



ALABAMA DEPARTMENT OF TRANSPORTATION

1409 Coliseum Boulevard, Montgomery, Alabama 36110
Bureau of Office Engineer
Plans and Proposals Section
Telephone: 334-242-6444 FAX: 334-264-7976
www.dot.state.al.us



Kay Ivey
Governor

John R. Cooper
Transportation Director

November 28, 2023

MEMORANDUM

To: Proposal Holders

From: Bryan E. Nichols
Assistant Bureau Chief *BEN*

Subject: NH-0001(631)
Russell County
December 8, 2023 Letting

Enclosed is the Revised Proposal Sheet Nos. 1-3 & Revised Plan Sheet Nos. 1A, 2C, 3 & 3A for the above referenced project. See the attached letter from Mr. Brady Newman, dated November 28, 2023.

Prospective bidders are advised to download the amended .ebs files from the ALDOT website or the Bid Express website.

It is the bidder's responsibility to notify vendors, suppliers and subcontractors of this change.

This change must be incorporated into your proposal and used in the preparation of your bid. Failure to do so may cause your bid to be considered irregular and non-responsive and may result in the automatic rejection of your bid.

BEN/jss

Attachment

cc: Mr. Steve Graben, P.E.

Mr. Stacey Glass, P.E.



ALABAMA DEPARTMENT OF TRANSPORTATION

SOUTHEAST REGION
OFFICE OF REGION ENGINEER
CAPITOL COMMERCE CENTER
100 CAPITOL COMMERCE BLVD.
STE. 210, BUILDING B
MONTGOMERY, AL 36117
Telephone: (334) 353-6850



Kay Ivey
Governor

John R. Cooper
Transportation Director

November 28, 2023

Mr. Joe H. Lister, PE
State Office Engineer
Alabama Department of Transportation
1409 Coliseum Boulevard
Montgomery, AL 36110

Ref: Project No. NH-0001(631)
Resurfacing on SR-1(US-431) from Old Seale Highway(MP 95.619) to
Magnolia Greene Highway(MP 101.378)
Russell County

Dear Sir:

The following changes have been made to the above referenced project:

- Sheet No. 1A Flagged Sheets 2C, 3, and 3A.
- Sheet No. 2C 1) Revised Note 209.
2) Added Note 906.
- Sheet No. 3 Revised Item 630A-001 Total
- Sheet No. 3A 1) Revised all Guardrail Station Ranges for
BIN 017619 and BIN 017620.
2) Revised Item 630A-001 Quantity for
BIN 017619 NB, RT.
3) Revised Item 630A-001 Quantity for
BIN 017620 SB, RT.
4) Revised Item 630A-001 Total.

Please forward this change to all prospective bidders.

Sincerely,

Brady Newman
Hydraulic Engineer
Southeast Region - Preconstruction



Schedule of Items

REVISED: 11/28/23

CONTRACT ID: 20231208014 PROJECT(S): NH-0001(631)

THE FOLLOWING ITEMS SHALL BE IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2022 EDITION, EXCEPT AS MODIFIED BY SPECIAL PROVISIONS HERETO ATTACHED.

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
SECTION: 0001		Total				
0010	206D001 Removing Guardrail	238.000 LF				
0020	206E008 Removing Guardrail End Anchor (All Type)	4.000 Each				
0030	401B100 Bituminous Treatment E (With Polymer Additive)	204,480.000 SQYD				
0040	405A000 Tack Coat	8,485.000 Gal				
0050	408A052 Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)	207,334.000 SQYD				
0060	410H000 Material Remixing Device	1.000 Each				
0070	424A280 Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range E	23,320.000 Ton				
0080	424A289 Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range E	1,120.000 Ton				
0090	424B283 Superpave Bituminous Concrete Upper Binder Layer, Patching, 1/2" Maximum Aggregate Size Mix, ESAL Range E	100.000 Ton				
0100	424B287 Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range E	100.000 Ton				
0110	428A001 Scoring Bituminous Pavement Surface	23.000 Mile				
0120	430B043 Aggregate Surfacing (1" Down, Crusher Run)	100.000 Ton				
0130	600A000 Mobilization	LUMP SUM	LUMP SUM			
0140	630A001 Steel Beam Guardrail, Class A, Type 2	288.000 LF				
0150	630C080 Guardrail End Anchor, Type 20 Series (MASH)	4.000 Each				
0160	698A000 Construction Fuel (Maximum Bid Limited to \$ 195,800.00)	LUMP SUM	LUMP SUM			



