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**VAOT STANDARDS**

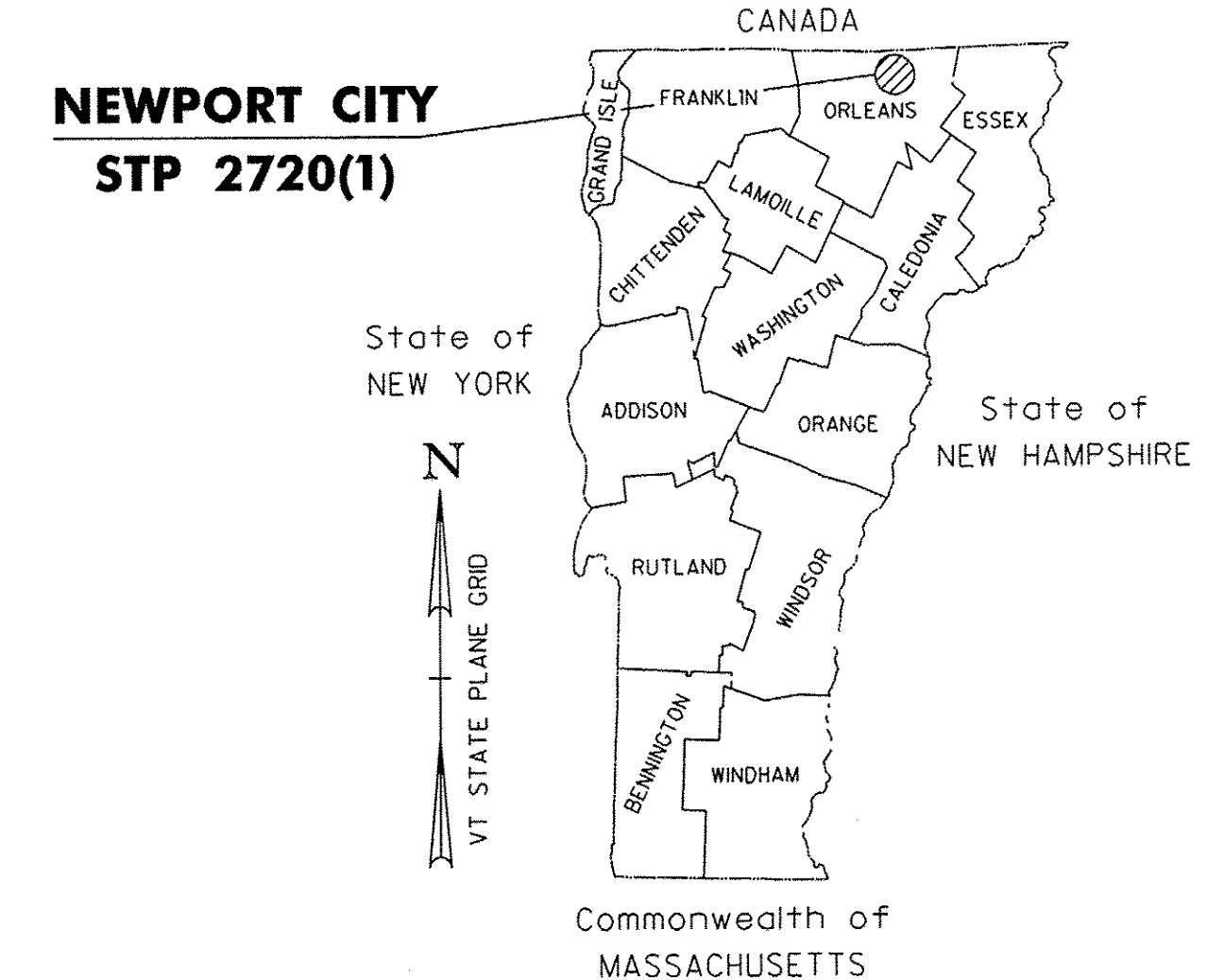
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- B-71 07-08-05
- D-6 06-01-94
- D-8 01-03-00
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- D-15 06-01-94
- D-16 06-01-94
- E-100 01-02-04
- E-100A 01-02-04
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- E-163 05-20-99
- E-164 06-08-09
- E-191 02-01-99
- E-192 10-12-00
- E-193 08-18-95

RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	KEVIN McCLURE
CONSTRUCTION BEGAN:	AUGUST 15, 2011
CONSTRUCTION COMPLETE:	OCTOBER 12, 2011
RECORD PLANS BY:	KEVIN McCLURE & JENNA HYDE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY <u>Kevin McClure</u>	RESIDENT ENGINEER
DATE <u>11/5/12</u>	
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT CLASS 1 TOWN HIGHWAY CITY OF NEWPORT COUNTY OF ORLEANS VERMONT ROUTE 105



BEGINNING AT THE NEWPORT TOWN/NEWPORT CITY TOWN LINE IN THE CITY OF NEWPORT AT STA. 0+00.00 (MM 0.000) AND EXTENDING EASTERLY ALONG VT ROUTE 105 FOR A DISTANCE OF 7,312.80 FEET (1.385 MILES) TO THE INTERSECTION OF PLEASANT STREET (U.S. ROUTE 5) AT STA. 73+12.80 (MM 1.385).

PROJECT DATA:	LENGTH (FEET)	LENGTH (MILES)
TOWN OF NEWPORT CITY		
VT ROUTE 105		
STA. 0+00.00 TO 73+12.80	7,312.80	1.385
MM 0.000 TO 1.385		
TOTAL LENGTH OF PROJECT:	7,312.80	1.385
TOTAL LENGTH OF ROADWAY:	7,312.80	1.385

**TRAFFIC DATA**

VT ROUTE 105

LOCATION	AADT		DHV		ESALS	
	2011	2021	2011	2021	2011-2021	2011-2031
BEGIN PROJECT TO ALDERBROOK ROAD	4700	5000	530	560	624,000	1,588,000
ALDERBROOK ROAD TO WEST MAIN STREET/ MEMPHREMAGOG VIEWS	5600	5800	630	650	683,000	1,716,000
WEST STREET/MEMPHREMAGOG VIEWS TO WEST END AVE.	4500	4600	510	520	863,000	1,878,000
WEST END AVE. TO END PROJECT	4800	5000	540	560	379,000	974,000

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH AN INTERMEDIATE COURSE AND WEARING COURSE, NEW PAVEMENT MARKINGS, SIGNS AND OTHER INCIDENTAL ITEMS.

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	939,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

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

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

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

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

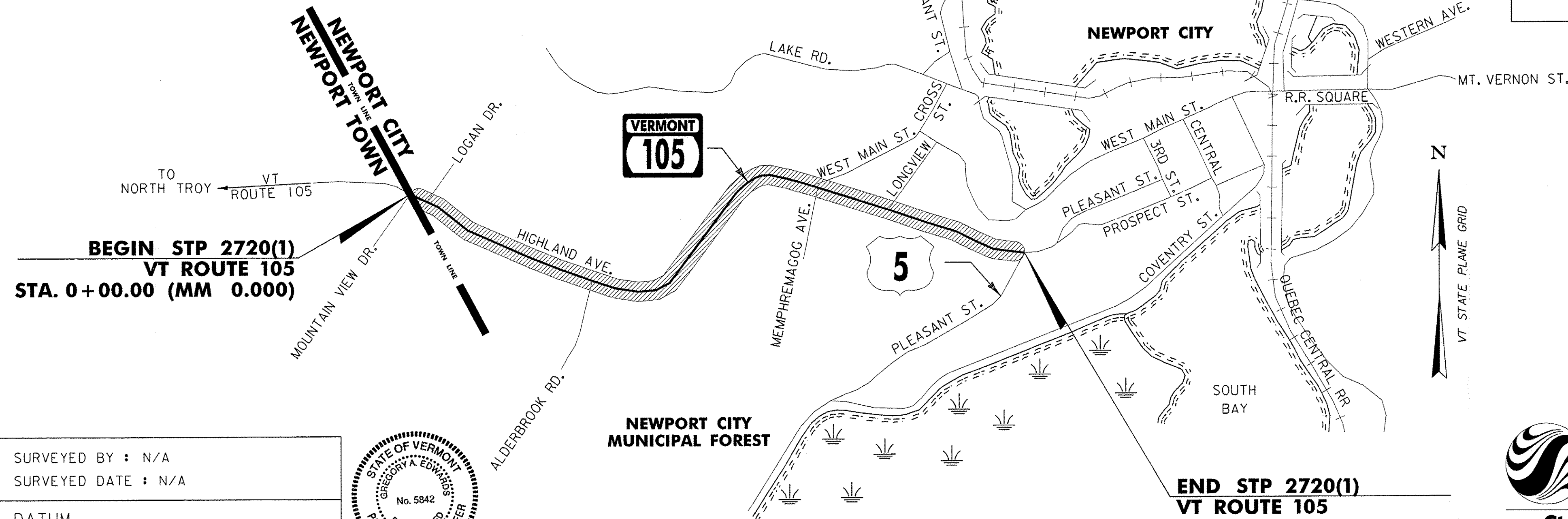
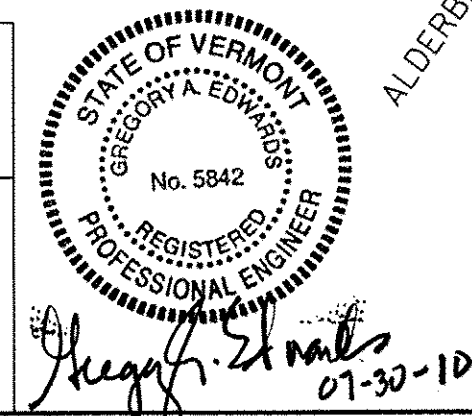
QUALITY ASSURANCE PROGRAM: LEVEL 3

**CONVENTIONAL SYMBOLS**

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

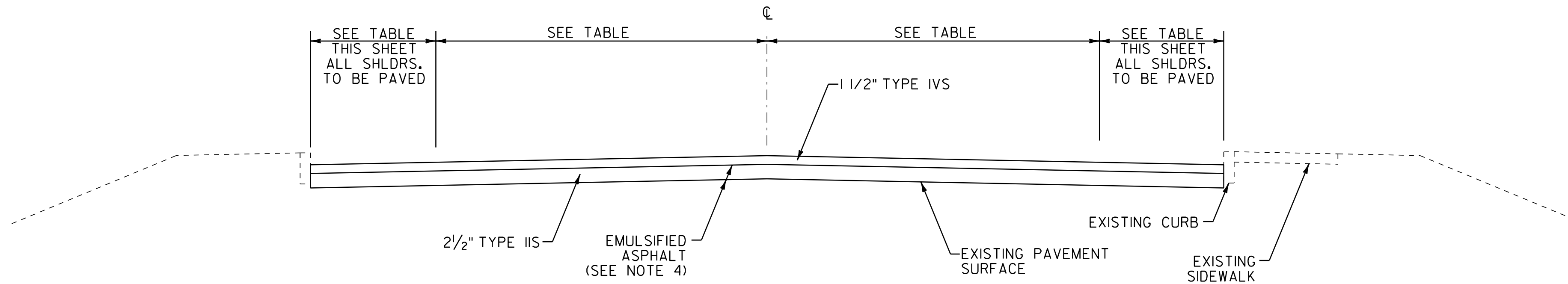
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DATUM  
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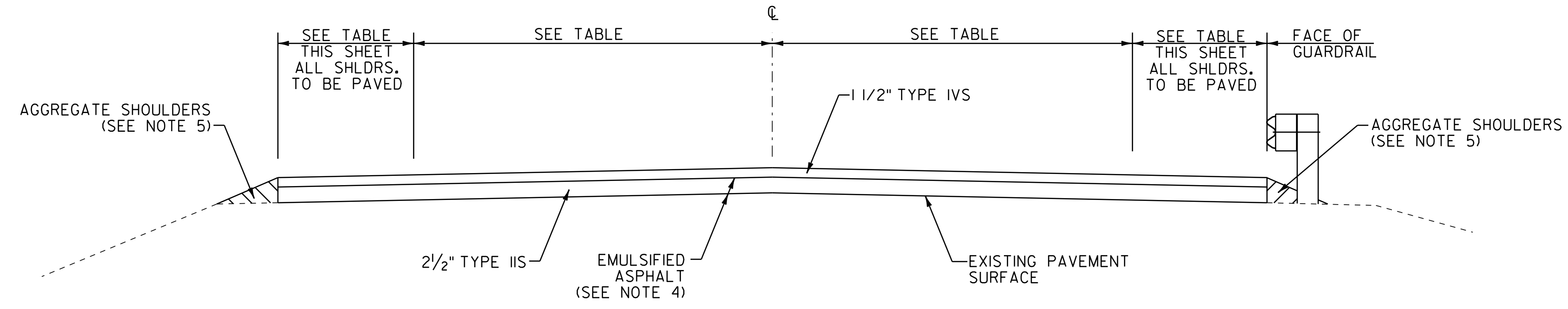
p07d204.dgn  
p07d204ts.1

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <u>Richard Thomas</u>	DATE <u>1-6-12</u>
PROJECT MANAGER: MICHAEL FOWLER	
PROJECT NAME : NEWPORT CITY	
PROJECT NUMBER : STP 2720(1)	
SHEET 1 OF 30 SHEETS	



**OVERLAY TYPICAL SECTION - CURBED**

VT ROUTE 105 NEWPORT CITY STA. 57+70 TO 73+12.80



**OVERLAY TYPICAL SECTION - UNCURBED**

VT ROUTE 105 NEWPORT CITY STA. 0+00.00 TO 57+70

**NOTES**

1. THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE 2 1/2" INTERMEDIATE COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IIS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
2. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. ITEM 402.12 AGGREGATE SHOULDERS SHALL BE USED TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER.
6. ALL PUBLIC, PRIVATE OR FIELD DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS EXCEPT ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS, WHETHER BY HAND OR MECHANICAL METHODS SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
7. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
8. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
9. A QUANTITY FOR ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN.

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
NEWPORT CITY VT ROUTE 105	0+00.00	0+62	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	0+62	4+50	2'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	4+50	5+00	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	5+00	15+00	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	15+00	16+08	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	16+08	22+14	2'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	22+14	22+64	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	22+64	34+50	2'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	34+50	35+00	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	35+00	39+50	1'-6" - 11'-0" - 11'-0" - 2'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	39+50	40+00	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	40+00	42+65	2'-6" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	42+65	43+15	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	43+15	47+37	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	47+37	50+00	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	50+00	56+16	1'-6" - 11'-0" - 11'-0" - 2'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	56+16	56+41	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	56+41	57+09	1'-6" - 11'-0" - 11'-0" - 1'-6"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	57+09	60+00	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	60+00	64+50	0'-6" - 11'-0" - 11'-0" - 1'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	64+50	65+00	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	65+00	69+75	0'-6" - 11'-0" - 11'-0" - 0'-6"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	69+75	71+23	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	71+23	71+53	1'-6" - 11'-0" - 11'-0" - 1'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	71+53	72+88	VARIES - SEE LAYOUT SHEETS	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.
NEWPORT CITY VT ROUTE 105	72+88	73+12.80	1'-6" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	-	PAVE WITH 2 1/2" TYPE IIS AND 1 1/2" TYPE IVS.

**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			

**NOTES**

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- FERTILIZER ITEM 651.18: 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 ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.



**PROJECT TYPICAL SHEET**

PROJECT NAME: NEWPORT CITY	PLOT DATE: 28-NOV-2012 14:5
PROJECT NUMBER: STP 2720(1)	DRAWN BY: STANTEC
FILE NAME: p07d204.dgn	CHECKED BY: STANTEC
PROJECT LEADER: JLL	SHEET 2 OF 30
DESIGNED BY: STANTEC	
IPARM FILE: p07d204pts.i	

# QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES				TOTALS		DESCRIPTIONS		
	ROADWAY	EROSION CONTROL	FULL C. E.	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND
	1			1	CY	COMMON EXCAVATION	203.15	0.1
	1			1	CY	SOLID ROCK EXCAVATION	203.16	0.4
	1			1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
	550			550	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	33
	1			1	CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.26	0.1
	230			230	TON	AGGREGATE SHOULDERS	402.12	6
	90			90	CWT	EMULSIFIED ASPHALT	404.65	2
	1			1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	EST.
	5200			5200	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	54
	1			1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	EST.
	13			13	EA	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
	12			12	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	EST.
	75			75	HR	POWER GRADER RENTAL	608.15	EST.
	75			75	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
	25			25	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
	40			40	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
	40			40	HR	TRUCK RENTAL	608.37	EST.
	40			40	HR	LOADER RENTAL, TYPE I	608.40	EST.
		360		360	CY	STONE FILL, TYPE I	613.10	6
		50		50	CY	STONE FILL, TYPE II	613.11	EST.
	15			15	LF	REMOVING AND RESETTING CURB	616.40	3
	9			9	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	0.9
	6			6	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	0.6
	24			24	SF	DETECTABLE WARNING SURFACE	618.30	-
	14			14	EA	YIELDING MARKER POSTS	619.17	-
	9			9	EA	ADJUST ELEVATION OF VALVE BOX	629.20	-
	900			900	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
	2700			2700	HR	FLAGGERS	630.15	EST.
			1	1	LS	FIELD OFFICE, ENGINEERS	631.10	-
			1	1	LS	TESTING EQUIPMENT, CONCRETE	631.16	-
			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	-
	2			2	EA	PORTABLE CHANGABLE MESSAGE SIGN	641.15	-

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING, BITUMINOUS PAVEMENT
440	SY	MAINLINE BEGIN/END APPROACHES
77	SY	SIDE ROAD APPROACHES
33	SY	ROUNDING
550	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
1855	TON	MAINLINE WEARING COURSE (TYPE IVS)
3091	TON	MAINLINE INTERMEDIATE COURSE (TYPE IIS)
75	TON	SIDE ROADS WEARING COURSE (TYPE IVS)
125	TON	SIDE ROADS INTERMEDIATE COURSE (TYPE IIS)
54	TON	ROUNDING
5200	TON	TOTAL
		STONE FILL, TYPE I
207	CY	DITCH CLEANING
147	CY	SLOPE REPAIR
6	CY	ROUNDING
360	CY	TOTAL

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn PLOT DATE: 28-NOV-2012 14:51  
PROJECT LEADER: JLL DRAWN BY: STANTEC  
DESIGNED BY: STANTEC CHECKED BY: STANTEC  
IPARM FILE: p07d204qs01.i SHEET 3 OF 30

# QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES				TOTALS		DESCRIPTIONS		
	ROADWAY	EROSION CONTROL	FULL C. E.	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND
						BEGIN OPTION AA		
	14600			14600	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	80
	14600			14600	LF	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	646.403	80
						END OPTION AA		
						BEGIN OPTION BB		
	14450			14450	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	72
	14450			14450	LF	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	646.413	72
						END OPTION BB		
						BEGIN OPTION CC		
	75			75	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	6
	75			75	LF	DURABLE 8 INCH WHITE LINE, EPOXY PAINT	646.443	6
						END OPTION CC		
						BEGIN OPTION DD		
	120			120	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	4
	120			120	LF	DURABLE 24 INCH STOP BAR, EPOXY PAINT	646.483	4
						END OPTION DD		
						BEGIN OPTION EE		
	20			20	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-
	20			20	EA	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-
						END OPTION EE		
						BEGIN OPTION FF		
	35			35	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	2
	35			35	LF	DURABLE CROSSWALK MARKING, EPOXY PAINT	646.503	2
						END OPTION FF		
	29200			29200	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	148
	28900			28900	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	144
	140			140	LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	2
	235			235	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	3
	40			40	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
	70			70	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	4
	760			760	EA	LINE STRIPING TARGETS	646.76	6
		1470		1470	SY	GEOTEXTILE UNDER STONE FILL	649.31	11
		80		80	LB	SEED	651.15	EST.
		500		500	LB	FERTILIZER	651.18	EST.
		2		2	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		2		2	TON	HAY MULCH	651.25	EST.
		50		50	CY	TOPSOIL	651.35	EST.

