

INDEX OF SHEETS

SEE SHEET #2

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF GUILDHALL & MAIDSTONE COUNTY OF ESSEX VERMONT ROUTE 102

BEGINNING AT A POINT IN THE TOWN OF GUILDHALL, AT THE INTERSECTION OF US ROUTE 2 & VT ROUTE 102, AT MILE MARKER 0.000 AND EXTENDING NORTHERLY ALONG VERMONT ROUTE 102 FOR A DISTANCE OF 55,878 FT (10.583 MILES) TO MILE MARKER 2.835 IN THE TOWN OF MAIDSTONE. ALSO INCLUDES THE VERMONT ROUTE 102 APPROACH FROM MILE MARKER 0.000 TO MILE MARKER 0.068; AND THE TH #2 APPROACH FROM MM 0.000 TO MM 0.083 IN THE TOWN OF GUILDHALL.

LENGTH OF ROADWAY = 55,878 FT = (10.583 MILES)  
LENGTH OF VT 102 APPROACH = 359 FT = (0.068 MILES)  
LENGTH OF TH#2 APPROACH = 438 FT = (0.083 MILES)

LENGTH OF PROJECT = 56,676 FT = (10.734 MILES)

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

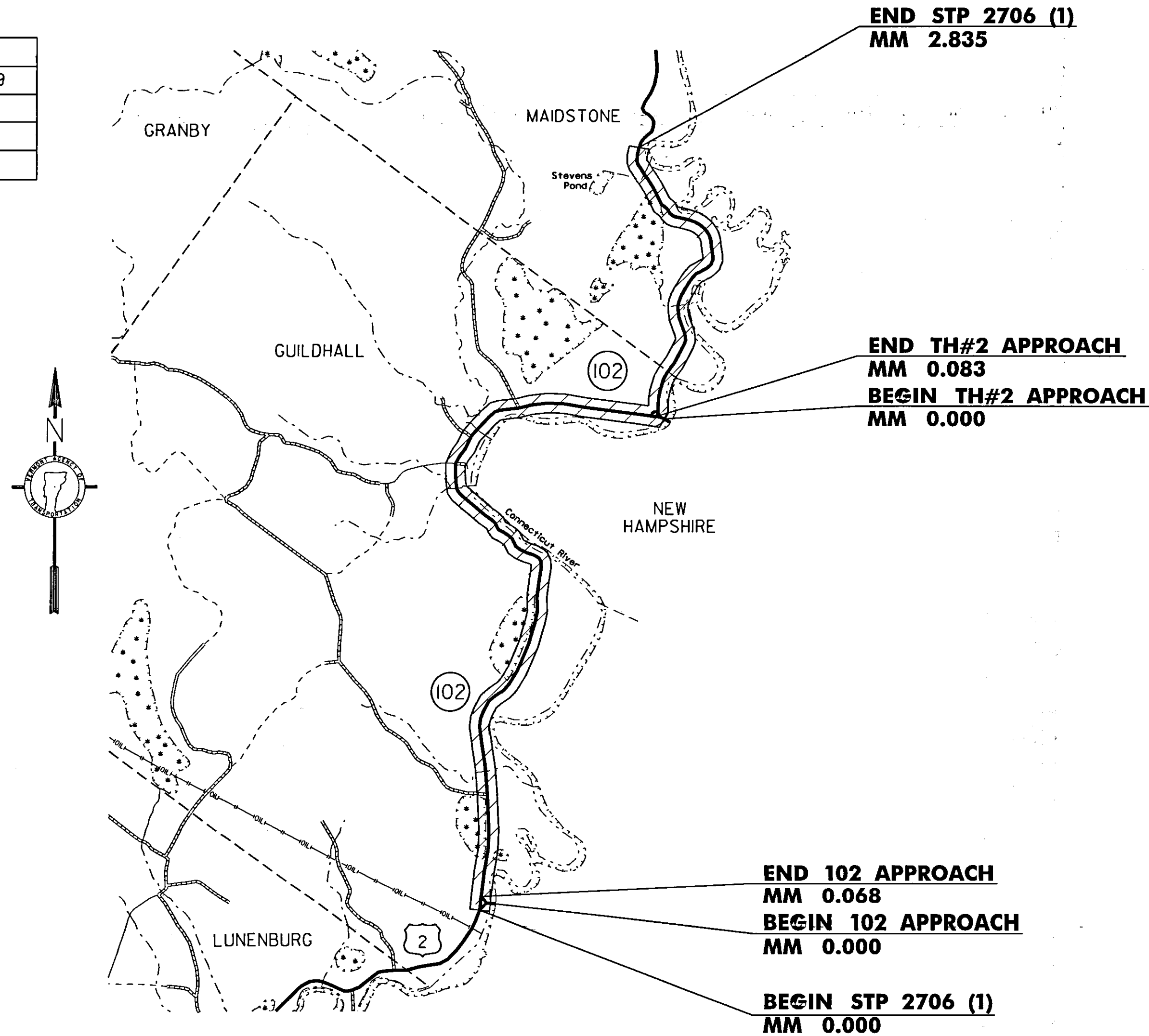
TRAFFIC DATA

SECTION	AADT		DHV		ESALS	
	2010	2020	2010	2019	2010-2019	2010-2029
BEGIN PROJECT TO TH#2	670	750	140	160	332,000	745,000
TH#2 TO END PROJECT	440	490	100	110	322,000	694,000
VT 102 APPROACH: BEGIN TO END PROJECT	530	580	120	130	190,000	494,000

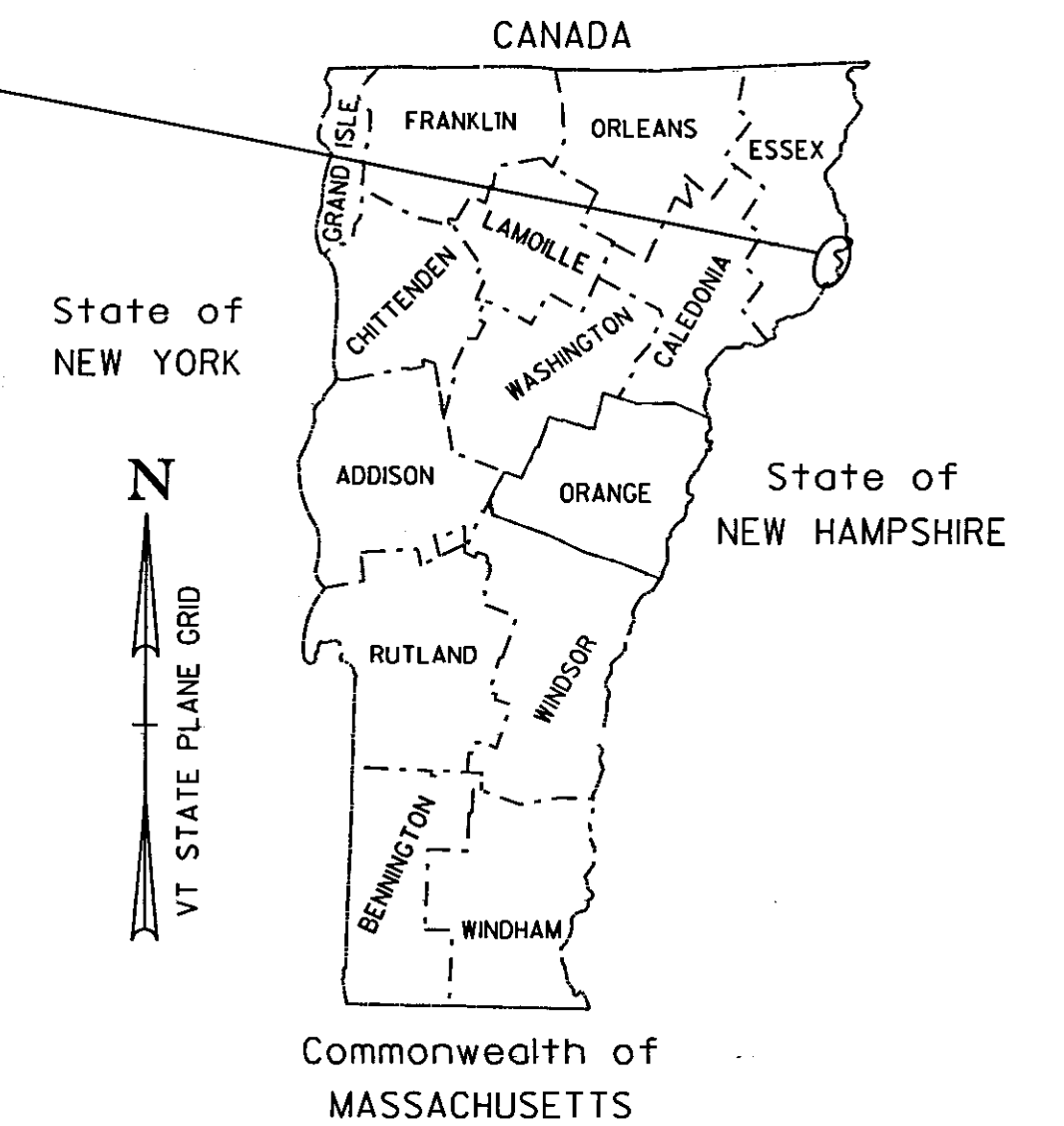
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	372,500
DESIGN NUMBER OF GYRATIONS	50
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

**CONVENTIONAL SYMBOLS**

COUNTY LINE		COUNTY LINE
TOWN LINE		TOWN LINE
LIMITS OF ACCESS		
POINT OF ACCESS		
FENCE LINE		
STONE WALL		
TRAVELED WAY		
GUARDRAIL		
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		



PROJECT LOCATION  
STP 2706 (1)



**RECORD PLANS**

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT  
RESIDENT ENGINEER: JIM FOREST  
CONSTRUCTION BEGAN: APRIL 28, 2009  
CONSTRUCTION COMPLETE: OCTOBER 20, 2010  
RECORD PLANS BY: JIM FOREST & CRAIG PIERCE

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

BY RESIDENT ENGINEER  
DATE 3/31/2011

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.

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

DIRECTOR OF PROGRAM DEVELOPMENT  
APPROVED DATE 12-3-09  
PROJECT MANAGER: KEVIN MARSHIA  
PROJECT NAME: GUILDHALL - MAIDSTONE  
PROJECT NUMBER: STP 2706 (1)  
SHEET 1 OF 18 SHEETS

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## VAOT STANDARDS

STD	DATE	DESCRIPTION
D-6	6/1/1994	REINFORCED CONCRETE DROP INLET WITH GRATE FOR USE IN DITCHES
D-8	1/3/2000	REINFORCED CONCRETE DROP INLET WITH PRECAST COVER
D-10	6/1/1994	REINFORCED CONCRETE DROP INLET TOPS - BITUMINOUS CONCRETE CURB & GRANITE SLOPE EDGING
D-15	6/1/1994	PRECAST REINF. CONC. CATCH BASIN W/CAST IRON GRATE, PRECAST REINF. CONC. MANHOLE W/ CAST IRON COVER, CAST IRON GRATE WITH FRAME, TYPE D - CAST IRON GRATE WITH FRAME, TYPE E
E-100	1/2/2004	CONSTRUCTION APPROACH SIGNS
E-100A	1/2/2004	SIDE ROAD CONSTRUCTION APPROACH SIGNS
E-101	5/30/2003	CONSTRUCTION SIGN DETAILS
E-102	6/30/2003	CONSTRUCTION SIGN DETAILS
E-102A	5/1/2004	CONSTRUCTION SIGN DETAILS
E-103	3/1/2004	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED
E-106	3/1/2004	TRAFFIC CONTROL - MISCELLANEOUS DETAILS
E-107A	6/8/2009	BREAKAWAY BARRICADE DETAILS
E-108A	6/8/2009	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS FOR PAVING
E-110	8/8/1995	MAJOR MAINTENANCE OPERATION LANE CLOSURE
E-111	3/11/1997	MINOR MAINTENANCE OPERATION
E-121	8/8/1995	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD
E-123	3/16/2004	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS
E-138	5/30/2003	MILEMARKER DETAILS - STATE & TOWN HIGHWAYS
E-141	9/20/1995	REGULATORY SIGN DETAILS
E-143	6/15/2004	REGULATORY SIGN DETAILS
E-146	9/20/1995	REGULATORY SIGN DETAILS
E-150	5/01/2004	WARNING SIGN DETAILS
E-153	5/1/2004	WARNING SIGN DETAILS
E-164	6/8/2009	SQUARE STEEL SIGN POST
E-191	2/1/1999	PAVEMENT MARKING DETAILS
E-193	8/18/1995	PAVEMENT MARKING DETAILS
G-1	1/3/2000	STEEL BEAM GUARDRAIL WITH STEEL POSTS
G-1D	1/3/2000	ANCHOR FOR STEEL BEAM RAIL
G-19	11/15/2002	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS

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3	PROJECT TYPICAL SHEET
4	PROJECT DETAILS SHEET
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7	DITCHING DETAILS SHEET
8	HANDWORK DETAILS FOR DRIVES SHEET
9-10	PROJECT LAYOUT SHEETS 1& 2
11-14	TRAFFIC SIGN SUMMARY SHEETS 1- 4
15-16	INTERSECTION DETAIL SHEETS 1& 2
17	BRIDGE DETAIL SHEET
18	CONSTRUCTION APPROACH SIGNING SHEET

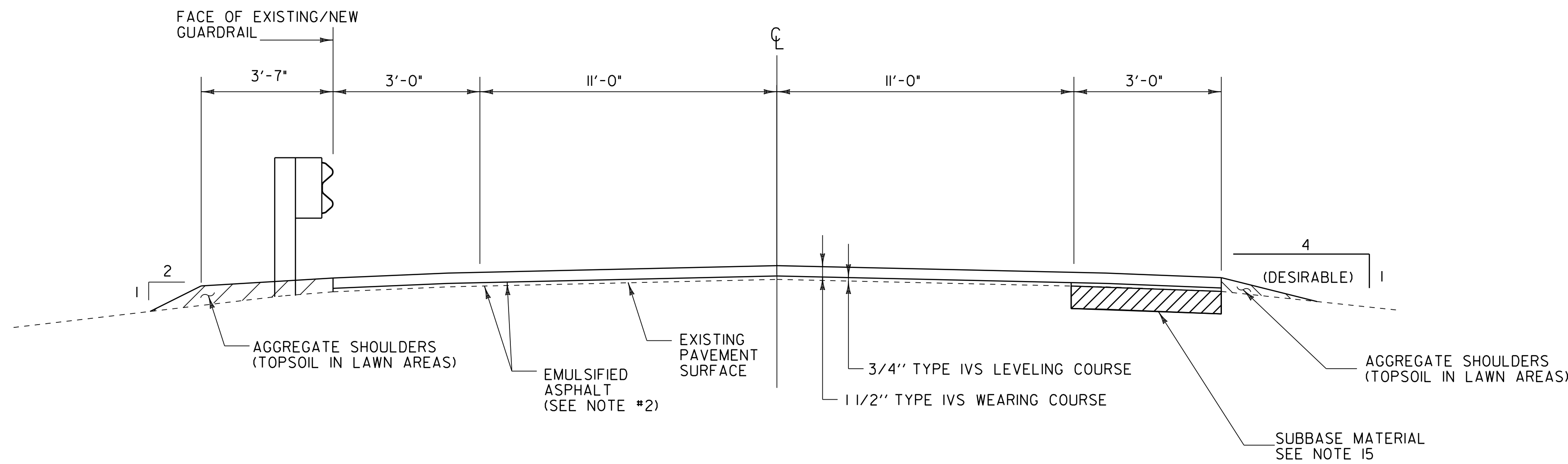
## INDEX OF SHEETS

PROJECT NAME: GUILDHALL-MAIDSTONE  
PROJECT NUMBER: STP 2706 (I)

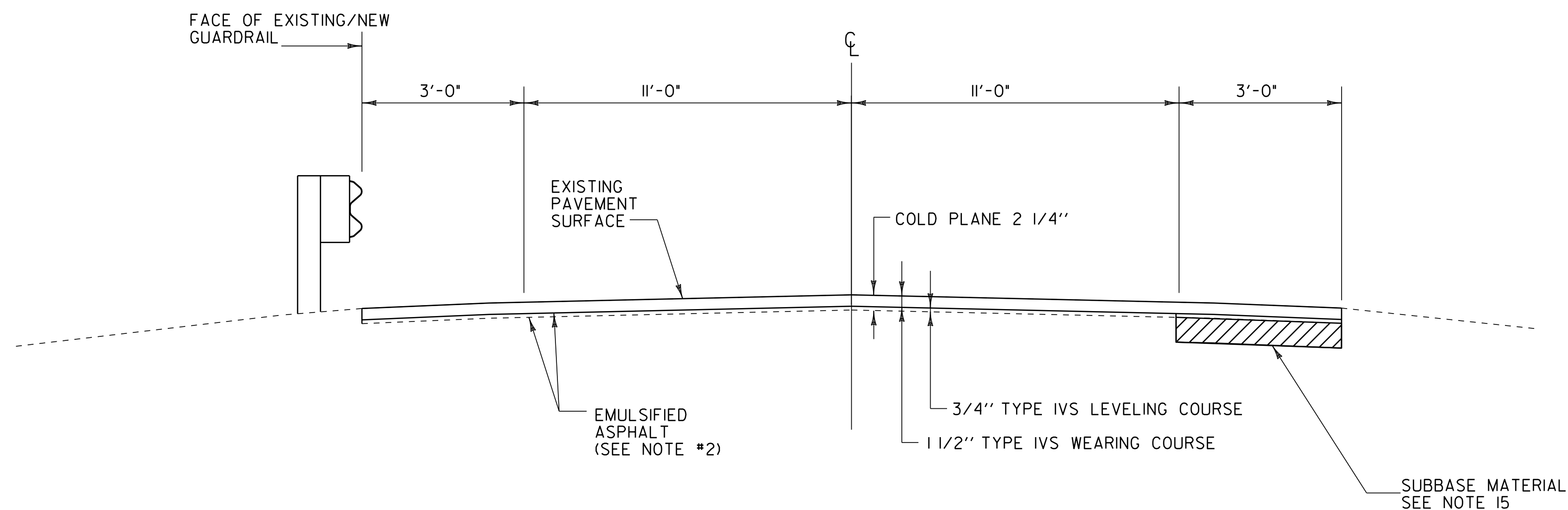
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PROJECT LEADER: DOMEY DRAWN BY: PAVT MGMT  
DESIGNED BY: PAVT MGMT CHECKED BY: PAVT MGMT  
IPARM FILE NAME: 07C162\_02.i SHEET 2 OF 18

