

REVISION DATE 05/08/19

Sample Plan

TABULATIONS ----- NARRATIVE

References:

- Design Scene: Chapter 2 - Quantities
- Miscellaneous: <http://lhub.metro/design/technicalguidance.html> Bituminous Quantities For Plans
- <http://lhub.metro/design/technicalguidance.html> Cost Splits

General Information:

In general, all pay items should be computed and tabulated for ease in estimating construction costs of the project. Tabulations should not replace plan view drawings needed to visually depict the intended construction. Tabulations should supplement the plan view drawings. Possible tabulations include:

Aggregate Items	Erosion Control	Sawing Pavement
Attenuators	Estimated Quantities	Sheet Piling
Bituminous Items	Fencing	Slotted Drain
Bridge Approach Panels	Guardrail Items	Rumble Strips
Bridge Approach Treatments	Inplace Drainage	Subgrade Preparation
Casting Assemblies	*Lighting Rem. & Salvage	Temporary Fence
Clearing and Grubbing	Misc. Salvage & Rem. Items	*Temporary Lighting
Concrete Barrier	Misc. Concrete Removals	*Traffic Management System
Concrete Pavement	Municipal Utilities	*Tree Transplants
*Conduit - Lighting	Noise Walls	Turf Establishment
*Conduit - Signals	*Overhead Signs	Watermain Items
*Conduit - Signs	Portable Barrier	Temp. Drainage
*Conduit - TMS	Public Utilities	*Striping
Curb and Walk Items	Retaining Walls	Milling
Drainage Structures	Riprap	Mailboxes
	Rubrail	ADA

* may be included in plan sheets provided by other functional groups

Use separate lines within the pavement and aggregate tabulations for mainline, turn lanes, entrances and crossovers. Entrances and crossovers may be tabulated each as one separate item.

If multiple sheets are necessary for a tabulation, subtotals shall be shown on each sheet and accumulated to a project total on the final sheet. Place the tabulation letter designation on each sheet.

Column headings must be the same as the pay items. (They can be abbreviated)

Removing bituminous pavement is considered pavement removal.

Consider applicable notes for each tabulation.

If multiple S.P.'s or funding splits are being used, tabulated totals for all functional groups are required for each S.P. or funding type.

Include quantities needed for bypasses and due to staging.

When tabulating concrete pavement, do not include incidental items.

Do not duplicate subnotes on the Statement of Estimated Quantities and on Tabulations.

Do not use the term "Project Totals" if a quantity is listed on more than one tabulation.

26-FEB-2020

Sample Plan

TABULATIONS ----- CHECKLIST

- ___ 1. Sheet Subtotals and Project Totals
- ___ 2. Include all Appropriate Tabulations
- ___ 3. Notes for Applicability
- ___ 4. Include the Tabulation Letter Designation
- ___ 5. Cross references to other sheets (as applicable)
- ___ 6. Drawn by: and Checked by: Initials and Engineer's signature

TABULATIONS NARRATIVE AND CHECKLIST

REVISION DATE 02/26/19
 PLOTTED/REVISED: 26-FEB-2020

DISTRICT #: Metro
 PLOT NAME: tabs
 FILENAME: Projects\DM_ROS\Win_Project\Desig\SamplePlanE\ngl\st\stabs.dgn