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		GEOTEXTILE UNDER STONE FILL
933	CY	DITCH CLEANING
526	CY	SLOPE REPAIR
11	CY	ROUNDING
1470	CY	TOTAL

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204qs02.i

PLOT DATE: 28-NOV-2012 14:51  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 4 OF 30

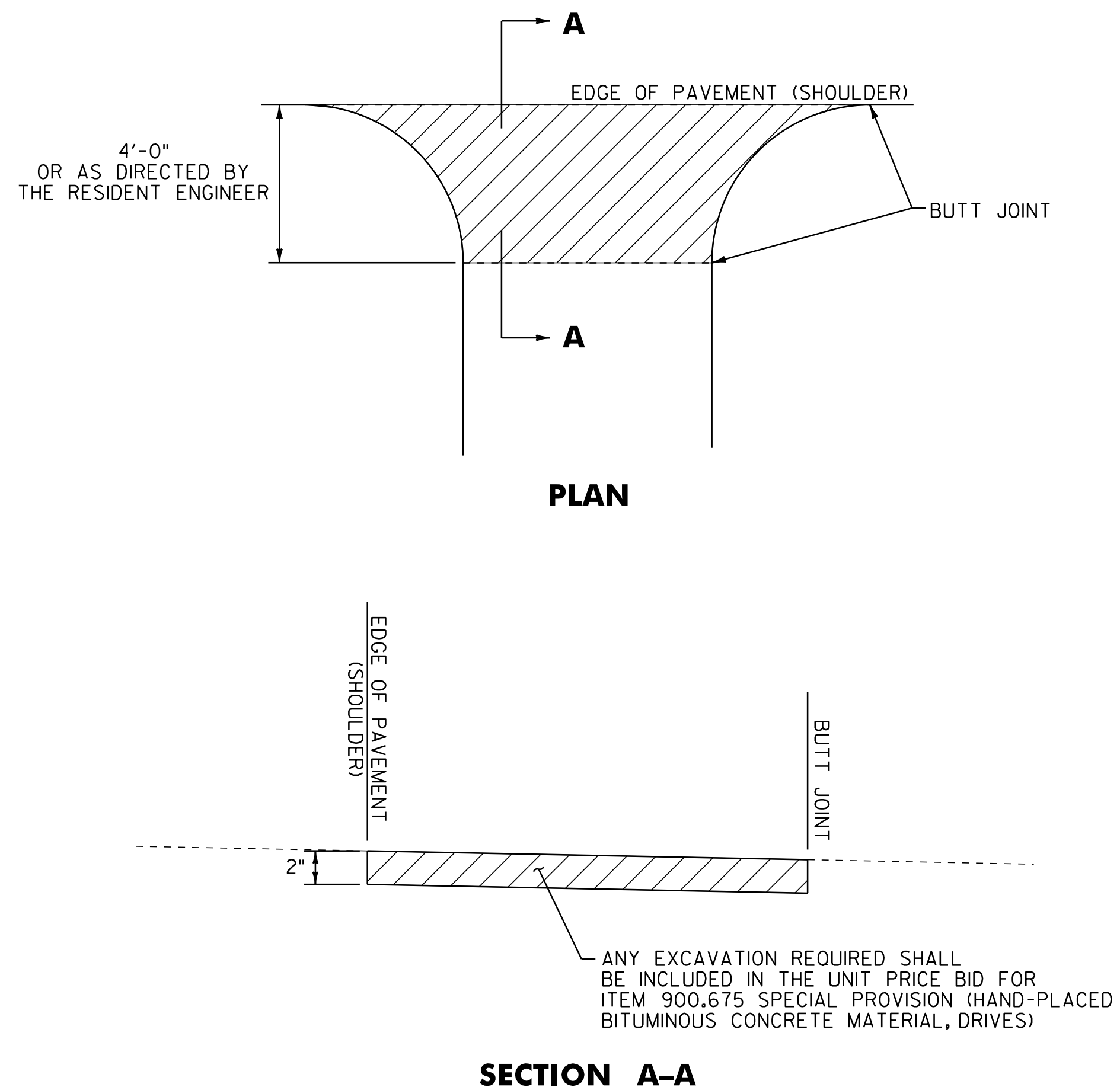




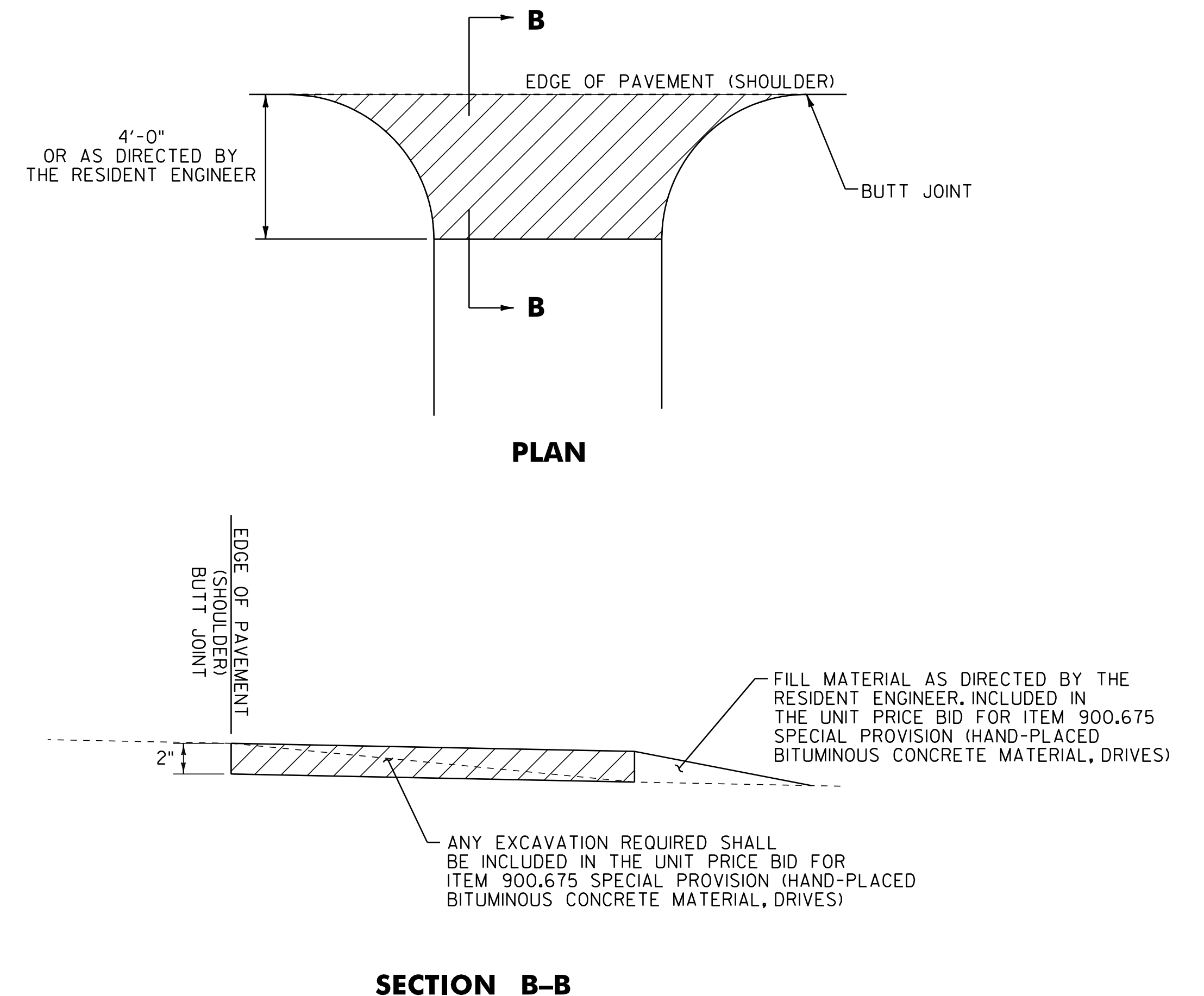
STATION	POSITION	QUANTITY (SY)
<b>VT ROUTE 105</b>		
10+94	LT	10
16+30	LT	18
23+58	RT	80
31+99	RT	13
33+62	RT	21
34+00	LT	6
39+14	LT	14
41+29	LT	12
43+34	LT	+2 39.0
43+90	LT	6
44+80	RT	<del>30</del> 65.8
44+90	LT	11
45+53	LT	16
47+02	LT	25
51+49	RT	14
51+97	RT	17
53+98	RT	6
55+39	LT	19
57+43	RT	-4 10.9
58+09	RT	-7 10.7
58+80	RT	-9 18.1
60+45	RT	-6 7.6
62+63	RT	-7 7.8
63+18	RT	++ 9.8
63+64	RT	-7 15
65+66	RT	7
70+09	RT	-9 45.2
70+89	RT	-2+
71+42	RT	-10
SUBTOTAL		<del>428</del>
ROUNDING		-2
TOTAL		430 268

} 38.4

ALL OTHER DRIVES WERE PAVED WITH THE PAVER DURING THE WEAR COURSE PLACEMENT



**HANDWORK DETAILS FOR PAVED DRIVES**




**HANDWORK DETAILS FOR GRAVEL DRIVES**

**NOTES:**

- PAVING LIFT SHALL BE A MINIMUM OF 1 1/2 " AND A MAXIMUM OF 2".
- THE COST OF PROVIDING AND 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 INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

**LEGEND**

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



**DRIVE  
DETAIL  
SHEET**

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204ds.i

PLOT DATE: 28-NOV-2012 14:51  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 7 OF 30



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR SIDE ROADS)  
 STA. 0+00 TO 3+50, SOLID LT & RT  
 STA. 1+48, SOLID LT (LOGAN DRIVE)  
 STA. 0+32 RT MOUNTAIN VIEW DR.

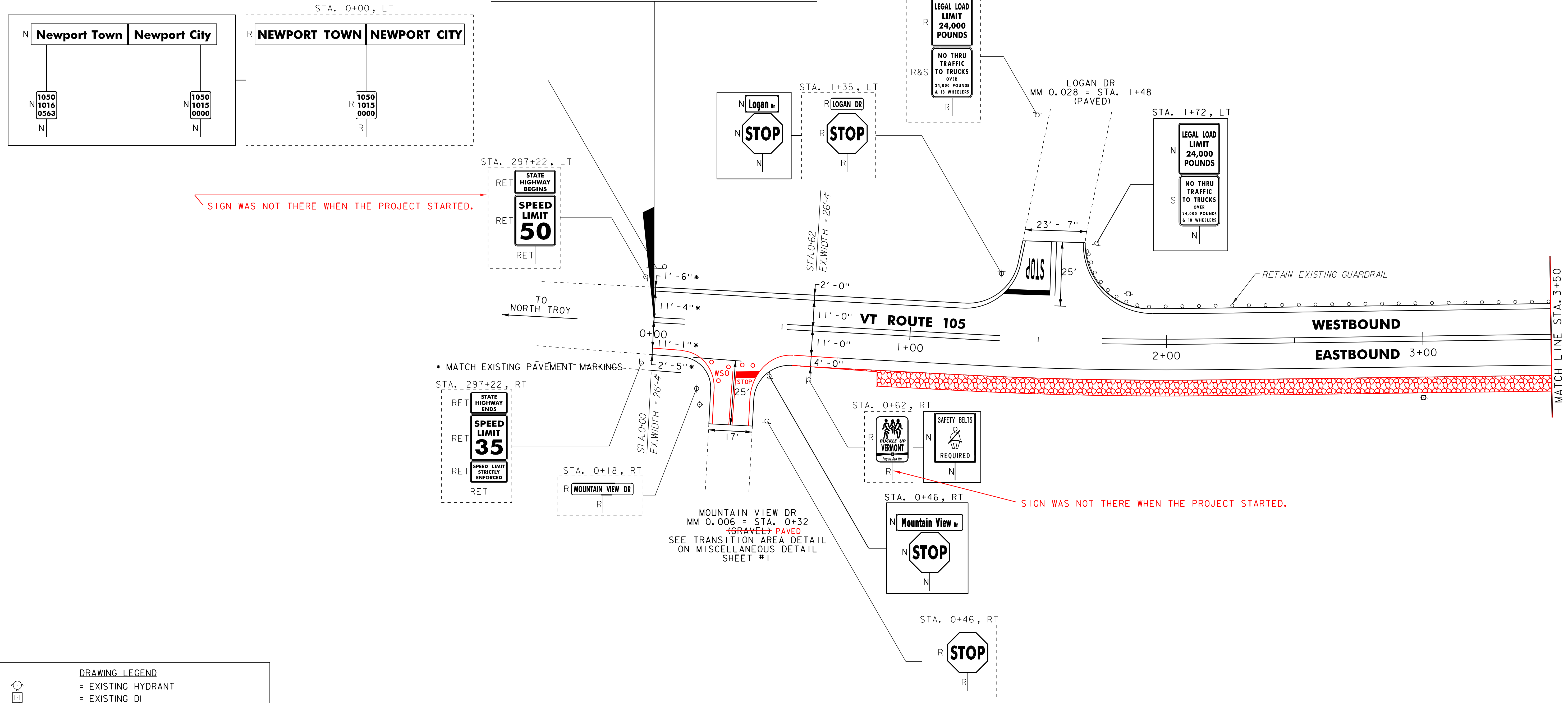
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 0+00 TO 3+50, SOLID LT & RT  
 STA. 1+48, DOUBLE SOLID LT (LOGAN DRIVE)  
 STA. 0+32 MOUNTAIN VIEW DR.

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC OR  
 646.483 DURABLE 24 INCH STOP BAR, EPOXY PAINT  
 STA. 1+48, LT (LOGAN DRIVE)  
 STA. 0+32 RT MOUNTAIN VIEW DR.  
 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR  
 646.493 DURABLE LETTER OR SYMBOL, EPOXY PAINT  
 STA. 1+48, LT (LOGAN DRIVE) - "STOP"  
 STA. 0+32 RT MOUNTAIN VIEW DR. "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADIUS FOR SIDE ROADS)  
 STA. 0+00 TO 3+50, SOLID LT & RT  
 STA. 1+48, SOLID LT (LOGAN DRIVE)  
 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 0+00 TO 3+50, SOLID LT & RT  
 STA. 1+48, DOUBLE SOLID LT (LOGAN DRIVE)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
 STA. 1+48, LT (LOGAN DRIVE)  
 646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 STA. 1+48, LT (LOGAN DRIVE) - "STOP"  
 675.50 REMOVING SIGNS  
 AS SHOWN - 9-8  
 675.60 ERECTING SALVAGED SIGNS  
 AS SHOWN - 1  
 629.20 ADJUST ELEVATION OF VALVE BOX  
 MOUNTAIN VIEW DRIVE - 5  
 613.10 STONE FILL, TYPE 1  
 STA. 0+87 TO 3+50 RT

**BEGIN STP 2720(1) VT ROUTE 105  
 NEWPORT CITY STA. 0+00.00 = MM 0.000**



**DRAWING LEGEND**

	= EXISTING HYDRANT
	= EXISTING DI
	= EXISTING MANHOLE
	= EXISTING SIGN POSTS
	= EXISTING CONCRETE/STONE HEADWALL
	= EXISTING SEWER MANHOLE
	= EXISTING WATER SHUTOFF
	= EXISTING MAILBOX
	= EXISTING UTILITY POLE
	= EXISTING GUARDRAIL
	= EXISTING CULVERT

**SIGN LEGEND**

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

**NOT TO SCALE**

**PROJECT LAYOUT SHEET #1**

NOTE: ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

PROJECT NAME: NEWPORT CITY	FILE NAME: p07d204.dgn	PLOT DATE: 28-NOV-2012 14:5
PROJECT NUMBER: STP 2720(1)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC
	IPARM FILE: p07d204101.i	SHEET 9 OF 30

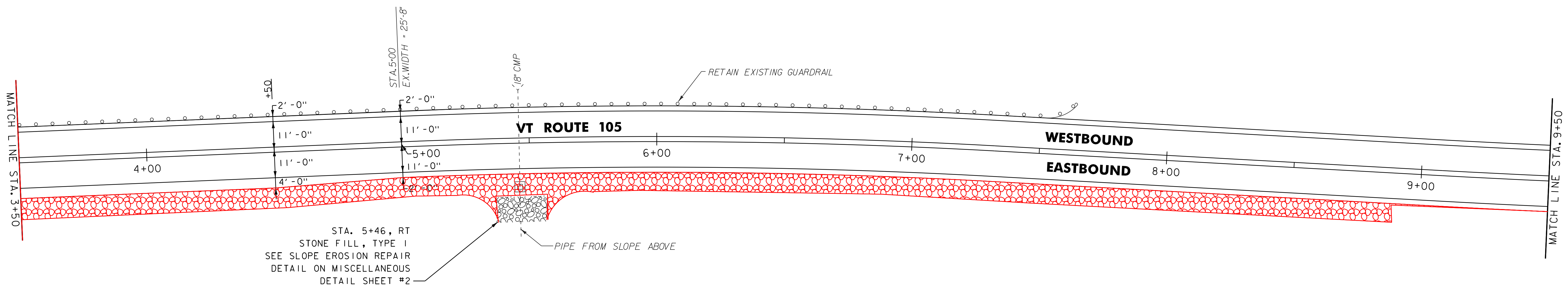


604.40 CHANGING ELEVATION OF Dis., CBs OR MHS  
STA. 5+46, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
RADIi FOR SIDE ROADS)  
STA. 3+50 TO 9+50, SOLID LT & RT  
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
(ALL LINES WILL INCLUDE Q BREAKS FOR SIDE ROADS)  
STA. 3+50 TO 9+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
RADIi FOR SIDE ROADS)  
STA. 3+50 TO 9+50, SOLID LT & RT  
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE Q BREAKS FOR SIDE ROADS)  
STA. 3+50 TO 9+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS  
STA. 5+46 LT & RT - 2  
613.10 STONE FILL, TYPE 1,  
STA. 3+50 TO 8+85 RT