Schedule of Items

REVISED: 11/28/23

CONTRACT ID: 20231208014 PROJECT(S): NH-0001(631)

THE FOLLOWING ITEMS SHALL BE IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2022 EDITION, EXCEPT AS MODIFIED BY SPECIAL PROVISIONS HERETO ATTACHED.

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0170	701A227 Solid White, Class 2, Type A Traffic Stripe (5" Wide)	14.000 Mile				
0180	701A230 Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)	12.000 Mile				
0190	701A239 Broken White, Class 2, Type A Traffic Stripe (5" Wide)	12.000 Mile				
0200	701B207 Dotted, Class 2, Type A Traffic Stripe (5" Wide)	16,801.000 LF				
0210	701C000 Broken Temporary Traffic Stripe	35.000 Mile				
0220	701C001 Solid Temporary Traffic Stripe	76.000 Mile				
0230	701D007 Solid Traffic Stripe Removed (Paint)	1.000 Mile				
0240	701D008 Solid Traffic Stripe Removed (Plastic)	1.000 Mile				
0250	701D014 Broken Traffic Stripe Removed (Paint)	1.000 Mile				
0260	701D015 Broken Traffic Stripe Removed (Plastic)	1.000 Mile				
0270	701G142 Broken White, Class W, Type A Traffic Stripe (5" Wide)	360.000 LF				
0280	701G146 Solid White, Class W, Type A Traffic Stripe (5"Wide)	360.000 LF				
0290	701G154 Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)	360.000 LF				
0300	703A002 Traffic Control Markings, Class 2, Type A	11,026.000 SQFT				
0310	703B002 Traffic Control Legends, Class 2, Type A	1,614.000 SQFT				
0320	703D001 Temporary Traffic Control Markings	8,386.000 SQFT				
0330	705A030 Pavement Markers, Class A-H, Type 2-C	1,970.000 Each				
0340	705A037 Pavement Markers, Class A-H, Type 2-D	36.000 Each				
0350	740B000 Construction Signs	3,006.000 SQFT				



Schedule of Items

REVISED: 11/28/23

CONTRACT ID: 20231208014 PROJECT(S): NH-0001(631)


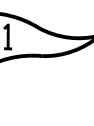
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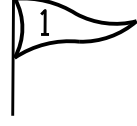
Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0360	740C000 Special Construction Signs	9.000 SQFT				
0370	740D000 Channelizing Drums	200.000 Each				
0380	740E000 Cones (36 Inches High)	200.000 Each				
0390	740M001 Ballast For Cone	200.000 Each				
0400	741C010 Portable Sequential Arrow And Chevron Sign Unit	2.000 Each				
0410	742A001 Portable Changeable Message Sign, Type 2	2.000 Each				
Section: 0001			Total:			
			Total Bid:			

For Information Only
Not to Be Used
For Submission of Bid

INDEX TO SHEETS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
NH-0001(631)	2024	1A

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
1A	INDEX TO SHEETS
1B	INDEX TO SPECIAL & STANDARD DRAWINGS
1C	PLANS LEGEND SHEET
1D	PLANS LEGEND ABBREVIATION SHEET
2	TYPICAL SECTION
2A - 2B	TYPICAL SKETCHES
 2C	PROJECT NOTES
2D	TRAFFIC CONTROL PLAN NOTES
 3 - 3A	SUMMARY OF QUANTITIES
4 - 19	OMITTED
20 - 25	TRAFFIC CONTROL PLAN

