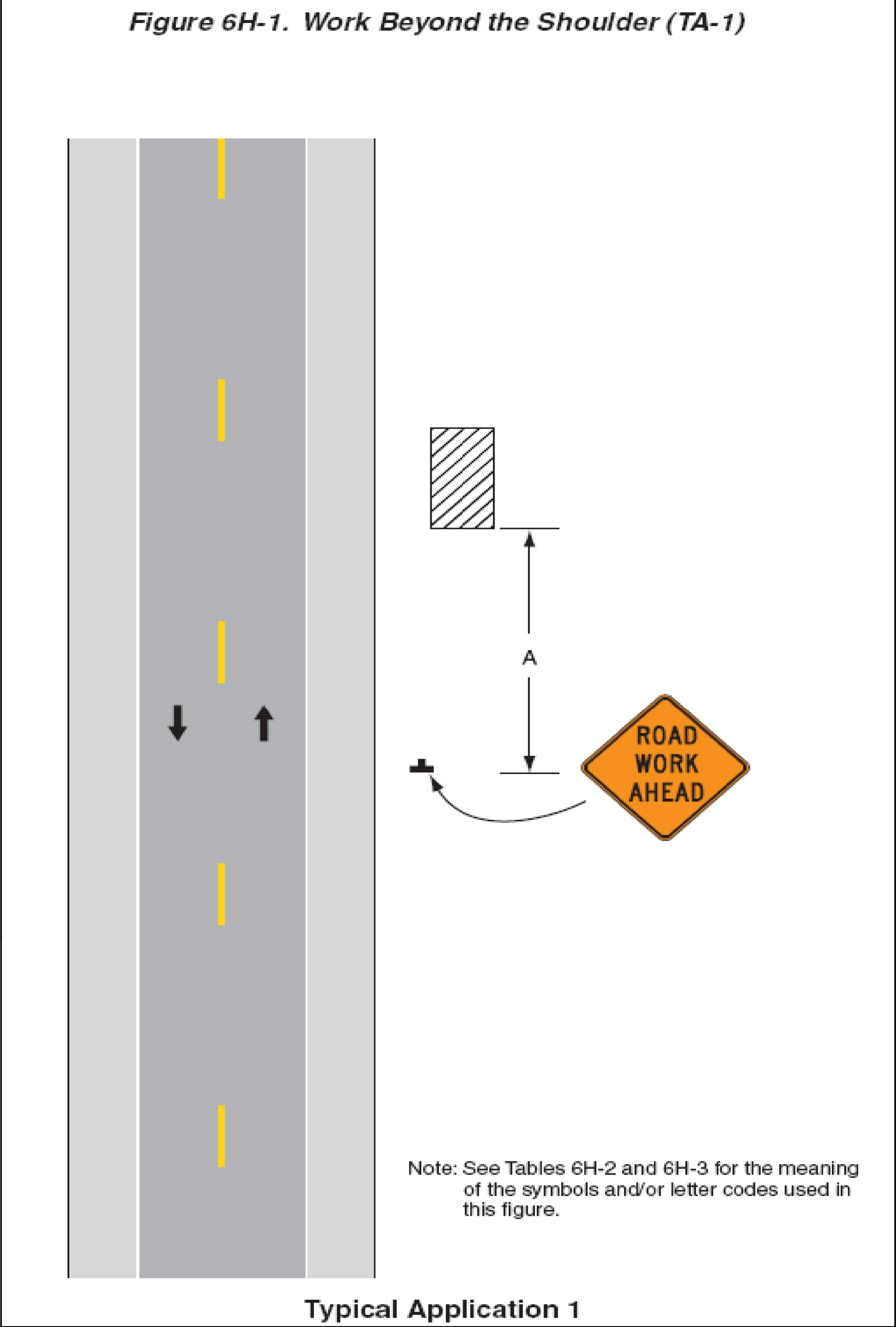