## GENERAL NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS, ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, AS SHOWN ON THE TYPICALS.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT, AND ALL COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4 INCH +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
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 PROJECT BEGIN/END, OR AS DIRECTED BY THE RESIDENT ENGINEER, AND SHALL BE PAID UNDER ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
5. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.I3, AGGREGATE SHOULDERS, RAP. ONCE THE RAP QUANTITY IS USED UP, USE ITEM 402.I2, AGGREGATE SHOULDERS.
6. GRASS GROWING ADJACENT TO PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW SUPERPAVE BITUMINOUS CONCRETE, SHALL BE REMOVED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
7. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
8. A QUANTITY OF ITEM 676.I0, DELINEATOR WITH STEEL POSTS, HAS BEEN ADDED, AND SHALL BE USED AT THE ENDS OF EACH GUARDRAIL END TERMINAL.
9. 3'- 7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
10. COMPACTION, GRADING, AND CLEAN UP OF ITEM 402.I2, AGGREGATE SHOULDERS, ITEM 402.I3, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
11. ITEMS 604.412, 604.415, 604.418, AND 604.42 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE PLANS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S, MANHOLES AND WATER VALVES SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW FINISH GRADE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
12. ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF 25 CUBIC YARDS OF ITEM 203.30 EARTH BORROW FOR EACH NEW GUARDRAIL END SECTION FLARE HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1-6 CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.
13. YIELDING MARKER POSTS SHALL BE PLACED TO MARK INLET AND OUTLETS OF CROSS PIPES THAT ARE 30' OR LESS, OR AS DIRECTED BY THE RESIDENT ENGINEER.
14. THE PROPOSED GUARDRAIL SHALL BE INSTALLED A MINIMUM OF 14 FEET FROM THE CENTER OF THE ROAD.
15. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR RENTAL, TYPE I. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE DONE BEFORE THE LEVELING COURSE IS PAVED TO ALLOW ALL OF THE LIFTS OF PAVEMENT THROUGHOUT THE WIDENED AREA. SEE TABLE BELOW FOR EXISTING PAVEMENT WIDTHS:



**OVERLAY TYPICAL SECTION  
SEE TABLE BELOW**



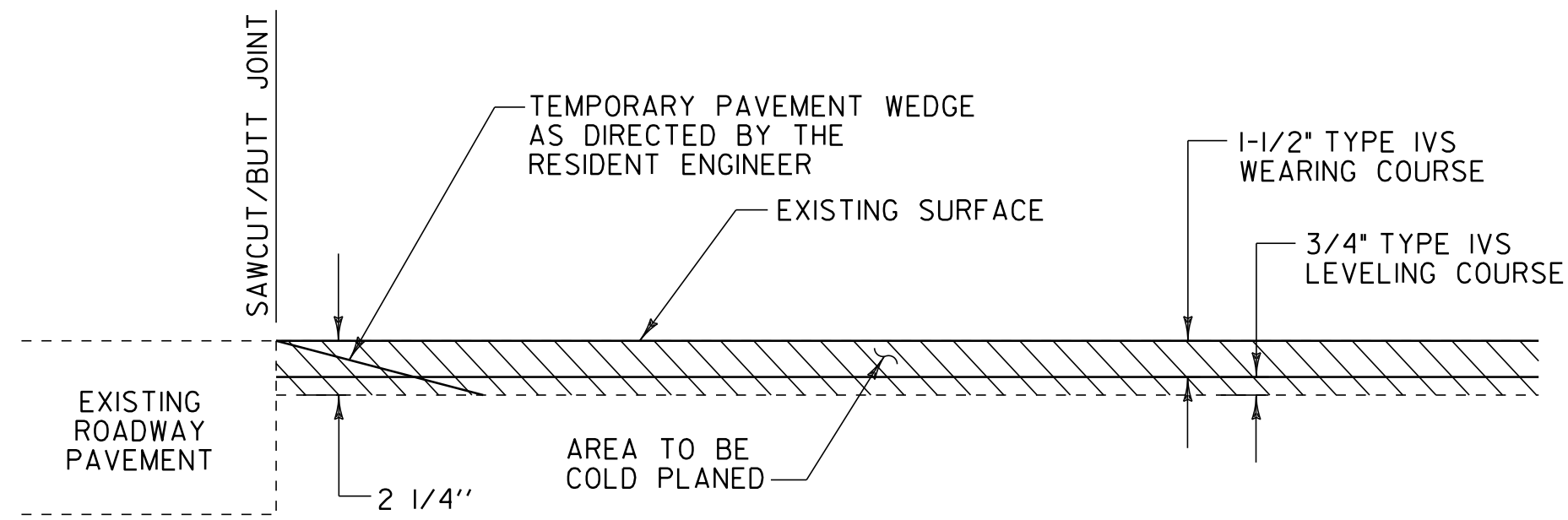
**COLD PLANE TYPICAL SECTION  
SEE TABLE BELOW**

TOWN	BEGIN MM	END MM	WEARING DEPTH	WEARING TYPE	LEVEL DEPTH	LEVEL TYPE	NOTES
GUILDHALL							
I02 APPROACH	0.000	0.068	1 1/2"	IVS	3/4"	IVS	COLD PLANE 2 1/4", LEVEL 3/4" AND OVERLAY 1 1/2"
VT I02	0.000	0.070	1 1/2"	IVS	3/4"	IVS	COLD PLANE 2 1/4", LEVEL 3/4" AND OVERLAY 1 1/2"
	0.070	5.389	1 1/2"	IVS	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2"
	5.389	5.442	1 1/2"	IVS	3/4"	IVS	COLD PLANE 2 1/4", LEVEL 3/4" AND OVERLAY 1 1/2"
	5.442	6.550	1 1/2"	IVS	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2"
	6.550	7.308	1 1/2"	IVS	3/4"	IVS	COLD PLANE 2 1/4", LEVEL 3/4" AND OVERLAY 1 1/2"
	7.308	7.748 T/L	1 1/2"	IVS	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2"
TH#2 APPROACH	0.000	0.083	1 1/2"	IVS	3/4"	IVS	COLD PLANE 2 1/4", LEVEL 3/4" AND OVERLAY 1 1/2"
MAIDSTONE							
VT I02	0.000	2.835	1 1/2"	IVS	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2"

GUILDHALL						MAIDSTONE			
MM	WIDTH	MM	WIDTH	MM	WIDTH	MM	WIDTH	MM	WIDTH
0.532	25'-0"	2.557	24'-6"	5.397	23'-3"	1.070	25'-0"	2.272	25'-1"
0.691	24'-9"	2.746	23'-9"	5.682	21'-6"	1.212	24'-4"	2.398	24'-2"
0.757	24'-8"	2.841	23'-9"	6.065	23'-0"	1.442	24'-6"	2.556	26'-2"
0.852	23'-7"	2.969	24'-8"	6.439	21'-1"	1.529	24'-9"	2.656	25'-1"
0.947	24'-0"	3.125	23'-7"	6.723	20'-6"	1.610	25'-2"	2.835	25'-2"
1.079	22'-10"	3.314	24'-0"	7.010	19'-9"	1.704	26'-2"		
1.141	23'-1"	3.401	23'-8"	7.292	18'-6"	1.792	24'-10"		
1.233	23'-0"	3.598	23'-6"	7.604	24'-7"	1.888	23'-9"		
1.375	24'-2"	3.598	23'-6"			2.032	23'-10"		
2.462	23'-10"	3.787	22'-10"			2.195	24'-1"		

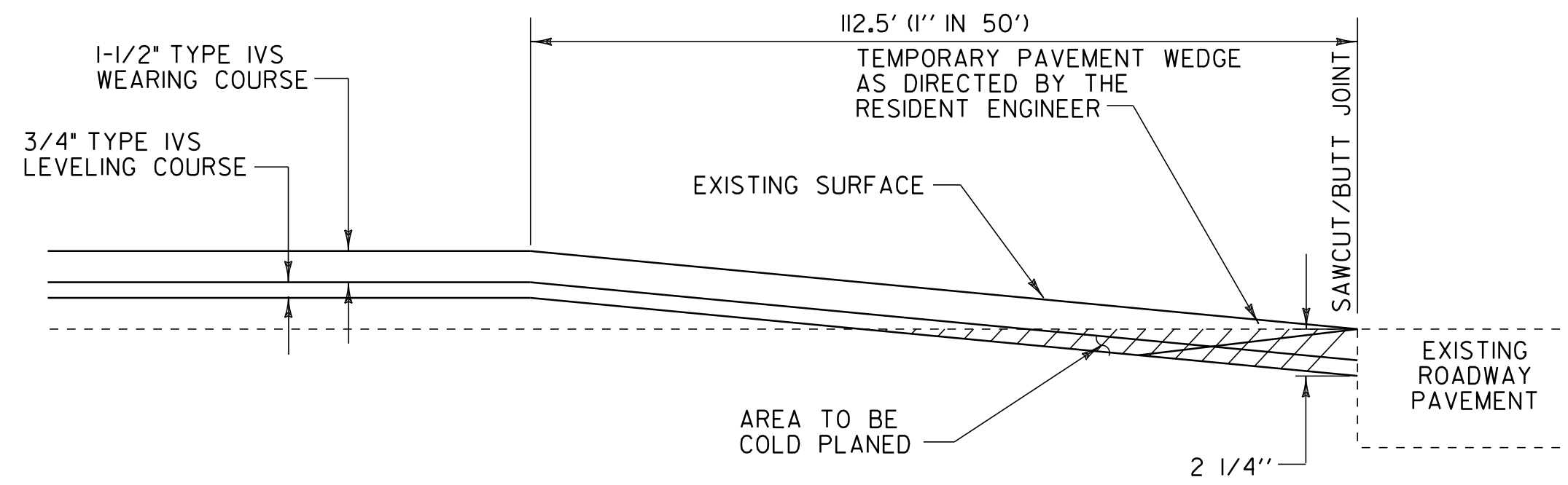
**NOT TO SCALE**

<b>PROJECT TYPICAL SHEET</b>	PROJECT NAME: GUILDHALL-MAIDSTONE	
	PROJECT NUMBER: STP 2706 (I)	
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	PROJECT LEADER: DOMEY	DRAWN BY: PAVT MGMT
DESIGNED BY: PAVT MGMT	CHECKED BY: PAVT MGMT	
IPARM FILE NAME: 07C162.03.I	SHEET 3 OF 18	



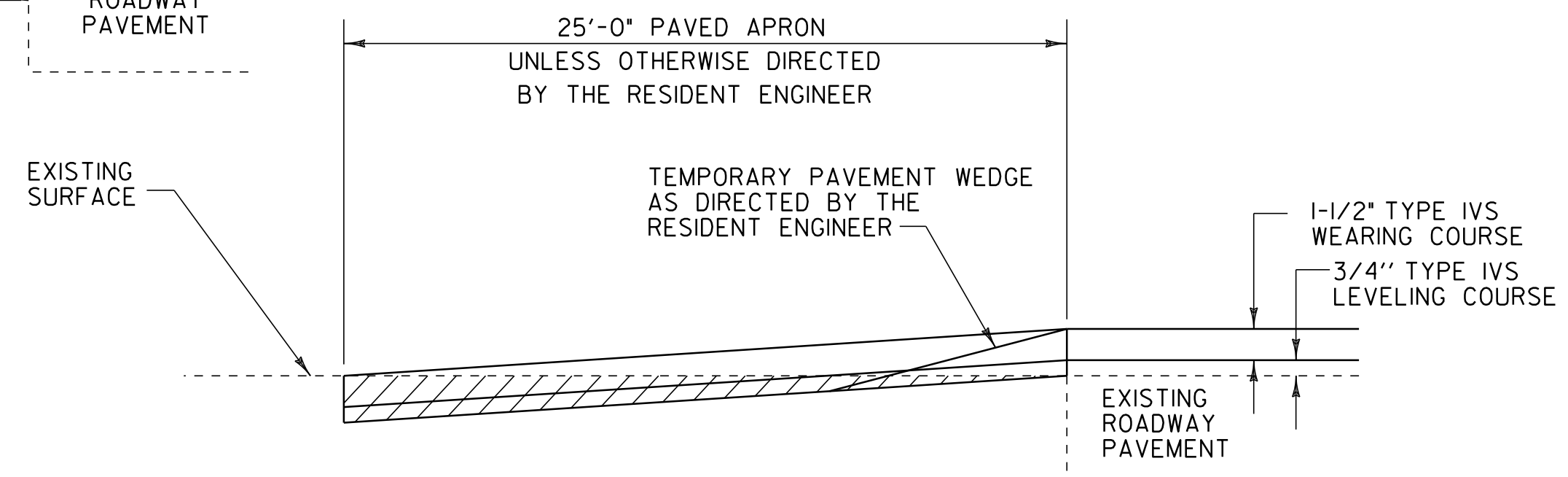
**APPROACH AREA DETAIL**

GUILDHALL  
 BEGIN PROJECT: MM 0.000  
 ROUTE 102 APPROACH: MM 0.000  
 TH\*2 APPROACH: MM 0.000  
 TH\*2 APPROACH: MM 0.000



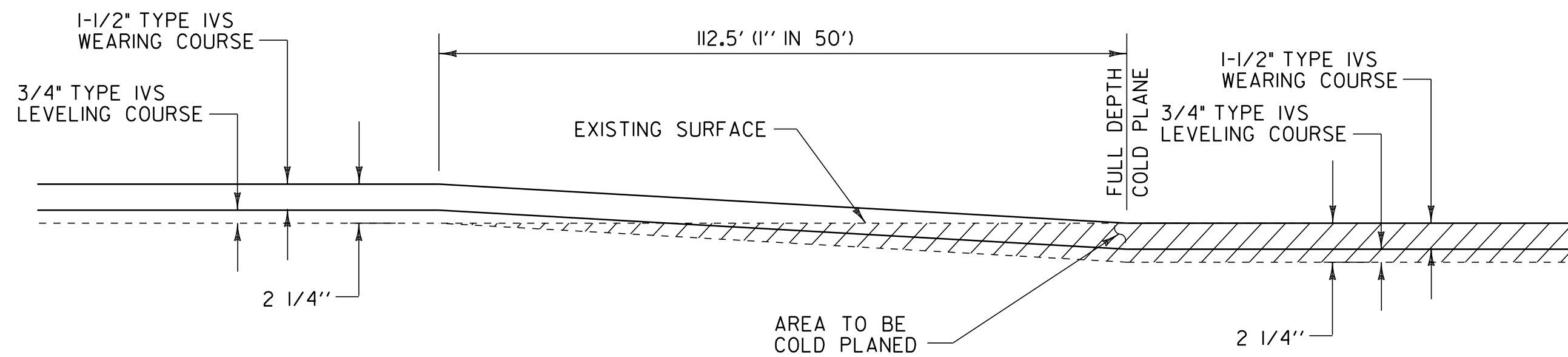
**APPROACH AREA DETAIL**

MAIDSTONE  
 END PROJECT: MM 2.835



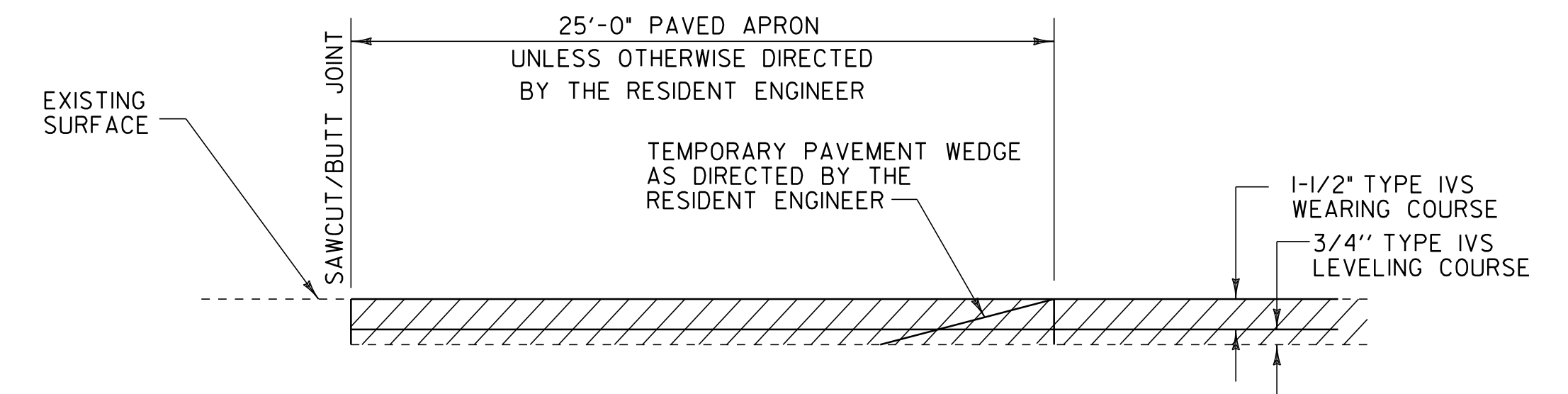
**TRANSITION AREAS FOR SIDE ROADS - OVERLAY SECTIONS**

GUILDHALL  
 TH 8, MM 1.131 LT  
 TH 1, MM 4.986 LT  
 TH 6, MM 4.986 RT  
 TH 5, MM 5.273 LT  
 TH 5, MM 5.303 LT  
 TH 3, MM 5.830 LT



