

EARTHWORK FOR MAINLINE PAVEMENT

ITEM 203, EMBANKMENT INCLUDES CONSTRUCTION EMBANKMENTS TO PLAN LINES AND INCLUDES FURNISHING AND PLACING SUITABLE BORROW MATERIAL AS SPECIFIED IN 203. BENCHING PER SECTION 800 OF THE GEOTECHNICAL DESIGN MANUAL SHALL BE FOLLOWED AND ANY TEMPORARY FILL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

EXCAVATED SOILS ON THE PROJECT SITE MAY NOT BE SUITABLE FOR EMBANKMENT USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY ON-SITE SOIL USED AS EMBANKMENT MEETS THE REQUIREMENTS OF 203.

EXCAVATION SHALL INCLUDE THE FULL DEPTH ASPHALT PAVEMENT SHOULDERS AND/OR PAVEMENT LIMITS AND IS INCLUDED IN THE VOLUMES PROVIDED BELOW.

THE FOLLOWING IS A SUMMARY OF ALL EARTHWORK QUANTITIES GENERATED BY THE CROSS SECTIONS.

IR-77		
203, EXCAVATION	131225 CU. YD.	
203, EMBANKMENT	57020 CU. YD.	

SR-176		
RAMP A	203, EXCAVATION	1624 CU. YD.
	203, EMBANKMENT	337 CU. YD.
RAMP E	203, EXCAVATION	487 CU. YD.
	203, EMBANKMENT	264 CU. YD.
RAMP B	203, EXCAVATION	1489 CU. YD.
	203, EMBANKMENT	1516 CU. YD.
RAMP C	203, EXCAVATION	1805 CU. YD.
	203, EMBANKMENT	1658 CU. YD.
RAMP D	203, EXCAVATION	1766 CU. YD.
	203, EMBANKMENT	1112 CU. YD.

IR-271		
RAMP A	203, EXCAVATION	661 CU. YD.
	203, EMBANKMENT	0 CU. YD.
RAMP B	203, EXCAVATION	723 CU. YD.
	203, EMBANKMENT	58 CU. YD.
RAMP C	203, EXCAVATION	576 CU. YD.
	203, EMBANKMENT	5 CU. YD.
RAMP D	203, EXCAVATION	488 CU. YD.
	203, EMBANKMENT	49 CU. YD.

SR-21		
RAMP F	203, EXCAVATION	2245 CU. YD.
	203, EMBANKMENT	813 CU. YD.

THE FOLLOWING ESTIMATED QUANTITIES ARE TO ACCOUNT FOR CAVITY AREAS CREATED IN THE FULL DEPTH ASPHALT PAVEMENT REMOVAL AREAS:

203, EXCAVATION	2247 CU. YD.
203, EMBANKMENT	2527 CU. YD.

THE FOLLOWING GRAND TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY:

203, EXCAVATION	145336 CU. YD.
203, EMBANKMENT	65359 CU. YD.

RUMBLE STRIPES (ASPHALT CONCRETE)

THE FOLLOWING ITEMS AND QUANTITIES HAVE BEEN PROVIDED TO INSTALL RUMBLE STRIPES ALONG THE FOLLOWING ROUTES:

EDGE LINE:
IR 77 NORTHBOUND: SLM 28.75 TO SLM 32.27
IR 77 SOUTHBOUND: SLM 28.75 TO SLM 32.27

IN ALL AREAS WHERE JOINTS ARE REQUIRED THE CONTRACTOR SHALL FOLLOW CMS 401.

OBJECT MARKERS AND CONDUIT IDENTIFICATION SIGNS

OBJECT MARKERS WILL BE PLACED ON EACH APPROACH OFF THE LEFT AND RIGHT SHOULDER, FACING TRAFFIC, AND BEHIND THE GUARDRAIL IF APPLICABLE. ONE OM-3L AND ONE OM-3R WILL BE INSTALLED AT EACH APPROACH. THE SIGNS WILL BE MOUNTED ON NEW NO. 2 POSTS AND SHALL BE INSTALLED AS PER STANDARD CONSTRUCTION DRAWING TC-41.20, MOST CURRENT REVISION. EACH POST WILL BE 10.5' IN LENGTH.

CONDUIT IDENTIFICATION SIGNS (I-H25b) WILL BE INSTALLED ON THE SAME POST AND DIRECTLY BELOW THE OBJECT MARKER OFF THE RIGHT SHOULDER ON EACH APPROACH. A QUANTITY OF ONE SIGN WILL BE INSTALLED AT EACH APPROACH. THE SIGNS WILL HAVE A NON-REFLECTIVE WHITE SHEETING BACKGROUND. INSTALL SIGNS FOR THE FOLLOWING CONDUITS (CFN#):

CFN #	ENDS	CFN #	ENDS	CFN #	ENDS	CFN #	ENDS
1809158	1	1830176	2	1989936	1	1989970	1
1820914	2	1830178	2	1989937	1	1989971	1
1820915	2	1830179	2	1989938	1	1989972	1
1820920	2	1847706	2	1989950	1	1989973	1
1820921	2	1847707	2	1989960	1	1989974	1
1822009	2	1847709	2	1989961	1	1989975	1
1822010	1	1847711	2	1989962	1	1989976	1
1830170	2	1989922	1	1989963	1	1989977	1
1830171	1	1989923	1	1989964	1	1990047	1
1830172	2	1989924	2	1989965	1	1990048	1
1830174	2	1989925	1	1989969	1		

THE FOLLOWING QUANTITIES ARE FOR EACH APPROACH END:

- ITEM 630 – SIGN, FLAT SHEET, 730.20, 1 SQ FT
- ITEM 630 – SIGN, FLAT SHEET, 6 SQ FT
- ITEM 630 – GROUND MOUNTED SUPPORT, NO. 2 POST, 21 FT
- ITEM 630 – REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, 3 EACH
- ITEM 630 – REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, 2 EACH

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 630 – SIGN, FLAT SHEET, 730.20	59 SQ FT
ITEM 630 – SIGN, FLAT SHEET	354 SQ FT
ITEM 630 – GROUND MOUNTED SUPPORT, NO. 2 POST	1239 FT
ITEM 630 – REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	177 EACH
ITEM 630 – REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	118 EACH

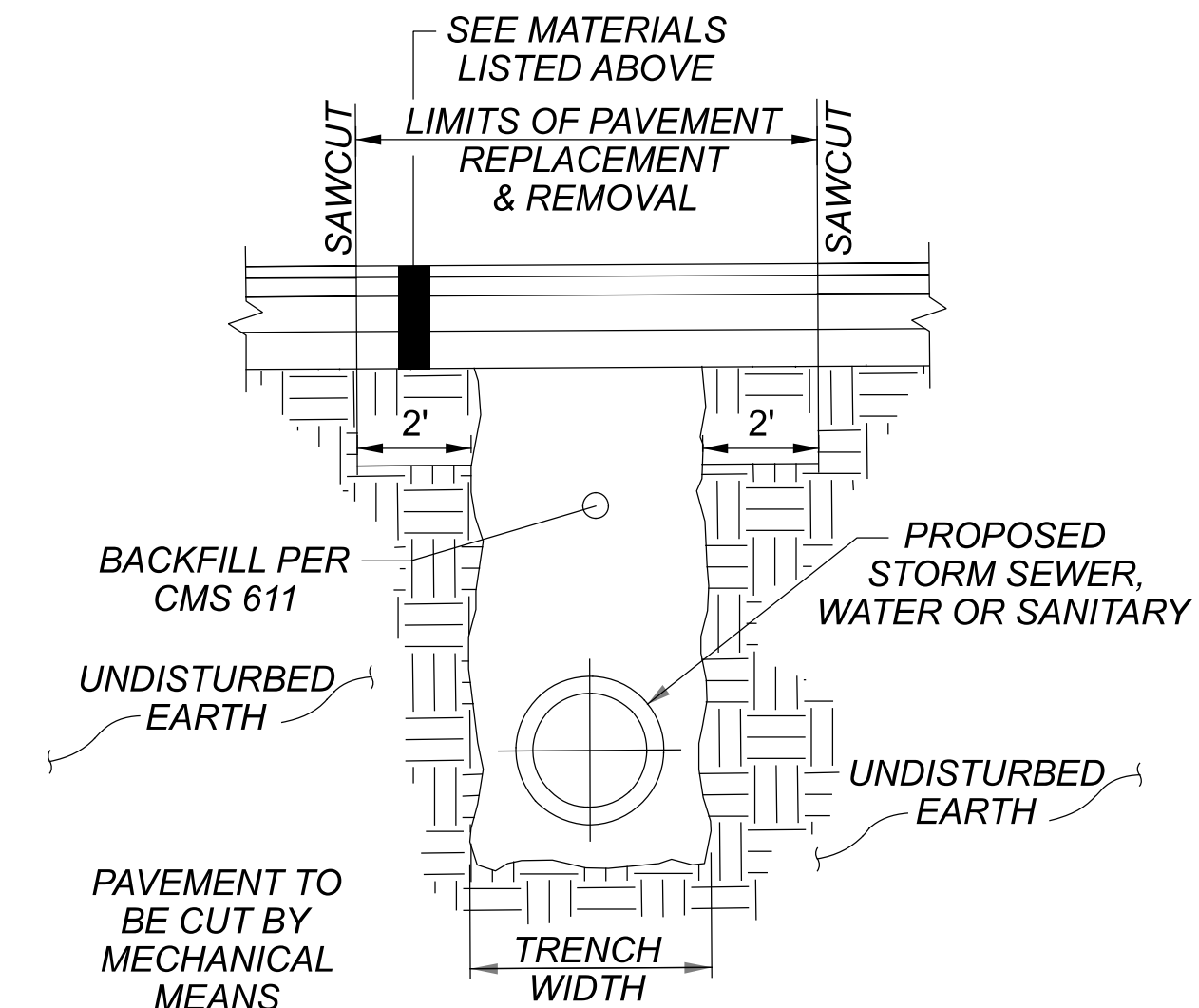
PAVEMENT RESTORATION FOR PIPE INSTALLATIONS AND/OR REMOVAL OF PIPES

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED FOR PAVEMENT RESTORATION FOLLOWING THE INSTALLATION AND/OR REMOVAL OF PIPES.

ITEM 202 - PAVEMENT REMOVED	32 SY
ITEM 441 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22, AS PER PLAN	2 CY
ITEM 407 - NON-TRACKING TACK COAT (0.055 GAL/SY)	2 GAL
ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (449)	2 CY
ITEM 301 - 4" ASPHALT CONCRETE BASE, (449), PG64-22	4 CY
ITEM 304 - 4" AGGREGATE BASE	4 CY

THE ABOVE QUANTITIES ARE BASED ON A PAVEMENT RESTORATION WIDTH THAT INCLUDES THE TRENCH WIDTH PLUS TWO FEET ON EACH SIDE OF THE TRENCH.

PROVIDE ANY MATERIALS USED OUTSIDE THE LIMITS STATED ABOVE AT NO ADDITIONAL COST.