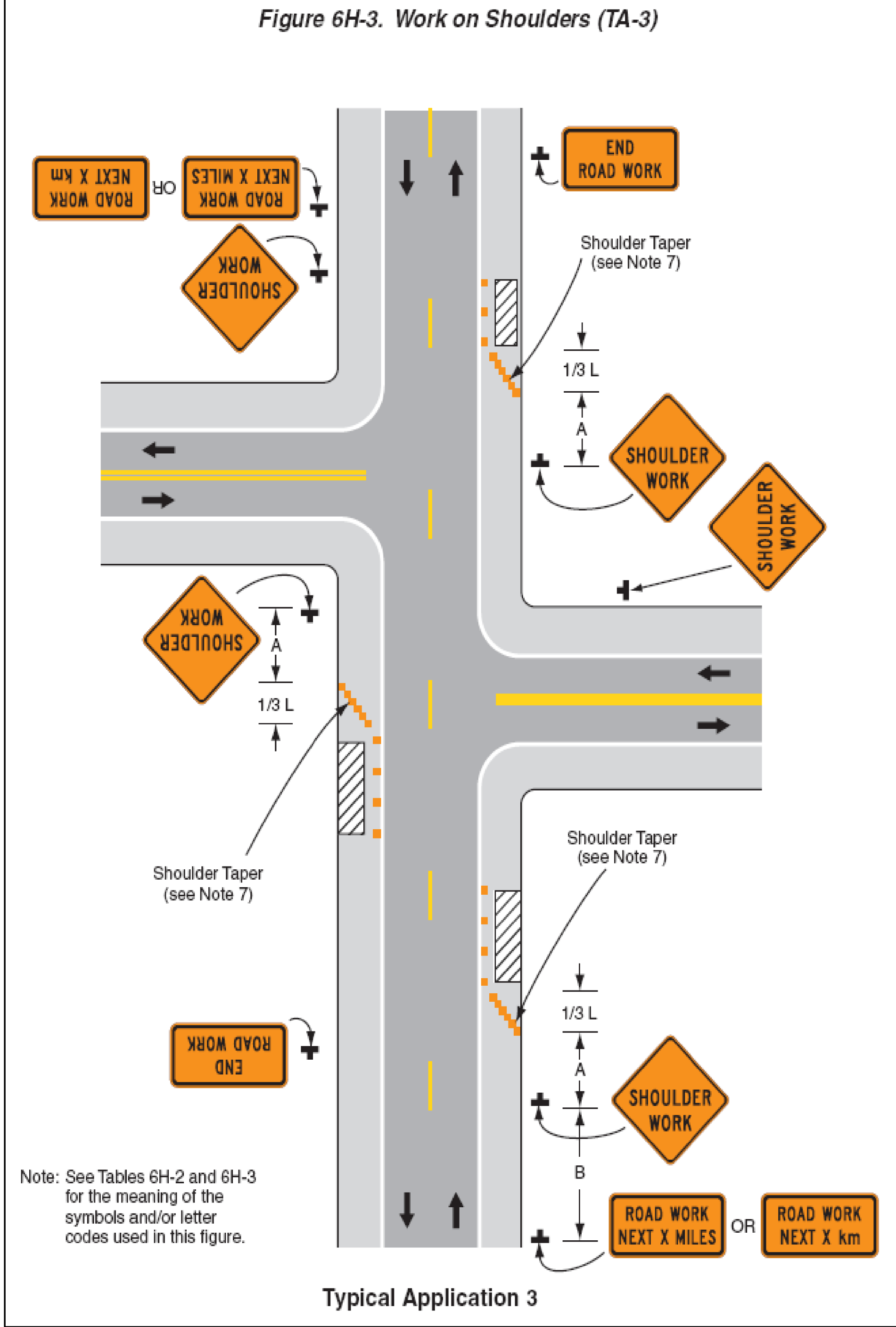