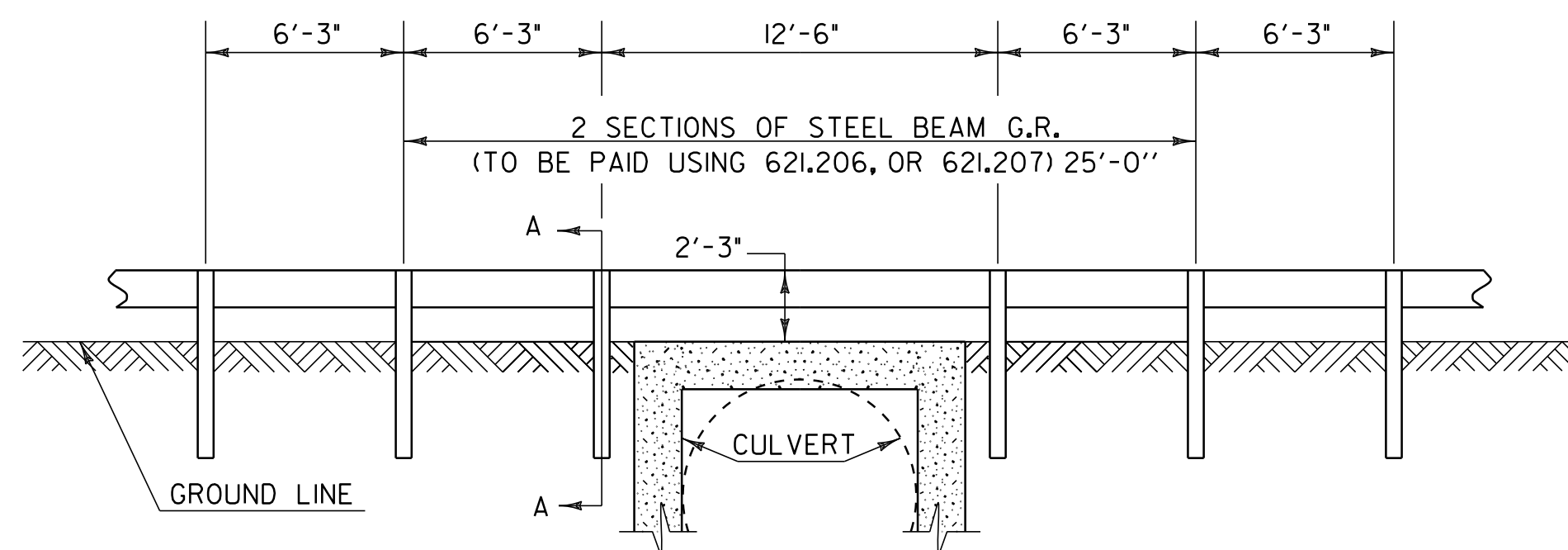
**APPROACH AREA DETAIL**

GUILDHALL  
 MM 0.070  
 MM 5.389  
 MM 6.550



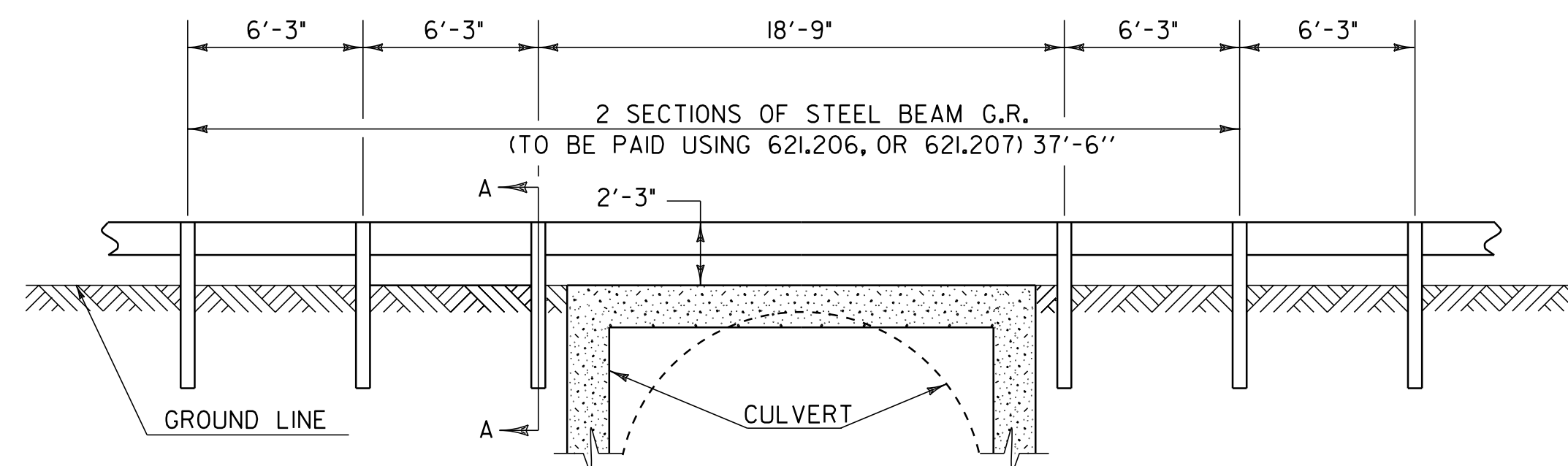
**TRANSITION AREAS FOR SIDE ROADS - COLD PLANE SECTIONS**

GUILDHALL  
 TH 4, MM 7.137 LT  
 TH 2, MM 7.180 RT  
 TH 2, MM 7.262 RT  
 TH 4, MM 7.253 LT



**DETAIL OF STEEL BEAM GUARDRAIL AT SMALL CULVERTS**

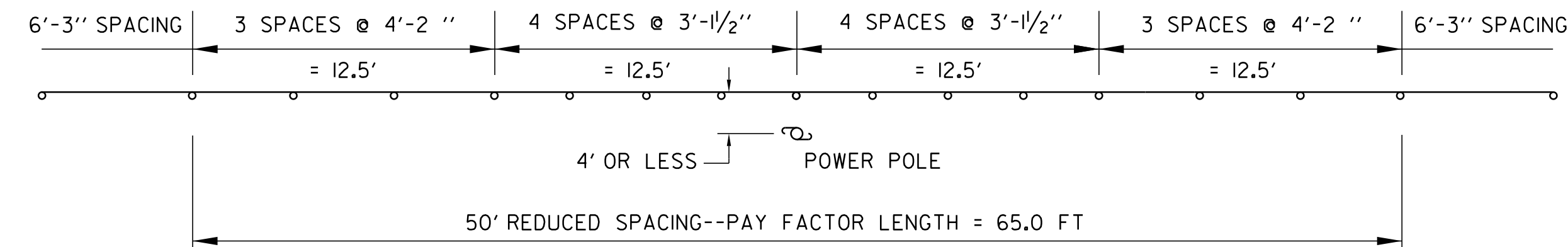
(CULVERTS UP TO 4' WIDE)



**DETAIL OF STEEL BEAM GUARDRAIL AT LARGE CULVERTS**

(CULVERTS GREATER THAN 4' WIDE)

GUILDHALL  
 MM 1.350 LT  
 MM 1.350 RT  
 MM 4.785 RT  
 MM 4.785 LT



**GUARDRAIL DETAIL**

(OBJECTS WITHIN 4.0' OF GUARDRAIL)

GUILDHALL	MAIDSTONE
MM 1.322 LT	MM 5.385 LT
MM 1.372 LT	MM 5.890 RT
MM 4.755 RT	MM 7.680 RT
MM 5.315 LT	
MM 5.350 LT	

**NOT TO SCALE**

<b>PROJECT DETAILS SHEET</b>	PROJECT NAME: GUILDHALL-MAIDSTONE
	PROJECT NUMBER: STP 2706 (I)
	FILE NAME: ...07C162\...07C162.dgn
	IPARM FILE NAME: 07C162_04.i
	PLOT DATE: 31-OCT-2011 10:43
	DRAWN BY: PAVT MGMT
	CHECKED BY: PAVT MGMT
	SHEET 4 OF 18





**SEEDING FORMULA  
RURAL AREAS**

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

**GENERAL NOTES**

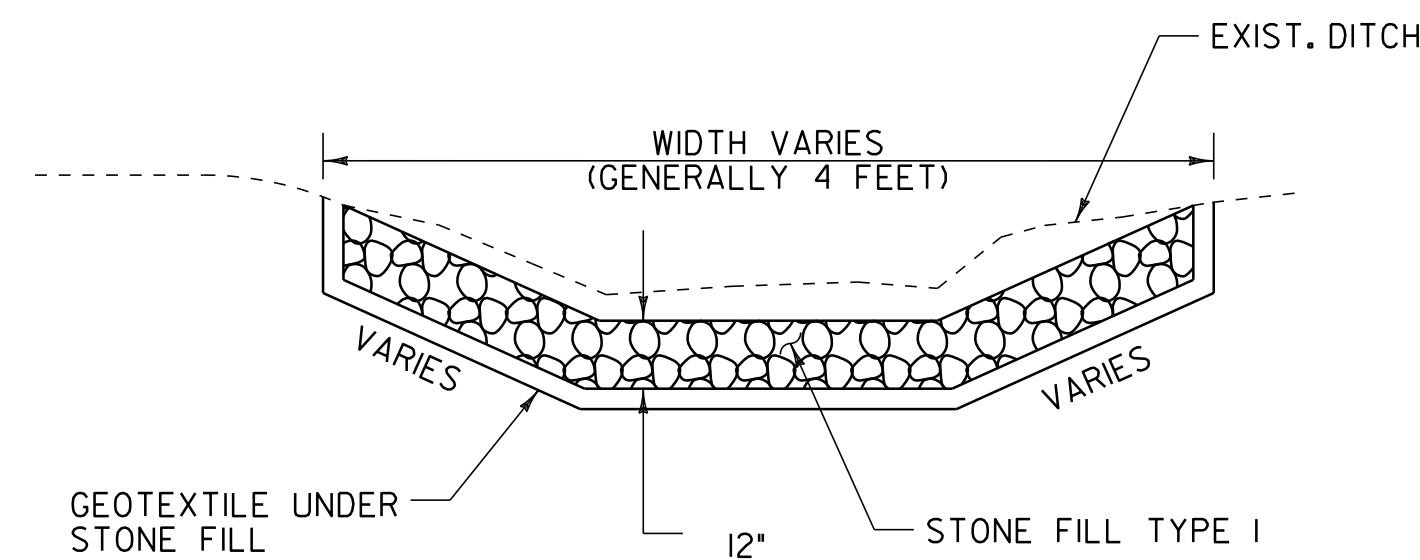
SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

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.



**DITCH DETAIL**

Site	Town	M.M.	M.M.	POS	SLOPE	SLOPE	613.10 STONE FILL TYPE I (CY)	649.31 GEOTEXTILE UNDER STONE FILL (SY)	653.20 TEMPORARY EROSION MATTING (SY)
					0 - 2.5 (FT)	> 2.5 (FT)			
1	GUILDHALL								
2	Assume 1000 LF					500	74.1	444.4	
3									
4						500			333.3
5									
6			0.104	RT		20	14.8	44.4	
7									
8			1.681	RT		20	14.8	44.4	
9									
10		4.040	4.700	LT	3500				2333.1
11									
12			4.785	RT - BR 2		50	37.0	111.1	
13									
14			4.785	LT - BR 2		50	37.0	111.1	
15									
16			7.485	RT		20	14.8	44.4	
17									
18									
19	MAIDSTONE								
20	Assume 1000 LF					500	74.1	444.4	
21									
22						500			333.3
23									
24		1.120	1.160	RT	212				150.0
25									
26									
27	<b>SUBTOTAL</b>				<b>4712</b>	<b>1160</b>	<b>266.7</b>	<b>1244.4</b>	<b>3149.7</b>
28	<b>ROUNDING</b>						<b>33.3</b>	<b>255.6</b>	<b>75.3</b>
29	<b>TOTAL</b>				<b>4712</b>	<b>1160</b>	<b>300.0</b>	<b>1500.0</b>	<b>3225.0</b>
30									

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

TEMPORARY EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 0 AND 2.5 PERCENT AND STONE FILL (TYPE I) SHALL BE USED IN ALL DITCHES WITH A GRADE GREATER THAN 2.5 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER

**NOT TO SCALE**

**DITCHING  
DETAILS  
SHEET**

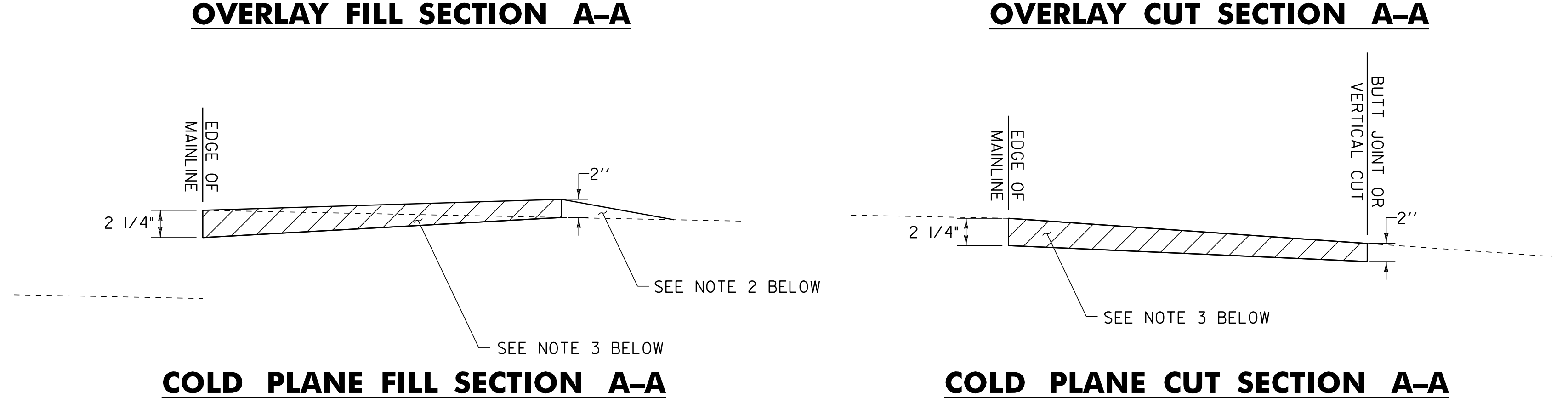
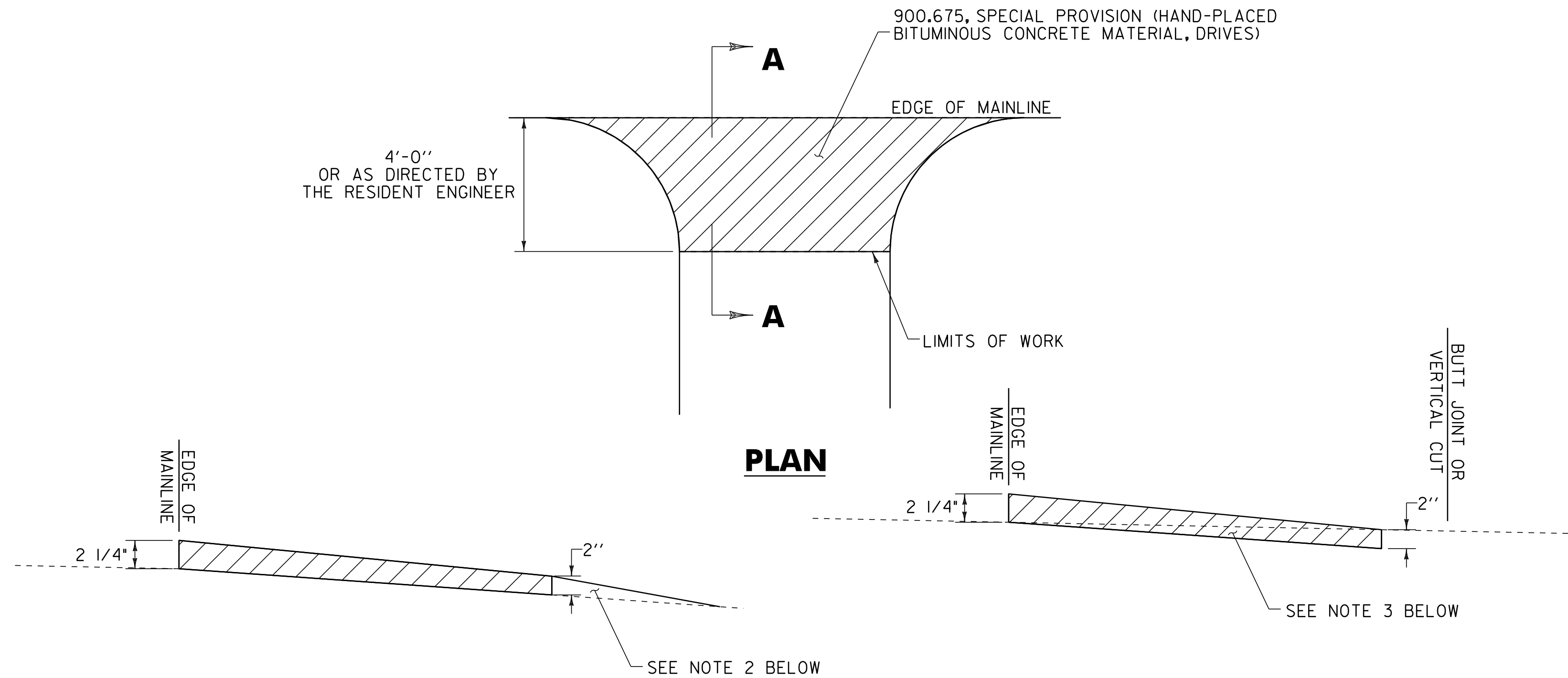
PROJECT NAME:	GUILDHALL-MAIDSTONE
PROJECT NUMBER:	STP 2706 (I)
FILE NAME: ...07C162\...07C162.dgn	PLOT DATE: 31-OCT-2011 10:43
PROJECT LEADER: DOMEY	DRAWN BY: PAVT MGMT
DESIGNED BY: PAVT MGMT	CHECKED BY: PAVT MGMT
IPARM FILE NAME: 07C162_07.i	SHEET 7 OF 18