 REVISED SHEET 2C
 REVISED SHEET 3
 REVISED SHEET 3A
 JBN 11/28/23



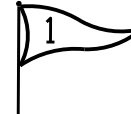
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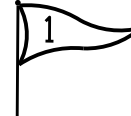
SHEET TITLE	ROUTE
INDEX TO SHEETS	SR-1


PROJECT NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
NH-0001(631)	2024	2C

\$\$\$DESIGN FILE SPECIFICATION\$\$\$

- 200 SPOT LEVELING WILL BE REQUIRED AT LOCATIONS AND RATES AS DIRECTED BY THE ENGINEER.
- 201 THE CONTRACTOR SHALL PLACE A MINIMUM 15 FT. LONG TEMPORARY ASPHALT WEDGE AT THE APPROACH AND DEPARTURE ENDS OF ALL BRIDGES AND OTHER TIE-INS TO ELIMINATE A DROP OFF. THIS WEDGE SHALL BE MAINTAINED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS A SUBSIDIARY OBLIGATION OF PAY ITEM **408A-052**
- 202 PERMANENT RPMS SHALL BE APPLIED ON ALL PAVEMENT AREAS ON WHICH THE NEXT ASPHALT LAYER WILL NOT BE PLACED FOR A PERIOD OF 30 CALENDAR DAYS OR MORE. TEMPORARY PAINT FOR LANE DELINEATION SHALL BE REAPPLIED EVERY 30 CALENDAR DAYS UNTIL THE PERMANENT STRIPE IS APPLIED AND SHALL BE PAID FOR AS A SUBSIDIARY OBLIGATION OF PAY ITEM 701C-001.
- 203 SCORING ALONG THE MAINLINE PAVED SHOULDERS SHALL BE PERFORMED PRIOR TO THE PLACEMENT OF PERMANENT STRIPE. THE CONTRACTOR SHALL NOT PERFORM ANY SCORING OPERATIONS ACROSS ANY STUBOUTS, DRIVEWAYS, MEDIAN CROSS-OVERS, INTERSECTING ROADS / STREETS OR ALONG THE LENGTH OF ANY TURN LANES / ACCELERATION LANES AND THEIR TAPERS.
- 204 ANY LOCATION WHERE THE PLANING DEPTH WILL CAUSE THE PAVED SHOULDER TO REMAIN HIGHER THAN THE MILLED SURFACE SHALL BE DAYLIGHTED. DAYLIGHTING SHALL ALLOW FOR PROPER DRAINAGE, AND SHOULD BE ACCOMPLISHED IN THE SAME DAYS OPERATIONS. THIS WORK SHALL BE PAID FOR AS A SUBSIDIARY OBLIGATION OF PAY ITEM 408A-052
- 205 ONCE PLANING OPERATIONS BEGIN, THE PLACEMENT OF THE "E" TREATMENT SHALL BEGIN NO LATER THAN 14 CALENDAR DAYS
- 206 THE CONTRACTOR SHALL BEGIN PLACING THE WEARING SURFACE NO LATER THAN 7 CALENDAR DAYS AFTER PLACING THE "E" TREATMENT.
- 207 STUBOUTS TO BUSINESSES AND RESIDENCES SHALL BE PAVED DURING OR AFTER THE PLACEMENT OF THE WEARING SURFACE ON THE MAINLINE ROADWAY.
- 208 AGGREGATE SURFACING SHALL BE USED AROUND ANY UNPAVED DRIVEWAYS OR MAILBOXES AS DIRECTED BY THE ENGINEER.
-  209 THE BLOCKOUTS ON THE TYPE 13 END ANCHORS LOCATED AT BIN'S 017619 & 017620 SHALL BE REPLACED. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF ITEM NO. **206D-001**
- 210 THE CONTRACTOR SHALL CLEAN AND SWEEP ALL EXISTING DEBRIS/MATERIAL FROM BRIDGE EXPANSION JOINTS AND BRIDGE CAPS AFTER MILLING / PLANING AND FINAL LAYER OF PLANT MIX IS PLACED AT ABUTMENTS. THE ENGINEER SHALL NOTIFY THE MONTGOMERY AREA BRIDGE INSPECTOR TO VERIFY THAT THE JOINTS AND CAPS HAVE BEEN CLEANED PROPERLY. THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM **408A-052**
- 211 LA ABRASION:
NOT AVAILABLE
- 212 THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT ON THE BRIDGES
- 213 ALDOT SHALL RETAIN 75 CUBIC YARDS OF RAP MATERIAL TO BE DELIVERED AND STOCKPILED AT THE DISTRICT 6 OFFICE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE DISTRICT ADMINISTRATOR. TRANSPORT OF MATERIAL SHALL BE PAID FOR AS A SUBSIDIARY OBLIGATION OF PAY ITEM **408A-052**
*REBEKAH CRAWFORD (334) 855-4735.
11717 US 280 EAST, SALEM, AL, 36874.*