BITUMINOUS															E
STATION TO STATION	LOCATION	TYPE SP 12.5 WEARING COURSE MIXTURE (3,B) (SPWEB330B)			TYPE SP 12.5 WEARING COURSE MIXTURE (5,E) (SPWEB540E)			TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,B) (SPNWB330B)			TYPE SP 12.5 NON WEARING COURSE MIXTURE (5,B) (SPNWB530B)			JOINT ADHESIVE LIN FT	REMARKS
		TOTAL AREA	MIX	DEPTH	TOTAL AREA	MIX	DEPTH	TOTAL AREA	MIX	DEPTH ①	TOTAL AREA	MIX	DEPTH ①		
		SQ YD	TON	INCH	SQ YD	TON	INCH	SQ YD	TON	INCH	SQ YD	TON	INCH		
TH494NB															
559+12 TO 567+06	25' LT TO 13' RT							3352.5	1562.7	8					
559+12 TO 567+06	24' LT TO 34' LT	882.2	311.5	6											
559+12 TO 567+06	12' RT TO 22' RT	882.2	311.5	6											
567+06 TO 576+00	25' LT TO VAR. RT							5529.7	2577.5	8					
567+06 TO 576+00	24' LT TO 34' LT	993.3	350.8	6											
567+06 TO 576+00	VAR. RT	596.0	210.5	6											
576+00 TO 588+06	24' LT TO 34' LT	1340.0	473.2	6											
576+00 TO 588+06	VAR. RT	514.0	181.5	6											
588+06 TO 603+00	VAR. LT	1660.0	586.2	6											
603+00 TO 611+70	24' LT TO 34' LT	966.7	341.4	6											
603+00 TO 611+70	24' RT TO 34' RT	966.7	341.4	6											
611+70 TO 621+50	24' LT TO 12' RT							3920.0	1827.2	8					
611+70 TO 621+50	24' LT TO 34' LT	1088.9	384.5	6											
611+70 TO 621+50	12' RT TO 22' RT	1088.9	384.5	6											
621+50 TO 627+90	24' LT TO 34' LT	711.1	251.1	6											
621+50 TO 627+90	12' RT TO 22' RT	711.1	251.1	6											
627+90 TO 657+00	24' LT TO 34' LT	3233.3	1141.8	6											
627+90 TO 657+00	VAR. RT	2578.0	910.4	6											
657+00 TO 667+12	25' LT TO VAR. RT							5350.2	2493.9	8					
657+00 TO 667+12	24' LT TO 34' LT	1124.4	397.1	6											
657+00 TO 667+12	VAR. RT	785.6	277.4	6											
667+12 TO 669+49	25' LT TO 13' RT							1185.0	552.4	8					
667+12 TO 669+49	24' LT TO VAR. LT	450.0	158.9	6											
667+12 TO 669+49	12' RT TO 22' RT	263.3	93.0	6											
669+49 TO 676+23	24' LT TO 12' RT				2696.0	609.3	4				2696.0	952.0	6	1348.0	
669+49 TO 676+23	24' LT TO VAR. LT	1123.3	396.7	6											
669+49 TO 676+23	12' RT TO 22' RT	748.9	264.5	6											
676+23 TO 683+00	24' LT TO VAR. RT				4468.0	1009.8	4				4468.0	1577.8	6	2031.0	
676+23 TO 683+00	24' LT TO VAR. LT	902.7	318.8	6											
676+23 TO 683+00	VAR. RT	451.3	159.4	6											
683+00 TO 691+00	24' LT TO 24' RT				4266.7	964.3	4				4266.7	1506.7	6	2400.0	
683+00 TO 691+00	24' LT TO 34' LT	888.9	313.9	6											
683+00 TO 691+00	24' RT TO 30' RT	533.3	188.3	6											
691+00 TO 696+90	24' LT TO VAR. RT				3700.0	1191.6	4 MIN.							1683.0	
691+00 TO 696+90	24' LT TO 34' LT	625.6	220.9	6											
691+00 TO 696+90	VAR. RT				500.0	161.0	4 MIN.								
696+90 TO 705+75	16' LT TO VAR. RT				4326.7	1393.4	4 MIN.							1117.0	
TOTALS			9220.3			5329.4			9013.7			4036.5		8579.0	

① 1/4" ADDITIONAL BITUMINOUS ADDED TO THE FIRST LIFT FOR COMPUTATIONAL PURPOSES ONLY.

SAMPLE PLAN

BITUMINOUS
 SHEET 1 OF 5

TABULATIONS
 STATE PROJ. NO. 0000-00 (T.H. 00) SHEET NO. 12 OF 84 SHEETS

DRAWN BY: CT CHECKED BY: HS CERTIFIED BY: Will D. Zine LIC. NO. 00000 DATE 8/17/18

REVISION DATE 05/08/19
 PLOTTED/REVISED: 26-FEB-2020

DISTRICT #: Metro
 IPLOT NAME: tabs
 FILENAME: Projects\DM_ROS\Win_Proj\Des\SamplePlan\English\tabs.dgn