Table 6C-4. Formulas for Determining Taper Lengths

Speed Limit (S)	Taper Length (L) Meters	Speed Limit (S)	Taper Length (L) Feet
60 km/h or less	$L = \frac{WS^2}{155}$	40 mph or less	$L = \frac{WS^2}{60}$
70 km/h or more	$L = \frac{WS}{1.6}$	45 mph or more	$L = WS$

Where: L = taper length in meters (feet)
W = width of offset in meters (feet)
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in km/h (mph)



TRAFFIC CONTROL SHEET 2	PROJECT NAME:	BURLINGTON (CLASS I)
	PROJECT NUMBER:	STP 2722 (I)
	FILE NAME:	07d028.dgn
	PLOT DATE:	05-JUN-2014 11:22
	PROJECT LEADER:	CDL
	DRAWN BY:	SJL
	DESIGNED BY:	SJL
	CHECKED BY:	EPD
	PLOT FILE:	07d028_59.i
	SHEET	59 OF 61

Figure 6H-4. Short-Duration or Mobile Operation on Shoulder (TA-4)

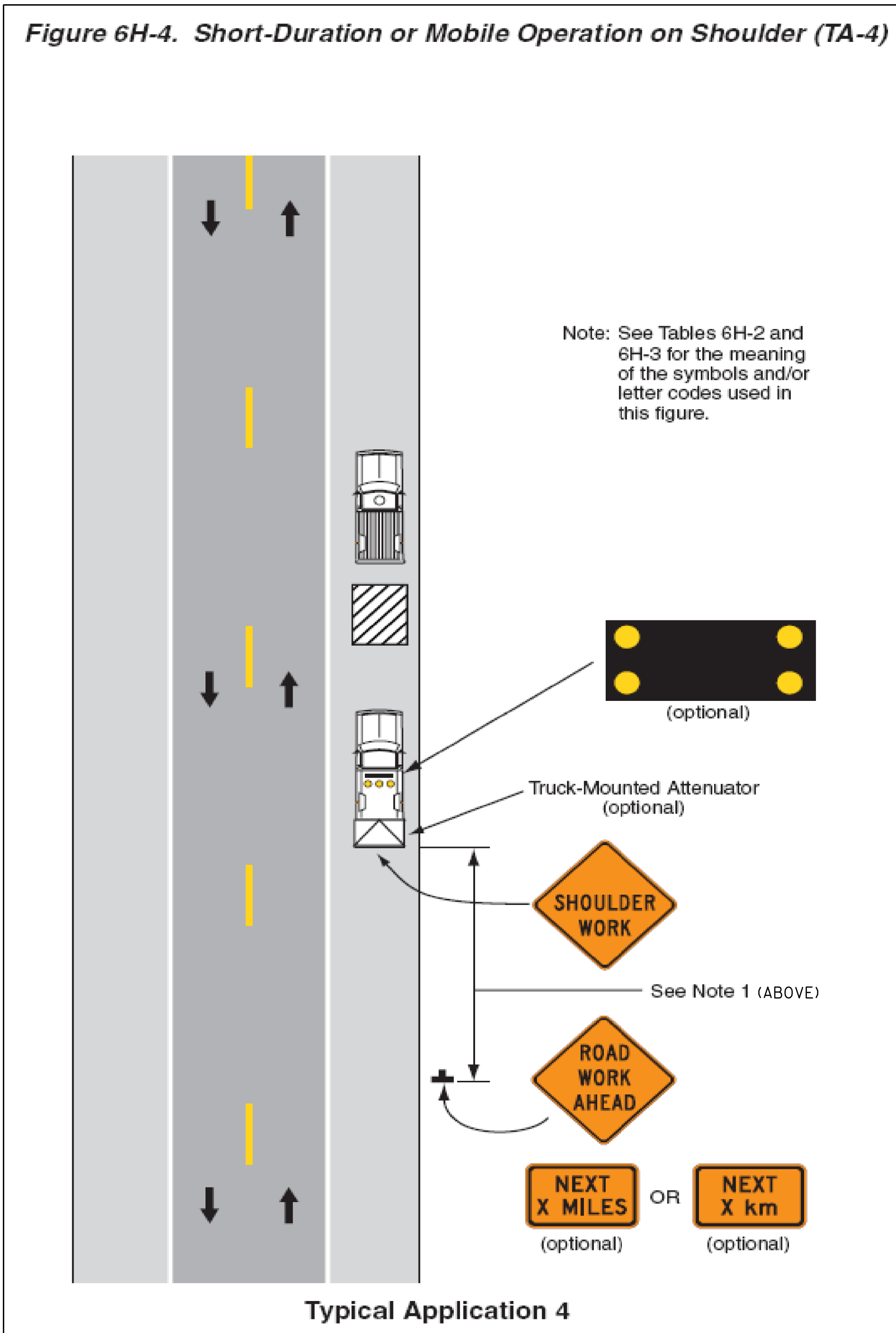


Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)