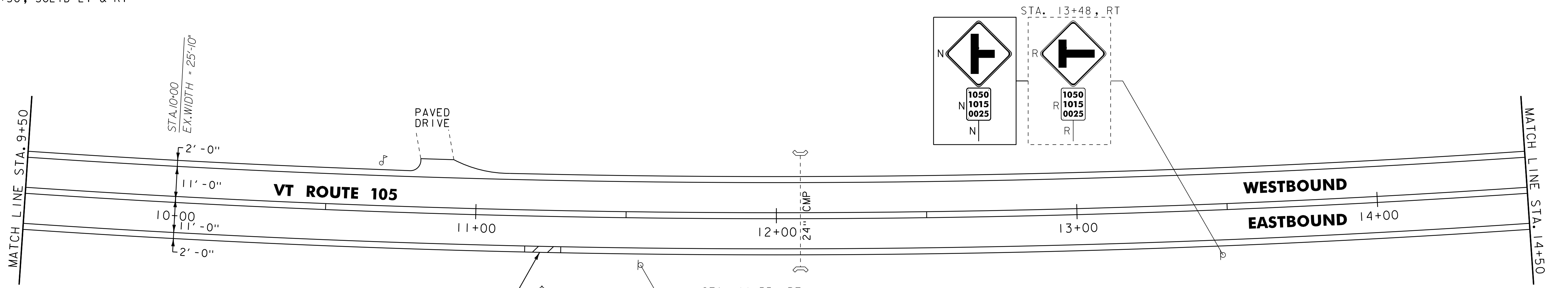
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
RADIi FOR SIDE ROADS)  
STA. 9+50 TO 14+50, SOLID LT & RT  
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
(ALL LINES WILL INCLUDE Q BREAKS FOR SIDE ROADS)  
STA. 9+50 TO 14+50, SOLID LT & RT

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC OR  
646.443 DURABLE 8 INCH WHITE LINE, EPOXY PAINT  
STA. 11+17 TO TO 11+29, RT

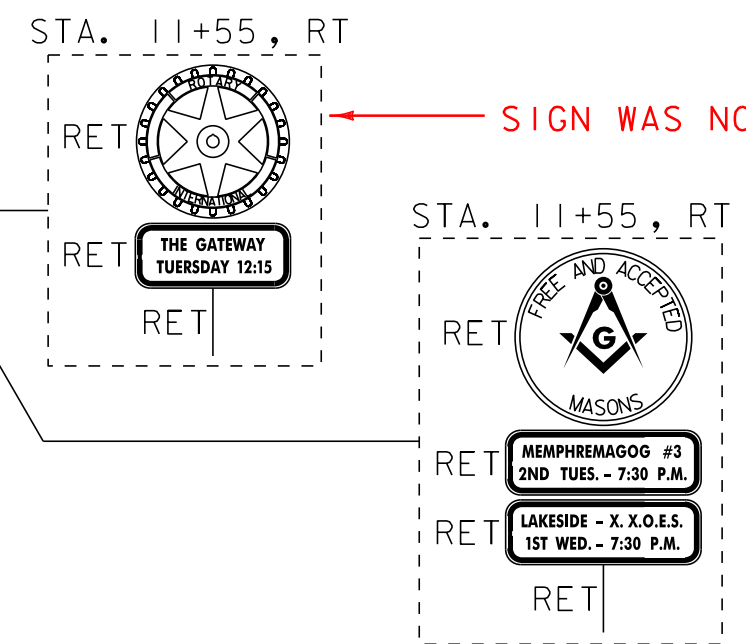
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
RADIi FOR SIDE ROADS)  
STA. 9+50 TO 14+50, SOLID LT & RT  
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE Q BREAKS FOR SIDE ROADS)  
STA. 9+50 TO 14+50, SOLID LT & RT

646.642 TEMPORARY 8 INCH WHITE LINE, PAINT  
STA. 11+17 TO TO 11+29, RT  
675.50 REMOVING SIGNS  
AS SHOWN - 2

619.17 YIELDING MARKER POSTS  
STA. 12+08 LT - 1



STA. 11+23, RT  
SEE FIRE HYDRANT PAVEMENT  
MARKING DETAIL ON MISCELLANEOUS  
DETAIL SHEET #2



NOTE:  
1. FOR LEGENDS, SEE LAYOUT SHEET #1.  
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

<p><b>PROJECT LAYOUT SHEET #2</b></p>	<p>PROJECT NAME: NEWPORT CITY</p> <p>PROJECT NUMBER: STP 2720(1)</p>
	<p>FILE NAME: p07d204.dgn</p> <p>PROJECT LEADER: JLL</p> <p>DESIGNED BY: STANTEC</p> <p>IPARM FILE: p07d204i02.i</p>
<p>PLOT DATE: 28-NOV-2012 14:55</p> <p>DRAWN BY: STANTEC</p> <p>CHECKED BY: STANTEC</p> <p>SHEET 10 OF 30</p>	



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 14+50 TO 20+50, SOLID LT & RT  
 STA. 15+73, SOLID RT (ALDERBROOK ROAD)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 14+50 TO 20+50, SOLID LT & RT  
 STA. 15+73, DOUBLE SOLID RT (ALDERBROOK ROAD)

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC OR  
 646.443 DURABLE 8 INCH WHITE LINE, EPOXY PAINT  
 STA. 18+44 TO TO 18+56, RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC OR  
 646.483 DURABLE 24 INCH STOP BAR, EPOXY PAINT  
 STA. 15+73, RT (ALDERBROOK ROAD)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR  
 646.493 DURABLE LETTER OR SYMBOL, EPOXY PAINT  
 STA. 15+73, RT (ALDERBROOK ROAD) - "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 14+50 TO 20+50, SOLID LT & RT  
 STA. 15+73, SOLID RT (ALDERBROOK ROAD)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 14+50 TO 20+50, SOLID LT & RT  
 STA. 15+73, DOUBLE SOLID RT (ALDERBROOK ROAD)

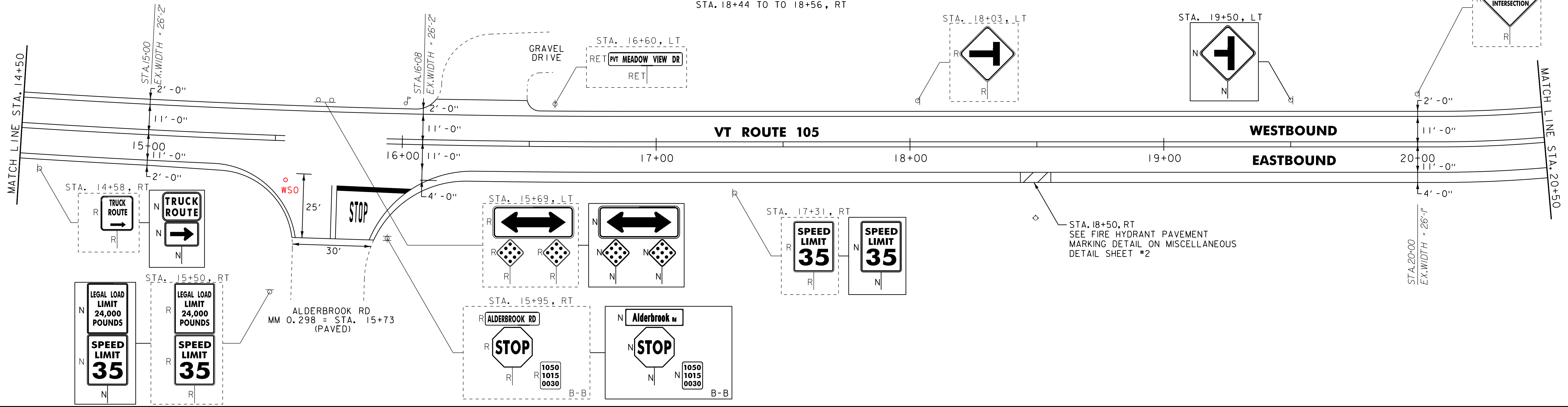
646.642 TEMPORARY 8 INCH WHITE LINE, PAINT  
 STA. 18+44 TO TO 18+56, RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
 STA. 15+73, RT (ALDERBROOK ROAD)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 STA. 15+73, RT (ALDERBROOK ROAD) - "STOP"

675.50 REMOVING SIGNS  
 AS SHOWN - 12

629.20 ADJUST ELEVATION OF VALVE BOX  
 ALDERBROOK ROAD - I



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 20+50 TO 26+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 20+50 TO 26+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 20+50 TO 26+50, SOLID LT & RT

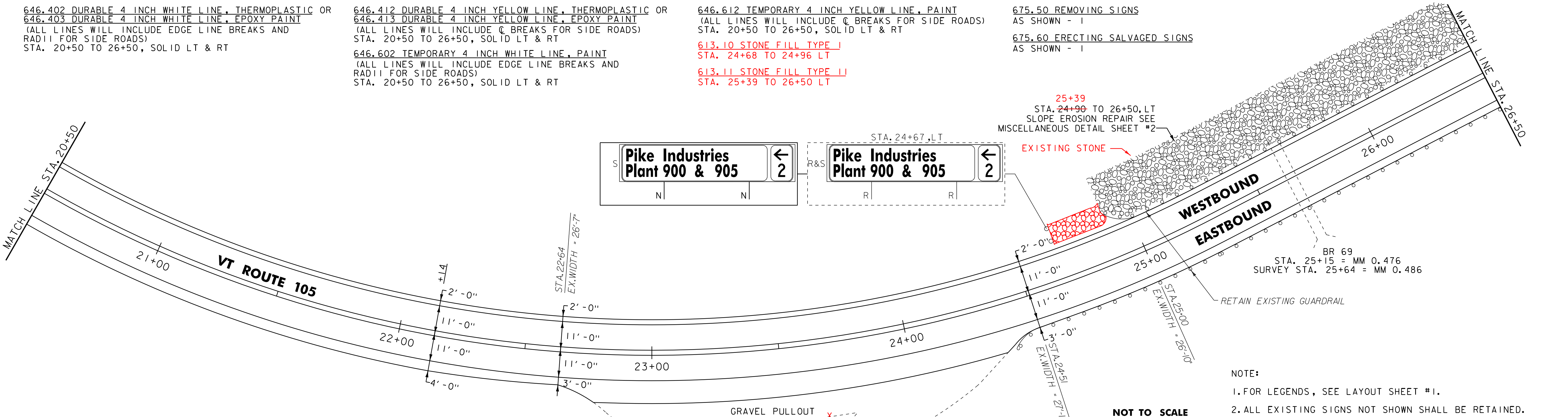
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 20+50 TO 26+50, SOLID LT & RT

613.10 STONE FILL TYPE I  
 STA. 24+68 TO 24+96 LT

613.11 STONE FILL TYPE II  
 STA. 25+39 TO 26+50 LT

675.50 REMOVING SIGNS  
 AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS  
 AS SHOWN - 1



NOTE:  
 1. FOR LEGENDS, SEE LAYOUT SHEET #1.  
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

**PROJECT LAYOUT SHEET #3**



PROJECT NAME: NEWPORT CITY  
 PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: STANTEC  
 IPARM FILE: p07d204103.i

PLOT DATE: 28-NOV-2012 14:55  
 DRAWN BY: STANTEC  
 CHECKED BY: STANTEC  
 SHEET 11 OF 30

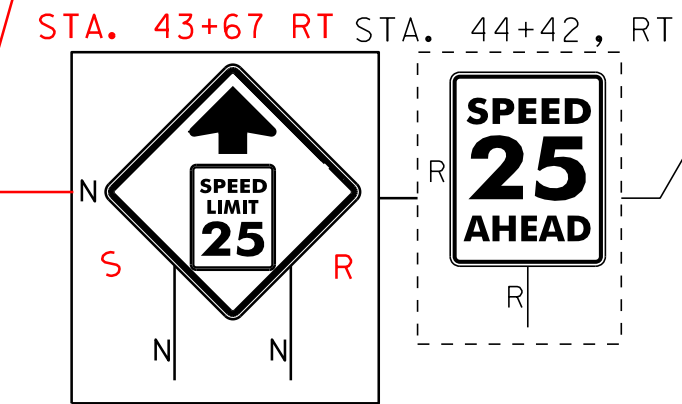
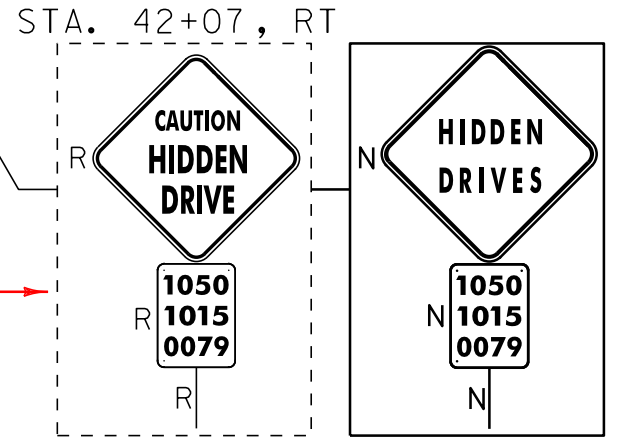
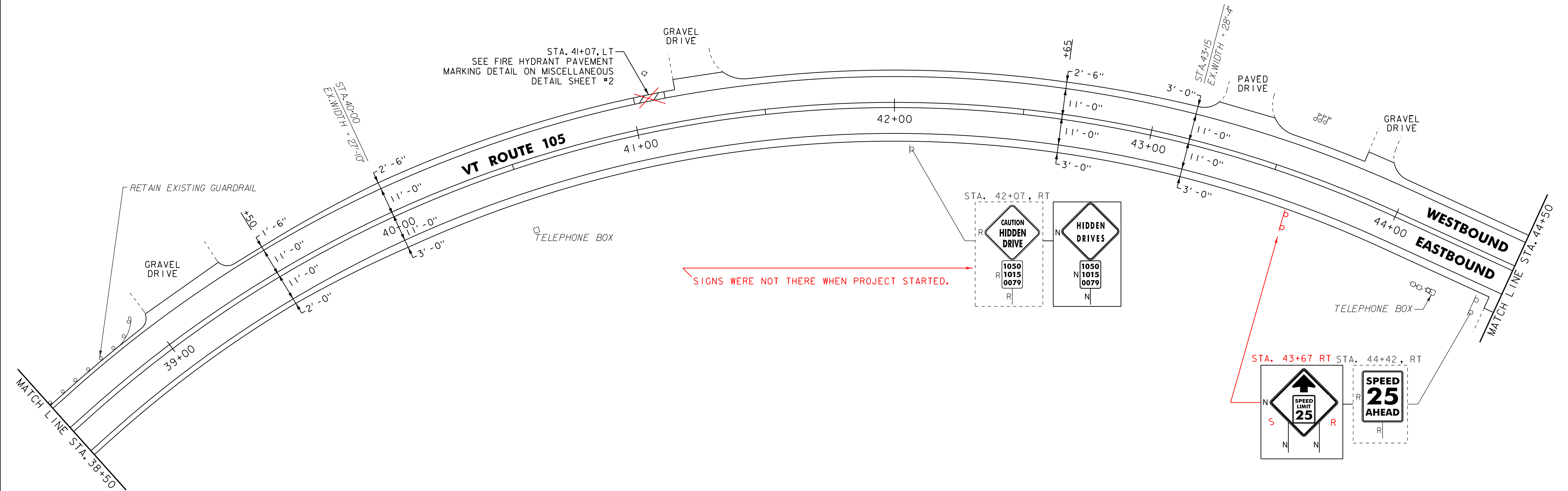


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 38+50 TO 44+50, SOLID LT & RT  
 646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE Q BREAKS FOR SIDE ROADS)  
 STA. 38+50 TO 44+50, SOLID LT & RT  
 646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC OR  
 646.443 DURABLE 8 INCH WHITE LINE, EPOXY PAINT  
 STA. 41+01 TO TO 41+13, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 38+50 TO 44+50, SOLID LT & RT  
 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE Q BREAKS FOR SIDE ROADS)  
 STA. 38+50 TO 44+50, SOLID LT & RT  
 646.642 TEMPORARY 8 INCH WHITE LINE, PAINT  
 STA. 41+01 TO TO 41+13, LT

675.50 REMOVING SIGNS  
 AS SHOWN - 3  
 4

NOT INSTALLED AS HYDRANT WAS  
 CLOSER TO DRIVE THAN SHOWN.



- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
  2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

<b>PROJECT LAYOUT SHEET #5</b>	<b>NOT TO SCALE</b>	
	PROJECT NAME: NEWPORT CITY PROJECT NUMBER: STP 2720(1)	FILE NAME: p07d204.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC <b>IPARM FILE: p07d204105.i</b>
PLOT DATE: 28-NOV-2012 14:5		DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 13 OF 30



**604.42 CHANGING ELEVATION OF SEWER MANHOLES**

STA. 48+95, LT (WEST MAIN STREET)  
STA. 48+99, RT

**646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT**

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)  
STA. 44+50 TO 50+50, SOLID LT & RT  
STA. 48+18, SOLID LT (WEST MAIN STREET)  
STA. 48+69, SOLID RT (MEMPHREMAGOG VIEWS)

**616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS**

STA. 45+14 TO 46+42, RT  
48+30 RT

**646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT**

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
STA. 44+50 TO 50+50, SOLID LT & RT  
STA. 48+18, DOUBLE SOLID LT (WEST MAIN STREET)  
STA. 48+69, DOUBLE SOLID RT (MEMPHREMAGOG VIEWS)

**646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC OR  
646.443 DURABLE 8 INCH WHITE LINE, EPOXY PAINT**

STA. 45+04 TO 45+16, LT  
646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC OR  
646.483 DURABLE 24 INCH STOP BAR, EPOXY PAINT  
STA. 48+18, LT (WEST MAIN STREET)  
STA. 48+69, RT (MEMPHREMAGOG VIEWS)

**646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR  
646.493 DURABLE LETTER OR SYMBOL, EPOXY PAINT**

STA. 48+18, LT (WEST MAIN STREET) - "STOP"  
STA. 48+69, RT (MEMPHREMAGOG VIEWS) - "STOP"

**646.602 TEMPORARY 4 INCH WHITE LINE, PAINT**

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)  
STA. 44+50 TO 50+50, SOLID LT & RT  
STA. 48+18, SOLID LT (WEST MAIN STREET)  
STA. 48+69, SOLID RT (MEMPHREMAGOG VIEWS)

**646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT**

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
STA. 44+50 TO 50+50, SOLID LT & RT  
STA. 48+18, DOUBLE SOLID LT (WEST MAIN STREET)  
STA. 48+69, DOUBLE SOLID RT (MEMPHREMAGOG VIEWS)

**646.642 TEMPORARY 8 INCH WHITE LINE, PAINT**

STA. 45+04 TO 45+16, LT  
646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
STA. 48+18, LT (WEST MAIN STREET)  
STA. 48+69, RT (MEMPHREMAGOG VIEWS)

**613.10 STONE FILL, TYPE I**

STA. 48+16 TO 48+28 RT  
STA. 48+81 TO 48+95 RT

**646.692 TEMPORARY LETTER OR SYMBOL, PAINT**

STA. 48+18, LT (WEST MAIN STREET) - "STOP"  
STA. 48+69, RT (MEMPHREMAGOG VIEWS) - "STOP"

**675.50 REMOVING SIGNS**

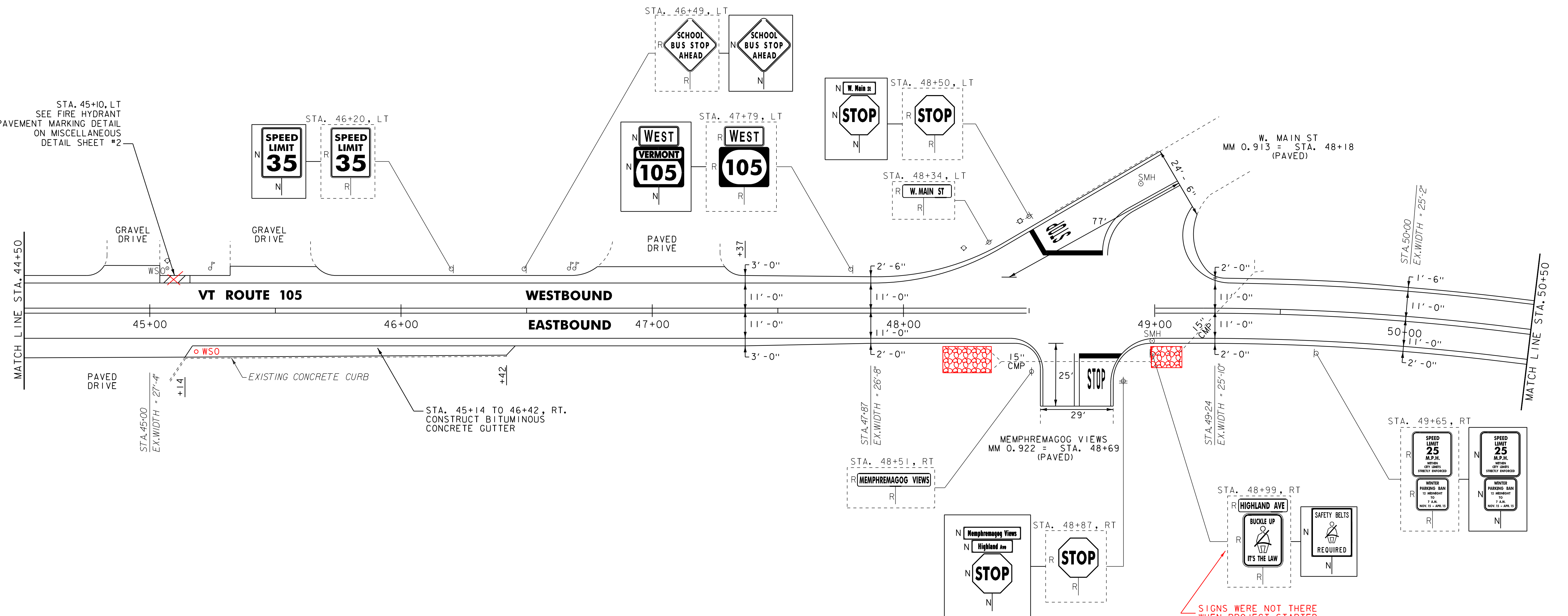
AS SHOWN - 12  
10

**629.20 ADJUST ELEVATION OF VALVE BOX**

STA. 45+09 RT - 1

**619.17 YEILDING MARKER POSTS**

STA. 49+25 LT & RT - 2



NOTE: SIGNS WERE NOT THERE WHEN PROJECT STARTED.

- NOTE:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
  - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

**NOT TO SCALE**

**PROJECT LAYOUT SHEET #6**

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
**IPARM FILE: p07d204i06.i**

PLOT DATE: 28-NOV-2012 14:55  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 14 OF 30



604.40 CHANGING ELEVATION OF DIS, CBs OR MHS  
STA. 54+31, RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES  
STA. 54+56, RT

629.20 ADJUST ELEVATION OF VALVE BOX  
STA. 55+31, LT  
STA. 52+80 LT  
STA. 55+56 LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
RADIi FOR SIDE ROADS)  
STA. 50+50 TO 56+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
STA. 50+50 TO 56+50, SOLID LT & RT

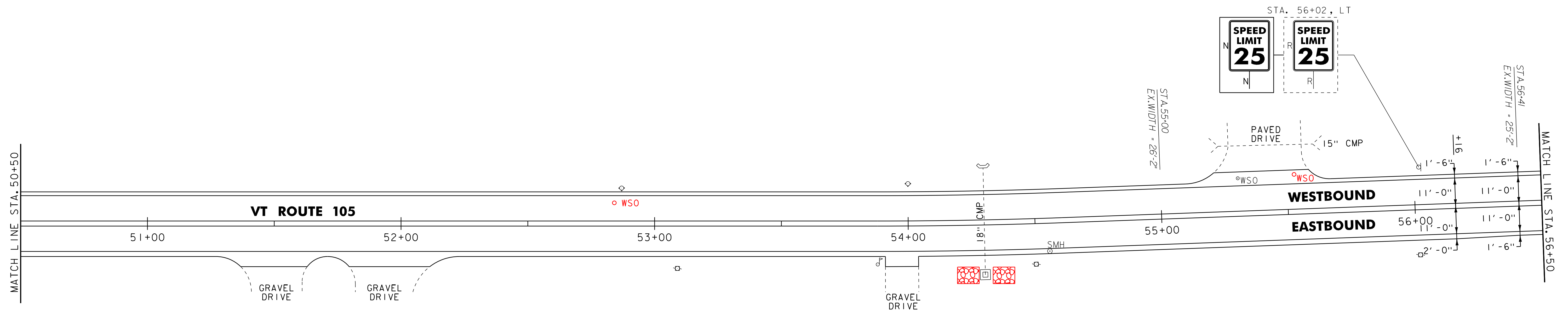
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
RADIi FOR SIDE ROADS)  
STA. 50+50 TO 56+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
STA. 50+50 TO 56+50, SOLID LT & RT

675.50 REMOVING SIGNS  
AS SHOWN - I

619.17 YIELDING MARKER POSTS  
STA. 54+30 LT - I  
STA. 54+31 LT - I

613.10 STONE FILL, TYPE I  
STA. 54+31 RT



- NOTE:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
  2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

**PROJECT LAYOUT SHEET #7**



PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204i07.i

PLOT DATE: 28-NOV-2012 14:51  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 15 OF 30

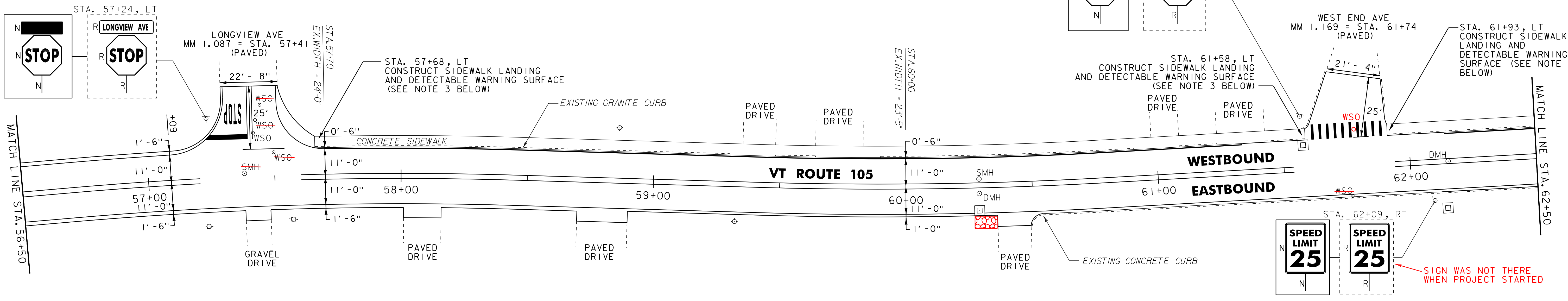
604.40 CHANGING ELEVATION OF DIS, CBS OR MHS  
 STA. 60+29, RT (2)  
 STA. 61+58, LT  
 STA. 62+15, C  
 STA. 62+10 RT  
 604.42 CHANGING ELEVATION OF SEWER MANHOLES  
 STA. 57+38, LT  
 STA. 60+29, LT  
 616.40 REMOVING AND RESETTING CURB  
 STA. 57+68, LT  
 STA. 61+58, LT  
 STA. 61+93, LT  
 618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH  
 STA. 57+68, LT  
 STA. 61+58, LT  
 STA. 61+93, LT

618.30 DETECTABLE WARNING SURFACE  
 STA. 57+68, LT  
 STA. 61+58, LT  
 STA. 61+93, LT  
 629.20 ADJUST ELEVATION OF VALVE BOX  
 STA. 57+42, LT  
 STA. 57+43, LT  
 STA. 57+45, LT  
 STA. 57+50, LT  
 STA. 61+77, RT  
 STA. 57+79, LT  
 646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 56+50 TO 62+50, SOLID LT & RT  
 STA. 57+41, SOLID LT (LONGVIEW AVE.)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 56+50 TO 62+50, SOLID LT & RT  
 STA. 57+41, DOUBLE SOLID LT (LONGVIEW AVE.)  
 646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC OR  
 646.483 DURABLE 24 INCH STOP BAR, EPOXY PAINT  
 STA. 57+41, LT (LONGVIEW AVE.)  
 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR  
 646.493 DURABLE LETTER OR SYMBOL, EPOXY PAINT  
 STA. 57+41, LT (LONGVIEW AVE.) - "STOP"  
 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC OR  
 646.503 DURABLE CROSSWALK MARKING, EPOXY PAINT  
 STA. 61+59 TO 61+92, LT (WEST END AVE.)  
 613.10 STONE FILL, TYPE J  
 STA. 60+29 RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 56+50 TO 62+50, SOLID LT & RT  
 STA. 57+41, SOLID LT (LONGVIEW AVE.)  
 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 56+50 TO 62+50, SOLID LT & RT  
 STA. 57+41, DOUBLE SOLID LT (LONGVIEW AVE.)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT  
 STA. 57+41, LT (LONGVIEW AVE.)  
 646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 STA. 57+41, LT (LONGVIEW AVE.) - "STOP"  
 646.702 TEMPORARY CROSSWALK MARKING, PAINT  
 STA. 61+59 TO 61+92, LT (WEST END AVE.)  
 675.50 REMOVING SIGNS  
 AS SHOWN - 4  
 675.60 ERECTING SALVAGED SIGNS  
 STA. 61+57 LT - 1



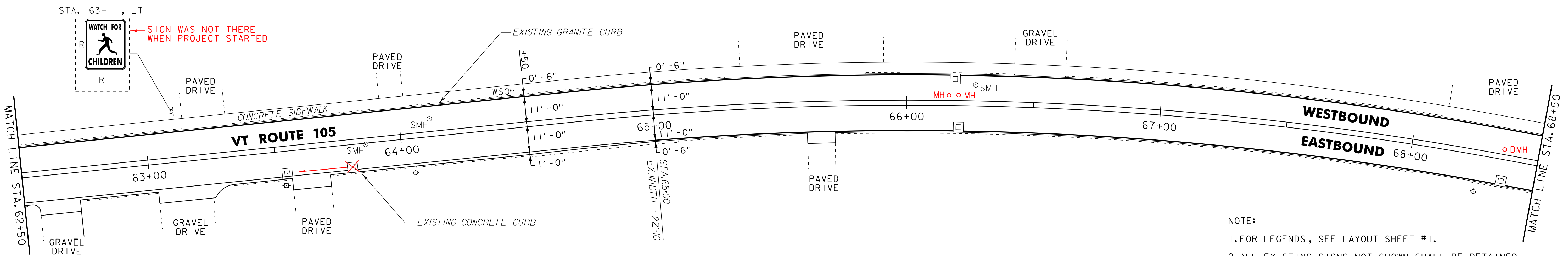
604.40 CHANGING ELEVATION OF DIS, CBS OR MHS  
 STA. 63+80, RT  
 STA. 66+19, LT  
 STA. 66+21, RT  
 STA. 68+37, RT  
 STA. 66+20, LT  
 STA. 68+37, LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES  
 STA. 63+86, RT  
 STA. 64+12, LT  
 STA. 66+27, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 62+50 TO 68+50, SOLID LT & RT  
 646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 62+50 TO 68+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 62+50 TO 68+50, SOLID LT & RT  
 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 62+50 TO 68+50, SOLID LT & RT

675.50 REMOVING SIGNS  
 AS SHOWN - +



- NOTE:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
  - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
  - THE SIDEWALK "LANDINGS" NOTED CONSIST OF REMOVING ONE PANEL OF EXISTING CONCRETE SIDEWALK AND REPLACING IT WITH NEW SUBBASE, CONCRETE AND DETECTABLE WARNING SURFACE.

NOT TO SCALE

**PROJECT LAYOUT SHEET #8**

PROJECT NAME: NEWPORT CITY  
 PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: STANTEC  
 IPARM FILE: p07d204108.i

PLOT DATE: 28-NOV-2012 14:55  
 DRAWN BY: STANTEC  
 CHECKED BY: STANTEC  
 SHEET 16 OF 30



604.40 CHANGING ELEVATION OF DIS, CBs OR MHS  
 STA. 71+22, RT  
 STA. 71+31, LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES  
 STA. 69+87, RT  
 STA. 71+19, RT  
 STA. 71+53, LT  
 STA. 73+06, LT  
 STA. 68+70, LT  
 629.20 ADJUST ELEVATION OF VALVE BOX  
 STA. 73+06, LT  
 STA. 73+06, C  
 STA. 73+06, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC OR  
 646.403 DURABLE 4 INCH WHITE LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 68+50 TO 73+13, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC OR  
 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 68+50 TO 73+13, SOLID LT & RT

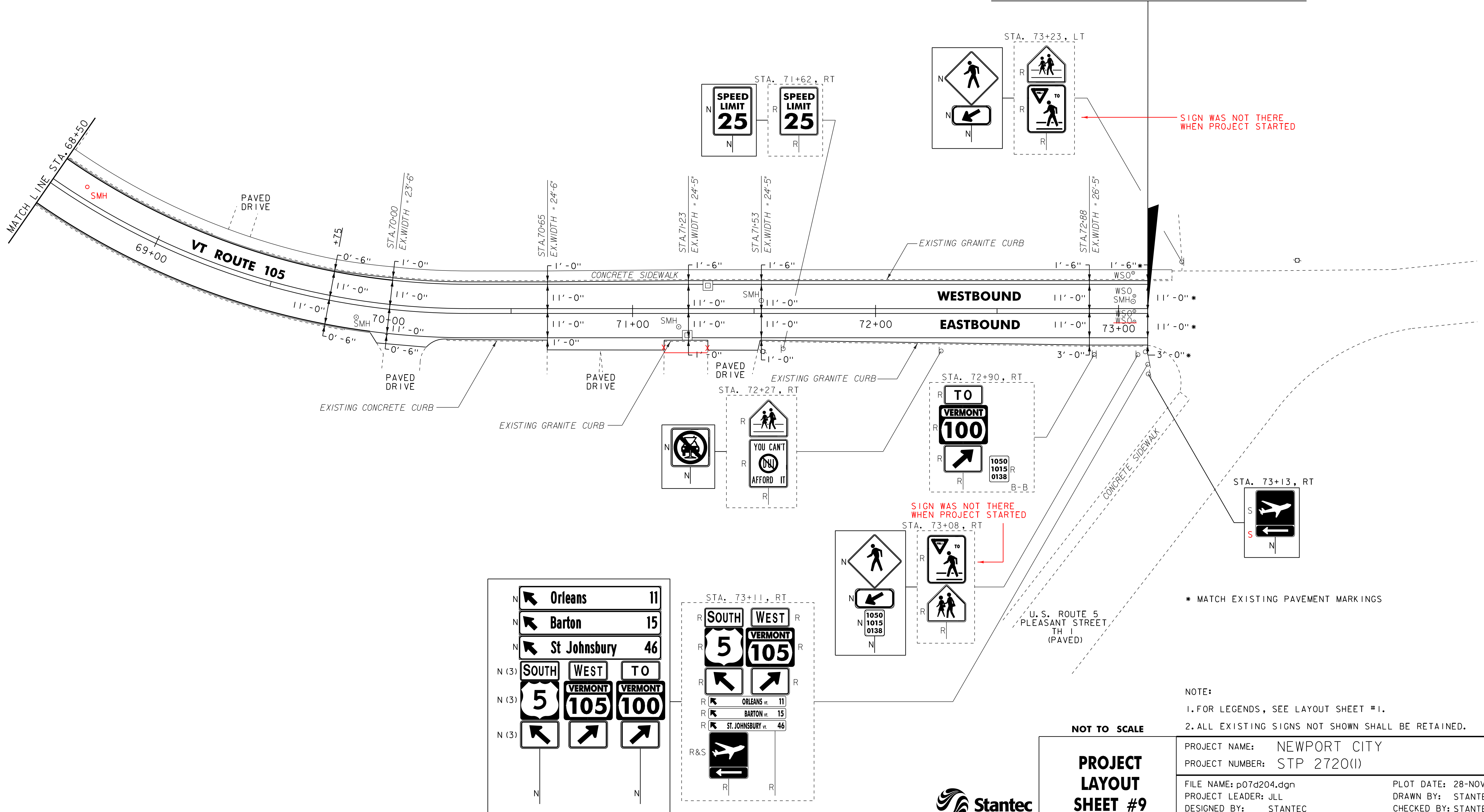
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT  
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND  
 RADII FOR SIDE ROADS)  
 STA. 68+50 TO 73+13, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT  
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)  
 STA. 68+50 TO 73+13, SOLID LT & RT