- 214 NO SHOULDER WORK IS BEING PERFORMED ON THIS PROJECT; THEREFORE, ANY RESULTING MATERIAL DEPOSITED ON THE EXISTING UNPAVED SHOULDER DURING THIS PROJECT'S OPERATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PAY ITEM **408A-052**
- 400 ANY DRAINAGE ITEMS NOT INDEXED OR SPECIFICALLY CALLED OUT FOR REMOVAL SHALL BE RETAINED WITH NO MODIFICATIONS.
- 800 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 900 NPDES PERMIT COVERAGE IS NOT REQUIRED FOR THIS PROJECT.
- 901 OMITTED
- 902 OMITTED
- 903 OMITTED
- 904 OMITTED
- 905 OMITTED
-  906 THERE SHALL BE NO FUEL TANKS STORED ON THE RIGHT OF WAY. IN ADDITION, FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICALS, FERTILIZERS, ETC. SHALL NOT BE LEFT UNATTENDED ON THE RIGHT-OF-WAY.

 REVISED NOTE 209.
ADDED NOTE 906.
JBN 11/28/23



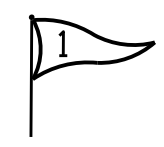
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SHEET TITLE	ROUTE
PROJECT NOTES	SR-1

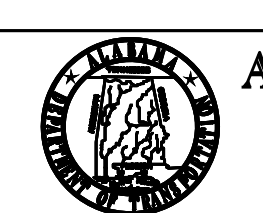
SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
NH-0001 (631)	2024	3