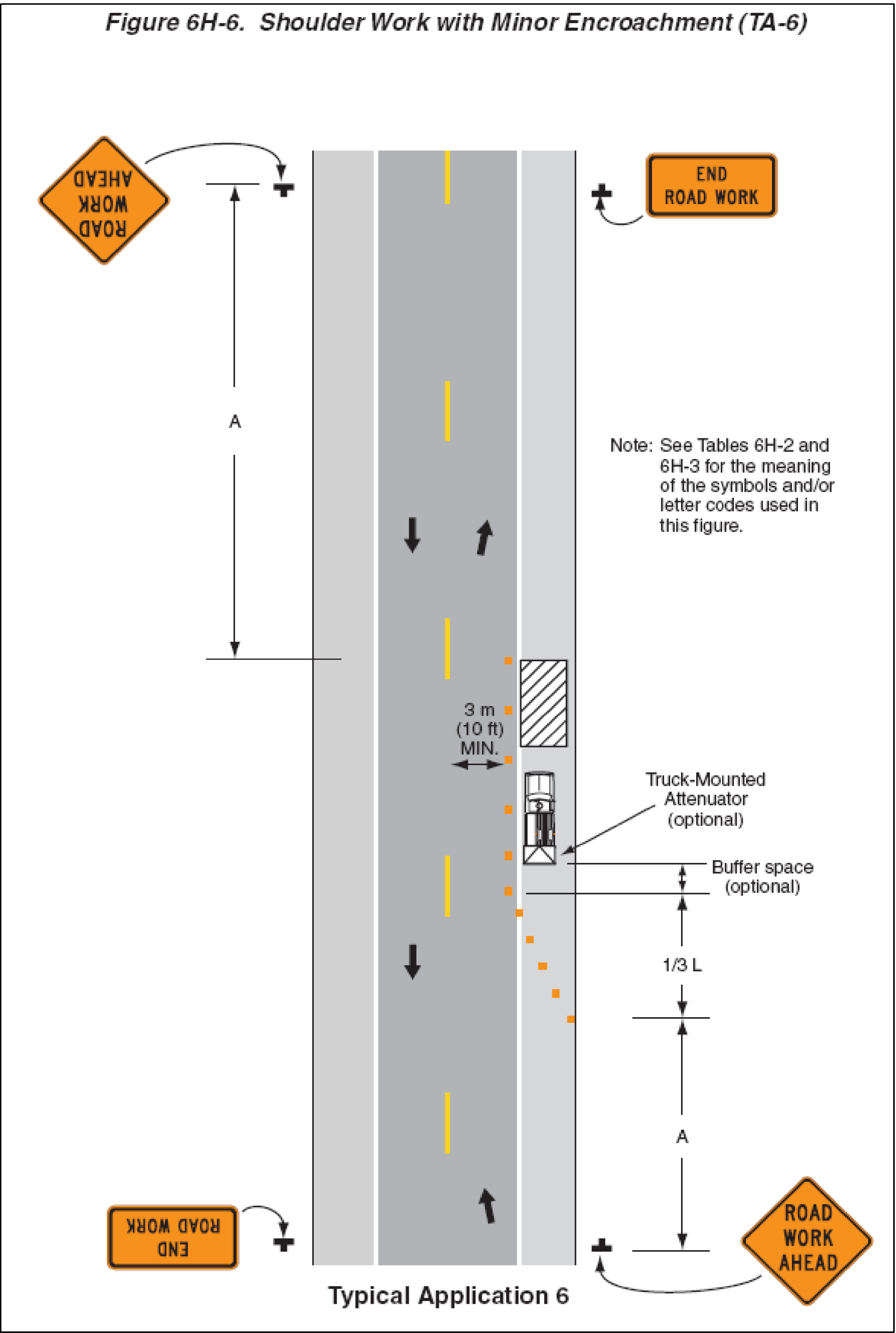