675.50 REMOVING SIGNS  
 AS SHOWN - 21 20

675.60 ERECTING SALVAGED SIGNS  
 AS SHOWN - 1 2

**END STP 2720(1) VT ROUTE 105  
 NEWPORT CITY STA. 73+12.80 = MM 1.385**

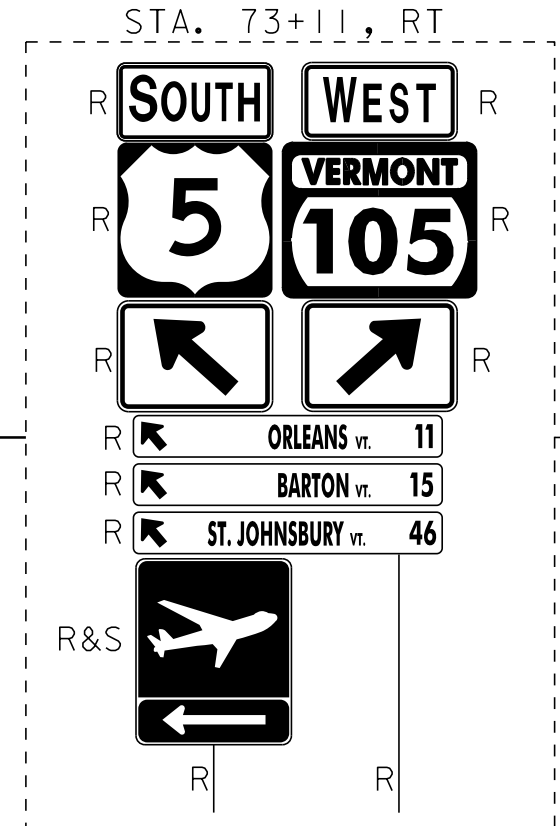
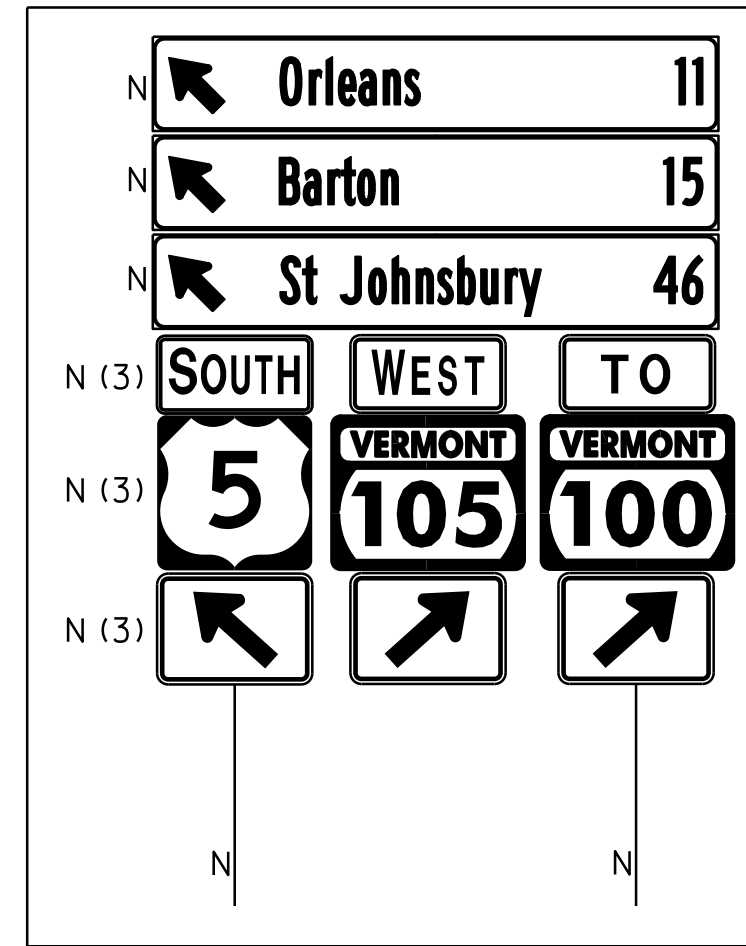


SIGN WAS NOT THERE WHEN PROJECT STARTED

SIGN WAS NOT THERE WHEN PROJECT STARTED

\* MATCH EXISTING PAVEMENT MARKINGS

NOTE:  
 1. FOR LEGENDS, SEE LAYOUT SHEET #1.  
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.



NOT TO SCALE

**PROJECT LAYOUT SHEET #9**



PROJECT NAME: NEWPORT CITY  
 PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: STANTEC  
 IPARM FILE: p07d204109.i

PLOT DATE: 28-NOV-2012 14:5  
 DRAWN BY: STANTEC  
 CHECKED BY: STANTEC  
 SHEET 17 OF 30





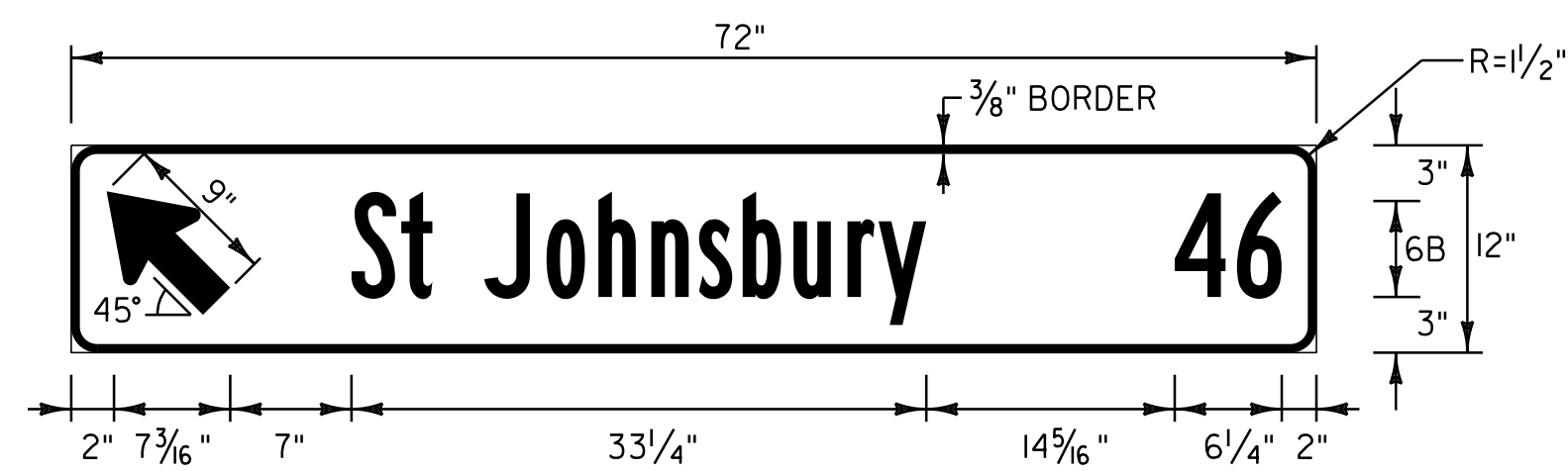
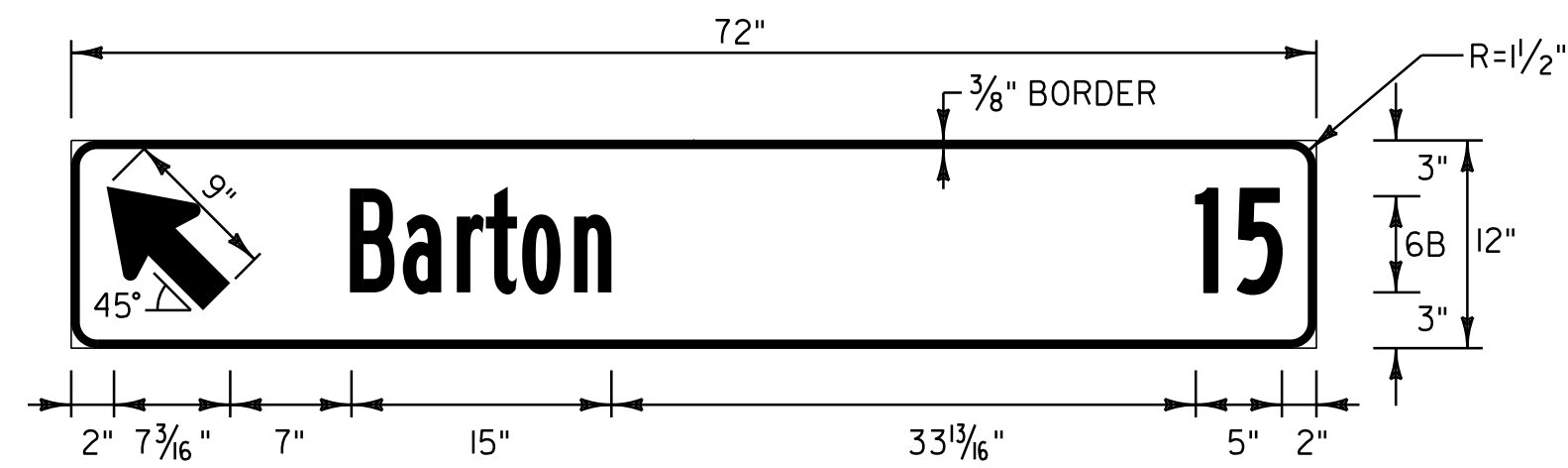
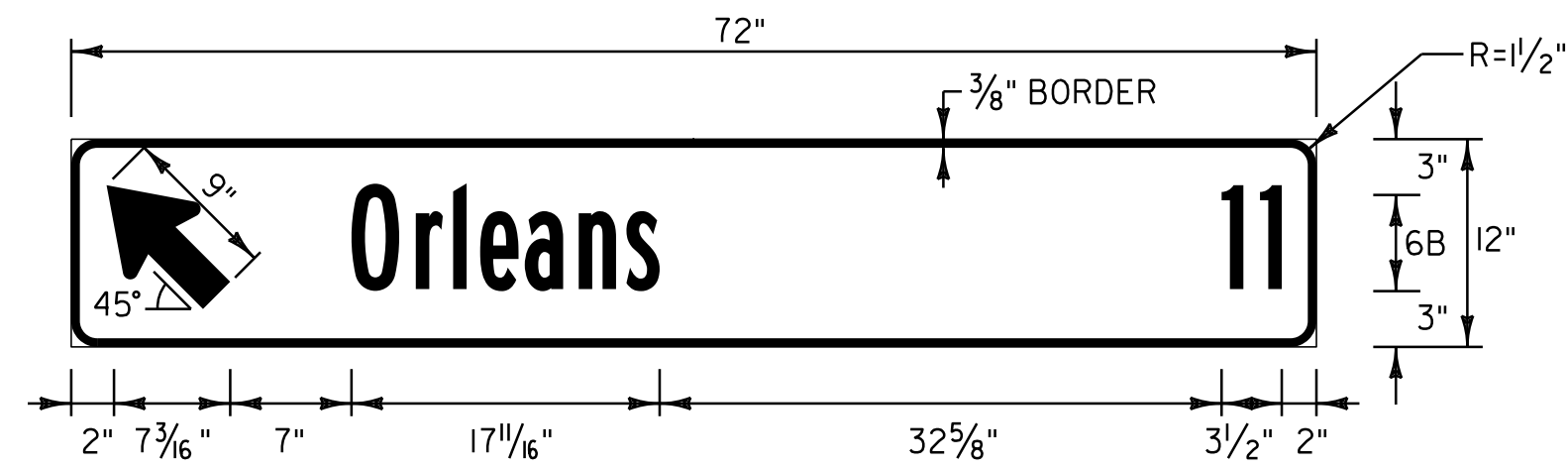






# TRAFFIC SIGN SUMMARY SHEET 06

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS													REMARKS	SIGN DETAIL							
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL		REQUIRE SIGN	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5		4.0	5.0				FTG. SIZE	WEIGHT	POST SIZE
<b>VT ROUTE 105 NEWPORT CITY (CONT)</b>																															
73+13, RT									1																			MOUNT SALVAGED SIGN ON NEW POST TWO SIGNS, ARROW AND PLANE	-	-	
73+23, LT		1	30	30	6.25				1																			W11-2 (FLUORESCENT YELLOW)		SEE FHWA SHS	
		1	24	12	2.00																							W16-7pL (FLUORESCENT YELLOW)		SEE FHWA SHS	
SHEET SUBTOTALS					8.25																										
TSS SHEET 1					43.51																										
TSS SHEET 2					49.11																										
TSS SHEET 3					45.59																										
TSS SHEET 4					53.39																										
TSS SHEET 5					67.24																										
TSS SHEET 6					8.25																										
PROJECT SUBTOTALS					267.09																										
ROUNDING					2.91																										

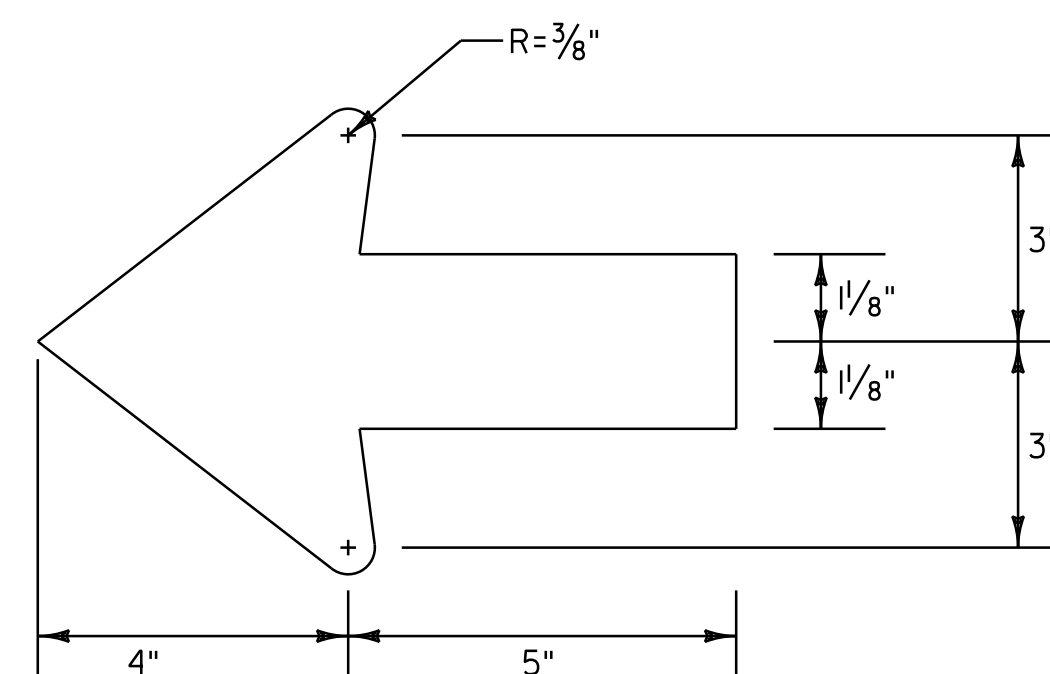


**DESTINATION BOARD NOTES**

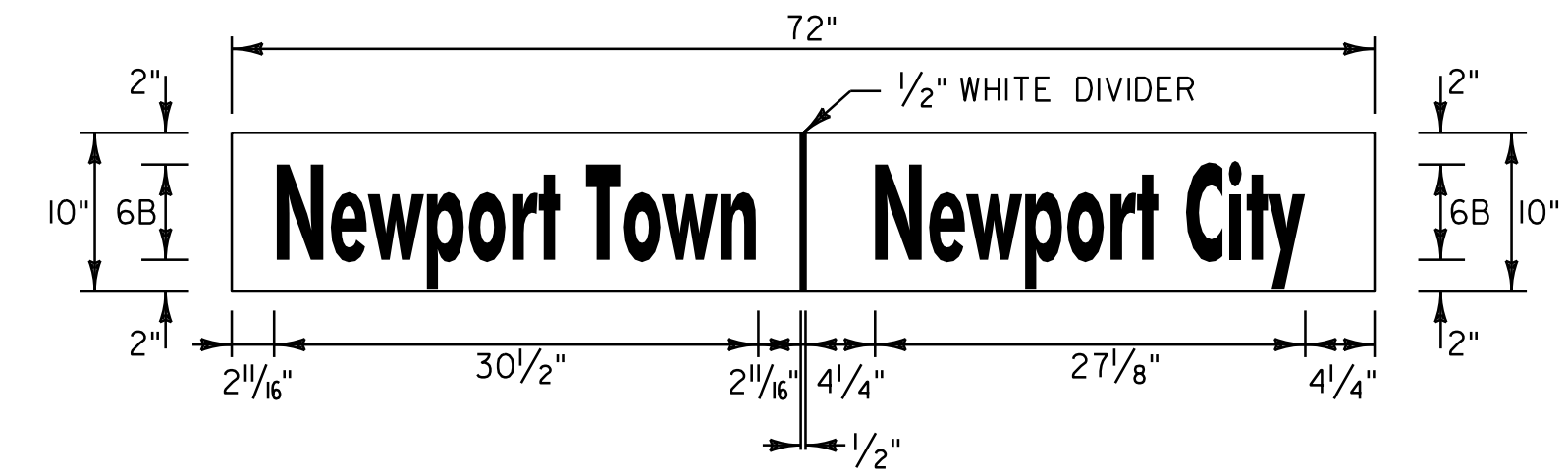
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GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-123

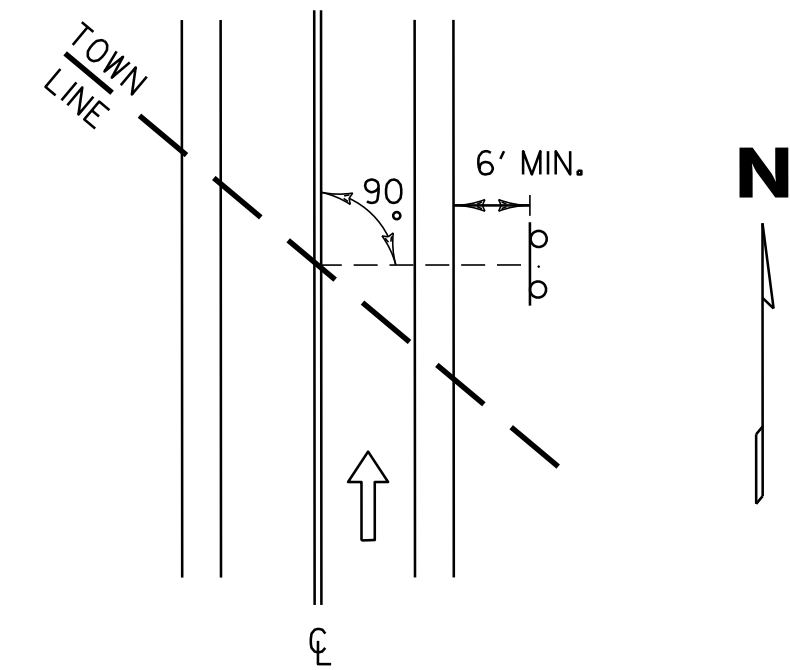
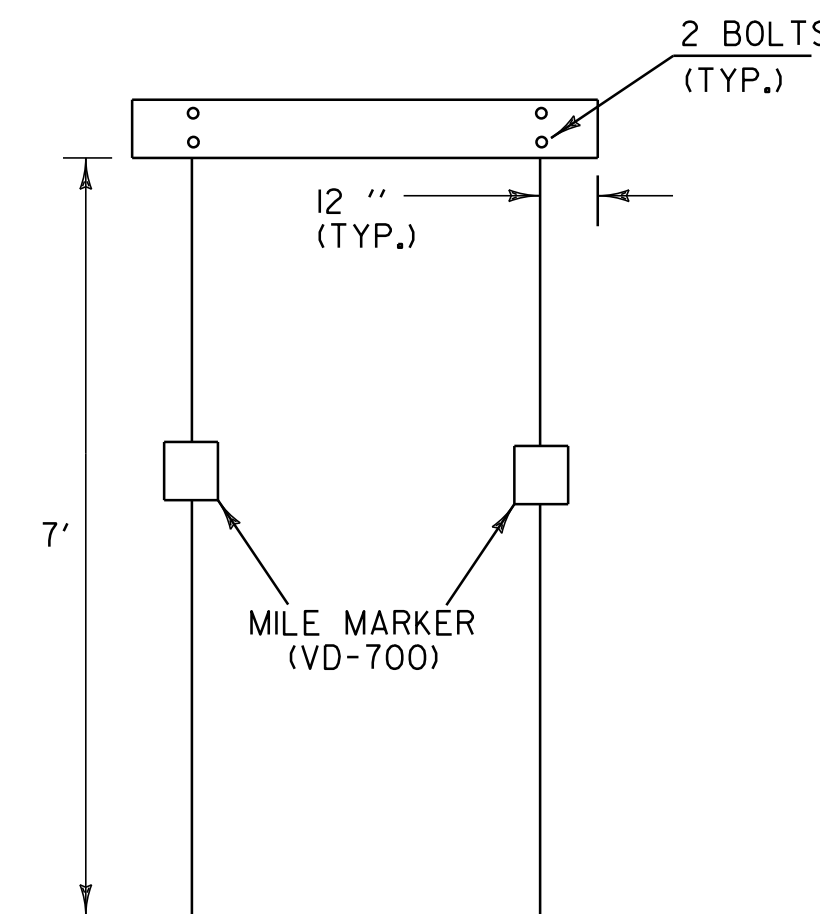
LOCATION: STA. 73+11, RT



**STANDARD ARROW**



LOCATION: STA. 0+00, LT



THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY, NORMALLY ON RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.