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

M.M.	POSITION	QUANTITY (SY)
GUILDHALL		
0.105	LT	8.9
0.177	LT	8.9
0.236	LT	26.7
0.294	LT	11.1
0.332	LT	6.2
0.378	LT	7.6
0.395	LT	14.7
0.433	RT	8.9
0.534	LT	5.3
0.625	RT	7.6
0.627	LT	11.1
0.646	RT	11.6
0.762	LT	10.2
0.963	RT	13.3
1.043	LT	33.8
1.052	RT	22.2
1.060	LT	4.9
1.118	RT	8.0
1.190	RT	9.3
1.203	RT	6.7
1.237	LT	9.8
1.262	RT	31.1
1.274	LT	4.4
1.279	LT	5.8
1.401	RT	12.9
1.439	RT	8.9
1.439	LT	8.9
1.465	LT	6.7
1.638	LT	9.3
1.661	LT	11.6
1.673	RT	18.2
1.709	LT	14.7
1.758	RT	9.3
1.796	LT	11.1
1.824	RT	28.9
1.863	RT	10.2
1.937	LT	11.1
1.970	RT	17.8
2.002	LT	14.2
2.074	LT	16.4
2.204	LT	11.1
2.269	RT	9.8
2.273	LT	9.8
2.277	RT	8.0
2.291	LT	12.0
2.330	LT	5.8
2.367	LT	8.9
2.430	RT	5.8
2.493	LT	35.1
2.501	RT	8.9
2.807	RT	8.9
2.956	RT	10.7
2.967	RT	10.7
3.297	LT	17.8
3.377	RT	30.7
3.482	LT	13.8
3.835	LT	44.9
3.853	LT	8.9

M.M.	POSITION	QUANTITY (SY)
3.908	LT	30.7
4.076	LT	19.6
4.312	LT	13.8
4.501	LT	11.6
4.659	RT	13.8
4.666	LT	8.0
5.283	RT	18.2
5.521	LT	10.2
5.663	LT	19.1
5.782	LT	10.2
5.834	LT	10.2
5.858	LT	10.2
5.885	RT	4.4
5.953	RT	11.6
6.030	LT	15.6
6.063	LT	21.3
6.112	LT	12.4
6.145	LT	10.2
6.175	LT	7.6
6.184	RT	9.3
6.202	LT	7.6
6.224	RT	14.2
6.305	LT	13.3
6.316	RT	7.6
6.378	RT	11.1
6.408	LT	8.9
6.432	LT	8.9
6.457	RT	30.7
6.481	LT	42.2
6.545	LT	13.3
6.665	RT	11.1
6.686	LT	21.8
6.697	RT	33.3
6.719	RT	18.7
6.757	LT	16.9
6.783	LT	12.4
6.822	LT	9.8
6.843	LT	10.2
6.869	LT	7.1
6.887	LT	11.6
7.002	LT	20.9
7.050	LT	8.9
7.081	RT	8.9
7.083	LT	8.9
7.096	LT	22.2
7.118	RT	9.8
7.131	LT	8.9
7.160	LT	7.6
7.169	RT	24.0
7.186	RT	7.6
7.196	LT	57.8
7.200	RT	14.2
7.348	LT	14.7
7.358	RT	7.6
7.361	LT	5.3
7.379	LT	8.9
7.389	RT	56.4
7.411	LT	15.6
7.235	RT	44.4
7.252	RT	44.4

M.M.	POSITION	QUANTITY (SY)
MAIDSTONE		
0.043	RT	8.9
0.043	LT	8.9
7.323	RT	76.4
7.499	LT	11.1
7.688	LT	9.8
7.733	LT	8.4
7.761	RT	12.9
7.782	RT	5.8
0.033	RT	9.3
0.067	RT	11.6
0.078	RT	11.1
0.130	LT	8.9
0.310	RT	17.8
0.325	RT	10.7
0.372	LT	12.9
0.410	LT	10.7
0.495	RT	36.0
0.706	LT	11.1
0.757	LT	11.1
0.975	LT	8.0
0.978	LT	8.0
1.006	LT	14.2
1.157	RT	17.8
1.164	LT	13.3
1.335	RT	22.2
1.430	RT	13.8
1.501	LT	27.1
1.518	RT	16.0
1.525	RT	16.0
1.573	RT	9.3
1.577	LT	8.9
1.735	LT	13.3
1.818	RT	13.3
1.922	LT	14.7
2.146	LT	10.2
2.279	LT	12.4
2.327	LT	8.4
2.367	LT	8.9
2.392	LT	9.3
2.591	LT	13.3
2.330	RT	7.6
2.345	RT	13.3
2.384	RT	15.6
2.402	RT	20.0
2.495	RT	5.8
2.613	LT	16.4
2.687	LT	13.3
2.831	LT	19.6
2.853	RT	9.8
SUBTOTAL	=	2428.4
ROUNDING	=	71.6
TOTAL	=	2500



**LEGEND**

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

- NOTES:**
- PAVING LIFT NOT TO EXCEED 2".
  - THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
  - 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).
  - ALL DRIVES SHALL RECEIVE A MINIMUM 4'-0" PAVED APRON PER SPECIAL PROVISION UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. 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).
  - GRASS GROWING ADJACENT TO PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW HAND-PLACED BITUMINOUS CONCRETE MATERIAL, SHALL BE REMOVED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

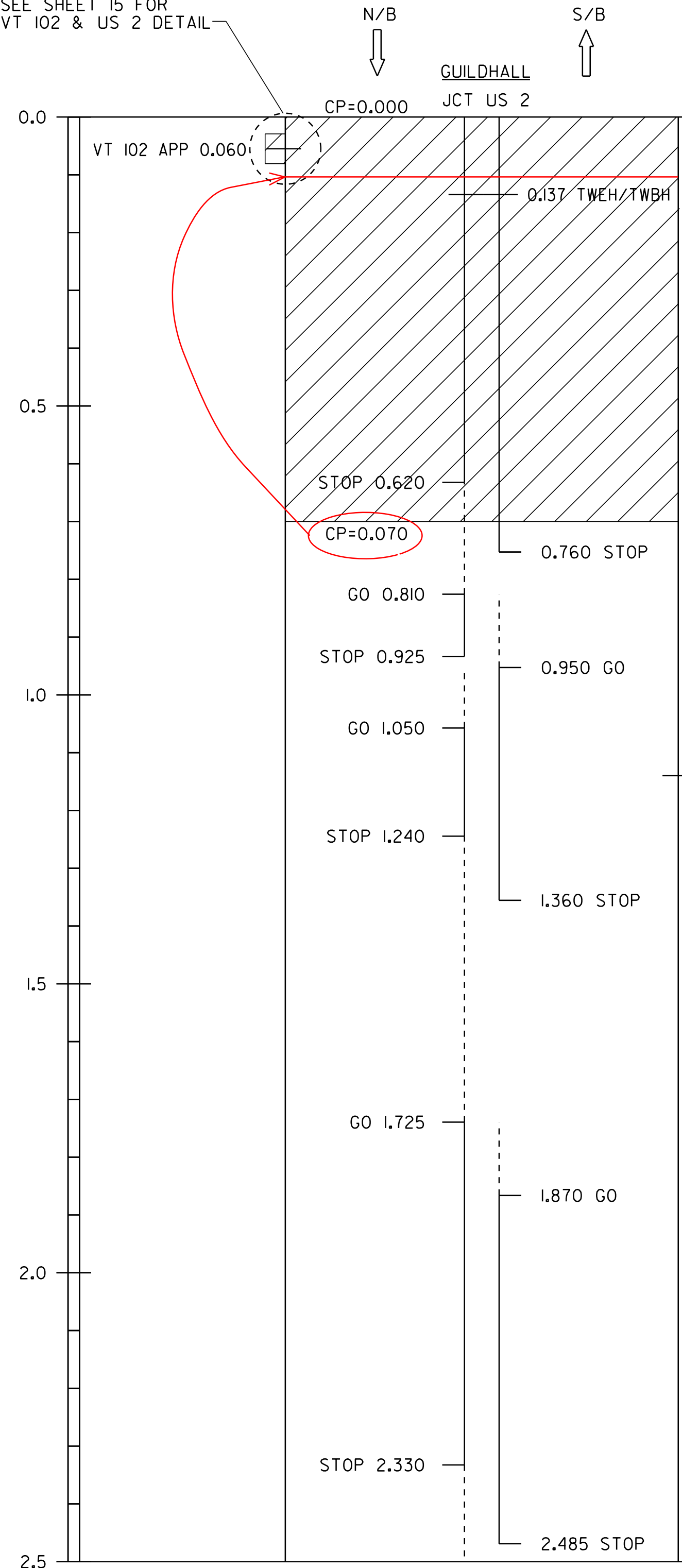
**HANDWORK  
DETAILS FOR  
DRIVES  
SHEET**

**HANDWORK  
DETAILS FOR  
DRIVES  
SHEET**

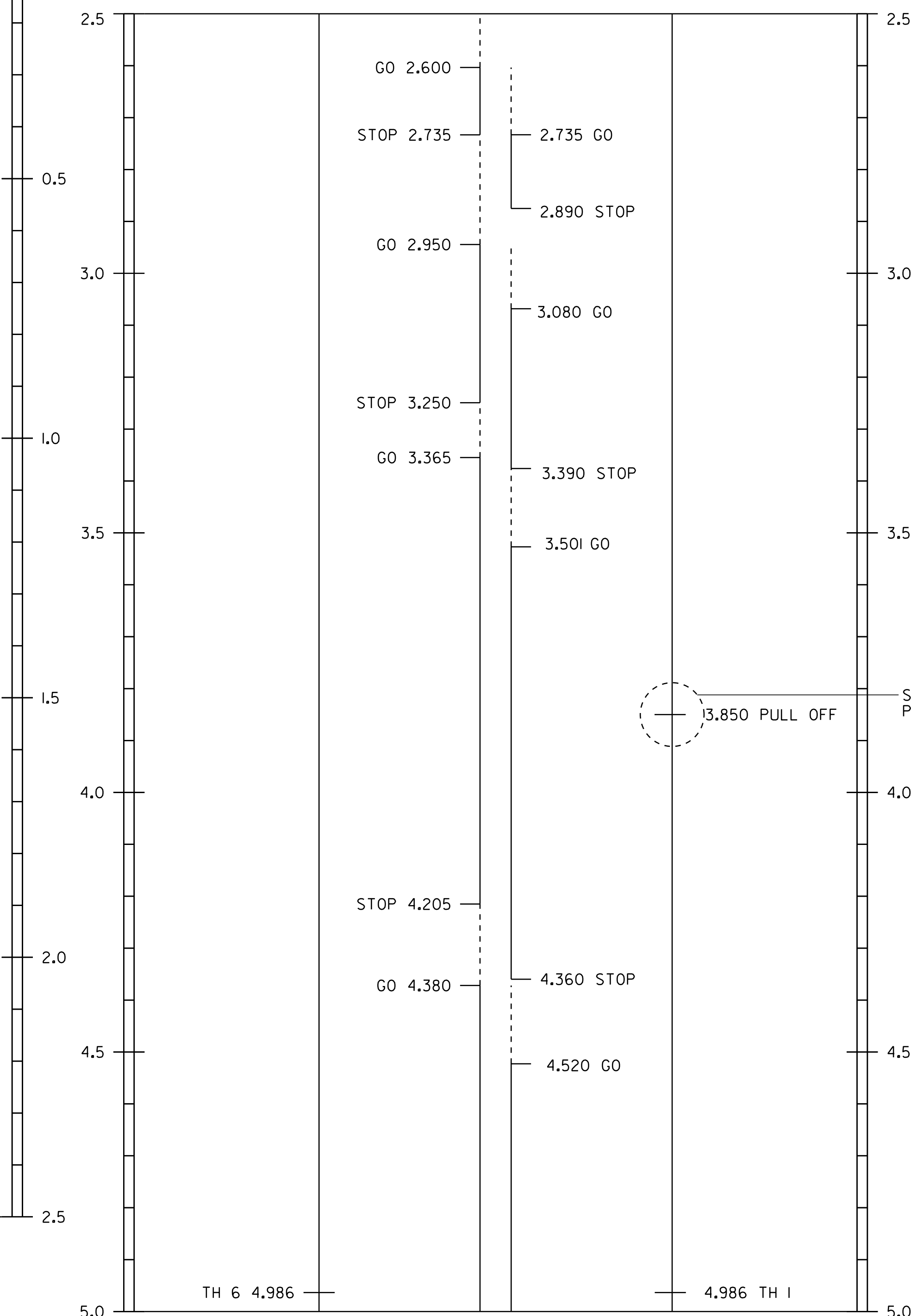
PROJECT NAME:	GUILDHALL-MAIDSTONE
PROJECT NUMBER:	STP 2706 (I)
FILE NAME: ...07C162\...07C162.dgn	PLOT DATE: 31-OCT-2011 10:43
PROJECT LEADER: DOMEY	DRAWN BY: PAVT MGMT
DESIGNED BY: PAVT MGMT	CHECKED BY: PAVT MGMT
IPARM FILE NAME: 07C162_08.i	SHEET 8 OF 18



SEE SHEET 15 FOR VT 102 & US 2 DETAIL



**BEGIN STP 2706 (1)**  
**MM 0.000**



SEE NEXT SHEET

- 646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
- 646.602 TEMPORARY 4" WHITE LINE, PAINT
- MM 0.000 TO MM 5.000 LT & RT, SOLID EDGE LINE (INCLUDES GAP FOR TOWN HIGWAYS)
- MM 1.131 LT & RT, TH 8, SOLID EDGE LINE
- MM 4.986 LT & RT, TH 1, SOLID EDGE LINE
- MM 4.986 LT & RT, TH 6, SOLID EDGE LINE
- 646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
- 646.612 TEMPORARY 4" YELLOW LINE, PAINT
- MM 0.000 TO MM 0.620 LT & RT, DOUBLE SOLID CL
- MM 0.620 TO MM 0.760, DASH RT, SOLID LT
- MM 0.760 TO MM 0.810, DASH RT
- MM 0.810 TO MM 0.925, DASH LT, SOLID RT
- MM 0.925 TO MM 0.950, DASH LT
- MM 0.950 TO MM 1.050, DASH RT, SOLID LT
- MM 1.050 TO MM 1.240 LT & RT, DOUBLE SOLID CL (INCLUDES 40' GAP FOR TOWN HIGWAYS)
- MM 1.131 LT & RT, TH 8, DOUBLE SOLID CL
- MM 1.240 TO MM 1.360, DASH RT, SOLID LT
- MM 1.360 TO MM 1.725, DASH RT
- MM 1.725 TO MM 1.870, DASH LT, SOLID RT
- MM 1.870 TO MM 2.330 LT & RT, DOUBLE SOLID CL
- MM 2.330 TO MM 2.485, DASH RT, SOLID LT
- MM 2.485 TO MM 2.600, DASH RT
- MM 2.600 TO MM 2.735, DASH LT, SOLID RT
- MM 2.735 TO MM 2.890, DASH RT, SOLID LT
- MM 2.890 TO MM 2.950, DASH RT
- MM 2.950 TO MM 3.080, DASH LT, SOLID RT
- MM 3.080 TO MM 3.250 LT & RT, DOUBLE SOLID CL
- MM 3.250 TO MM 3.365, DASH RT, SOLID LT
- MM 3.365 TO MM 3.390 LT & RT, DOUBLE SOLID CL
- MM 3.390 TO MM 3.501, DASH LT, SOLID RT
- MM 3.501 TO MM 4.205 LT & RT, DOUBLE SOLID CL
- MM 4.205 TO MM 4.360, DASH RT, SOLID LT
- MM 4.360 TO MM 4.380, DASH RT
- MM 4.380 TO MM 4.520, DASH LT, SOLID RT
- MM 4.520 TO MM 5.000 LT & RT, DOUBLE SOLID CL (INCLUDES 40' GAP FOR TOWN HIGWAYS)
- MM 4.986 LT & RT, TH 1, DOUBLE SOLID CL
- MM 4.986 LT & RT, TH 1, DOUBLE SOLID CL