ADA PEDESTRIAN RAMPS											F		
LOCATION	SEE SHEET NO.	EXCAVATION -COMMON	AREA	AGGREGATE BASE (CV) CLASS 5	6" CONCRETE WALK	CONCRETE CURB & GUTTER	MILL AND PATCH BITUMINOUS PAVEMENT	SITE RESTORATION	TRUNCATED DOMES				NOTES
									RECTANGULAR 2' WIDTH	40' RADIUS	45' RADIUS	50' RADIUS	
		CU YD	SQ FT	CU YD	SQ FT	LIN FT	LIN FT	EACH	SQ FT	SQ FT	SQ FT	SQ FT	
SE RAMP													
SE QUAD.	58	22	235	4	235	30						36	
SW QUAD.	58	24	263	5	263	29					40		
CONNELLY AVE.													
NE QUAD.	58	16	176	3	176	40	30	1	24				
NW QUAD.	58	19	201	4	201	45	15	1	24				
SW RAMP													
SE QUAD.	57	23	249	4	249	34						32	
SW QUAD.	57	19	208	4	208	25				26			
CRDETH10													
243+75 TO 243+81 RT	57	6	66	1	66	10							
TOTALS		129		25	1398	213	45	2	48	26	40	68	

SAWCUTS			G
STATION TO STATION	LOCATION	SAWING BIT PAVEMENT (FULL DEPTH)	NOTES
		LIN FT	
CRDETH10			
234+85 TO 235+85	34' LT	100	
235+45 TO 235+87	42' RT	42	
235+85	34' LT TO 42' RT	76	
241+49 TO 241+84	42' RT	35	
243+25	24' RT TO 16' LT	40	
243+25 TO 245+25	16' LT	200	
SWLPCRDE			
4+52	8' LT TO 12' RT	20	
4+52 TO 5+13	8' LT	60	
5+13 TO 5+73	12' LT TO 15' LT	40	
5+73	30' LT TO 12' LT	18	
SERPCRDE			
231+36	6' LT TO 12' RT	20	
232+66 TO 232+63	33' LT TO 13' LT	20	
51NB			
233+75 TO 234+44	14' LT	69	
233+75 TO 234+44	30' LT	69	
TOTALS		809	

- ① INCLUDES REMOVAL OF REINFORCED CONCRETE PAD.
- ② DELETED
- ③ FOLLOW IMPACT ATTENUATOR MANUFACTURER DETAILS FOR CONCRETE ANCHORAGE.

MULCH MATERIAL TYPE 9						K
ALIGNMENT	STATION TO STATION	LOCATION	SITE	AREA COVERED	MULCH MATERIAL TYPE 9	NOTES
				SQ FT	CU YD	
S.P. 1986-38						
INP494WB	163+58 - 170+85	38' RT - 44' RT	26	1008	10	
INP494EB	168+06 - 171+02	70' RT - 69' RT	30	3724	35	
INP494EB	172+64 - 174+71	66' RT - 65' RT	42	7315	47	
INP494EB	173+93 - 175+07	38' RT - 46' LT	43	4961	31	
INP494WB	177+01 - 178+01	44' RT - 35' RT	47	3852	23	
INP494EB	180+37 - 181+65	38' LT - 45' LT	48	5330	35	
INP494EB	179+54 - 181+48	66' RT - 66' RT	49	6650	43	
S.P. 1986-38 TOTALS:					224	
S.P. 1985-148						
INP494WB	186+11 - 187+27	45' RT - 37' RT	63	4756	31	
INP494EB	197+11 - 198+49	43' LT - 43' LT	66	1932	18	
INP494EB	259+31 - 260+69	45' LT - 45' LT	83	1932	18	
S.P. 1985-148 TOTALS:					67	
TOTALS:					291	

IMPACT ATTENUATOR						L
ALIGNMENT	STATION	LOCATION	SALVAGE IMPACT ATTENUATOR	INSTALL IMPACT ATTENUATOR	NOTES	
			①	③		
			EACH	EACH		
S.P. 1986-38						
35ENB	684+45	40' LT	1	1		
S.P. 1986-38 TOTALS:			1	1		
S.P. 1985-148						
35ENB	684+45	80' RT	1	1		
S.P. 1985-148 TOTALS:			1	1		
TOTALS:			2	2		

SAMPLE PLAN

ADA PEDESTRIAN RAMPS
 SAWCUTS
 MULCH MATERIAL TYPE 9
 IMPACT ATTENUATORS

DRAWN BY: GJ

CHECKED BY: HS

CERTIFIED BY

Will D. Zine
 LICENSED PROFESSIONAL ENGINEER

LIC. NO. 00000 DATE 10/30/14

STATE PROJ. NO. 0000-00 (T.H. 00) SHEET NO. 13 OF 84 SHEETS

TABULATIONS

REVISION DATE 02/26/20
 PLOTTED/REVISED: 26-FEB-2020

DISTRICT #: Metro
 PLOT NAME: tabs
 FILENAME: Project\DM_ROS\Win_Proj\Des\gn\SamplePlan\Eng\list\tabs.dgn