**PAVEMENT REPLACEMENT DETAIL
N.T.S.**

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE PAVED SHOULDERS WITHOUT GUARDRAIL, OR AS DIRECTED BY THE ENGINEER, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

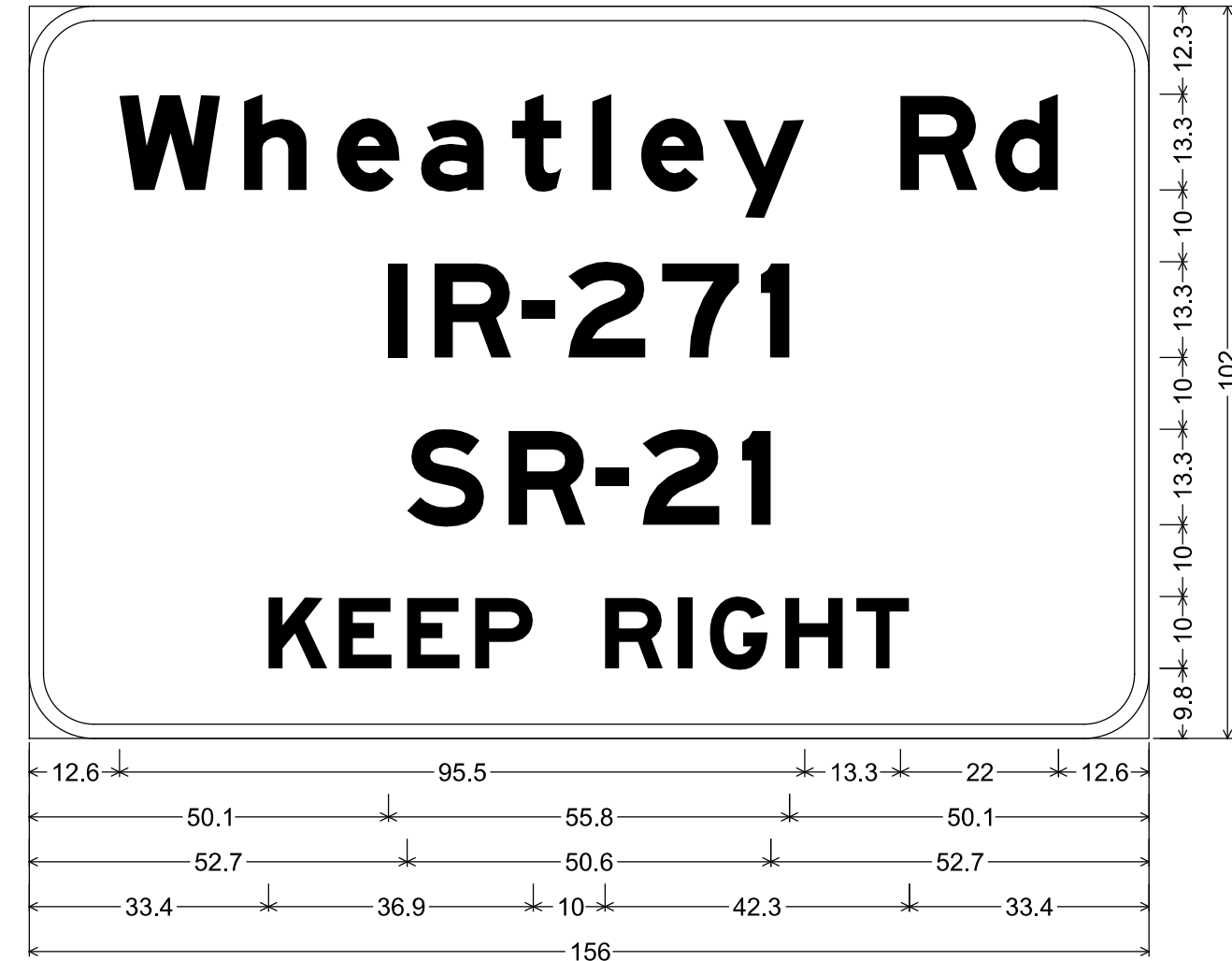
MODIFIED GRADATION SHALL APPLY:
SIEVE TOTAL PERCENT PASSING
1- 1/2 " 100
3/4 " 50-100
NO. 4 35-70
NO. 30 9-33
NO. 200 0-13

AN ESTIMATED QUANTITY HAS BEEN PROVIDED IN THE GENERAL SUMMARY FOR THIS WORK.