**TOWN LINE SIGN NOTES:**

- WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENTS.
- DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.
- ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE NOTED.
- THE SIGN BASE MATERIAL SHALL BE HIGH DENSITY OVERLAID PLYWOOD 5/8 INCH THICK OR ALUMINUM SHEETING 0.125" MINIMUM THICKNESS. THE RETROREFLECTIVE MATERIAL SHALL BE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE LEGEND SHALL BE CUT-OUT RETROREFLECTIVE LEGEND. ALL RETROREFLECTIVE MATERIAL SHALL BE EQUAL TO OR EXCEEDING THE "THE AMERICAN SOCIETY OF TESTING AND MATERIALS" (ASTM) TYPE III.
- SIGNS SHALL HAVE A RETROREFLECTIVE WHITE LEGEND ON A RETROREFLECTIVE GREEN BACKGROUND.
- LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.
- ALL SIGNS SHALL BE IN ACCORDANCE WITH "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND THE "STANDARD HIGHWAY SIGNS" BOOK (SHS) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA).

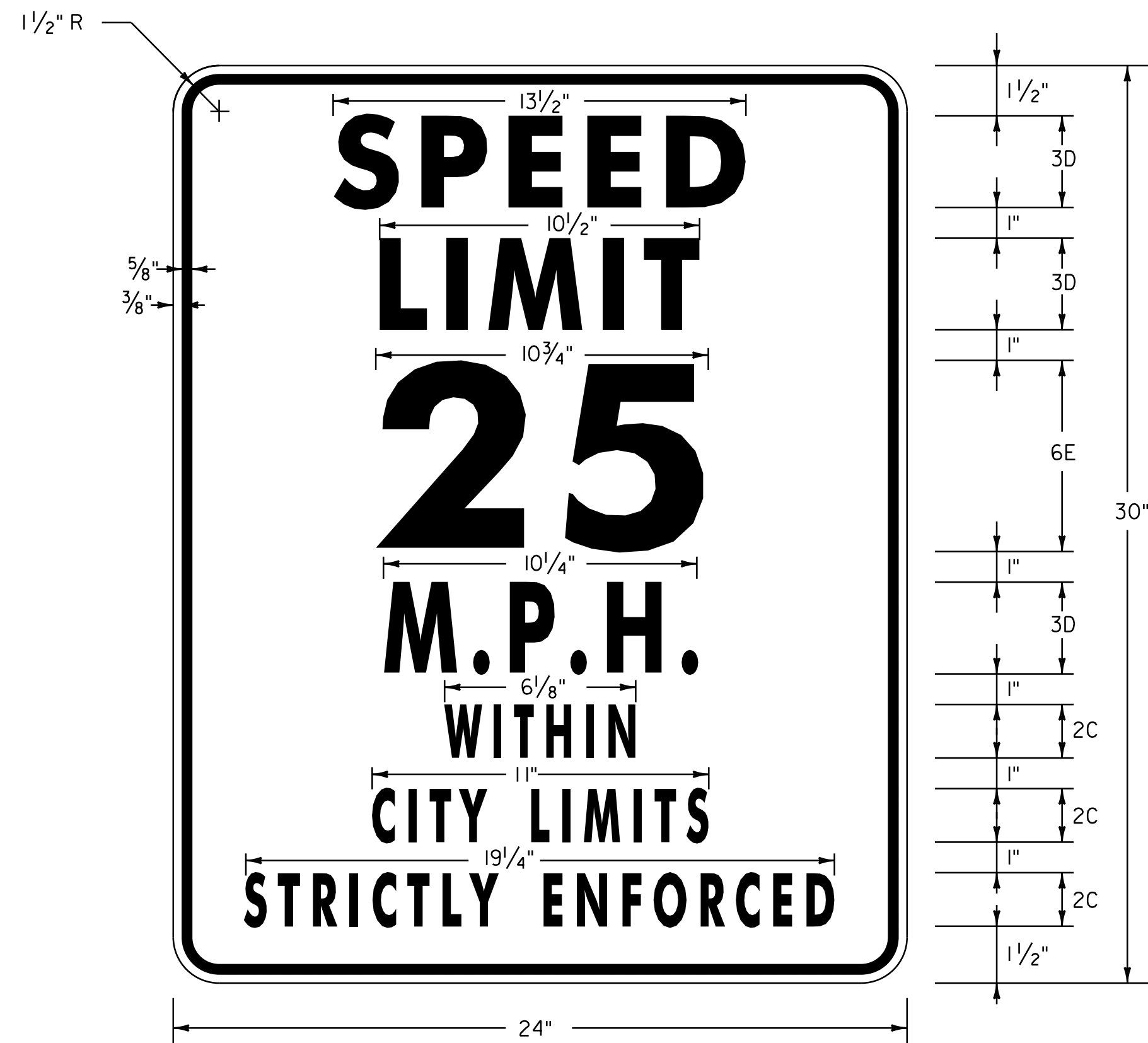


**TRAFFIC SIGN  
DETAIL  
SHEET #1**

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204tsds01.i

PLOT DATE: 28-NOV-2012 14:5  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 24 OF 30



SEE TRAFFIC SIGN SUMMARY SHEETS FOR LOCATIONS

COLOR: BORDER AND TEXT - BLACK  
 BACKGROUND - WHITE (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-141  
 LOCATION: STA. 49+65, RT



SEE TRAFFIC SIGN SUMMARY SHEETS FOR LOCATIONS

COLOR: BORDER AND TEXT - BLACK  
 BACKGROUND - WHITE (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-141  
 LOCATION: STA. 49+65, RT

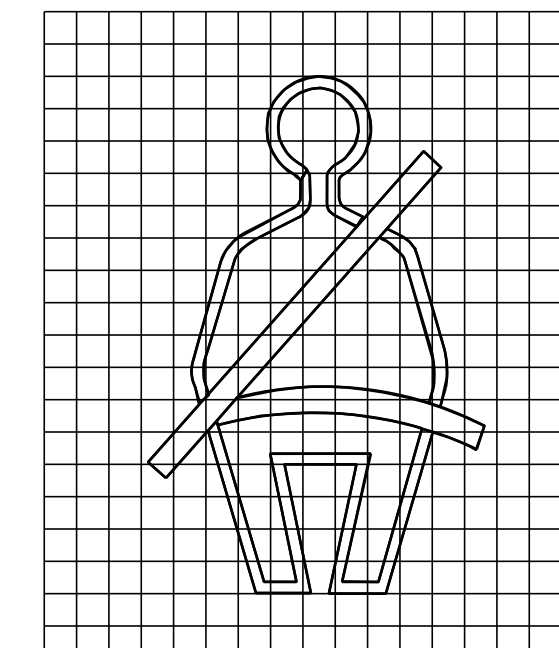


VR-601

SEE TRAFFIC SIGN SUMMARY SHEETS FOR LOCATIONS

COLOR: BORDER AND TEXT - BLACK  
 BACKGROUND - WHITE (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-141  
 LOCATION: STA. 0+62, RT  
 STA. 48+99, RT

1 SQUARE = 1"

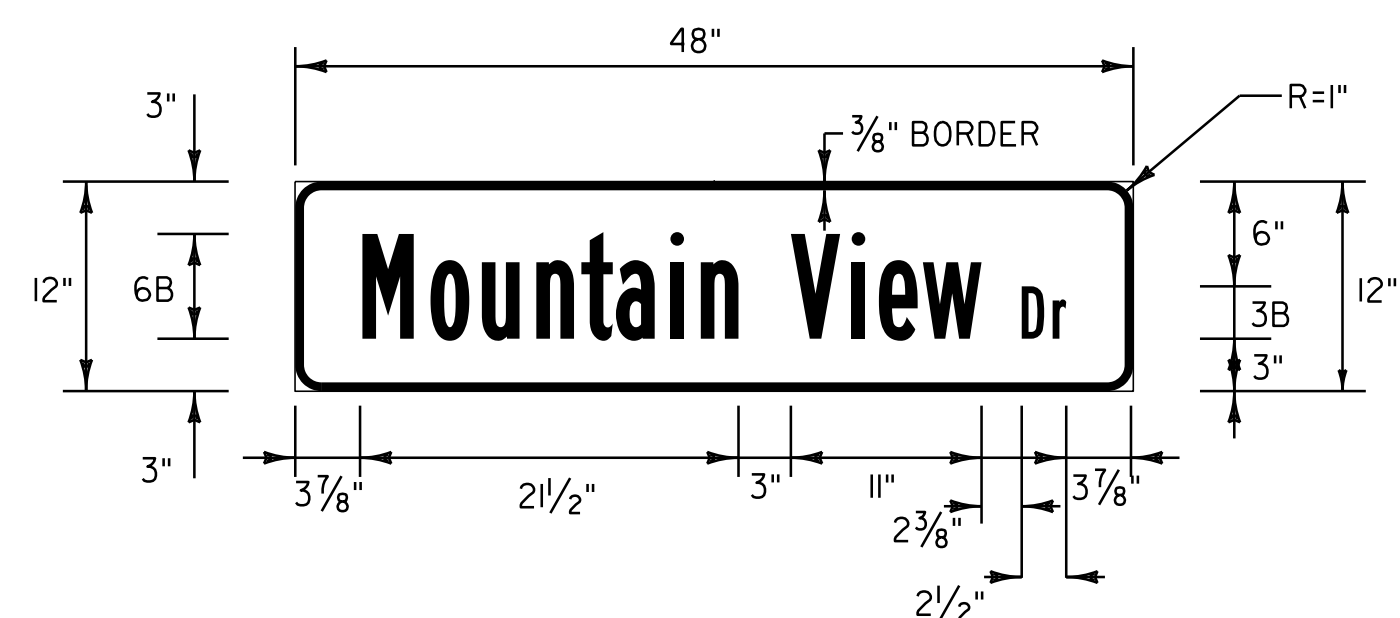


TRAFFIC  
 SIGN  
 DETAIL  
 SHEET #2

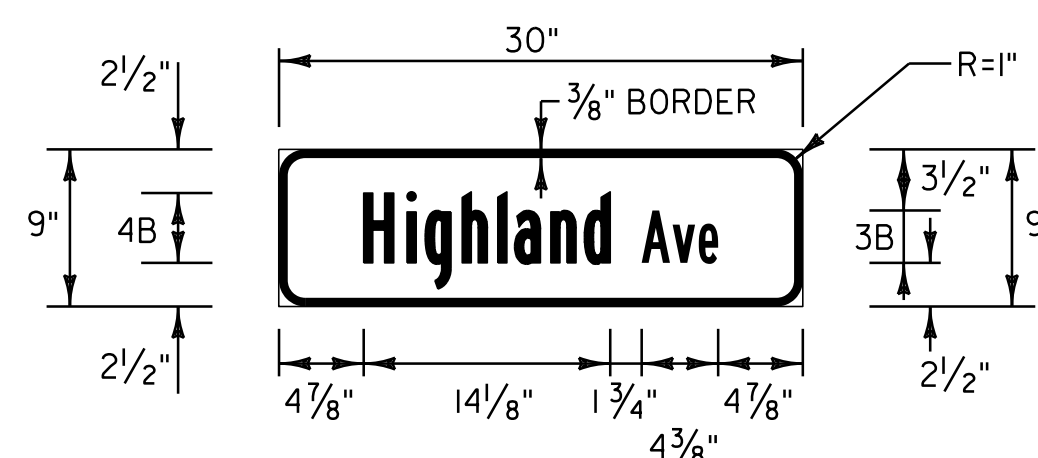
PROJECT NAME: NEWPORT CITY  
 PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: STANTEC  
 IPARM FILE: p07d204tsds02.i

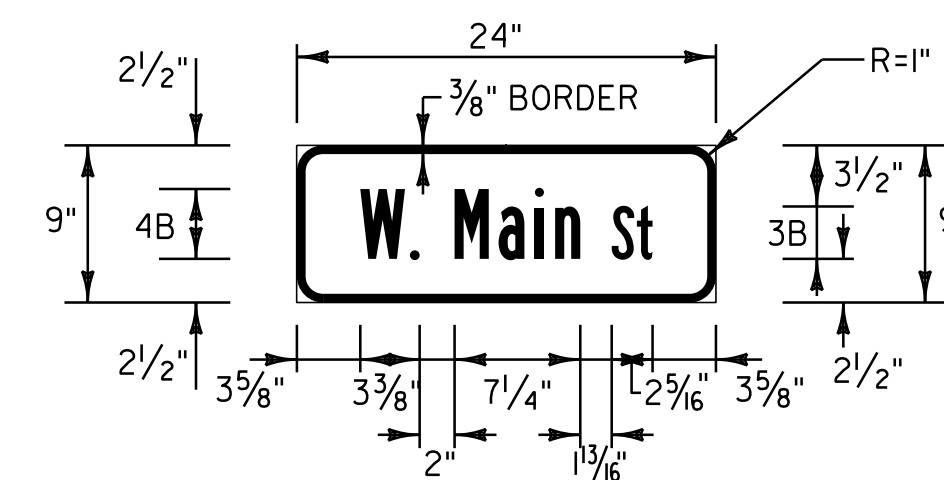
PLOT DATE: 28-NOV-2012 14:5  
 DRAWN BY: STANTEC  
 CHECKED BY: STANTEC  
 SHEET 25 OF 30



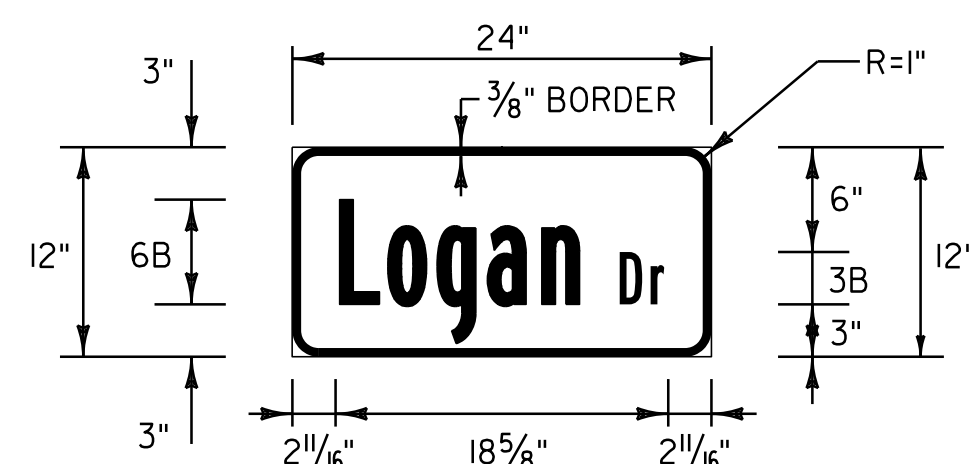
COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 0+46, RT



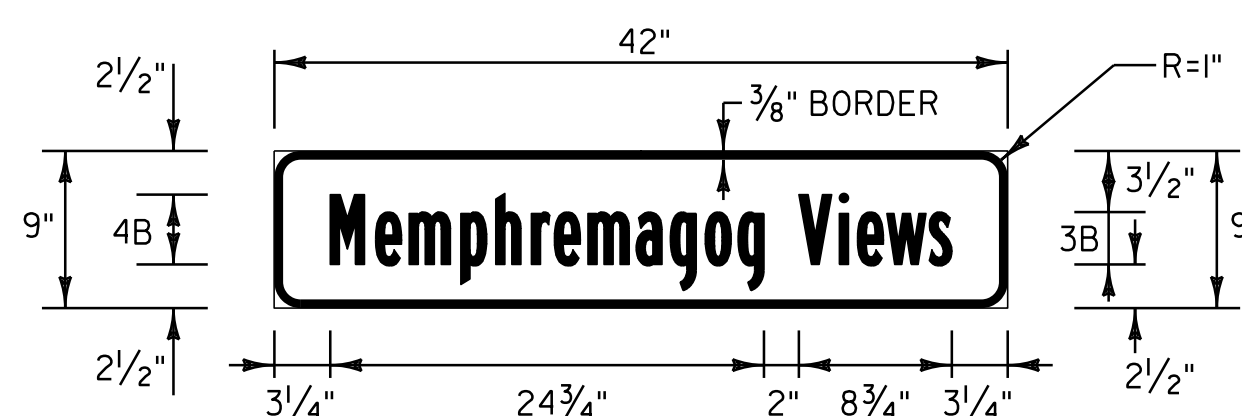
COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 48+87, RT



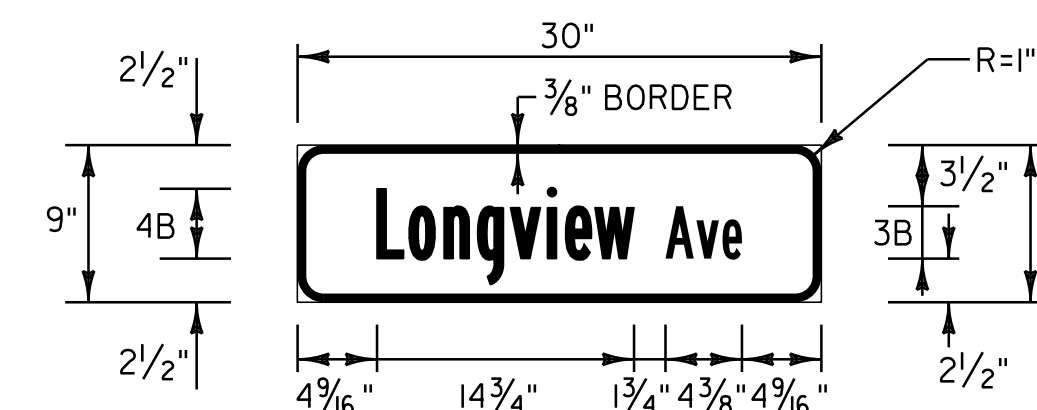
COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 48+50, LT