SAMPLE PLAN

TURF ESTABLISHMENT

STATION TO STATION	LOCATION	SEEDING	SUBSOILING	SEED MIXTURE				FERTILIZER		HYDRAULIC MATRIX TYPE REINFORCED FIBER ②	ROLLED EROSION PREVENTION CATEGORY 20	SODDING TYPE LAWN	SODDING TYPE LAWN	WEED SPRAYING ④	WEED SPRAY MIXTURE ⑤	NOTES
				25-141	33-261	25-131	35-221	TYPE 3	TYPE 4							
				ACRE	ACRE	POUND	POUND	POUND	POUND							
CRDETH10																
234+86 TO 236+06	52' LT TO 316' LT	0.204	0.204	12				72		796				0.204	0.102	
235+15 TO 235+35	52' RT TO 60' RT	0.002	0.002					1			9					
235+21 TO 235+43	43' RT	0.003	0.003					1			14					
235+41 TO 235+50	52' RT TO 60' RT	0.002	0.002					1			6					
235+86 TO 235+90	57' RT TO 50' RT	0.001	0.001					1			2					
235+92 TO 236+09	44' RT TO 32' RT	0.002	0.002					1			9					
235+94 TO 236+18	60' RT TO 30' RT	0.003	0.003					1			15					
235+95 TO 238+46	186' LT TO 37' LT	0.086	0.086	5				31		335			0.086	0.043		
236+05 TO 238+47	60' LT TO 186' LT	0.466	0.466	27				164		2255			0.466	0.233		
236+18 TO 238+46	28' RT TO 73' RT	0.103	0.103			23		37		402			0.103	0.052		
236+37 TO 237+05	221' LT TO 86' LT	0.166	0.166				6						0.166	0.083		
236+38 TO 236+93	138' LT TO 100' LT	0.052	0.052		2								0.052	0.026		
238+47 TO 239+13	24' RT TO 73' RT	0.077	0.077	5				27		369			0.077	0.039		
238+47 TO 239+13	86' LT TO 37' LT	0.074	0.074	4				26		354			0.074	0.037		
238+64.9	163.7 LT											9			12" APR	
240+04 TO 240+73	24' RT TO 90' RT	0.087	0.087	5				31		419			0.087	0.044		
240+08 TO 240+73	37' LT TO 73' LT	0.069	0.069	4				25		329			0.069	0.035		
240+38.1	126.8' LT											9			12" APR	
240+71 TO 241+47	22' RT TO 41' RT	0.022	0.022					5			105		0.022	0.011		
240+72 TO 245+38	37' LT TO 190' LT	0.499	0.499	29				175		2410			0.499	0.250		
240+73 TO 249+87	47' LT TO 187' LT	0.096	0.096	6				34		374			0.096	0.048		
241+28 TO 242+71	74' LT TO 158' LT	0.203	0.203				7						0.203	0.102		
241+42 TO 242+58	88' LT TO 188' LT	0.067	0.067		2								0.067	0.034		
241+91 TO 243+25	41' RT TO 26' RT	0.022	0.022					5			105		0.022	0.011		
243+57 TO 245+38	144' LT TO 37' LT	0.072	0.072	4				26		281			0.072	0.036		
243+70 TO 243+86	24' RT TO 35' RT	0.004	0.004					1			16					
SELPCRDE																
3+41.10	52.9' LT											9			12" APR	
SWLPCRDE																
2+28.82	27.7' RT											10			18" APR	
2+29.22	31.0' LT											11			18" APR	
51NB																
227+60.09	38.3' RT											9			12" APR	
51SB																
227+82.18	108.6' LT											13			24" APR	
228+03.27	51.5' LT											15			24" APR	
TOTALS		2.382	2.382	102	4	23	13	665	81	2188	6136	281	85	2.365	1.186	