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

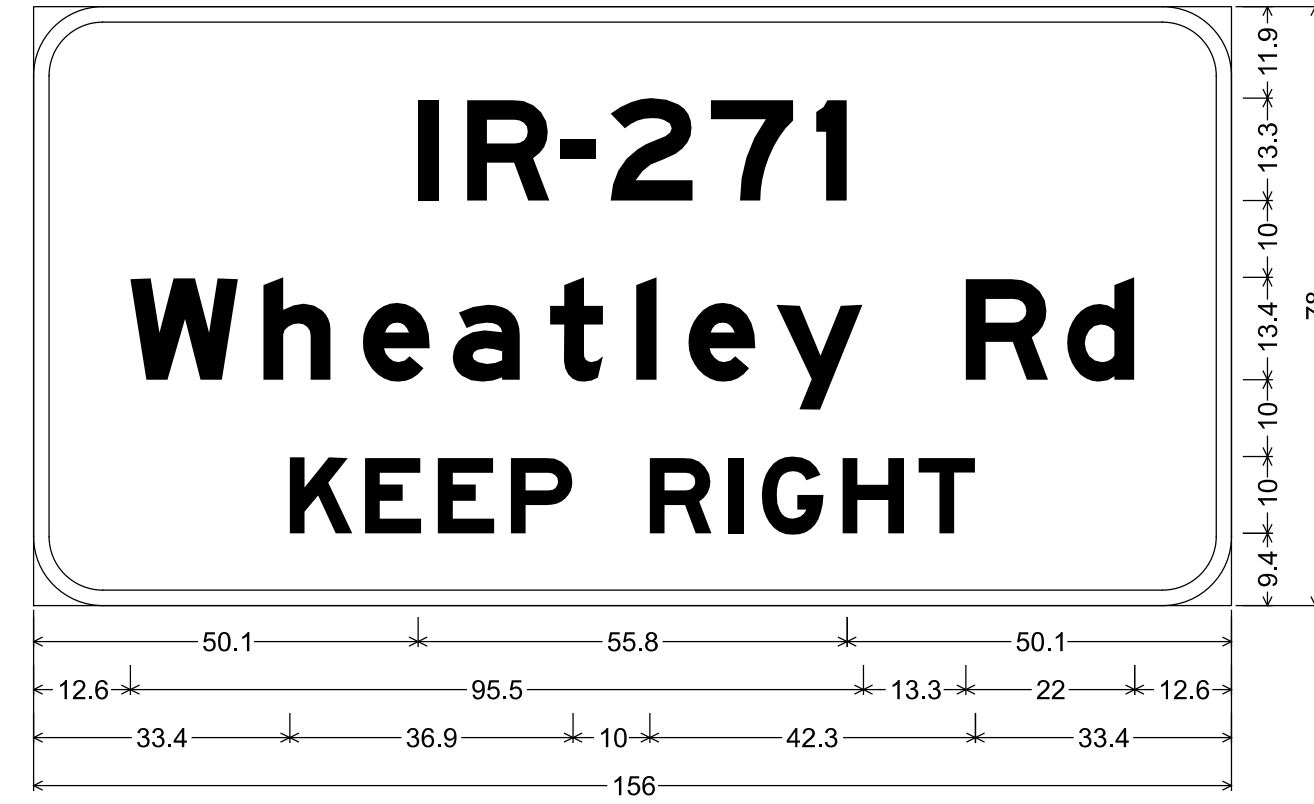
SPECIAL-A
LEVEL 2 SIGN - GROUND MOUNTED



9.0" Radius, 2.0" Border, Black on Orange;
"Wheatley Rd", E Mod 2K; "IR-271", E Mod 2K; "SR-21", E Mod 2K;
"KEEP RIGHT", E Mod 2K;

Table of widths and spaces

SPECIAL-C
LEVEL 2 SIGN - GROUND MOUNTED



9.0" Radius, 2.0" Border, Black on Orange;
"IR-271", E Mod 2K; "Wheatley Rd", E Mod 2K; "KEEP RIGHT", E Mod 2K;