- 646.482 DURABLE 24" STOP BAR, THERMOPLASTIC
- 646.682 TEMPORARY 24" STOP BAR, PAINT
- ~~MM 0.033 LT~~
- MM 1.131 LT, TH 8
- MM 4.986 LT, TH 1
- MM 4.986 RT, TH 6

- 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
- 646.692 TEMPORARY LETTER OR SYMBOL, PAINT
- MM 0.008 RT, YIELD SYMBOLS - 3 EA
- ~~MM 0.030 LT, "STOP"~~
- MM 0.164 LT, "STOP AHEAD"
- MM 1.131 LT, TH 8, "STOP"
- MM 4.986 LT, TH 1, "STOP"
- MM 4.986 RT, TH 6, "STOP"

- 621.20 STEEL BEAM GUARDRAIL, GALVANIZED
- MM 0.455 TO MM 0.523 RT
- MM 0.466 TO MM 0.523 LT
- MM 1.314 TO MM 1.347 LT
- MM 1.354 TO MM 1.382 LT

- 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
- MM 0.523 TO MM 0.527 RT
- MM 1.338 TO MM 1.347 RT
- MM 1.354 TO MM 1.387 RT
- MM 2.150 TO MM 2.220 RT
- MM 2.195 TO MM 2.225 LT
- MM 4.690 TO MM 4.782 RT
- MM 4.789 TO MM 4.808 RT
- MM 4.749 TO MM 4.782 LT
- MM 4.789 TO MM 4.833 LT

- 621.206 STEEL BEAM GUARDRAIL, GALVANIZED/NESTED
- MM 1.347 TO MM 1.354 LT

- 621.207 STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS
- MM 1.347 TO MM 1.354 RT

- 621.50 MANUFACTURED TERMINAL SECTION, FLARED
- MM 0.448 TO MM 0.455 RT
- MM 0.459 TO MM 0.466 LT
- MM 0.523 TO MM 0.530 LT
- MM 1.307 TO MM 1.314 LT
- MM 1.331 TO MM 1.338 RT
- MM 1.382 TO MM 1.389 LT
- MM 1.387 TO MM 1.394 RT
- MM 2.143 TO MM 2.150 RT
- MM 2.220 TO MM 2.227 RT
- MM 4.742 TO MM 4.749 LT
- MM 4.683 TO MM 4.690 RT
- MM 4.808 TO MM 4.815 RT
- MM 4.833 TO MM 4.840 LT

- 621.60 ANCHOR FOR STEEL BEAM RAIL
- MM 0.527 RT
- MM 2.195 LT
- MM 2.225 LT

- 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
- MM 1.295 TO MM 1.370 LT
- MM 1.310 TO MM 1.370 RT
- MM 4.685 TO MM 4.805 RT
- MM 4.750 TO MM 4.823 LT

- 621.81 REMOVAL AND DISPOSAL OF GUIDE POSTS
- MM 0.455 TO MM 0.475 RT
- MM 0.485 TO MM 0.510 LT
- MM 2.165 TO MM 2.210 RT
- MM 2.195 TO MM 2.225 LT

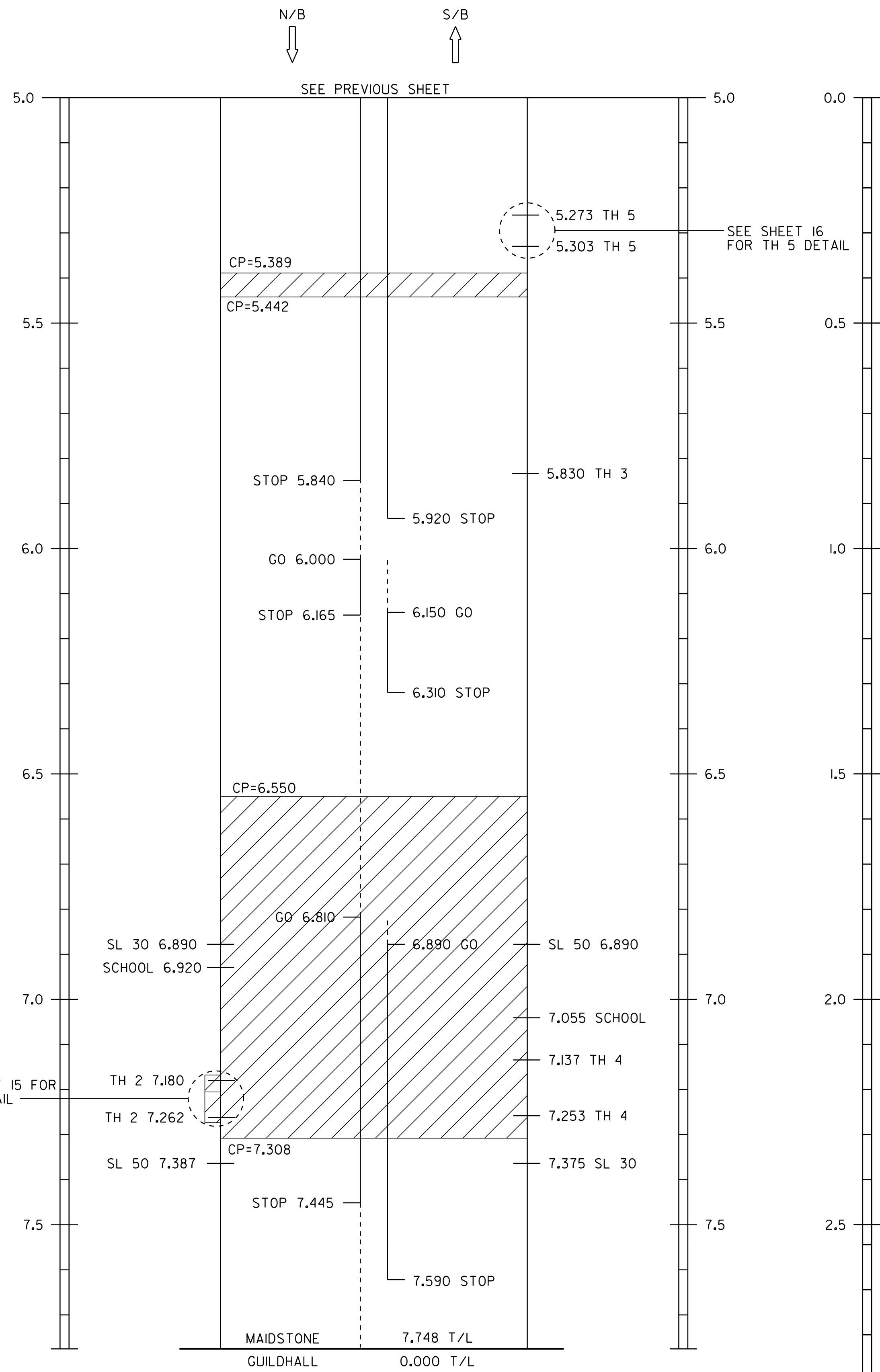
- 675.20 TRAFFIC SIGN, TYPE A
- 675.341 SQUARE TUBE SIGN POST AND ANCHOR
- 675.50 REMOVING SIGNS
- 675.60 ERECTING SALVAGED SIGNS
- SEE TRAFFIC SIGN SUMMARY SHEETS FOR ALL SIGN INFORMATION

**LEGEND**

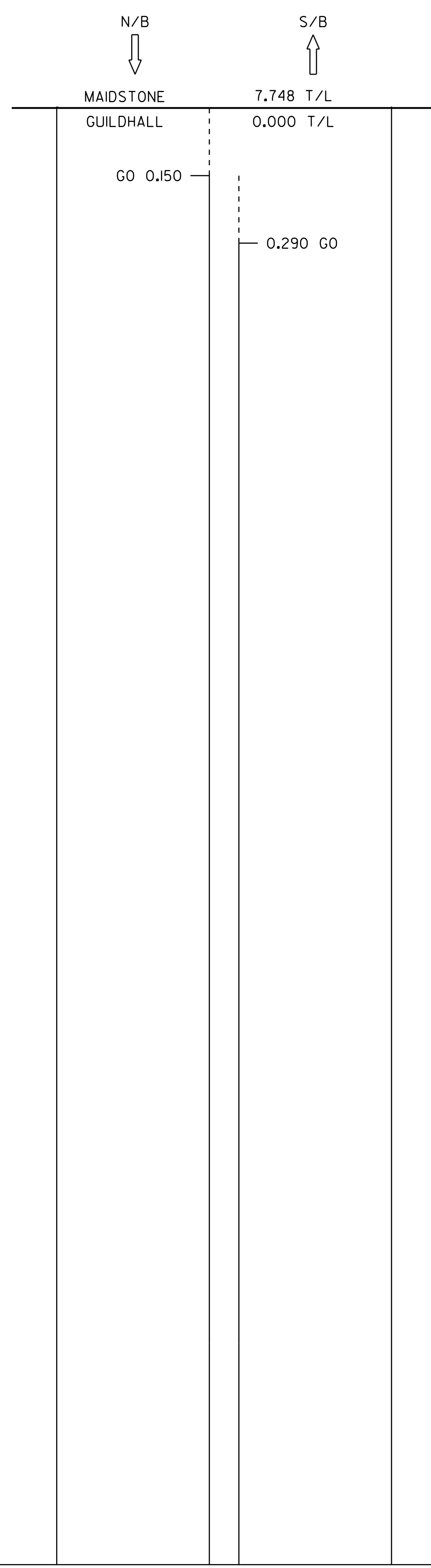
COLD PLANE AREAS

**NOT TO SCALE**

<b>PROJECT LAYOUT SHEET #1</b>	PROJECT NAME: GUILDHALL-MAIDSTONE	
	PROJECT NUMBER: STP 2706 (1)	
FILE NAME: ...07C162\...07C162.dgn	PROJECT LEADER: DOMEY	PLOT DATE: 31-OCT-2011 10:43
DESIGNED BY: PAVT MGMT	IPARM FILE NAME: 07C162_09.j	DRAWN BY: PAVT MGMT
		CHECKED BY: PAVT MGMT
		SHEET 9 OF 18



**END STP 2706 (1)**  
**MM 2.835**



- 646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC
- 646.602 TEMPORARY 4" WHITE LINE, PAINT
- GUILDHALL
- MM 5.000 TO MM 7.748 LT & RT, SOLID EDGE LINE (INCLUDES GAP FOR TOWN HIGHWAYS)
- MM 5.830 LT & RT, TH 3, SOLID EDGE LINE
- MM 7.137 LT & RT, TH 4, SOLID EDGE LINE
- MM 7.253 LT & RT, TH 4, SOLID EDGE LINE
- MAIDSTONE
- MM 0.000 TO MM 2.835 LT & RT, SOLID EDGE LINE
  
- 646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC
- 646.612 TEMPORARY 4" YELLOW LINE, PAINT
- GUILDHALL
- MM 5.000 TO MM 5.840 LT & RT, DOUBLE SOLID CL (INCLUDES 40' GAP FOR TOWN HIGHWAYS)
- MM 5.830 LT & RT, TH 3, DOUBLE SOLID CL
- MM 5.840 TO MM 5.920, DASHED RT, SOLID LT
- MM 5.920 TO MM 6.000, DASH LT
- MM 6.000 TO MM 6.150, SOLID RT, DASH LT
- MM 6.150 TO MM 6.165 LT & RT, DOUBLE SOLID CL
- MM 6.165 TO MM 6.310, DASH RT, SOLID LT
- MM 6.310 TO MM 6.810, DASH LT
- MM 6.810 TO MM 6.890, SOLID RT, DASH LT
- MM 6.890 TO MM 7.445 LT & RT, DOUBLE SOLID CL
- MM 7.445 TO MM 7.590, DASH RT, SOLID LT
- MM 7.590 TO MM 7.747, DASH RT (INCLUDES 40' GAP FOR TOWN HIGHWAYS)
- MM 7.137 LT & RT, TH 4, DOUBLE SOLID CL
- MM 7.253 LT & RT, TH 4, DOUBLE SOLID CL
- MAIDSTONE
- MM 0.000 TO MM 2.835 LT & RT, DOUBLE SOLID CL
  
- 525.50 BRIDGE RAILING REPAIR, TYPE I
- GUILDHALL
- MM 5.414 TO MM 5.418 LT
- MM 5.414 TO MM 5.418 RT (SEE SHEET 17 FOR DETAILS)
  
- 621.20 STEEL BEAM GUARDRAIL, GALVANIZED
- GUILDHALL
- MM 5.310 TO MM 5.409 LT
- MM 5.855 TO MM 5.905 RT
- MM 5.863 TO MM 5.875 LT
- MM 5.903 TO MM 5.925 LT
- MM 6.270 TO MM 6.321 RT
- MM 7.605 TO MM 7.700 RT
- MAIDSTONE
- MM 0.645 TO MM 0.700 RT
- MM 0.657 TO MM 0.695 LT
- MM 1.816 TO MM 1.888 RT
- MM 1.960 TO MM 2.040 RT
- MM 2.504 TO MM 2.636 RT
  
- 621.50 MANUFACTURED TERMINAL SECTION, FLARED
- GUILDHALL
- MM 5.303 TO MM 5.310 LT
- MM 5.343 TO MM 5.350 RT
- MM 5.462 TO MM 5.469 RT
- MM 5.479 TO MM 5.486 LT
- MM 5.848 TO MM 5.855 RT
- MM 5.856 TO MM 5.863 LT
- MM 5.905 TO MM 5.912 RT
- MM 5.925 TO MM 5.932 LT
- MM 6.263 TO MM 6.270 RT
- MM 6.321 TO MM 6.328 RT
- MM 7.598 TO MM 7.605 RT
- MAIDSTONE
- MM 0.650 TO MM 0.657 LT
- MM 0.695 TO MM 0.702 LT
- MM 1.809 TO MM 1.816 RT
- MM 1.953 TO MM 1.960 RT
- MM 2.040 TO MM 2.047 RT
- MM 2.497 TO MM 2.504 RT
- MM 2.636 TO MM 2.643 RT
  
- 621.60 ANCHOR FOR STEEL BEAM RAIL
- GUILDHALL
- MM 7.700 RT
- MAIDSTONE
- MM 0.645 RT
- MM 0.700 RT
- MM 1.888 RT
  
- 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
- GUILDHALL
- MM 5.320 TO MM 5.420 LT
- MM 5.350 TO MM 5.460 RT
- MM 5.855 TO MM 5.905 RT
- MM 5.865 TO MM 5.895 LT
- MM 6.275 TO MM 6.315 RT
- MM 7.605 TO MM 7.690 RT
- MAIDSTONE
- MM 0.649 TO MM 0.695 RT
- MM 0.657 TO MM 0.695 LT
- MM 1.816 TO MM 1.885 RT
- MM 1.960 TO MM 2.040 RT
- MM 2.510 TO MM 2.635 RT
  
- 675.20 TRAFFIC SIGN, TYPE A
- 675.341 SQUARE TUBE SIGN POST AND ANCHOR
- 675.50 REMOVING SIGNS
- 675.60 ERECTING SALVAGED SIGNS
- SEE TRAFFIC SIGN SUMMARY SHEETS FOR ALL SIGN INFORMATION

- 646.482 DURABLE 24" STOP BAR, THERMOPLASTIC
- 646.682 TEMPORARY 24" STOP BAR, PAINT
- GUILDHALL
- MM 5.830 LT, TH 3
- MM 7.137 LT, TH 4
- MM 7.253 LT, TH 4
  
- 646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
- 646.692 TEMPORARY LETTER OR SYMBOL, PAINT
- GUILDHALL
- MM 5.830 LT, TH 3, "STOP"
- MM 6.920 LT, "SCHOOL"
- MM 7.055 RT, "SCHOOL"
- MM 7.137 LT, TH 4, "STOP"
- MM 7.253 LT, TH 4, "STOP"
  
- 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
- GUILDHALL
- MM 5.425 TO MM 5.479 LT
- MM 5.350 TO MM 5.409 RT
- MM 5.425 TO MM 5.462 RT
- MM 5.875 TO MM 5.903 LT
  
- 621.70 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I
- GUILDHALL
- MM 5.409 TO MM 5.414 LT
- MM 5.409 TO MM 5.414 RT (SEE SHEET 17 FOR DETAILS)
  
- 621.71 GUARDRAIL APPROACH SECTION, GALVANIZED TYPE II
- GUILDHALL
- MM 5.418 TO MM 5.425 LT
- MM 5.418 TO MM 5.425 RT (SEE SHEET 17 FOR DETAILS)

**LEGEND**



**NOT TO SCALE**







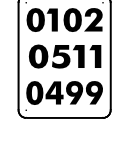


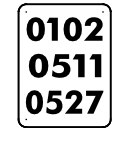

<b>PROJECT LAYOUT SHEET #2</b>	PROJECT NAME: GUILDHALL-MAIDSTONE	
	PROJECT NUMBER: STP 2706 (1)	
	FILE NAME: ...07C162\...07C162.dgn	PLOT DATE: 31-OCT-2010 10:43
PROJECT LEADER: DOMEY	DRAWN BY: PAVT MGMT	
DESIGNED BY: PAVT MGMT	CHECKED BY: PAVT MGMT	
IPARM FILE NAME: 07C162_10.1	SHEET 10 OF 18	