APPLICATION RATES

FERTILIZER TYPE 3 (22-5-10) 350 LBS/ACRE FOR SEED MIX 25-141
 FERTILIZER TYPE 3 (22-5-10) 350 LBS/ACRE FOR SEED MIX 25-131
 FERTILIZER TYPE 4 (18-1-8) 120 LBS/ACRE FOR SEED MIX 33-261
 FERTILIZER TYPE 4 (18-1-8) 180 LBS/ACRE FOR SEED MIX 35-221
 FERTILIZER TYPE 3 (22-5-10) 200 LBS/ACRE FOR SOD

- ① FOR DETAILS SEE SHEET NO. 337 TO 339.
- ② APPLIED AT THE RATE OF 3900 LBS/ACRE.
- ③ APRON TREATMENT.
- ④ WEED SPRAYING TO BE DONE THROUGHOUT THE PROJECT TO CONTROL AND PREVENT THE SPREAD OF WEEDS. SUBMIT A HERBICIDE APPLICATION RECORD TO THE ENGINEER FOR EACH APPLICATION. WEED SPRAYING WILL BE MEASURED BY THE AREA COVERED OR AREA SPOT SPRAYED BY HERBICIDE AND SUCCESSFULLY APPLIED AS INDICATED BY DEAD NOXIOUS WEEDS.
- ⑤ 2,4-D AMINE LABELED FOR BOTH AQUATIC AND RIGHT OF WAY USE AND FORMULATED AT 3.8 LB ACID EQUIVALENT PER GALLON WITH APPLICATION RATE OF 0.5 GALLONS/ACRE.

JOINT ADHESIVE

STATION	LOCATION	JOINT ADHESIVE	NOTES
		LN FT	
P7EB			
1036+14 TO 1045+22	0' LT	908	
1035+74 TO 1045+22	12' RT	948	
1035+74 TO 1040+00	20' RT TO 24' RT	426	
1036+14 TO 1041+49	12' LT TO 28' LT	535	
1041+87 TO 1045+22	14' LT	335	
1049+31 TO 1058+01	0' LT	870	
1049+31 TO 1051+20	12' RT	189	
1049+31 TO 1050+27	27' RT TO 25' RT	96	
1049+31 TO 1051+03	14' LT	172	
1052+11 TO 1058+01	12' RT	590	
1051+80 TO 1058+01	14' LT	621	
P7WB			
1035+14 TO 1045+22	0' LT	1008	
1035+14 TO 1045+22	14' RT	1008	
1035+14 TO 1045+22	12' LT	1008	
1041+75 TO 1045+22	24' RT	347	
1040+44 TO 1045+22	20' LT	478	
1036+16 TO 1040+42	20' LT TO 38' LT	426	
1049+31 TO 1058+06	0' LT	875	
1049+31 TO 1051+06	14' RT TO 26' RT	175	
1049+31 TO 1058+06	12' LT	875	
1049+31 TO 1052+32	23' LT TO 20' LT	301	
1051+58 TO 1058+06	12' RT	648	
1051+84 TO 1055+95	24' RT	411	
1055+95 TO 1056+95	24' RT TO 14' RT	100	
TOTAL		13350	

GLUE LAMINATED RUB RAIL ①

STATION	ATTACH TO NOISE WALL	GLUE LAMINATED RUB RAIL	NOTES
		LN FT	
NWALLF2	10+00 TO 14+48	F2	448
NWALLF2	23+20 TO 35+60	F2	1240
NWALLB1	10+00 TO 14+88	B1	488
NWALLC	14+40 TO 16+00	C	160
TOTAL			2336

TURF ESTABLISHMENT
 JOINT ADHESIVE
 GLUE LAMINATED RUB RAIL

TABULATIONS

REVISION DATE 12/13/16
 PLOTTED/REVISED: 26-FEB-2020

DISTRICT #: Metro
 IPLOT NAME: tabs
 FILENAME: Projects\DM_ROS\Wor_Proj\Des\gn\SamplePlan\Eng\Is\N\Tabs.dgn