Table of widths and spaces

ITEM 614 - MAINTAINING TRAFFIC, MISC.: BRIDGE DECK AND PAVEMENT PATCHING

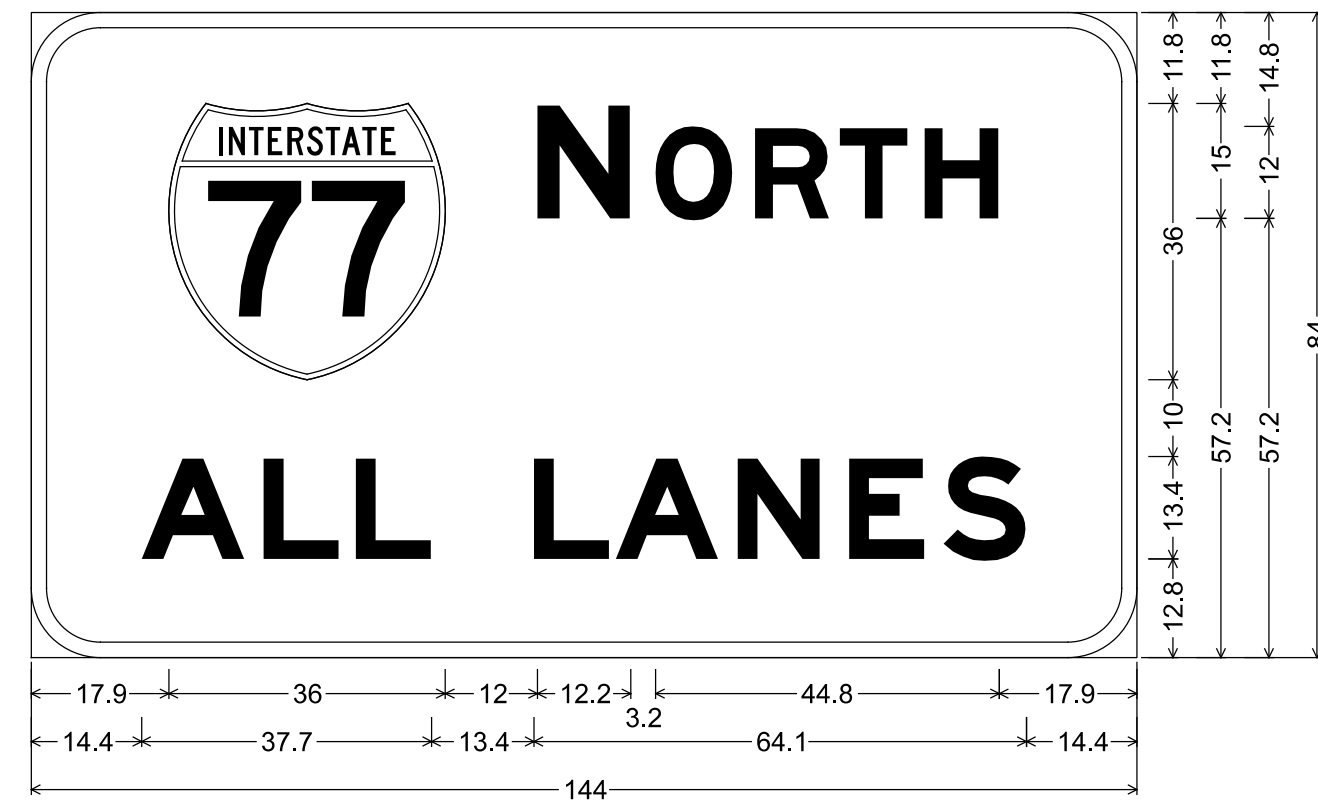
THIS WORK WILL BE AS DIRECTED BY THE ENGINEER AND WILL INCLUDE ALL ASSOCIATED MOT COSTS WITH THE ACTIVITY. THE COST FOR EACH ITEM SHALL BE \$1.00. THE FIXED AMOUNT SHOWN IN THE PROPOSAL IS INCLUDED (AS ANY OTHER BID ITEMS) IN THE TOTAL BID AMOUNT. THIS FIXED AMOUNT IS THE DEPARTMENT'S ESTIMATE OF THE TOTAL COST OF BRIDGE DECK AND PAVEMENT PATCHING WORK REQUIRED TO BE PERFORMED WITHIN THE WORK LIMITS AS DIRECTED BY THE ENGINEER. C&MS TABLE 104.02-2 DOES NOT APPLY TO REDUCTIONS IN THIS CONTRACT ITEM. FORCE ACCOUNT RECORDS SHALL BE KEPT TO TRACK AND ULTIMATELY DETERMINE THE AMOUNT OF THE PAY ITEM USED. THE WORK ITEM SHALL INCLUDE ALL WORK, AS DIRECTED BY THE ENGINEER, NEEDED TO RE-ESTABLISH A REASONABLY SAFE AND PASSABLE CONDITION OF THE DECK AND/OR PAVEMENT FOR THE DURATION OF THE REQUIRED UPCOMING MOT PHASES. THE CONTRACTOR SHALL MEET WITH THE ENGINEER TO ESTABLISH THE WORK AFTER EXECUTION OF THE CONTRACT. THE CONTRACTOR'S PROPOSED PHASING AND PHASING DURATIONS WILL ASSIST THE ENGINEER IN DETERMINING THE EXTENT OF THE WORK. THIS WORK IS ONLY INTENDED TO ESTABLISH A SAFE AND DRIVABLE CONDITION FOR THE DURATION OF THE PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITIES OF 614.02B.

M447: ITEM 614 - MAINTAINING TRAFFIC, MISC.: SAFETY REPAIRS FOR IMPACT ATTENUATORS OR GUARDRAIL DAMAGED BY THE MOTORING PUBLIC, THE CONTRACTOR SHALL FOLLOW THE PROCESS OUTLINED IN 107.15. IF NO ACCIDENT REPORT IS AVAILABLE, THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FROM THE VARIOUS POSSIBLE RESPONDING AGENCIES THAT NO ACCIDENT REPORT IS AVAILABLE. FOR INCIDENTS WITH AN ACCIDENT REPORT AVAILABLE, BUT THE OWNER OR INSURANCE COMPANY IS NON-RESPONSIVE, COPIES OF THE COMMUNICATION SHALL BE SUBMITTED TO THE PROJECT PER 107.15B. FOR BOTH CONDITIONS LISTED ABOVE, THE ENGINEER SHALL DETERMINE THE SAFETY ITEMS THAT MAY BE REPAIRED AND THE SAFETY ITEMS THAT SHALL BE REPLACED. THE WORK WILL BE AS DIRECTED BY THE ENGINEER AND WILL INCLUDE ALL MAINTENANCE OF TRAFFIC COSTS ASSOCIATED WITH THE ACTIVITY. THE COST FOR EACH ITEM SHALL BE \$1.00. THE FIXED AMOUNT SHOWN IN THE PROPOSAL IS INCLUDED (AS ANY OTHER BID ITEMS) IN THE TOTAL BID AMOUNT. THIS FIXED AMOUNT IS THE DEPARTMENT'S ESTIMATE OF THE TOTAL COST FOR THE REPAIR OR REPLACEMENT OF SAFETY ITEMS WITHIN THE WORK LIMITS AS DIRECTED BY THE ENGINEER. CMS TABLE 104.02-2 DOES NOT APPLY TO REDUCTIONS IN THIS CONTRACT ITEM. FORCE ACCOUNT RECORDS SHALL BE KEPT TO TRACK AND ULTIMATELY DETERMINE THE AMOUNT OF THE PAY ITEM USED. THIS ITEM SHALL INCLUDE PAYMENT FOR ALL WORK, INCIDENTALS, AND ALL ASSOCIATED COSTS FOR THE REPAIR OR REPLACEMENT OF DAMAGED SAFETY ITEMS AS DIRECTED BY THE ENGINEER.