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW, SALVAGED & SIGNS TO BE REMOVED			EXISTING POSTS		675.341 SQUARE TUBE SIGN POST AND ANCHOR					REMARKS	SIGN DETAIL		
		EACH	WIDTH (in)	HEIGHT (in)	675.20 TRAFFIC SIGNS, TYPE A	675.50 REMOVING SIGNS	675.60 ERECTING SALVAGED SIGNS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHORS		PLUMBING	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											1.75	2.0	2.5					

VT 102 APPROACH																	
MM 0.015 LT		1	30	30	6.25	1	1			1		X		1			RI-1 SALVAGE MILE MARKER (MOUNTED BACK TO BACK)
MM 0.036 RT		1	36	36	4.50	1				2		X		2			RI-2
GUILDHALL																	
MM 0.00 TO MM 7.748		39	6	10	16.25	39				39	X						PLACE MILE MARKER EVERY 0.20 MILE VD-700
MM 0.000 LT		1	36	36	4.50	1				2		X		2			RI-2
<del>MM 0.032 RT</del>	<del></del>	<del>1</del>	<del>30</del>	<del>30</del>	<del>6.25</del>	<del>1</del>				<del>1</del>		<del>X</del>		<del>1</del>			RI-1 ELIMINATED
MM 0.164 LT		1	36	36	9.00	1				2		X		2			W3-1A
MM 1.131 LT TH 8		1	30/6	30/10	6.25/0.42	2	1	1		1		X		1			SALVAGE STREET SIGN RI-1/ VD-700 (MOUNTED BACK TO BACK)
MM 1.131 LT TH 8		1	24	30	5.00	1				1		X		1			VR-017



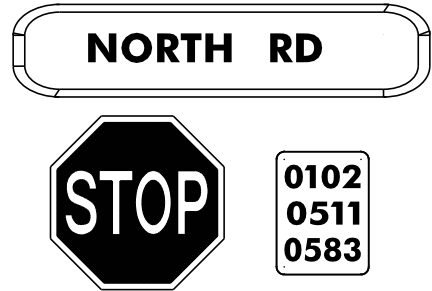

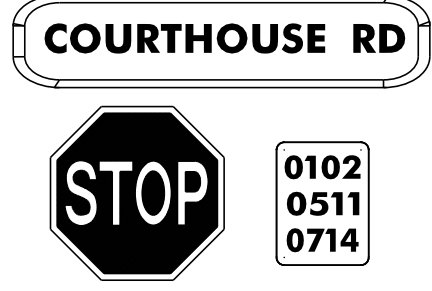

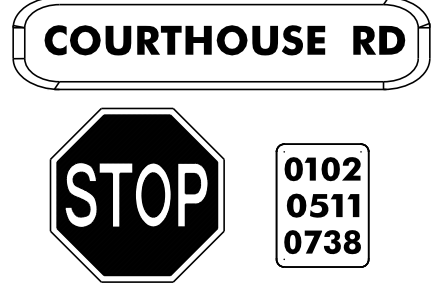

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE VTRANS SIGN POST DESIGN GUIDELINE.	SF	EA	EA		FT	FT	FT		<b>TRAFFIC SIGN SUMMARY SHEET #1</b>	PROJECT NAME: GUILDHALL-MAIDSTONE
	<b>TOTALS</b>	58.42	48		2	234	150			
										FILE NAME: ...07C162\...07C162.dgn PROJECT LEADER: DOMEY DESIGNED BY: PAVT MGMT IPARM FILE NAME: 07C162_II.I
										PLOT DATE: 31-OCT-2011 10:43 DRAWN BY: PAVT MGMT CHECKED BY: PAVT MGMT SHEET 11 OF 18

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW, SALVAGED & SIGNS TO BE REMOVED			EXISTING POSTS		675.341 SQUARE TUBE SIGN POST AND ANCHOR					REMARKS	SIGN DETAIL		
		EACH	WIDTH (in)	HEIGHT (in)	675.20 TRAFFIC SIGNS, TYPE A	675.50 REMOVING SIGNS	675.60 ERECTING SALVAGED SIGNS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHORS		MOUNTS	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											1.75	2.0	2.5					

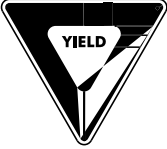

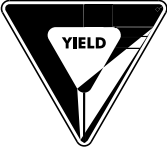
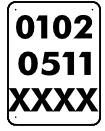
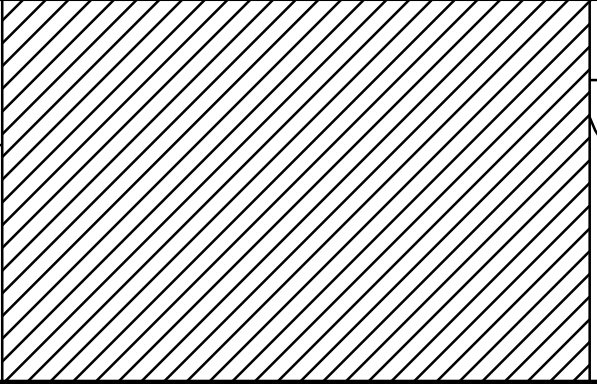
MM 4.986 LTH 1	  	1	30/6	30/10	6.25/0.42	2			1								SALVAGE STREET SIGN RI-1/ VD-700 (MOUNTED BACK TO BACK)
MM 4.986 LTH 1		1	24	30	5.00	1			1								VR-017
MM 4.986 RTH 6	  	1	30/6	30/10	6.25/0.42	2			1								SALVAGE STREET SIGN RI-1/ VD-700 (MOUNTED BACK TO BACK)
MM 4.986 RTH 6		1	24	30	5.00	1			1								VR-017
MM 5.273 LTH 5	 	1	30/6	30/10	6.25/0.42	1			1								RI-1/ VD-700 (MOUNTED BACK TO BACK)
MM 5.290 LTH 5		1	24	30	5.00	1			1								VR-017

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE VTRANS SIGN POST DESIGN GUIDELINE.	SF	EA	EA	(Hatched area)	FT	FT	FT	<b>TRAFFIC SIGN SUMMARY SHEET #2</b>	PROJECT NAME: GUILDHALL-MAIDSTONE PROJECT NUMBER: STP 2706 (I)
	TOTALS	35.01	10		2	90 90			FILE NAME: ...07C162\...07C162.dgn PROJECT LEADER: DOMEY DESIGNED BY: PAVT MGMT IPARM FILE NAME: 07C162_I2.I

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW, SALVAGED & SIGNS TO BE REMOVED			EXISTING POSTS		675.341 SQUARE TUBE SIGN POST AND ANCHOR					REMARKS	SIGN DETAIL		
		EACH	WIDTH (in)	HEIGHT (in)	675.20 TRAFFIC SIGNS, TYPE A	675.50 REMOVING SIGNS	675.60 ERECTING SALVAGED SIGNS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHORS		PLUMBING	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											1.75	2.0	2.5					

MM 5.296 LT TH 5		1	36	36	4.50					2		X		2			RI-2		
MM 5.303 LT TH 5		1	30/6	30/10	6.25/0.42	1				1		X		1			RI-1/ VD-700 (MOUNTED BACK TO BACK)		
MM 5.830 LT TH 3		1	30/6	30/10	6.25/0.42	2	1			1		X		1			SALVAGE STREET SIGN RI-1/ VD-700 (MOUNTED BACK TO BACK)		
MM 5.830 LT TH 3		1	24	30	5.00	1				1		X		1			VR-017		
MM 7.137 LT TH 4		1	30/6	30/10	6.25/0.42	2	1			1		X		1			SALVAGE STREET SIGN RI-1/ VD-700 (MOUNTED BACK TO BACK)		
MM 7.137 LT TH 4		1	24	30	5.00	1				1		X		1			VR-017		
MM 7.375 LT TH 4		1	30/6	30/10	6.25/0.42	2	1			1		X		1			SALVAGE STREET SIGN RI-1/ VD-700 (MOUNTED BACK TO BACK)		
MM 7.375 LT TH 4		1	24	30	5.00	1				1		X		1			VR-017		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE VTRANS SIGN POST DESIGN GUIDELINE.	SF	EA	EA		FT	FT	FT		<b>TRAFFIC SIGN SUMMARY SHEET #3</b>	PROJECT NAME: GUILDHALL-MAIDSTONE	
	<b>TOTALS</b>	46.18	13		3	135	135			135	PROJECT NUMBER: STP 2706 (I)
										FILE NAME: ...07C162\...07C162.dgn PROJECT LEADER: DOMEY DESIGNED BY: PAVT MGMT IPARM FILE NAME: 07C162_13.1	PLOT DATE: 31-OCT-2011 10:43 DRAWN BY: PAVT MGMT CHECKED BY: PAVT MGMT SHEET 13 OF 18

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW, SALVAGED & SIGNS TO BE REMOVED			EXISTING POSTS		675.341 SQUARE TUBE SIGN POST AND ANCHOR					REMARKS	SIGN DETAIL		
		EACH	WIDTH (in)	HEIGHT (in)	675.20 TRAFFIC SIGNS, TYPE A	675.50 REMOVING SIGNS	675.60 ERECTING SALVAGED SIGNS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR		MOUNTING	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											1.75	2.0	2.5					
										lb/ft								
										1.88	2.42	3.35						
MM 0.057 RT TH 2 APPROACH		1	36	36	4.50	1				2		X		I			RI-2	
MM 0.027 RT TH 2 APPROACH		1	36	36	4.50	1				2		X		I			RI-2	
MM 0.035 RT TH 2 APPROACH		1	36	36	4.50	1				2		X		I			RI-2	
MAIDSTONE																		
MM 0.00 TO MM 2.835		14	6	10	5.83	14				14	X						PLACE MILE MARKER EVERY 0.20 MILE VD-700	
TOTAL TSS SHEET #1					58.42	48	2				234	150						
TOTAL TSS SHEET #2					35.01	10	2				0	90						
TOTAL TSS SHEET #3					46.18	13	3				0	135						
TOTAL TSS SHEET #4					19.33	17	0				84	90						
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEET AND THE VTRANS SIGN POST DESIGN GUIDELINE.					SF	EA	EA				FT	FT	FT	<b>TRAFFIC SIGN SUMMARY SHEET #4</b>		PROJECT NAME: GUILDHALL-MAIDSTONE		
<b>PROJECT TOTALS</b>					158.94	88	7				318	465	783			PROJECT NUMBER: STP 2706 (I)		
														FILE NAME: ...07C162\...07C162.dgn				
														PLOT DATE: 31-OCT-2011 10:43				
														DRAWN BY: PAVT MGMT				
														DESIGNED BY: PAVT MGMT				
														CHECKED BY: PAVT MGMT				
														SHEET 14 OF 18				
														IPARM FILE NAME: 07C162_14.1				

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 646.602 TEMPORARY 4" WHITE LINE, PAINT  
 MM 0.000 TO MM 0.068 RT, VT 102 APPROACH, SOLID EDGE LINE  
 MM 0.009 TO MM 0.033 LT, VT 102 APPROACH, SOLID EDGE LINE  
 MM 0.000 TO MM 0.083 LT & RT, TH 2 APPROACH, SOLID EDGE LINE  
 MM 0.000 TO MM 0.083 LT & RT, TH 2 APPROACH, SOLID EDGE LINE  
 MAINLINE STATIONS ON LAYOUT SHEETS

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 646.612 TEMPORARY 4" YELLOW LINE, PAINT  
 MM 0.000 TO MM 0.040 LT & RT, VT 102 APPROACH, DOUBLE SOLID CL  
 MM 0.000 TO MM 0.083 LT & RT, TH 2 APPROACH, DOUBLE SOLID CL  
 MM 0.000 TO MM 0.083 LT & RT, TH 2 APPROACH, DOUBLE SOLID CL  
 MAINLINE STATIONS ON LAYOUT SHEETS

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 MM 0.013 LT, VT 102 APPROACH, "STOP"  
 MM 0.036 RT, VT 102 APPROACH, YIELD SYMBOLS - 3 EA  
 MM 0.057 LT, TH 2 APPROACH, YIELD SYMBOLS - 3 EA  
 MM 0.027 RT, TH 2 APPROACH, YIELD SYMBOLS - 3 EA  
 MM 0.035 RT, TH 2 APPROACH, YIELD SYMBOLS - 3 EA  
 MAINLINE STATIONS ON LAYOUT SHEETS

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC  
 646.682 TEMPORARY 24" STOP BAR, PAINT  
 MM 0.009 LT, VT 102 APPROACH  
 MAINLINE STATIONS ON LAYOUT SHEETS

675.20 TRAFFIC SIGN, TYPE A  
 675.34I SQUARE TUBE SIGN POST AND ANCHOR  
 675.50 REMOVING SIGNS  
 675.60 ERECTING SALVAGED SIGNS  
 SEE TRAFFIC SIGN SUMMARY SHEETS FOR ALL SIGN INFORMATION

604.412 REHAB DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I  
 604.415 REHAB DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II  
 604.418 REHAB DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III  
 TH 2 - 5 EA  
 (THE TYPE IS TO BE DETERMINED BY THE RESIDENT ENGINEER)

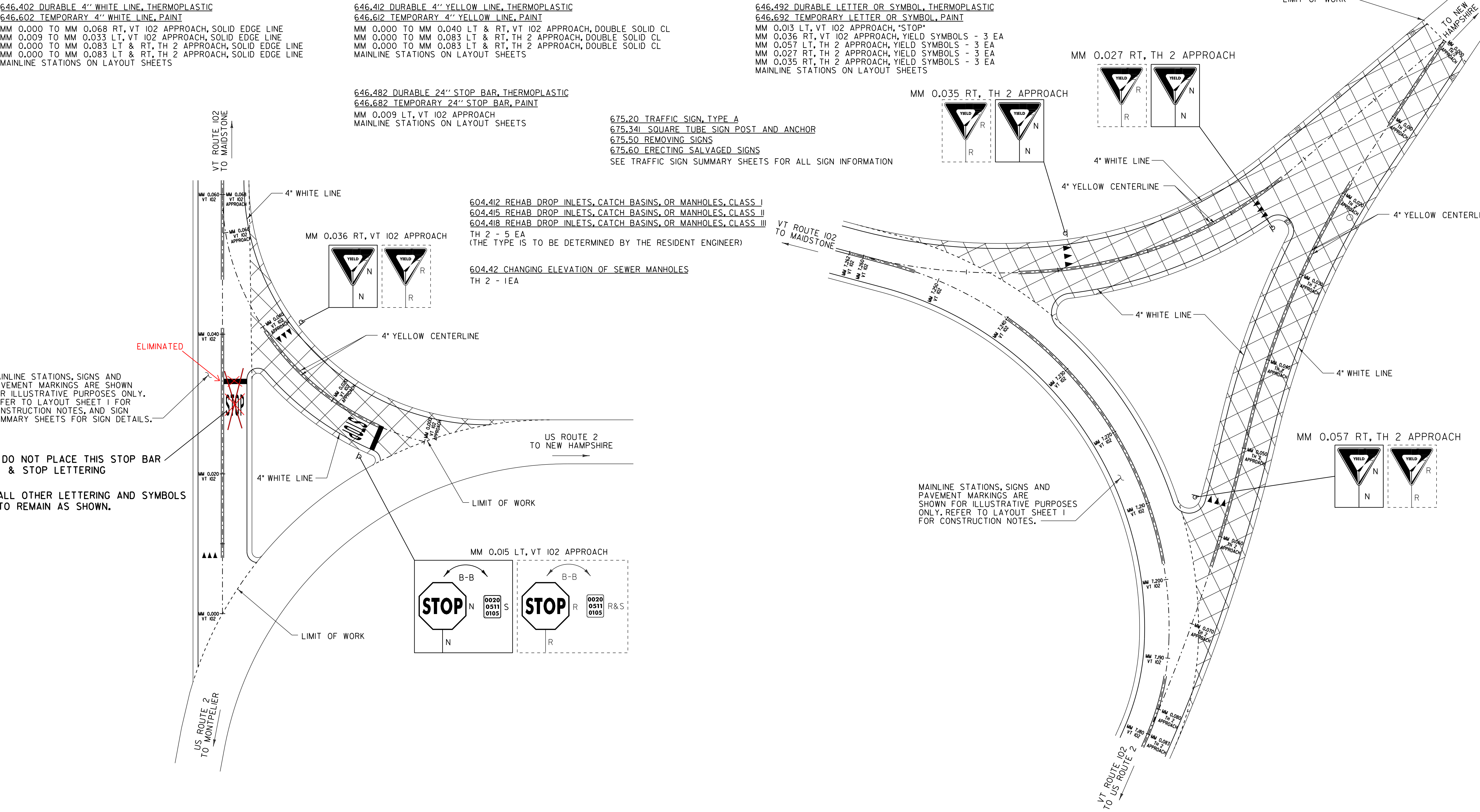
604.42 CHANGING ELEVATION OF SEWER MANHOLES  
 TH 2 - 1EA

MAINLINE STATIONS, SIGNS AND PAVEMENT MARKINGS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO LAYOUT SHEET I FOR CONSTRUCTION NOTES, AND SIGN SUMMARY SHEETS FOR SIGN DETAILS.