CONCRETE PAVEMENT

P

ALIGNMENT	STATION TO STATION	LOCATION	DESCRIPTION	DOWEL BARS		DRILL & GROUT DOWEL BAR (SPECIAL) ①	CONCRETE PAVEMENT 8"	CONCRETE PAVEMENT 9"	CONCRETE PAVEMENT 10"	SUPPLEMENTAL PAVEMENT REINFORCEMENT	EXPANSION JOINTS DESIGN E8H	
				EPOXY COATED 1.25" EACH	HIGH PER- FORMANCE 1.25" EACH							
							SQ YD	SQ YD	SQ YD	POUND	LIN FT	
35WSB	758+84 - 772+65	24' LT - 30' LT	SHOULDER					748				
35WSB	758+84 - 764+42	12' RT - 17' RT	SHOULDER					331				
35WSB	758+84	12' LT - 12' RT				23						
35WSB	764+42	12' RT - 17' RT				4						
35WSB	764+17 - 764+32	12' LT - 30' LT							175			
RAMPA	20+00 - 23+52	30' LT - 11' RT	MAINLINE/SHOULDER		350			975				
RAMPA	23+52	18' LT - 12' RT								30		
RAMPB	31+00	14' LT - 8' LT								6		
RAMPB	31+21	8' LT - 8' RT								16		
RAMPB	31+00 - 31+87	14' LT - 8' RT	MAINLINE/SHOULDER		80			176				
RAMPB	31+87 - 36+46	14' LT - 8' RT	MAINLINE/SHOULDER		496			1115				
RAMPB	36+46	14' LT - 8' RT				21						
RAMPB	34+56 - 34+71	14' LT - 8' RT							215			
36EXIT	53+01 - 58+04	8' LT - 11' RT		646			1062					
36ENT	71+77 - 78+55	26' LT - 8' RT		930			1527					
36ENT	72+11 - 72+26	11' LT - 8' RT							180			
35HOV	81+04 - 85+90	8' LT - 8' RT		528			864					
35HOV	83+18 - 83+48	8' LT - 8' RT							320			
35HOV	84+58 + 84+73	8' LT - 8' RT							155			
35HOV	85+15 - 85+30	8' LT - 8' RT							155			
35ENT	62+84 - 69+82	8' LT - 22' RT		919			1525					
35ENT	63+19 - 63+49	8' LT - 11' RT							370			
35ENT	66+48 - 66+78	8' LT - 11' RT							370			
35ENT	67+79 + 67+94	8' LT - 11' RT							180			
35ENT	69+35 - 69+50	8' LT - 20' RT							260			
35EXIT	24+81 - 29+80	10' LT - 12' RT		612			1181					
35EXIT	29+35 - 29+50	10' LT - 8' RT							175			
31EXIT	72+27 - 79+53	12' LT - 12' RT		941			1586					
31EXIT	77+15 - 77+30	12' LT - 12' RT							230			
31EXIT	79+14 - 79+29	12' LT - 10' RT							220			
31ENT	35+30 - 39+87	14' LT - 8' RT		621			1056					
28EXIT	20+07 - 20+16	13' LT - 12' RT								27		
28EXIT	20+07 - 25+79	12' LT - 18' RT		872			1737					
RAMP3	38+07 - 41+92	14' LT - 16' RT		448			771					
RAMP3	40+93 - 41+38	11' LT - 12' RT							625			
RAMP3	41+92	12' LT - 12' RT				23						
RAMP4	37+95 - 46+23	11' LT - 18' RT		863			1505					
RAMP4	43+65 - 43+95	8' LT - 12' RT							390			
RAMP4	45+35 - 45+65	8' LT - 9' RT							315			
RAMP4	46+23	8' LT - 8' RT				15						
28THALLEY	30+07 - 30+62	5' LT - 5' RT					65					
28THALLEY	31+27 - 31+80	5' LT - 5' RT					65					
26TH	52+72 - 53+04	29' LT - 35' RT								72		
26TH	55+48 - 55+80	29' LT - 35' RT								72		
28TH	35+01 - 35+31	22' LT - 22' RT								55		
28TH	37+83 - 38+24	22' LT - 22' RT								65		
FRANKLIN	83+91	35' LT - 35' RT								70		
FRANKLIN	86+79	34' LT - 34' RT								68		
TOTALS					7380	105350	318	12944	4134	227239	60772	1466

BRIDGE APPROACH PANELS

Q

BRIDGE NO.	DIRECTIONAL END	REMOVE CONCRETE APPROACH PANEL	BRIDGE APPROACH PANELS	REMARKS
		SQ. YD.	SQ. YD.	
9311	WEST	51		
9311	EAST	63		
9312	WEST	132		
9312	EAST	145		
9310	WEST	123		
9310	EAST	123		
9447	NORTH	102		
9447	SOUTH	117		
9301	WEST	80		
9301	EAST	77		
9448	NORTH	117		
9448	SOUTH	119		
9302	WEST	145		
9302	EAST	119		
9209	WEST	87		
9209	EAST	87		
9210	WEST	87		
9210	EAST	87		
62716	WEST		124	
62716	EAST		124	
62717	WEST		160	
62717	EAST		157	
62719	WEST		265	
62719	EAST		381	
62720	WEST		159	
62720	EAST		196	
62051	NORTH		240	
62051	SOUTH		261	
62052	NORTH		368	
62052	SOUTH		484	
62723	WEST		155	
62723	EAST		153	
62724	WEST		155	
62724	EAST		152	
TOTALS		1861	3534	

① FOR DETAILS, SEE SHEET NO. 113.