ITEM 614 - MAINTAINING TRAFFIC, MISC.: BRIDGE DECK AND PAVEMENT PATCHING, 300,000 EACH

ITEM 614 - MAINTAINING TRAFFIC, MISC.: SAFETY REPAIRS, 300,000 EACH

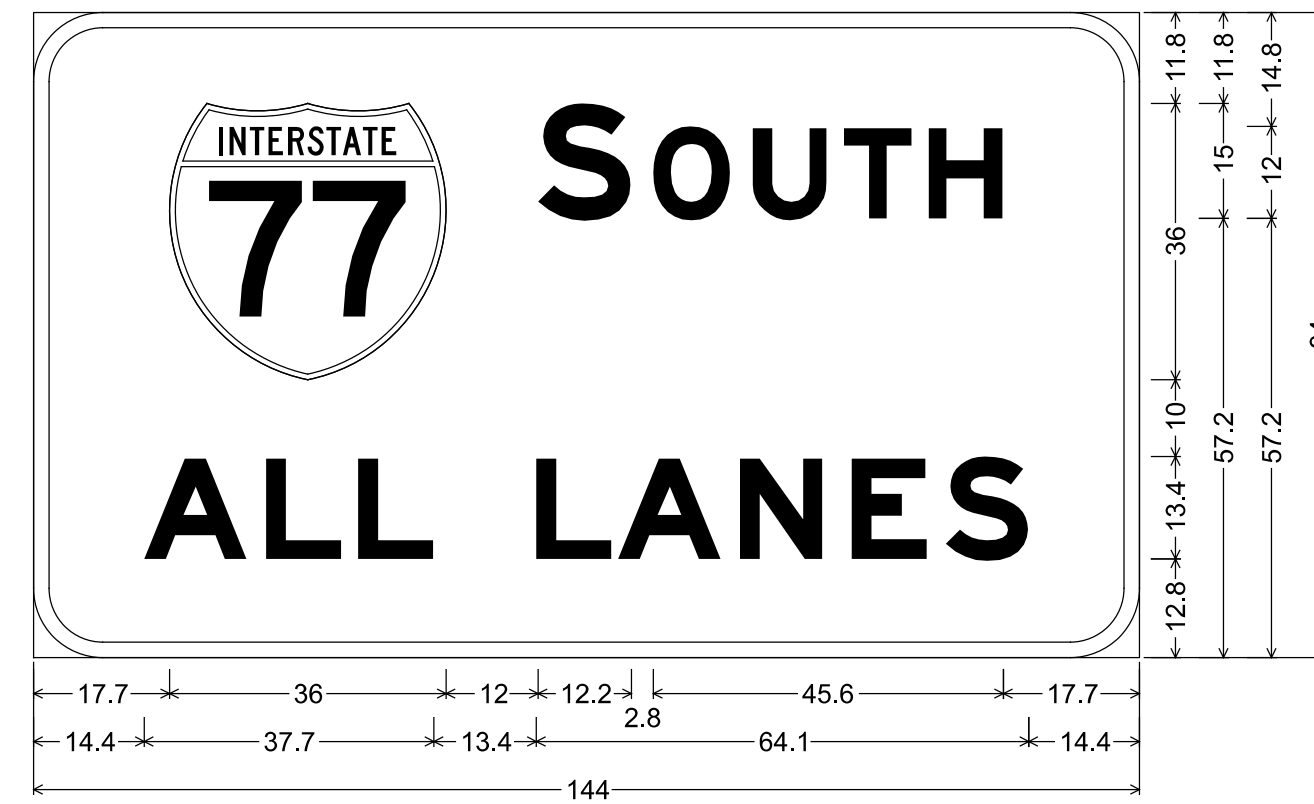
SPECIAL-B
LEVEL 2 SIGN - GROUND MOUNTED



9.0" Radius, 2.0" Border, Black on Orange;
Interstate 77 M1-1; "NORTH", E Mod 2K; "ALL LANES", E Mod 2K;

Table of widths and spaces

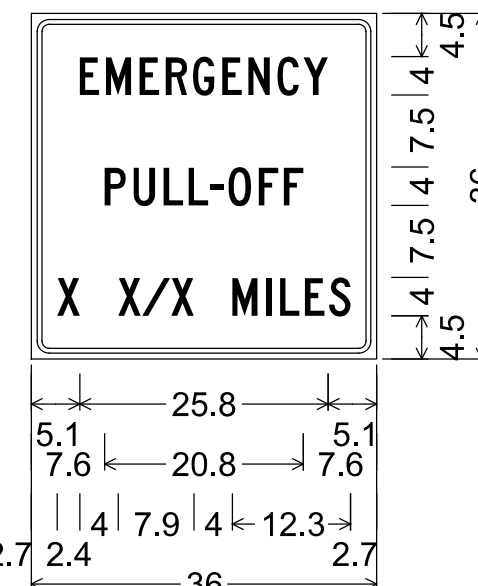
SPECIAL-D
LEVEL 2 SIGN - GROUND MOUNTED



9.0" Radius, 2.0" Border, Black on Orange;
Interstate 77 M1-1; "SOUTH", E Mod 2K; "ALL LANES", E Mod 2K;

Table of widths and spaces

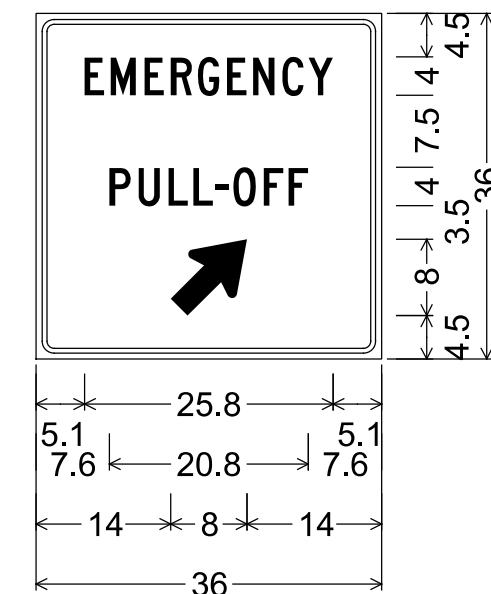
SPECIAL-E (GROUND MOUNTED)
ALL COSTS INCIDENTAL TO ITEM 614 - MAINTAINING TRAFFIC