DO NOT PLACE THIS STOP BAR & STOP LETTERING

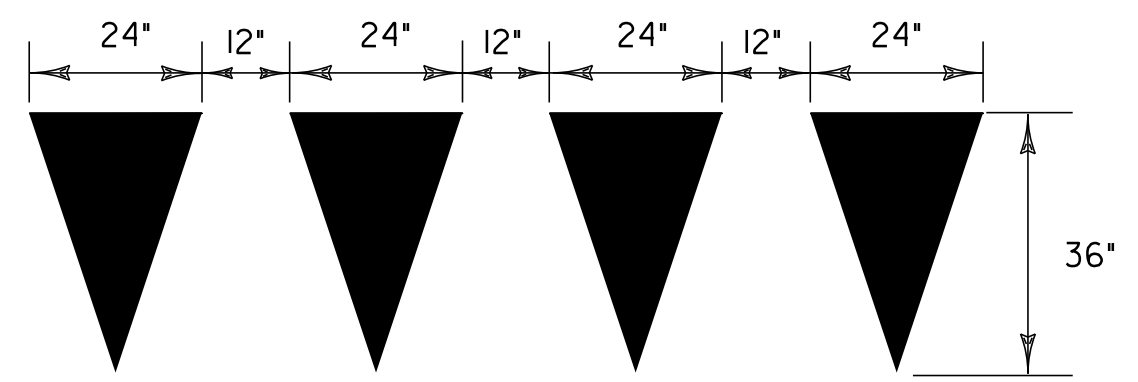
ALL OTHER LETTERING AND SYMBOLS TO REMAIN AS SHOWN.

MAINLINE STATIONS, SIGNS AND PAVEMENT MARKINGS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO LAYOUT SHEET I FOR CONSTRUCTION NOTES.



**US ROUTE 2 INTERSECTION**

COLD PLANE AREA, 2 1/4" DEPTH



**YIELD LINE DETAILS**

TO BE PAID AS ONE LETTER OR SYMBOL PER TRIANGLE

**TH 2 INTERSECTION**

COLD PLANE AREA, 2 1/4" DEPTH

**NOT TO SCALE**

<b>INTERSECTION DETAIL SHEET #1</b>	PROJECT NAME: GUILDHALL-MAIDSTONE	PLOT DATE: 31-OCT-2011 10:43
	PROJECT NUMBER: STP 2706 (I)	DRAWN BY: PAVT MGMT
	FILE NAME: ...07C162\...07C162.dgn	CHECKED BY: PAVT MGMT
	PROJECT LEADER: DOMEY	SHEET 15 OF 18
DESIGNED BY: PAVT MGMT		
IPARM FILE NAME: 07C162_15.1		

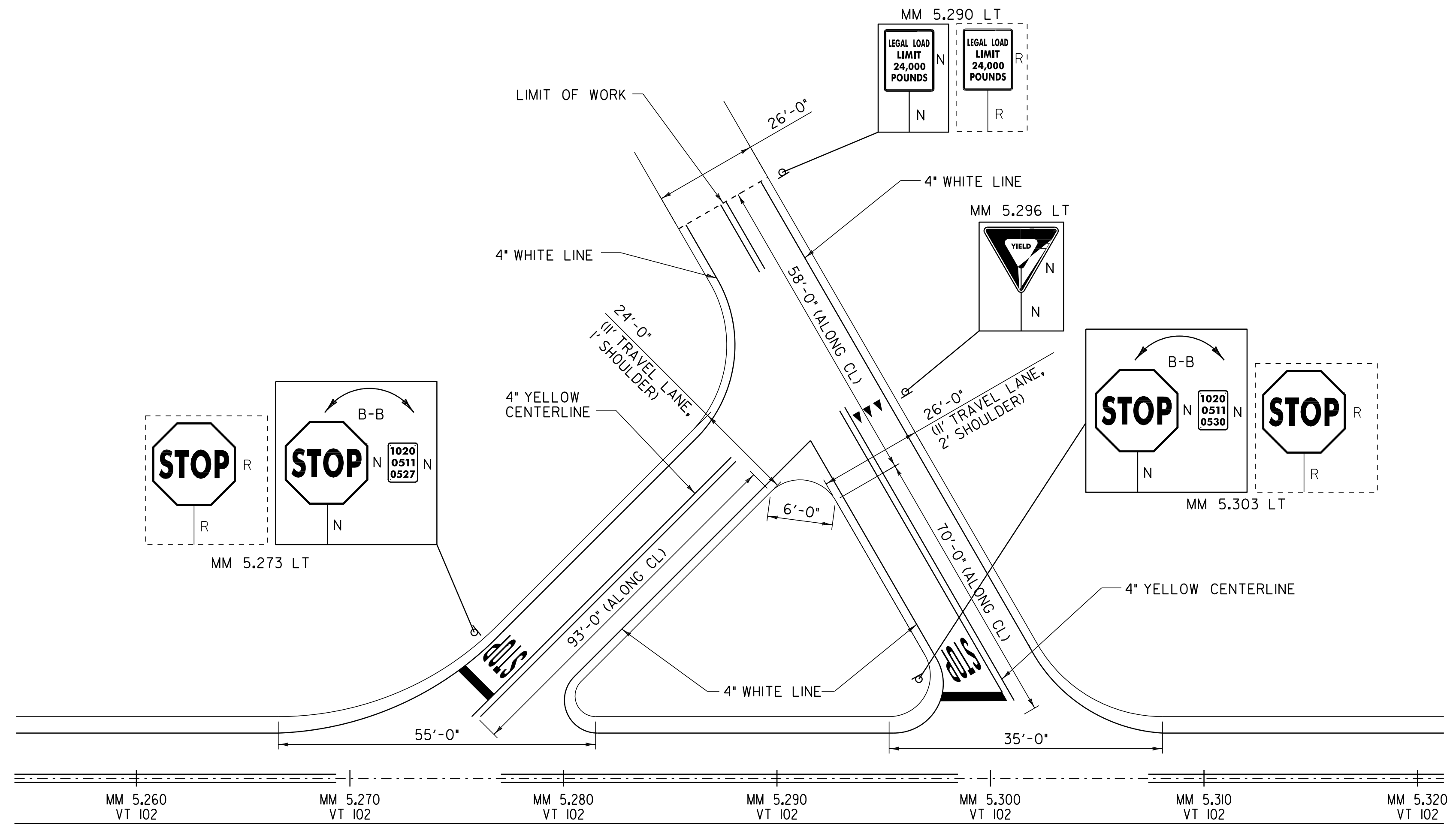
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC  
 646.602 TEMPORARY 4" WHITE LINE, PAINT  
 MM 5.273 LT & RT, TH 5, SOLID EDGE LINE  
 MM 5.303 LT & RT, TH 5, SOLID EDGE LINE  
 MAINLINE STATIONS ON LAYOUT SHEETS

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC  
 646.612 TEMPORARY 4" YELLOW LINE, PAINT  
 MM 5.273 LT, TH 5, DOUBLE SOLID CL  
 MM 5.303 LT, TH 5, DOUBLE SOLID CL  
 MAINLINE STATIONS ON LAYOUT SHEETS

646.482 DURABLE 24" STOP BAR, THERMOPLASTIC  
 646.682 TEMPORARY 24" STOP BAR, PAINT  
 MM 5.273 LT, TH 5  
 MM 5.303 LT, TH 5  
 MAINLINE STATIONS ON LAYOUT SHEETS

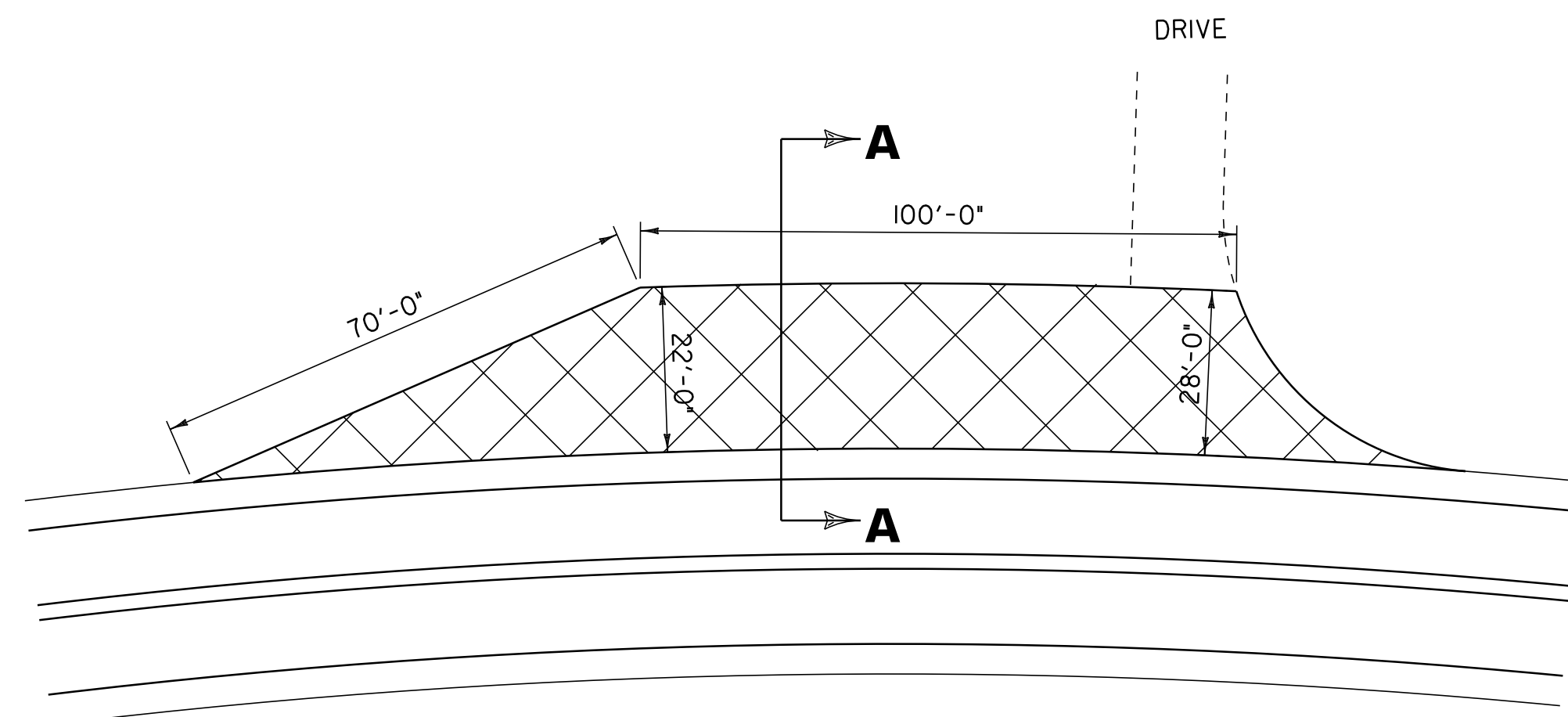
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC  
 646.692 TEMPORARY LETTER OR SYMBOL, PAINT  
 MM 5.273 LT, TH 5, "STOP"  
 MM 5.303 LT, TH 5, "STOP"  
 MM 5.294 LT, TH 5, YIELD SYMBOLS - 3 EA  
 MAINLINE STATIONS ON LAYOUT SHEETS

675.20 TRAFFIC SIGN, TYPE A  
 675.341 SQUARE TUBE SIGN POST AND ANCHOR  
 675.50 REMOVING SIGNS  
 675.60 ERECTING SALVAGED SIGNS  
 SEE TRAFFIC SIGN SUMMARY SHEETS FOR ALL SIGN INFORMATION



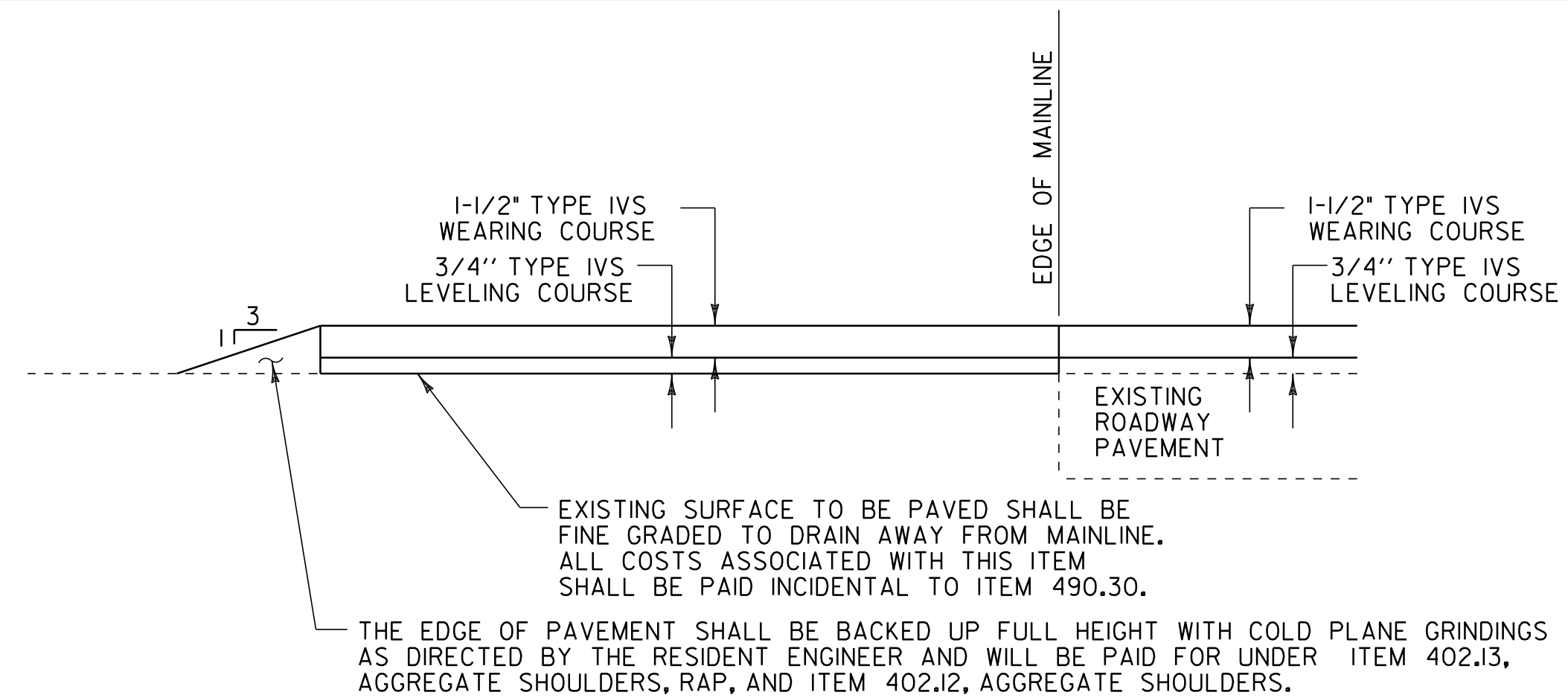
BUILT AS PER PLAN

**TH 5 INTERSECTION**



**PULL OFF - MM 3.850 LT**

 AREA TO BE PAVED



**SECTION A-A**

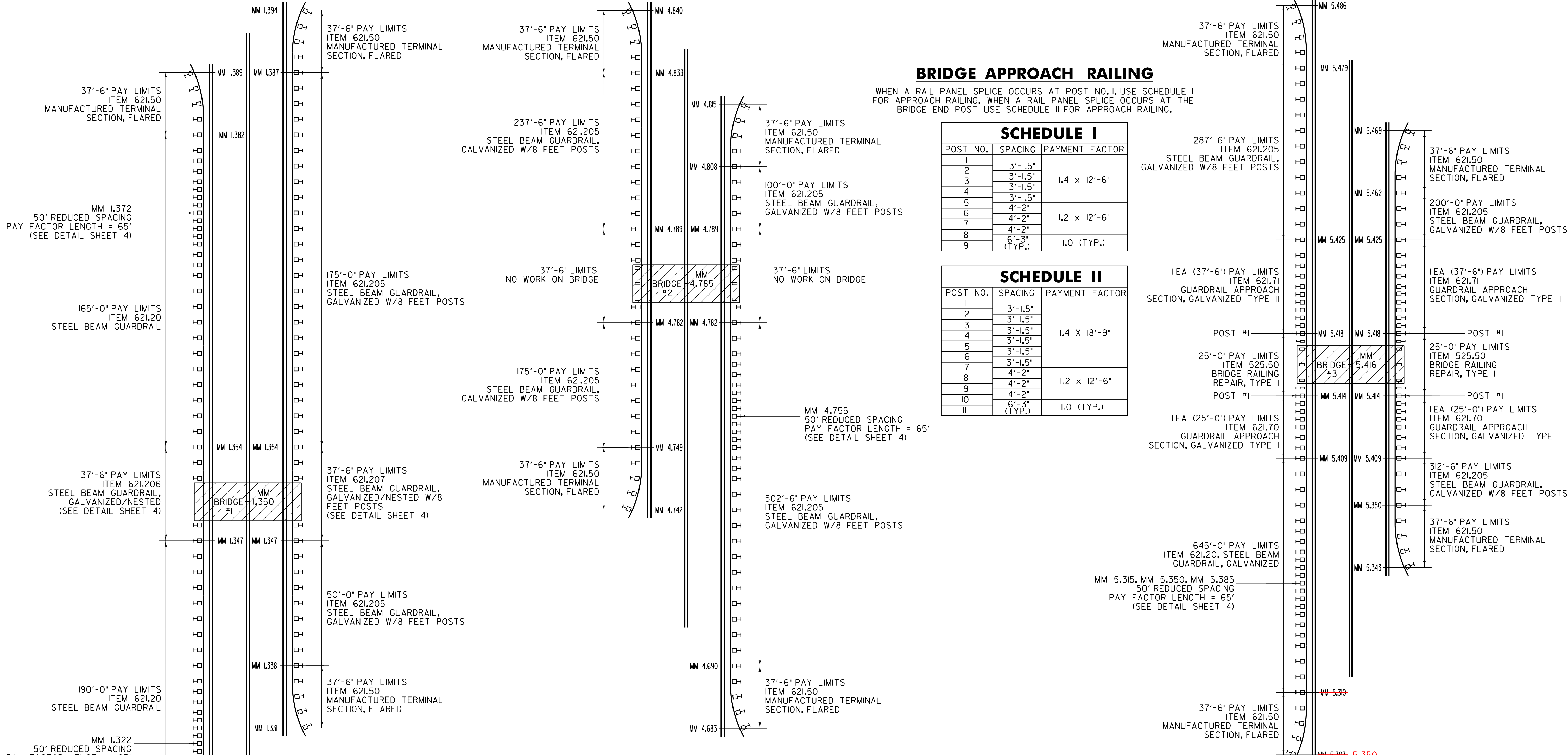
**NOT TO SCALE**

**INTERSECTION  
 DETAILS  
 SHEET #2**

PROJECT NAME: GUILDHALL-MAIDSTONE  
 PROJECT NUMBER: STP 2706 (I)