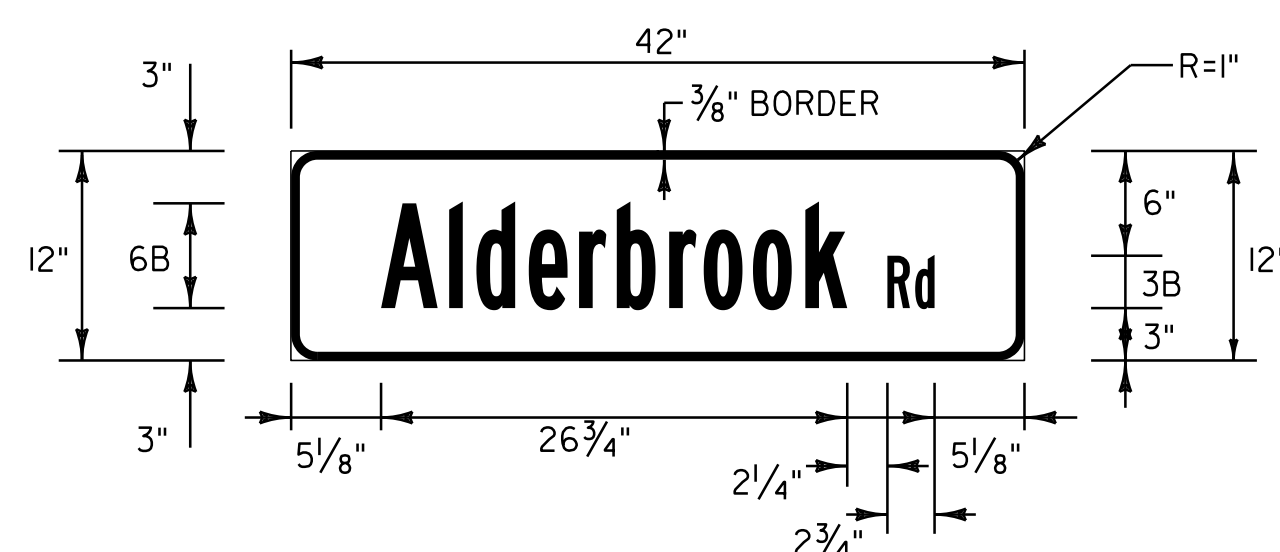
COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 1+35, LT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 48+87, RT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 57+24, LT



COLOR: WHITE BORDER & TEXT (RETROREFLECTIVE)  
 GREEN BACKGROUND (RETROREFLECTIVE)  
 MATERIAL: PER VAOT STANDARD E-123  
 LOCATION: STA. 15+95, RT



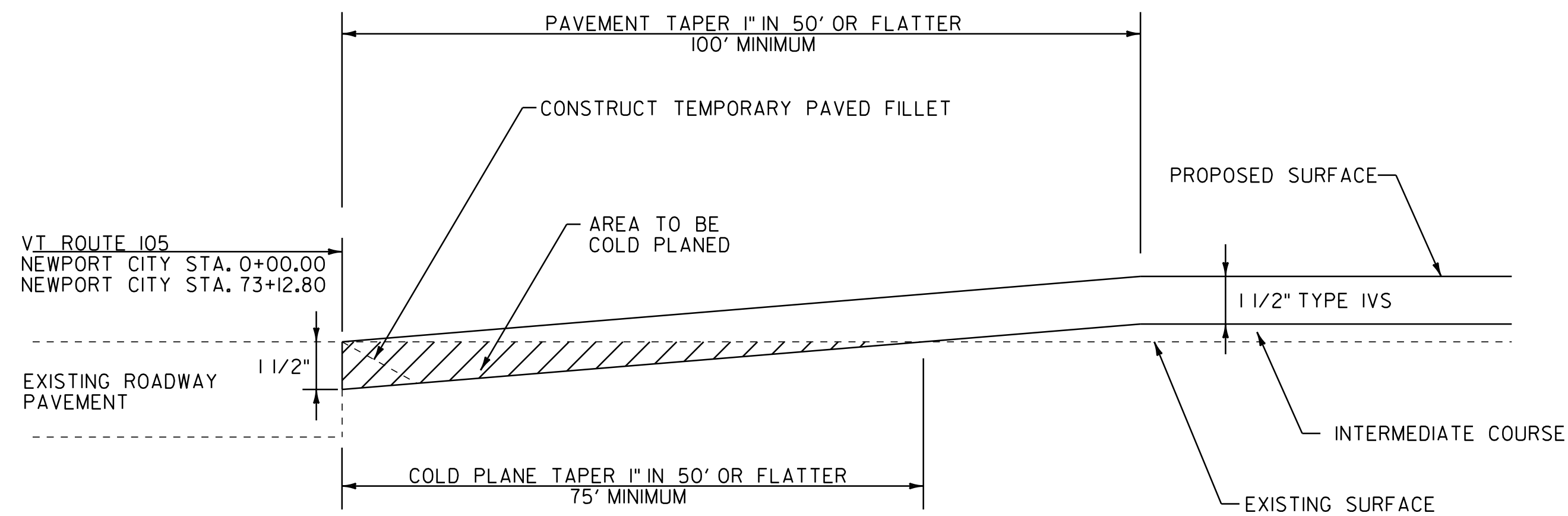
**TRAFFIC  
 SIGN  
 DETAIL  
 SHEET #3**

PROJECT NAME: NEWPORT CITY  
 PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: STANTEC  
 IPARM FILE: p07d204tsds03.i

PLOT DATE: 28-NOV-2012 14:5  
 DRAWN BY: STANTEC  
 CHECKED BY: STANTEC  
 SHEET 26 OF 30

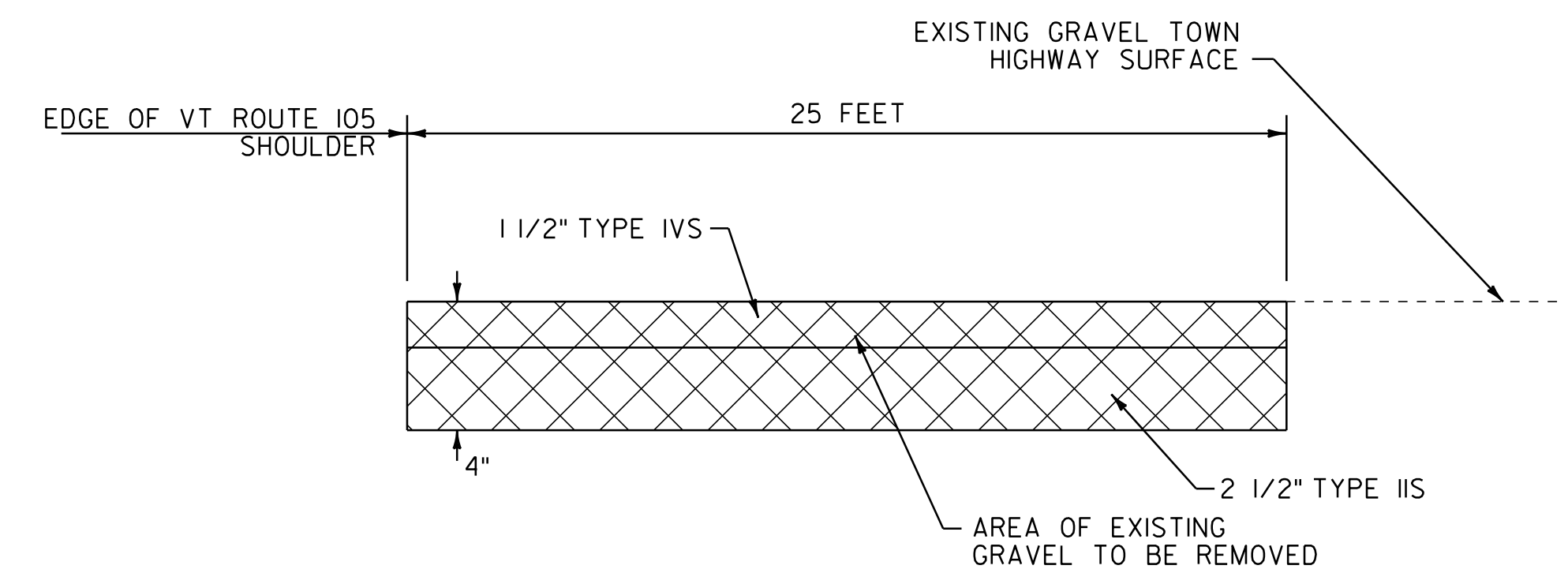




**APPROACH AREA DETAIL  
(BEGIN AND END LEVELING AND OVERLAY)**

**FULL ROADWAY WIDTH**

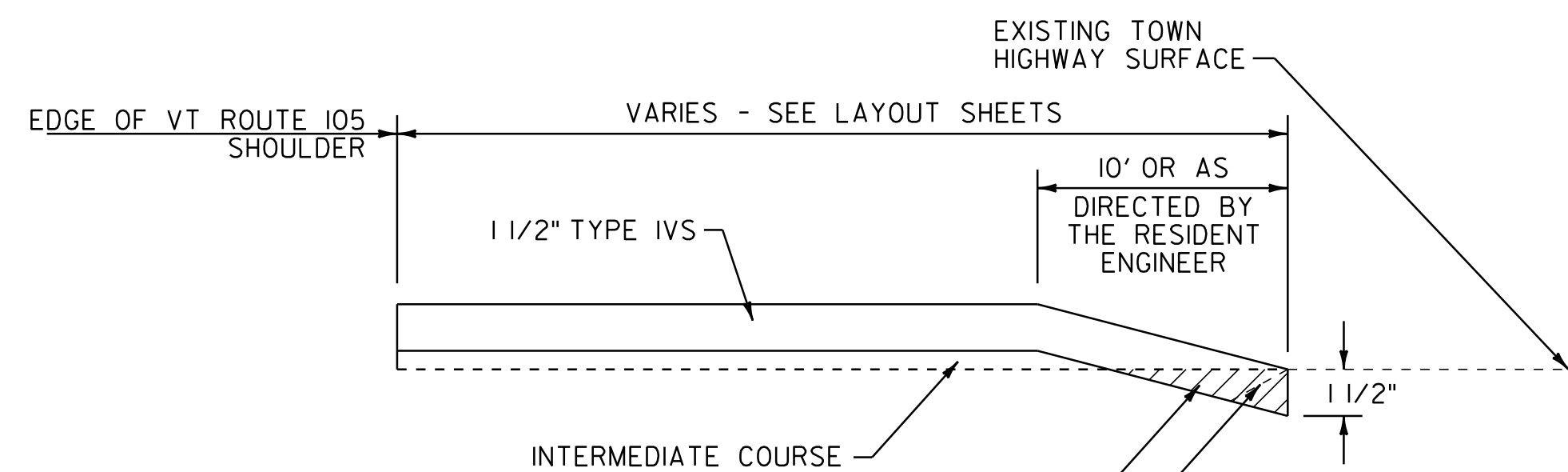
NEWPORT CITY STA. 0+00.00 TO 1+00.00 (BEGIN PROJECT)  
NEWPORT CITY STA. 72+12.80 TO 73+12.80 (END PROJECT)



**TRANSITION AREA DETAIL - MOUNTAIN VIEW DR**

NOTE: THIS DETAIL SHALL BE USED FOR MOUNTAIN VIEW DR. PAYMENT FOR REMOVAL OF EXISTING GRAVEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 608.15 POWER GRADER RENTAL.

**FULL WIDTH OF SIDE ROAD**  
STA. 0+32, RT (MOUNTAIN VIEW DR)



AREA TO BE COLD PLANED (PAVED SIDE ROADS)  
PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.  
AREA TO BE EXCAVATED (GRAVEL SIDE ROADS)  
PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 608.15 POWER GRADER RENTAL

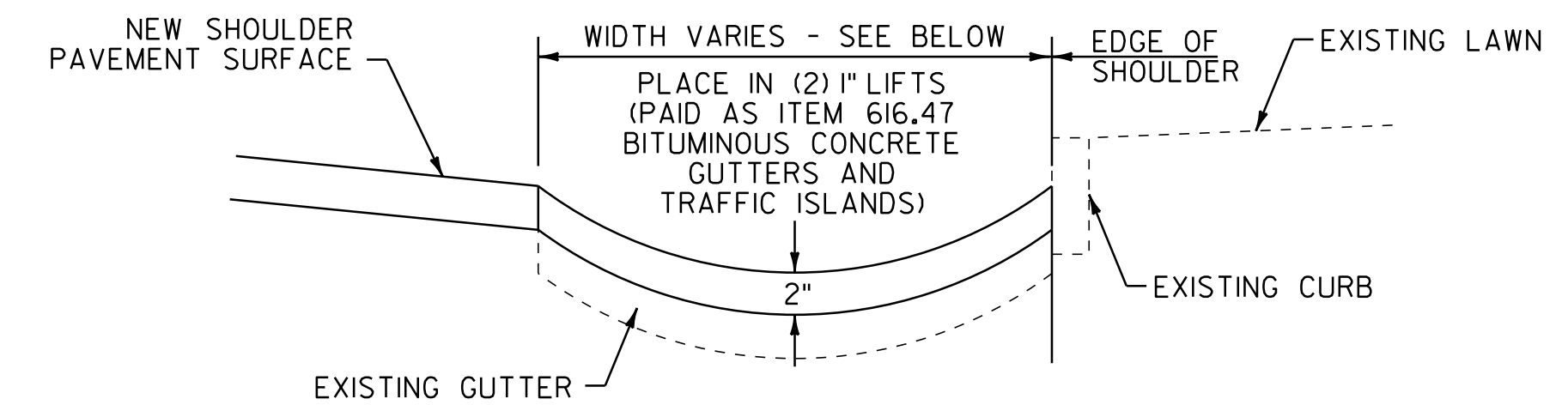
CONSTRUCT TEMPORARY PAVED FILLET  
AS DIRECTED BY THE RESIDENT ENGINEER.  
PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT

**OVERLAY APPROACH AREA DETAIL - SIDE ROADS**

**LOCATIONS**

**FULL WIDTH OF SIDE ROAD**

STA. 1+48, LT (LOGAN DR)  
STA. 15+73, RT (ALDERBROOK RD)  
STA. 48+18, LT (WEST MAIN ST)  
STA. 48+69, RT (MEMPHREMAGOG VIEWS)  
STA. 57+41, LT (LONGVIEW AVE)  
STA. 61+74, LT (WEST END AVE)



**BITUMINOUS CONCRETE GUTTER DETAIL**

VT ROUTE 105 STA. 45+14 TO 46+42, RT (AVE. WIDTH = 4.9')