1.9" Radius, 0.5" Border, 0.6" Indent, Black on White;
"EMERGENCY", C 2K;
"PULL-OFF", C 2K;
"X X/X MILES", C 2K;

Table of widths and spaces

SPECIAL-F (GROUND MOUNTED)
ALL COSTS INCIDENTAL TO ITEM 614 - MAINTAINING TRAFFIC



1.9" Radius, 0.5" Border, 0.6" Indent, Black on White;
"EMERGENCY", C 2K;
"PULL-OFF", C 2K;
Standard Arrow Custom 10.0" X 6.8" 45°;

Table of widths and spaces

SPECIAL-F(L): SIGN WITH LEFT ARROW AT 45° LEFT OF TOP CENTER
SPECIAL-F(R): SIGN WITH RIGHT ARROW AT 45° RIGHT OF TOP CENTER (SHOWN ABOVE)

PAVEMENT MARKINGS FOR POST-MOT ROADWAY CONDITION
THE FOLLOWING PAVEMENT MARKING QUANTITIES ARE PROVIDED FOR USE BY THE CONTRACTOR IN PLACING BASIC PAVEMENT MARKINGS IN THE FINAL LAYOUT CONDITION THROUGHOUT THE PROJECT AS DIRECTED BY THE ENGINEER. FOR PLACEMENT OF THESE PAVEMENT MARKINGS, REFER TO THE TRAFFIC CONTROL PLANS STARTING ON SHEET 574 . NOT ALL MARKINGS SHOWN ON THE TRAFFIC CONTROL PLANS ARE INTENDED TO BE INSTALLED AT THIS TIME.

THE FOLLOWING CLASS I PAVEMENT MARKINGS ARE INTENDED TO BE USED ON THE INTERMEDIATE COURSE OF PAVEMENT:
WORK ZONE LANE LINE, CLASS I, 6" 16.6 MILE
WORK ZONE EDGE LINE, CLASS I, 6" 20.5 MILE
WORK ZONE CHANNELIZING LINE, CLASS I, 12" 9280 FT
WORK ZONE DOTTED LINE, CLASS I 8100 FT
WORK ZONE STOP LINE, CLASS I 45 FT

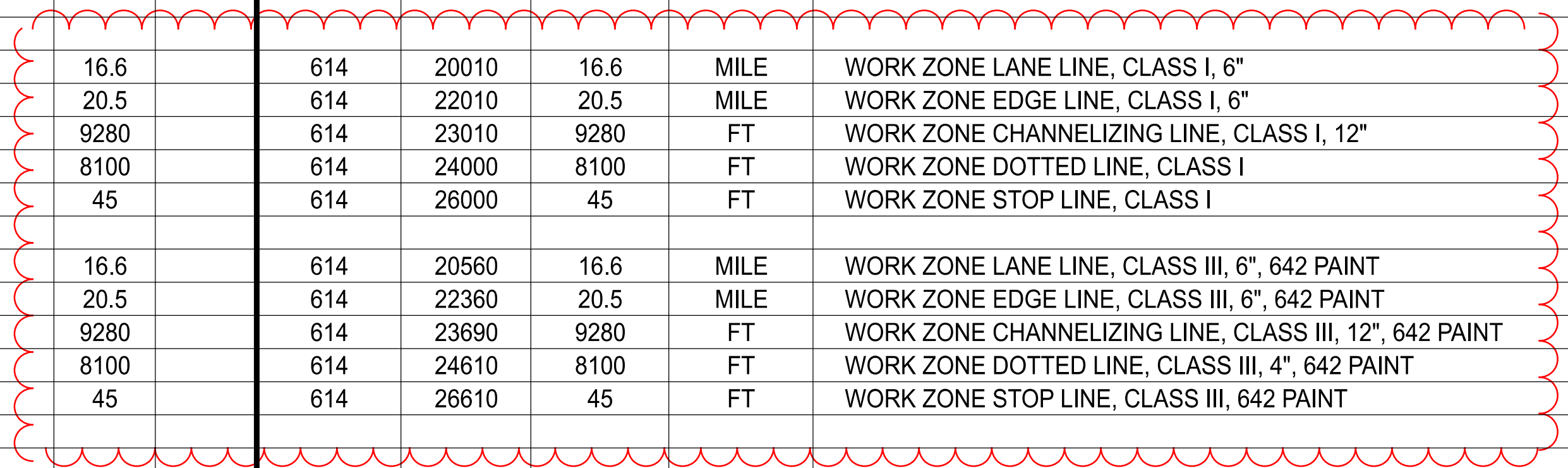
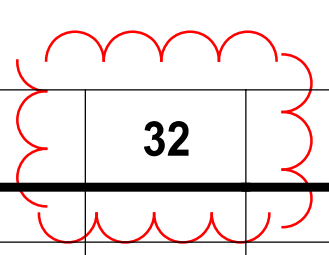
THE FOLLOWING CLASS III PAVEMENT MARKINGS ARE INTENDED TO BE USED ON THE SURFACE COURSE OF PAVEMENT:
WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT 16.6 MILE
WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT 20.5 MILE
WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT 9280 FT
WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT 8100 FT
WORK ZONE STOP LINE, CLASS III, 642 PAINT 45 FT