FILE NAME: ...07C162\...07C162.dgn PLOT DATE: 31-OCT-2011 10:43  
 PROJECT LEADER: DOMEY DRAWN BY: PAVT MGMT  
 DESIGNED BY: PAVT MGMT CHECKED BY: PAVT MGMT  
 IPARM FILE NAME: 07C162\_16.i SHEET 16 OF 18



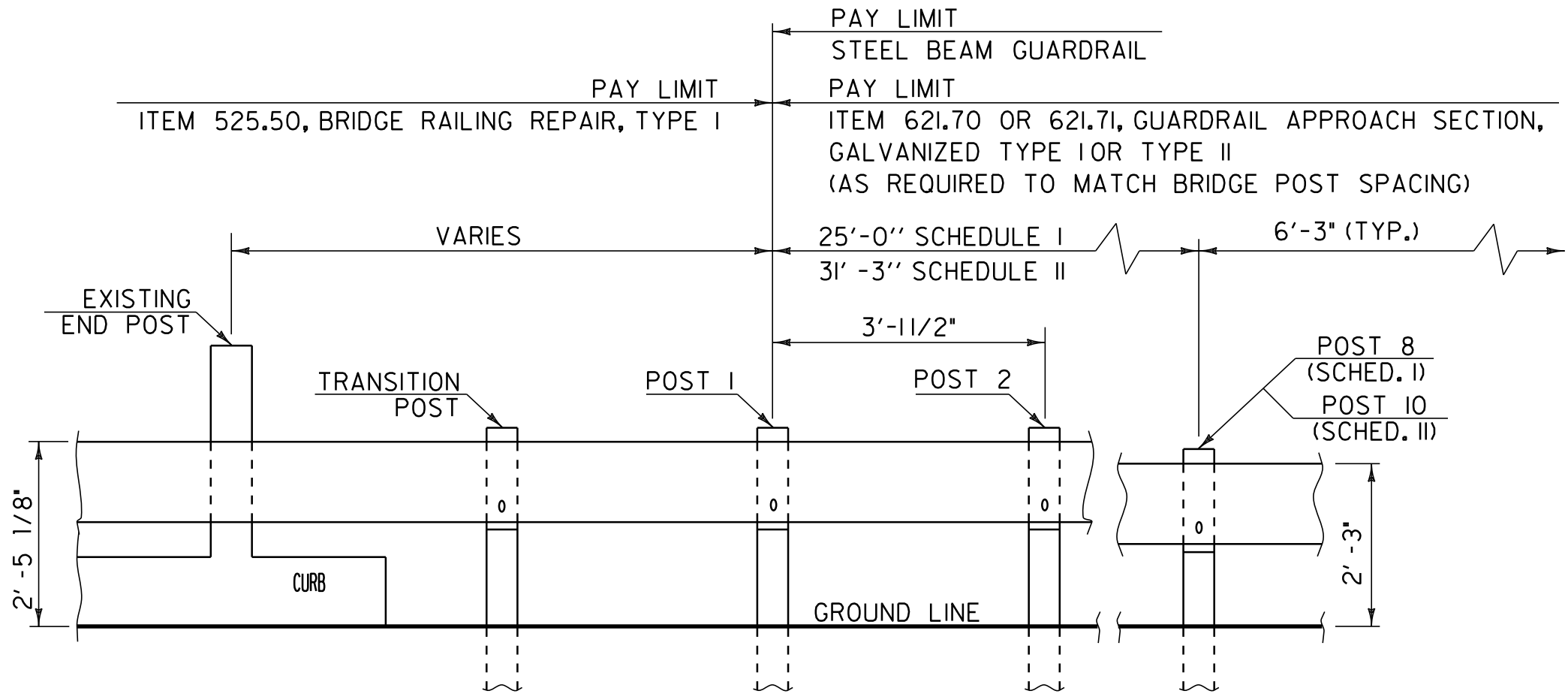


### BRIDGE APPROACH RAILING

WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1, USE SCHEDULE I FOR APPROACH RAILING. WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1		1.4 x 12'-6"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	
6	4'-2"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	6'-3" (TYP.)	1.0 (TYP.)

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1		1.4 x 18'-9"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	
6	3'-1.5"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	4'-2"	1.0 (TYP.)
10	4'-2"	
11	6'-3" (TYP.)	1.0 (TYP.)



**BRIDGE APPROACH RAILING**

### BRIDGE APPROACH RAILING NOTES:

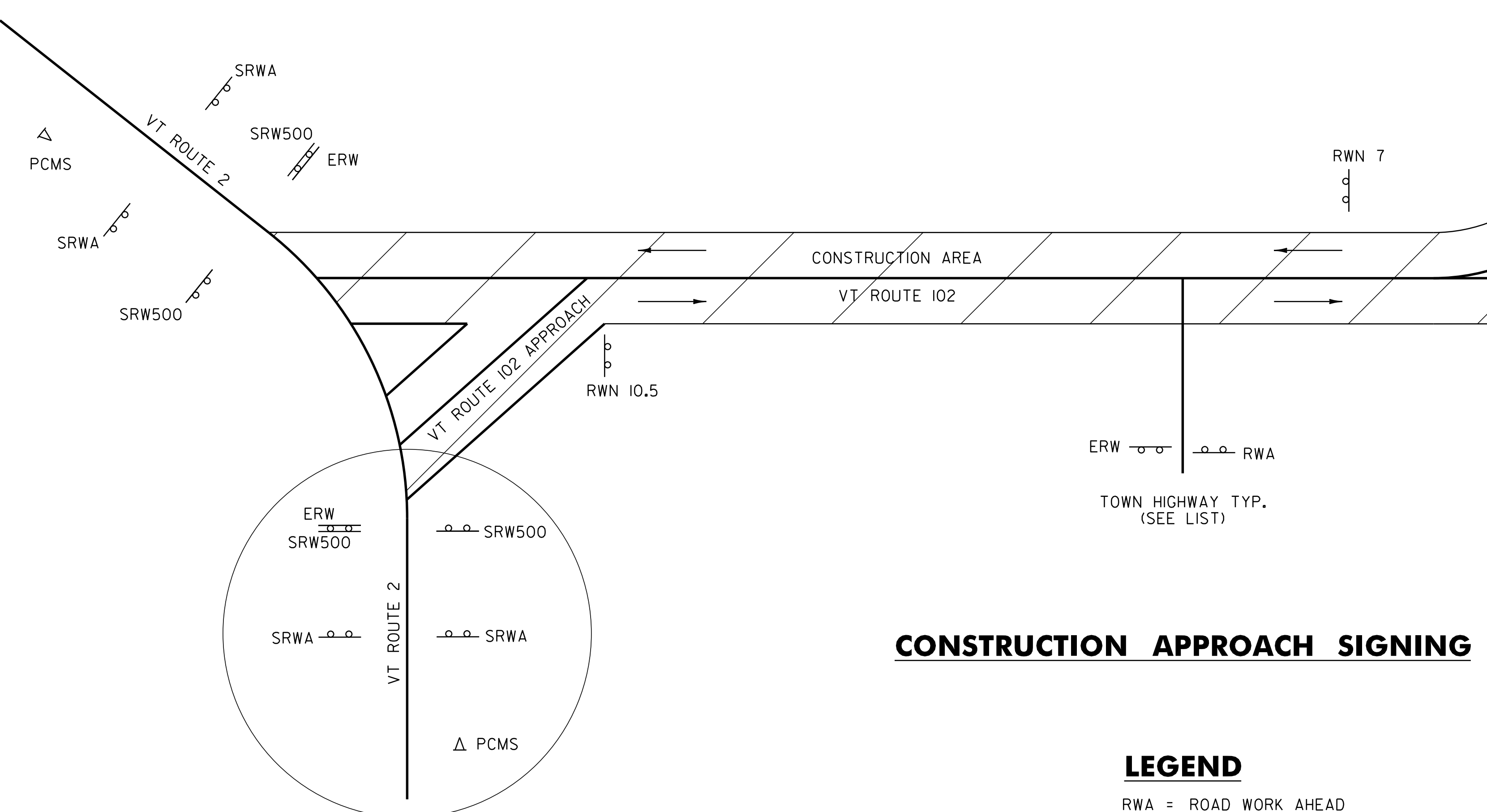
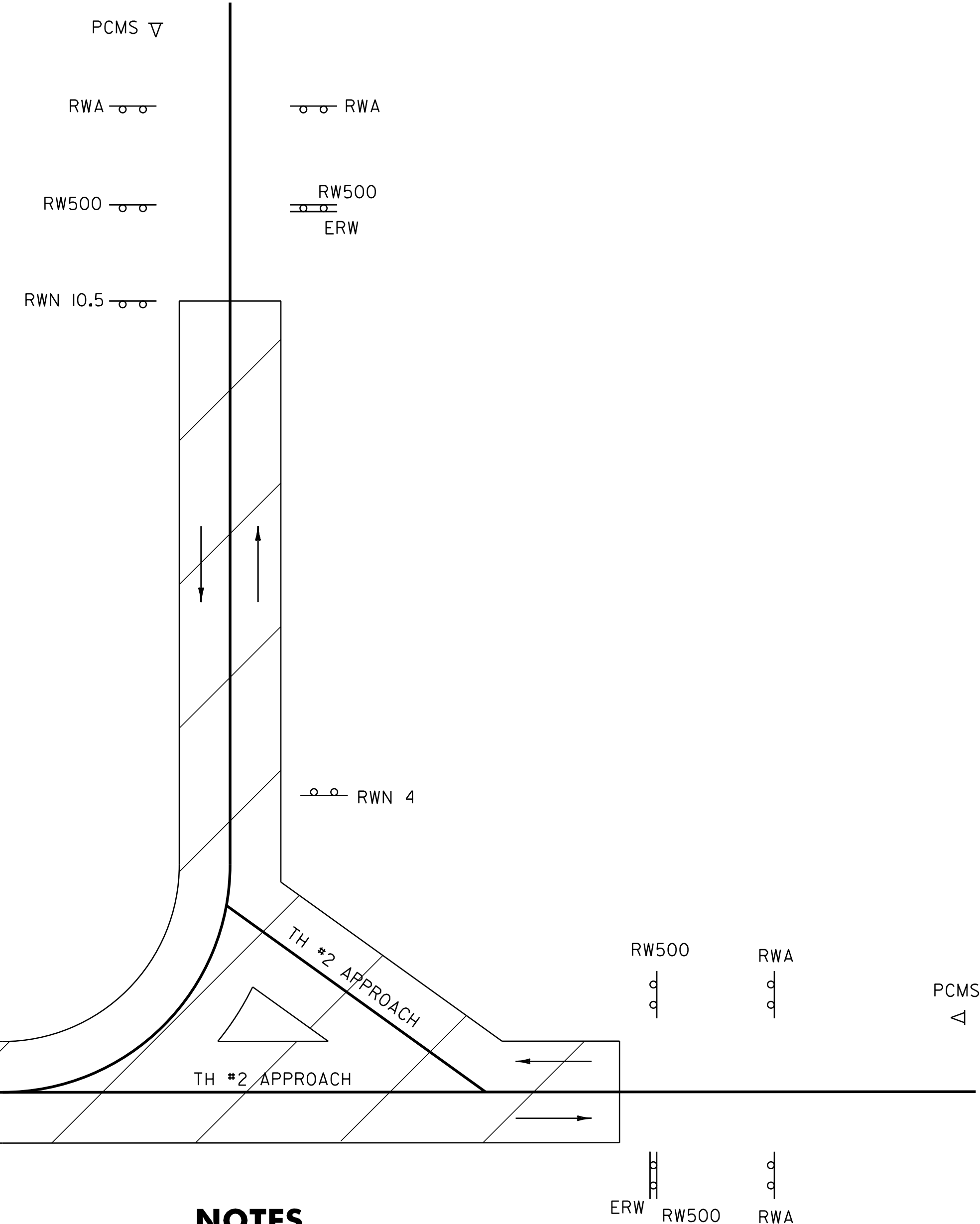
- BRIDGE RAILING REPAIR SHALL BE HEAVY DUTY STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
- APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25 FEET FROM THE ENDS OF THE BRIDGE.
- FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK & BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 30 FEET APART. PAYMENT SHALL BE INCIDENTAL TO GUARDRAIL ITEMS.

**NOT TO SCALE**

<b>BRIDGE DETAIL SHEET</b>	PROJECT NAME: GUILDHALL-MAIDSTONE	PLOT DATE: 31-OCT-2011 10:43
	PROJECT NUMBER: STP 2706 (I)	DRAWN BY: PAVT MGMT
	FILE NAME: ...07C162\...07C162.dgn	CHECKED BY: PAVT MGMT
	PROJECT LEADER: DOMEY	SHEET 17 OF 18

**LIST OF TOWNSTATE HIGHWAYS  
FOR CONSTRUCTION SIGNS**

TOWN/STATE HIGHWAY NAME	SIDE ROAD WORK AHEAD	SIDE ROAD WORK 500'	END ROAD WORK	ROAD WORK 500'	ROAD WORK AHEAD	ROAD WORK NEXT XX MILES	OTHER
BEGINNING OF PROJECT	4	4	2	1	1	1	2-PORTABLE CHANGEABLE MESSAGE SIGN
TH #8 (MM 1.131)			1		1		
TH #6 (MM 4.986)			1		1		
TH #5 (MM 5.273)			1		1		
TH #5 (MM 5.303)			1		1		
TH #3 (MM 5.830)			1		1		
TH #4 (MM 7.137)			1		1		
TH #2 APP (MM 7.196)			1		2	2	1-PORTABLE CHANGEABLE MESSAGE SIGN
TH #4 (MM 7.253)			1		1		
END OF PROJECT			1	2	2	1	1-PORTABLE CHANGEABLE MESSAGE SIGN
<b>TOTAL</b>	<b>4</b>	<b>4</b>	<b>11</b>	<b>3</b>	<b>12</b>	<b>4</b>	<b>4</b>



**NOTES**

- SEE STANDARDS E-100 AND E-100A FOR SIGN PLACEMENT.
- THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH STANDARD E-103 AND MUTCD PART 6, FIGURE 6H-10. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, TRAFFIC CONTROL.
- PAYMENT FOR CONSTRUCTION APPROACH SIGNING WILL BE MADE UNDER ITEM 641.10, TRAFFIC CONTROL.
- CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
- DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
- RETROREFLECTIVE SHEETING SHALL BE TYPE VII OR BETTER.
- CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED ON TWO POSTS EACH OR AS AN NCHRP REPORT 350 COMPLIANT SIGN/STAND SYSTEM.
- INSTALLATION OF CONSTRUCTION ZONE SIGNING SHALL NOT BLOCK EXISTING SIGN ASSEMBLIES. A MINIMUM OF 200 FEET SHALL BE MAINTAINED BETWEEN ANY EXISTING SIGNS AND THE CONSTRUCTION SIGNS.
- PORTABLE CHANGEABLE MESSAGE SIGNS ARE OPTIONAL AND ARE TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THESE SHALL BE PAID UNDER 641.15, PORTABLE CHANGEABLE MESSAGE SIGN.

**CONSTRUCTION APPROACH SIGNING**

**LEGEND**

- RWA = ROAD WORK AHEAD
- RW500 = ROAD WORK 500'
- RWN = ROAD WORK NEXT XX MILES
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW500 = SIDE ROAD WORK 500'
- △ PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC FLOW ARROWS

THE RESIDENT ENGINEER SHALL CONTACT NH DOT, HIGHWAY MAINTENANCE DISTRICT 1 ENGINEER; DAVE RODRIGUE, (603) 788-4641 BEFORE CONSTRUCTION SIGNS ARE LAID OUT ON THE ROUTE 2 PORTION TOWARDS NEW HAMPSHIRE.

**NOT TO SCALE**

<b>CONSTRUCTION APPROACH SIGNING SHEET</b>	PROJECT NAME: GUILDHALL-MAIDSTONE
	PROJECT NUMBER: STP 2706 (I)
	FILE NAME: ...07C162\...07C162.dgn
	PLOT DATE: 31-OCT-2011 10:44
PROJECT LEADER: DOMEY	DRAWN BY: PAVT MGMT
DESIGNED BY: PAVT MGMT	CHECKED BY: PAVT MGMT
IPARM FILE NAME: 07C162_18.1	SHEET 18 OF 18