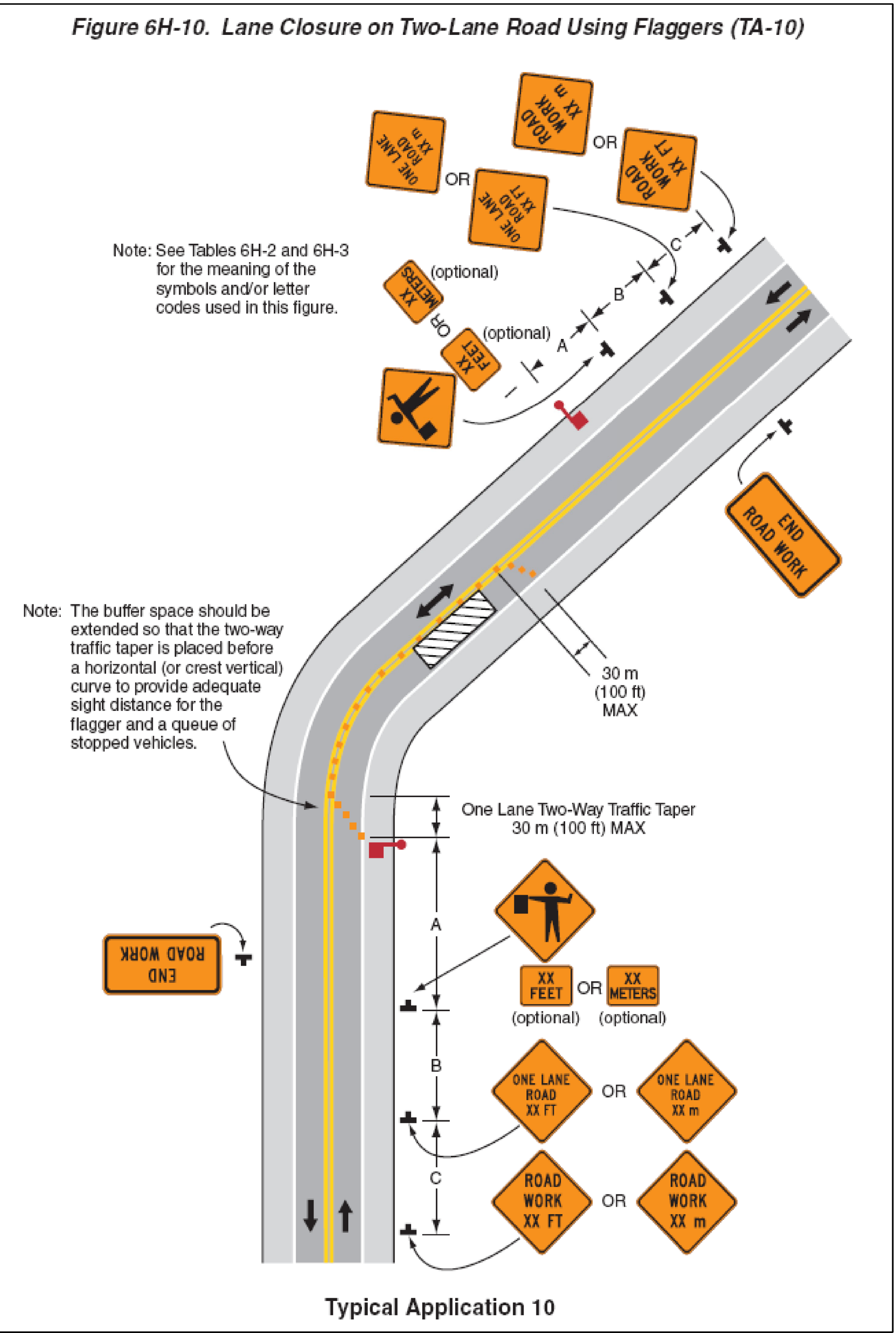