THESE ITEMS AND QUANTITIES ARE FORWARDED DIRECTLY TO THE MOT SUBSUMMARY, SHEET 33

SHEET NUMBER

34 35 36 37 38 39 40 41 42 43 44 45 32

Table with columns for sheet numbers 34-44 and 45, 32. Rows include quantities for various items like 1641, 132, 158, 69, 2400, 210, 429, 210, 1350, 450, 600, 3, 13, 2, 3, 3, 5, 3, 3, 5, 1, LUMP, 34, 2, 52, 1308, 800, 1090, 441, 471, 946, 129, 678, 246, 19, 250, 86, 114, 874, 438, 386, 619, 121, 296, 312, 31, 291, 43, 87, 8, 59, 39, 79, 86, 114, 382, 58, 95, 466, 13, 190, 391, 31, 246, 174, 378, 106, 113, 88, 300000, 300000, 144, 6.2, 8.47, 2.25, 19.78, 5.11, 8.46, 22.07, 5.97, 7.25, 2.03, 0.6, 1.21, 4.33, 0.16, 3.82, 0.08, 0.31, 0.17, 0.1, 5505, 10765, 6210, 5629, 5789, 1363, 3158, 3734, 4851, 3018, 204, 373, 1311, 3390, 3576, 1485, 2370, 4697, 2671, 2655, 420, 102, 95, 16, 2, LUMP, 28280, 32821, 1043, 500, 512, 3250, 1372, 895, 1.12, 12290, 8700, 14520, 4900, 2700, 2870, 1, 1, 1, 1, 4270, 5720, 19080, 2880, 4760, 23200, 590, 9060, 15600, 1540, 1610, 1116, 18, 21, 648, 808, 18700, 648, SNMT, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY, 16.6, 20.5, 9280, 8100, 45, 16.6, 20.5, 9280, 8100, 45, 614, 20010, 16.6, MILE, WORK ZONE LANE LINE, CLASS I, 6", 614, 22010, 20.5, MILE, WORK ZONE EDGE LINE, CLASS I, 6", 614, 23010, 9280, FT, WORK ZONE CHANNELIZING LINE, CLASS I, 12", 614, 24000, 8100, FT, WORK ZONE DOTTED LINE, CLASS I, 614, 26000, 45, FT, WORK ZONE STOP LINE, CLASS I, 614, 20560, 16.6, MILE, WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT, 614, 22360, 20.5, MILE, WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, 614, 23690, 9280, FT, WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT, 614, 24610, 8100, FT, WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT, 614, 26610, 45, FT, WORK ZONE STOP LINE, CLASS III, 642 PAINT



DESIGN AGENCY
GANNETT FLEMING
2500 Corporate Exchange Dr.
Suite 230
Columbus, OH 43231
DESIGNER
ACW
REVIEWER
DRJ 08-26-22
PROJECT ID
111405
SHEET TOTAL
33 927

Table with columns: SHEET NUMBER, FUNDING, ITEM, ITEM EXT., GRAND TOTAL, UNIT, DESCRIPTION, SEE SHEET NO.

GENERAL SUMMARY

DESIGN AGENCY GANNETT FLEMING 2500 Corporate Exchange Dr. Suite 230 Columbus, OH 43231 DESIGNER TQD REVIEWER DRJ 10/04/22 PROJECT ID 111405 SHEET 181 TOTAL 927

SHEET NO.	REF. NO.	LOCATION				CFN	DESCRIPTION																																
		FROM	TO	ROAD	SIDE		202	202	202	202	202	SPECIAL	503	601	601	601	602	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	670
216	DR35	1012+55.72	1012+97.14	I-77	RT																																		
216	D30	1013+00.00		I-77	LT	2E+06																																	
216	EC27	1013+00.00	1021+00.00	I-77	LT																																		
217	D31	1023+10.00		I-77	LT																																		
218	D32	1859+70.75	886+97.99	SR-176 Ramp A	LT	2E+06																																	
218	DR36	1859+70.75	886+97.06	SR-176 Ramp A	LT	2E+06	1	242																															
220	D33	3886+54.00		SR-176 Ramp D	LT	2E+06																																	
220	D34	3886+54.00	3885+80.00	SR-176 Ramp D	RT																																		
220	DR37	3885+79.66		SR-176 Ramp D	RT		1	65																															
220	DR38	3886+53.47		SR-176 Ramp D	LT	2E+06		109																															
220	DR39	3886+52.21		SR-176 Ramp D	RT			60																															
220	D35	3899+06.00		SR-176 Ramp D	RT	2E+06																																	
227	D36	918+12.35	917+01.32	I-77/SR-271	RT	2E+06																																	
227	DR40	918+26.02	917+06.93	I-77/SR-271	RT	2E+06	1																																
231	D37	9019+51.00	9020+53.00	SR-21 RAMP F	LT																																		
231	D38	9020+53.00		SR-21 RAMP F	LT	2E+06																																	
231	DR41	9019+51.37		SR-21 RAMP F	LT	2E+06	1	100																															
231	DR42	9019+51.37	9020+53.27	SR-21 RAMP F	LT			150																															
SUB-TOTALS THIS SHEET							6	764				1	4	283	LS	6	10	2.07	268	102	227																		
TOTALS CARRIED FROM SHEET 196							4	1401						14	411			14	1.84	1227	98																		
TOTALS CARRIED FROM SHEET 197							6	870						19	1482			18	2.74	35	696	379	65																
TOTALS CARRIED TO DRAINAGE SUBSUMMARY							16	3035						37	2176	LS	6	42	6.65	303	2025	704	65	212															

ESTIMATED QUANTITIES