SAMPLE PLAN

Will D. Zire
 LICENSED PROFESSIONAL ENGINEER

CONCRETE PAVEMENT
 BRIDGE APPROACH PANELS
 SHEET 4 OF 5

TABULATIONS

DRAWN BY: CT CHECKED BY: HS CERTIFIED BY: _____ LIC. NO. 00000 DATE 10/27/16 STATE PROJ. NO. 0000-00 (T.H. 00) SHEET NO. 15 OF 84 SHEETS

REVISION DATE 06/05/19
 PLOTTED/REVISED: 26-FEB-2020

DISTRICT #: Metro
 I/PLOT NAME: tabs
 FILENAME: Project\DM_ROS\W01_P\Project\Des\SamplePlan\Eng\list\tabs.dgn

TRAFFIC BARRIER

F

SITE NO.	ALIGNMENT	STATION TO STATION	LOCATION	REMOVE ANCHORAGE ASSEMBLY - TENSION CABLE	REMOVE ANCHORAGE ASSEMBLY- PLATE BEAM	REMOVE TWISTED END TREATMENT	REMOVE ENERGY ABSORBING TERMINAL	REMOVE GUARDRAIL- PLATE BEAM	REMOVE GUARDRAIL- BOX BEAM	REMOVE TENSION CABLE GUARDRAIL	SALVAGE GUARDRAIL- BULL NOSE	COMMON EMBANKMENT (CV) ⑧	ANCHORAGE ASSEMBLY- TYPE 31	ANCHORAGE ASSEMBLY- TENSION CABLE	END TREATMENT- TANGENT TERMINAL ④	TRAFFIC BARRIER DESIGN SPECIAL	TRAFFIC BARRIER DESIGN TYPE 31	INSTALL TRAFFIC BARRIER DESIGN BULL NOSE	POST IN CONCRETE	T-BARRIER BRIDGE CONN DES 8318	TENSION CABLE GUARDRAIL	MULCH MATERIAL TYPE 9
				EACH	EACH	EACH	EACH	LIN FT	LIN FT	LIN FT	LIN FT	CU YD	EACH	EACH	EACH	LIN FT	LIN FT	LIN FT	EACH	EACH	LIN FT	CU YD
1	SB52	42+01 TO 59+30	LT				1 ①	1475 ⑨				75			1	25 ⑩	1700 ⑤					
2	SB52	42+34 TO 44+95	RT					375 ⑨			100	29				25 ⑩	350 ⑥	100		1		80
3	NB52	43+19 TO 56+03	RT		1			1275				68	1				1288			1		
4a	NB52	52+90 TO 56+16	LT				2 ②		175			16	1		1		325					
4b	SB52	55+37 TO 58+62	RT										1		1		325					
5	NB52	63+95 TO 72+32	RT		2		2 ①	150				14	1		1		838					
6	SB52	66+95 TO 70+45	RT										1		1		350					
7	NB52	69+94 TO 72+44	LT										1		1		250					
8a	SB52	73+28 TO 76+53	LT		1		1 ①	75				7	1		1		325					
8b	SB52	73+14 TO 75+64	RT										1		1		250					
9	SB52	97+08 TO 98+37	LT		1		1 ③	75				7										
10	NB52	144+02 TO 146+09	LT					228			200	25					225 ⑦	200				28
11	SB52	45+11 TO 56+20	RT											2							1111	
12	NB52	55+32 TO 67+00	LT											2							1164	
13	SB52	67+50 TO 72+60	RT											2							510	
14	NB52	73+00 TO 83+00	LT											2							1000	
15	SB52	82+80 TO 92+69	RT											2							989	
16	NB52	90+50 TO 101+60	LT											2							1110	
17	SB52	102+70 TO 114+80	RT											2							1210	
18	NB52	115+30 TO 124+37	LT											2							907	
19	SB52	124+17 TO 135+00	RT											2							1083	
20	NB52	132+81 TO 143+94	LT											2							1114	
21	NB52	54+91 TO 55+29	RT			1		100				20			1	25 ⑩	25 ⑤					
22	NB52	55+25 TO 55+61	RT			1		100 ⑨				12			1	25 ⑩	50 ⑤					
23	SB52	55+87 TO 56+31	LT			1		100 ⑨				10			1	25 ⑩	50 ⑤					
24	SB52	56+21 TO 56+60	LT			1		100				8			1	25 ⑩	25 ⑤					
25	NB52	36+65 TO 39+25	LT					375 ⑨			100	28			1	25 ⑩	328 ⑥	100		1		76
26	NB52	142+27 TO 144+78	RT										1		1		250		10			
27	SB52	145+31 TO 147+80	LT							653			1		1		250		10			
28	NB52	155+12 TO 161+65	LT	1																		
TOTALS				1	5	4	7	4428	175	653	400	319	10	21	14	175	7204	400	20	3	10198	184