Figure 6H-10. Lane Closure on Two-Lane Road Using Flaggers (TA-10)



NOTES

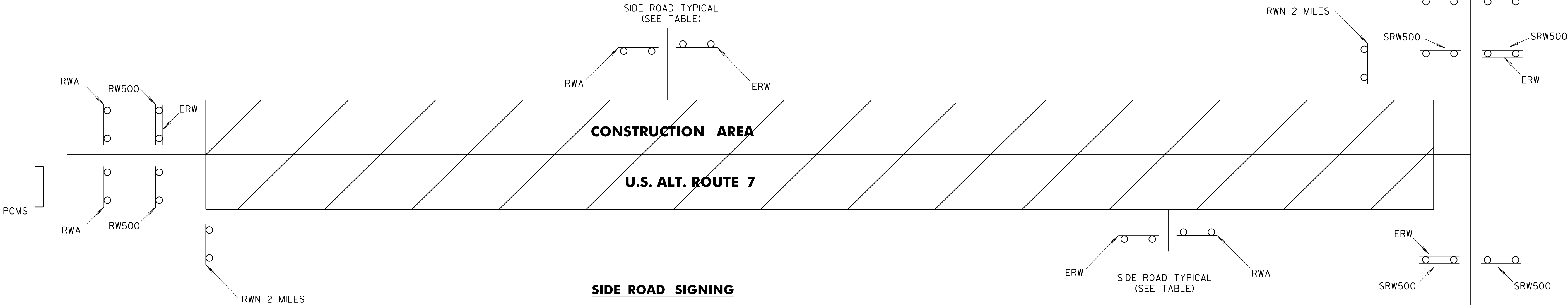
1. SEE NOTE ABOVE.
2. IF TRUCK MOUNTED ATTENUATOR IS REQUESTED BY RESIDENT ENGINEER OR CONTRACTOR, PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO ITEM 641.00 "TRAFFIC CONTROL".

**TRAFFIC
CONTROL
DETAILS
SHEET 3**

PROJECT NAME:	BURLINGTON (CLASS I)
PROJECT NUMBER:	STP 2722 (I)
FILE NAME:	07d028.dgn
PROJECT LEADER:	CDL
DESIGNED BY:	SJL
PLOT FILE:	07d028_60.i
PLOT DATE:	05-JUN-2014 11:22
DRAWN BY:	SJL
CHECKED BY:	EPD
SHEET	60 OF 61