NOT TO SCALE

**MISCELLANEOUS  
DETAIL  
SHEET #1**

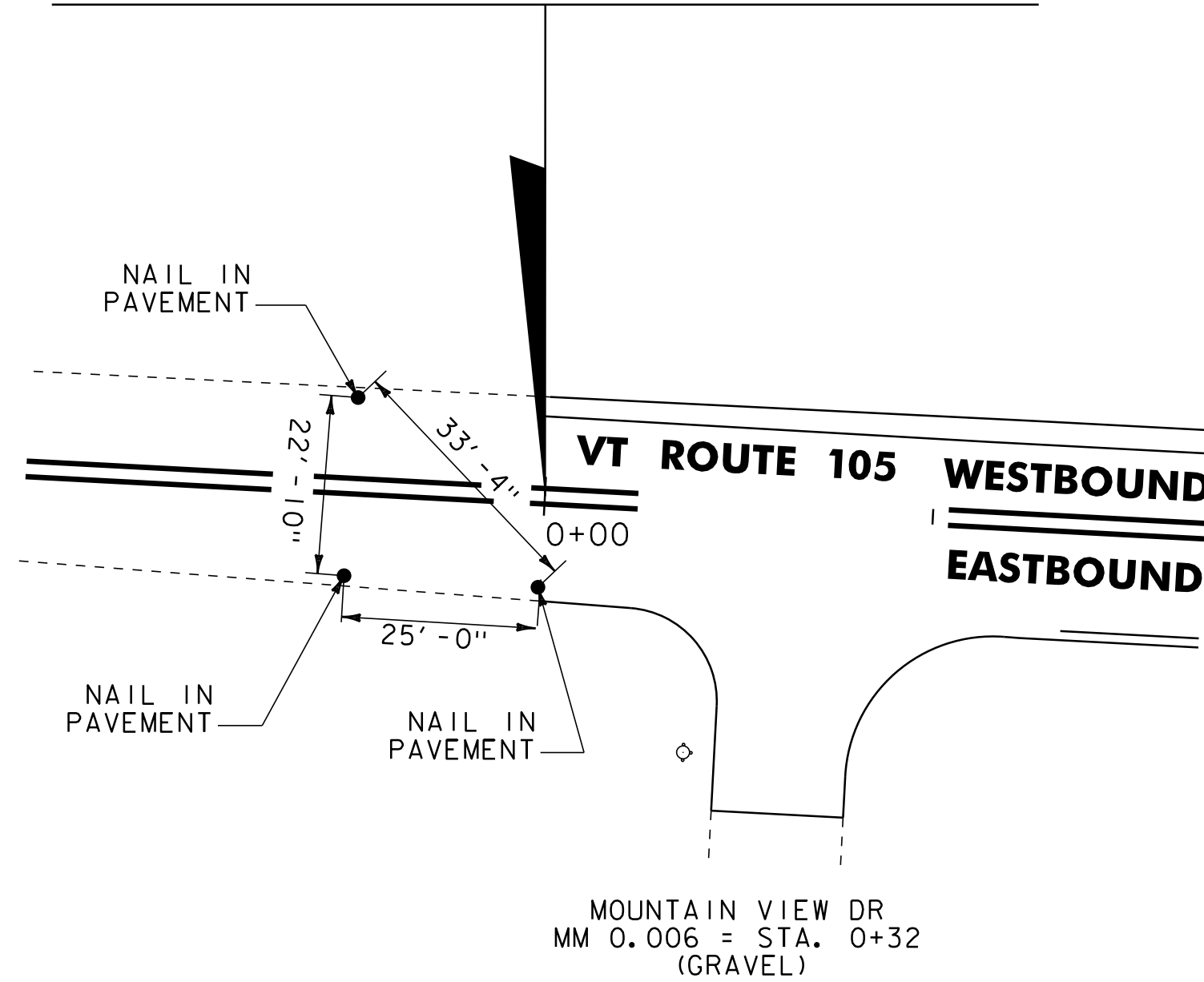


PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204md01.i

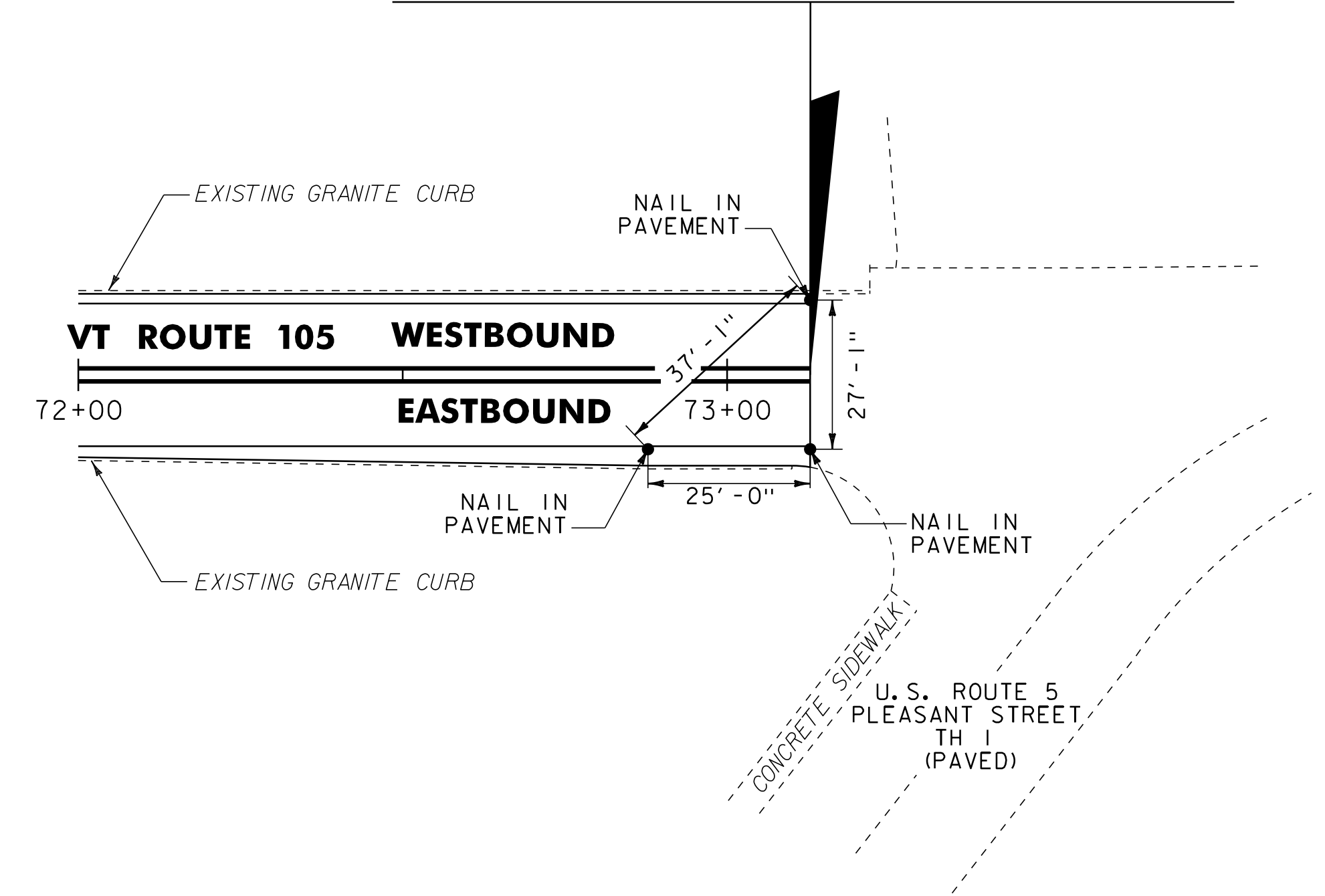
PLOT DATE: 28-NOV-2012 14:51  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 28 OF 30

**BEGIN STP 2720(1) VT ROUTE 105  
NEWPORT CITY STA. 0+00.00 = MM 0.000**

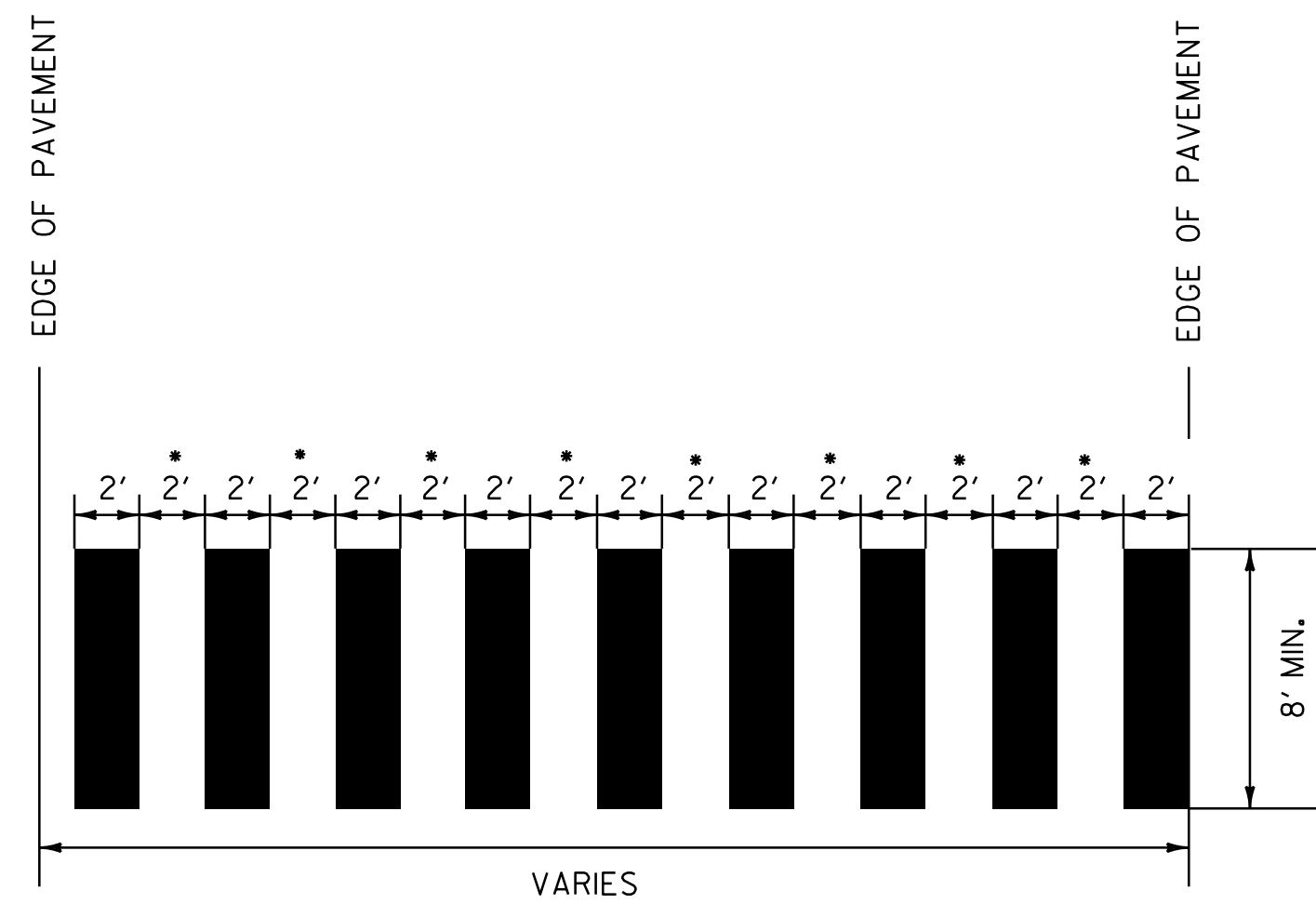


**VT ROUTE 105 BEGIN PROJECT LOCATION TIES**

**END STP 2720(1) VT ROUTE 105  
NEWPORT CITY STA. 73+12.80 = MM 1.385**



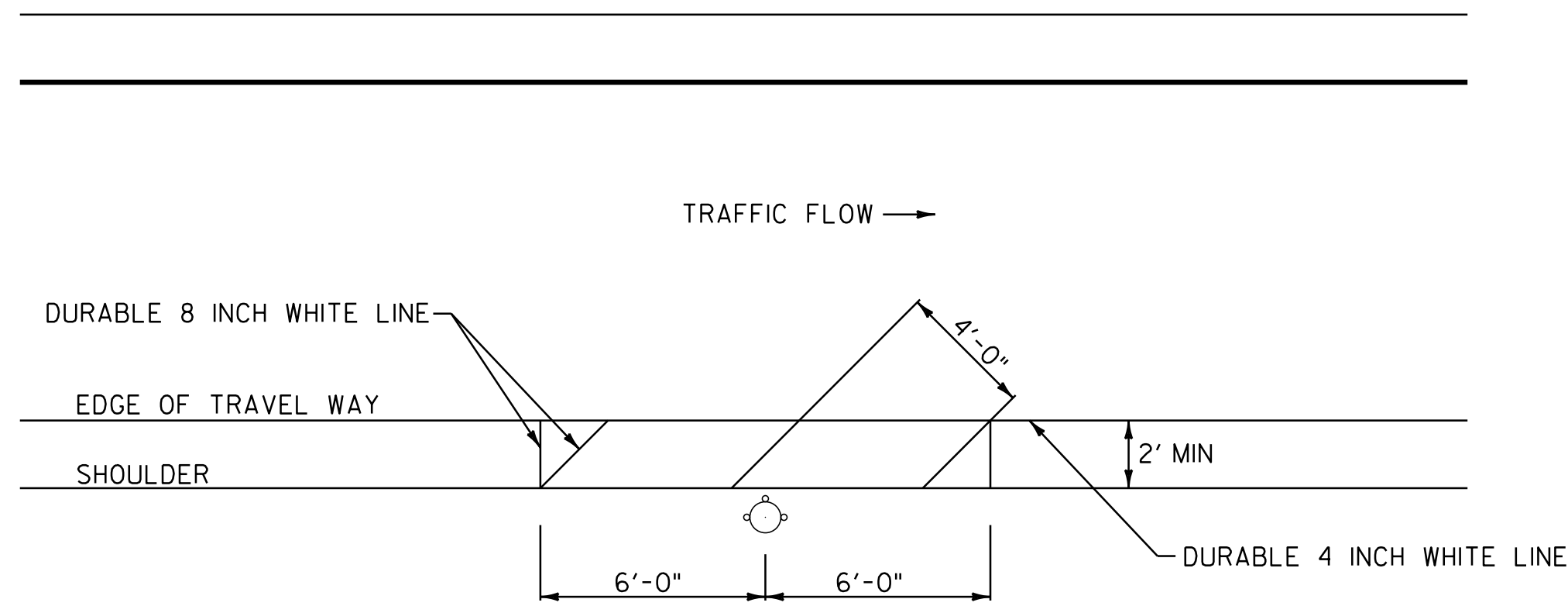
**VT ROUTE 105 END PROJECT LOCATION TIES**



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

**BLOCK PATTERN CROSSWALK DETAIL**

SEE LAYOUT SHEETS FOR LOCATIONS.  
ALL BLOCK PATTERN CROSSWALKS SHALL BE  
INSTALLED PARALLEL WITH WHEEL PATHS.

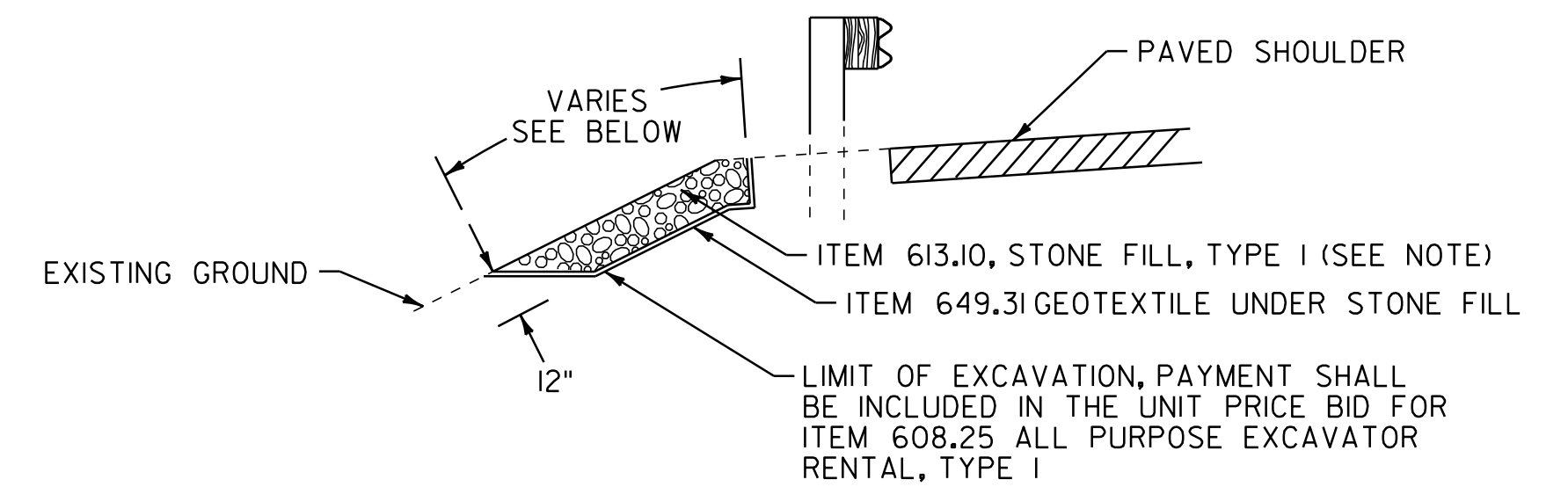


**FIRE HYDRANT PAVEMENT MARKING DETAIL**

STA. 11+23, RT  
STA. 18+50, RT  
STA. 31+06, RT  
STA. 41+07, LT  
STA. 45+10, LT

**NOTE:**

THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE FIRE HYDRANT PAVEMENT MARKINGS TO MEET THE EXISTING SITE CONSTRAINTS AS DIRECTED BY THE RESIDENT ENGINEER.



**SLOPE EROSION REPAIR DETAIL**

STA. 5+46, RT (10' LONG X 20' WIDE)  
STA. 24+90 TO 27+00, LT (20' WIDTH)

**NOTE:**

AN ESTIMATED QUANTITY OF ITEM 613.11 STONE FILL, TYPE II HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER. IF ITEM 613.11 IS NECESSARY, THE ADDITIONAL EXCAVATION DEPTH REQUIRED WILL BE PAID AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

NOT TO SCALE

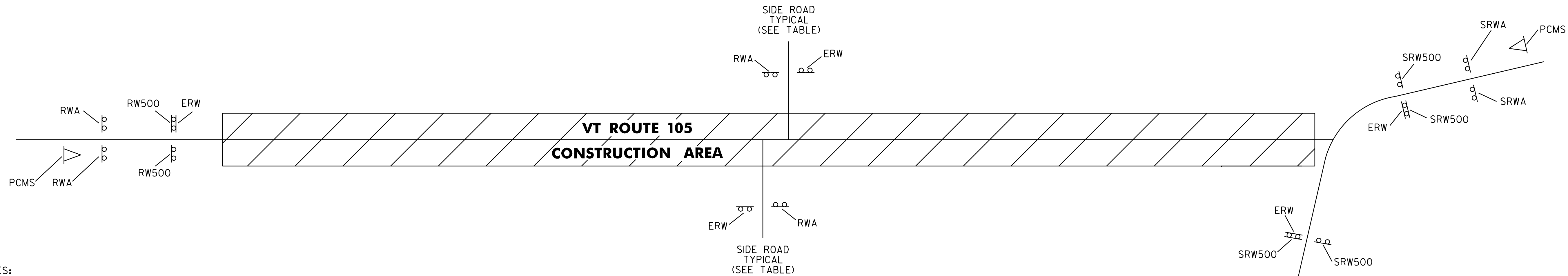
**MISCELLANEOUS  
DETAIL  
SHEET #2**



PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204md02.i

PLOT DATE: 28-NOV-2012 14:51  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 29 OF 30



**NOTES:**

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL.
2. PORTABLE CHANGEABLE MESSAGE SIGNS ARE OPTIONAL AND ARE TO BE USED AS DIRECTED BY THE VAOT RESIDENT ENGINEER. CONTRACTOR SHALL POSITION PORTABLE CHANGEABLE MESSAGE SIGNS WARNING MOTORISTS OF THE EXPECTED ROADWAY CONDITIONS AHEAD. THE MESSAGE TO BE DISPLAYED SHALL BE SUBMITTED TO THE RESIDENT ENGINEER IN ADVANCE FOR APPROVAL. THE COST OF PROVIDING THESE MESSAGE SIGNS SHALL BE PAID UNDER ITEM 641.15, PORTABLE CHANGEABLE MESSAGE SIGN.
3. THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641.10, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE FLASHING ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, 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.
4. THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.
6. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.
7. WHEN WORKING IN THE VICINITY OF EXISTING PEDESTRIAN FACILITIES, ADA ACCESSIBLE PEDESTRIAN ACCOMMODATIONS SHALL BE MAINTAINED AT ALL TIMES. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.
8. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
9. RETROREFLECTIVE SHEETING SHALL BE TYPE III OR VIII MINIMUM AS NOTED ON VAOT STANDARD E-100 AND IN THE SPECIAL PROVISIONS.
10. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED AS OUTLINED IN THE SPECIAL PROVISIONS.
11. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
12. AS THE PAVING OPERATION MOVES, FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.
13. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.

SEE VAOT STANDARDS E-100 AND E-100A FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	▶	SRW500	SRWA
<b>NEWPORT CITY</b>						
VT ROUTE 105 - BEGIN PROJECT	1	2	2	1		
MOUNTAIN VIEW DR	1		1			
LOGAN DR	1		1			
ALDERBROOK RD	1		1			
W. MAIN ST	1		1			
MEMPHREMAGOG VIEWS	1		1			
LONGVIEW AVE	1		1			
WEST END AVE	1		1			
US ROUTE 5 (SOUTHERN LEG) - END PROJECT	1				2	2
US ROUTE 5 (NORTHERN LEG) - END PROJECT	1			1	2	2
<b>TOTALS</b>	<b>10</b>	<b>2</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>4</b>

**LEGEND**

- ERW = END ROAD WORK
- RW500 = ROAD WORK 500 FT
- RWA = ROAD WORK AHEAD
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500 FT
- ▶ = PORTABLE CHANGEABLE MESSAGE SIGN



**TEMPORARY TRAFFIC CONTROL PLAN SHEET**

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2720(1)

FILE NAME: p07d204.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d204ttcp.i

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