MISCELLANEOUS DRAINAGE

G

STATION TO STATION	LOCATION	REMOVE CONCRETE APRON	REMOVE CONCRETE CULVERT	REMOVE SEWER PIPE (STORM)	SAFETY GRATE FOR 18" GS APRON	SAFETY GRATE FOR 51" SPAN RC PIPE-ARCH APRON
		EACH	LIN FT	LIN FT	EACH	EACH
NB52						
72+90 TO 72+93	RT	1	6			
73+30 TO 73+38	LT	1	6			
84+21	RT	1	6			
115+18	LT	1	6			
115+18	RT	1	6			
150+25	LT	1	6			
150+25	RT	1	6			
SB52						
56+70	LT & RT	1		63		
67+68	RT	1	6			
84+21	LT	1	6			
97+20	LT					1
103+19	LT				1	
127+43	LT	1		6		
TOTALS		11	54	69	1	1

RUMBLE STRIPS

H

STATION TO STATION	LOCATION	MILLED SINUSOIDAL RUMBLE STRIPS (CONCRETE)- INTERMITTENT
		LIN FT
NB52		
43+32 TO 64+05	RT	2073
43+32 TO 72+32	LT	2900
72+73 TO 155+19	LT	8246
99+20 TO 124+66	RT	2546
133+22 TO 138+79	RT	557
141+28 TO 155+19	RT	1391
SB52		
42+49 TO 72+87	RT	3038
42+49 TO 57+40	LT	1491
73+29 TO 154+55	RT	8126
81+45 TO 147+65	LT	6620
149+81 TO 154+55	LT	474
TOTALS		37462

SAMPLE PLAN

- ① ET-2000.
- ② BEAT-BP.
- ③ ET-PLUS.
- ④ APPROVED TANGENT TERMINALS ARE MSKT AND SOFTSTOP. SEE DETAILS ON SHEET NO. 27 AND 28.
- ⑤ LENGTH INCLUDES 1 25' TRANSITION FROM 31" HEIGHT TO 28" HEIGHT. SEE DETAIL ON SHEET NO. 30.
- ⑥ LENGTH INCLUDES 3 25' TRANSITIONS FROM 31" HEIGHT TO 28" HEIGHT. SEE DETAIL ON SHEET NO. 45.
- ⑦ LENGTH INCLUDES 4 25' TRANSITIONS FROM 31" HEIGHT TO 28" HEIGHT. SEE DETAIL ON SHEET NO. 45.
- ⑧ QUANTITIES PROVIDED FOR BACKFILLING POST HOLES AND GRADING AROUND END TREATMENTS. FOR END TREATMENT GRADING DETAILS SEE SHEET NO. 57. BULLNOSE GRADING QUANTITIES ARE INCLUDED IN THE EARTHWORK TABULATION.
- ⑨ INCLUDES 25 LIN FT OF DESIGN SPECIAL.
- ⑩ CONNECT TO J-SHAPE BARRIER. SEE STANDARD PLAN ON SHEET NO. 59.
- ⑪ CONNECT TO VERTICAL SHAPE BARRIER. SEE STANDARD PLAN ON SHEET NO. 60 AND 61.

TRAFFIC BARRIER
 MISCELLANEOUS DRAINAGE
 RUMBLE STRIPS
 SHEET 5 OF 5

TABULATIONS