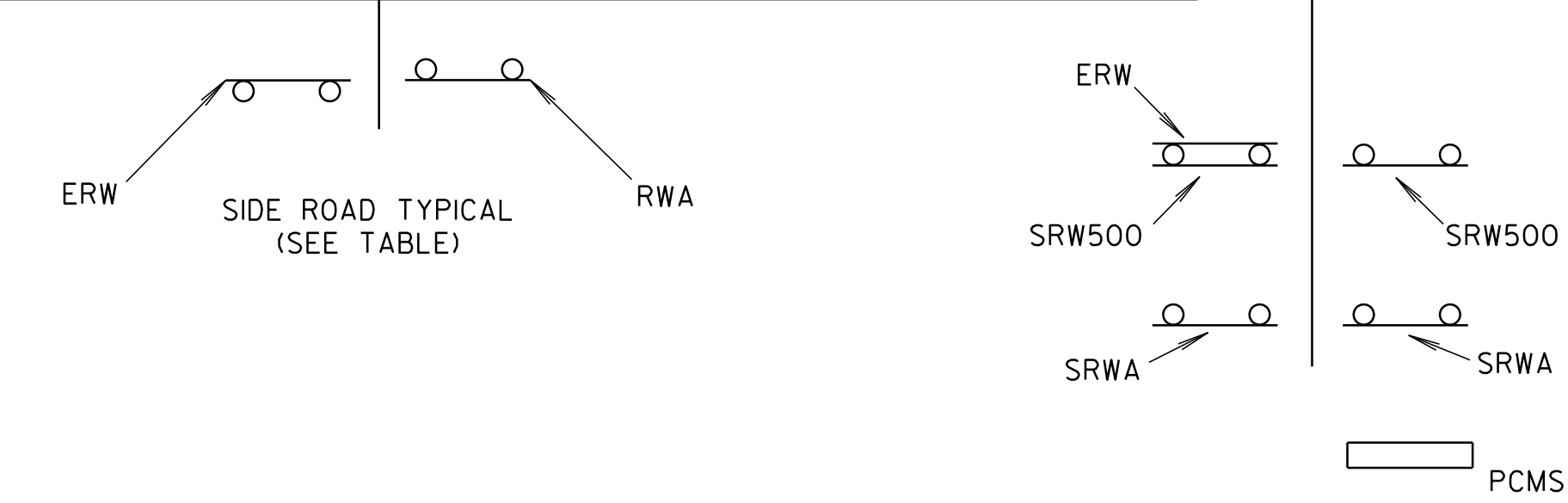
CONSTRUCTION APPROACH SIGNING

NOT TO SCALE
SEE STD E-100, E-100A AND E-103 FOR SIGN PLACEMENT



SIDE ROAD SIGNING

SIDE ROAD NAME	ROAD WORK AHEAD	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500 FT	END ROAD WORK	ROAD WORK 500 FT	ROAD WORK NEXT 2 MILES	PCMS
BURLINGTON							
BEGIN PROJECT (U.S. ALT. RT 7)	2			1	2	1	1
GOVE COURT	1			1			
LEDGE STREET	1			1			
LOCUST STREET	1			1			
SOUTH WILLARD STREET	1			1			
MARION STREET	1			1			
SOUTH UNION STREET	1			1			
CATHERINE STREET	1			1			
HOWARD STREET	2			2			
ST PAUL STREET	1			1			
SPRUCE STREET	2			2			
ELM TERRACE	1			1			
ADAMS STREET	2			2			
MAPLE STREET	2			2			
KING STREET	2			2			
MAIN STREET	2			2			
COLLEGE STREET	2			2			
BANK STREET	1			1			
BEUELL STREET				1			
CHERRY STREET	1			1			
PEARL STREET	2			2			
GRANT STREET	2			2			
NORTH STREET	2			2			
CROMBIE STREET	1			1			
DECATUR STREET	1			1			
NORTH UNION STREET	1						
ARCHIBALD STREET	2			2			
RIVERSIDE AVENUE	2	4	4				2
END PROJECT (U.S. ALT. RT 7)				2		1	
TOTAL	40	4	4	39	2	2	3



- NOTES:**
- THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC 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".
 - 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 SHEETS (SHEET 51- 53 OF THIS SET), VTRANS STANDARD E-103, AND PART 6 OF THE MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".
 - THE BID PRICE FOR "TRAFFIC CONTROL", ITEM 641.10, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TRUCK MOUNTED ATTENUATOR, 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, 646.622, 646.632, 646.642, 646.682, 646.692, AND
646.702 - TEMPORARY PAVEMENT MARKINGS
630.10 AND 630.15 - UNIFORMED TRAFFIC OFFICERS AND FLAGGERS
 - THREE (3) 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".
- 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.
- THE MUTCD 2009 SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
 - 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.
 - SEE THE TRAFFIC CONTROL DETAILS AND NOTES SHEET FOR ADDITIONAL INFORMATION REGARDING IMPLEMENTATION OF THE TEMPORARY TRAFFIC CONTROL DEVICES.

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

PROJECT NAME:	BURLINGTON (CLASS 1)
PROJECT NUMBER:	STP 2722 (1)
FILE NAME: 07d028.dgn	PLOT DATE: 05-JUN-2014 11:22
PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD
PLOT FILE: 07d028_61.i	SHEET 61 OF 61