TOTAL	UNIT	ITEM NO.	DESCRIPTION	PROJECT NOTES
238	LINEAR FOOT	206D-001	REMOVING GUARDRAIL	
4	EACH	206E-008	REMOVING GUARDRAIL END ANCHOR (ALL TYPE)	
204,480	SQUARE YARD	401B-100	BITUMINOUS TREATMENT E (WITH POLYMER ADDITIVE)	
8,485	GALLON	405A000	TACK COAT	
207,334	SQUARE YARD	408A-052	PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)	201, 210
1	EACH	410H-000	MATERIAL REMIXING DEVICE	
23,320	TON	424A-280	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
1,120	TON	424A-289	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, WIDENING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
100	TON	424B-283	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, PATCHING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
100	TON	424B-287	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE E	
23	MILE	428A-001	SCORING BITUMINOUS PAVEMENT SURFACE	
100	TON	430B-043	AGGREGATE SURFACING (1" DOWN, CRUSHER RUN)	
1	LUMP SUM	600A-000	MOBILIZATION	
288	LINEAR FOOT	630A-001	STEEL BEAM GUARDRAIL, CLASS A, TYPE 2	
4	EACH	630C-080	GUARDRAIL END ANCHOR, TYPE 20 SERIES (MASH)	
1	LUMP SUM	698A-000	CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO \$195,800.00)	
14	MILE	701A-227	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
12	MILE	701A-230	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
12	MILE	701A-239	BROKEN WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
16,801	LINEAR FOOT	701B-207	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	
35	MILE	701C-000	BROKEN TEMPORARY TRAFFIC STRIPE	
76	MILE	701C-001	SOLID TEMPORARY TRAFFIC STRIPE	
1	MILE	701D-007	SOLID TRAFFIC STRIPE REMOVED (PAINT)	
1	MILE	701D-008	SOLID TRAFFIC STRIPE REMOVED (PLASTIC)	
1	MILE	701D-014	BROKEN TRAFFIC STRIPE REMOVED (PAINT)	
1	MILE	701D-015	BROKEN TRAFFIC STRIPE REMOVED (PLASTIC)	
360	LINEAR FOOT	701G-142	BROKEN WHITE, CLASS W, TYPE A TRAFFIC STRIPE (5" WIDE)	
360	LINEAR FOOT	701G-146	SOLID WHITE, CLASS W, TYPE A TRAFFIC STRIPE (5"WIDE)	
360	LINEAR FOOT	701G-154	SOLID YELLOW, CLASS W, TYPE A TRAFFIC STRIPE (5" WIDE)	
11,026	SQUARE FOOT	703A-002	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	
1,614	SQUARE FOOT	703B-002	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A	
8,386	SQUARE FOOT	703D-001	TEMPORARY TRAFFIC CONTROL MARKINGS	
1,970	EACH	705A-030	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	
36	EACH	705A-037	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D	
3,006	SQUARE FOOT	740B-000	CONSTRUCTION SIGNS	
9	SQUARE FOOT	740C-000	SPECIAL CONSTRUCTION SIGNS	
200	EACH	740D-000	CHANNELIZING DRUMS	
200	EACH	740E-000	CONES (36 INCHES HIGH)	
200	EACH	740M-001	BALLAST FOR CONE	
2	EACH	741C-010	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT	
2	EACH	742A-001	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2	



REVISED ITEM 630A-001 TOTAL
 JBN 11/28/23



**ALABAMA DEPARTMENT
 OF TRANSPORTATION
 SOUTHEAST REGION**

SUBMITTAL
 OE

SHEET TITLE
 SUMMARY OF
 QUANTITIES

ROUTE
 SR-1

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
NH-0001 (631)	2024	3A

REQUIRED TRAFFIC STRIPE & TRAFFIC STRIPE REMOVAL														
ROADWAY	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	BROKEN WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	BROKEN TEMPORARY TRAFFIC STRIPE	SOLID TEMPORARY TRAFFIC STRIPE	SOLID TRAFFIC STRIPE REMOVED (PAINT)	SOLID TRAFFIC STRIPE REMOVED (PLASTIC)	BROKEN TRAFFIC STRIPE REMOVED (PAINT)	BROKEN TRAFFIC STRIPE REMOVED (PLASTIC)	BROKEN WHITE, CLASS W, TYPE A TRAFFIC STRIPE (5" WIDE)	SOLID WHITE, CLASS W, TYPE A TRAFFIC STRIPE (5"WIDE)	SOLID YELLOW, CLASS W, TYPE A TRAFFIC STRIPE (5" WIDE)	STANDARD & SPECIAL DRAWINGS
	701A-227	701A-230	701A-239	701B-207	701C-000	701C-001	701D-007	701D-008	701D-014	701D-015	701G-142	701G-146	701G-154	
	MILE	MILE	MILE	LINEAR FOOT	MILE	MILE	MILE	MILE	MILE	MILE	LINEAR FOOT	LINEAR FOOT	LINEAR FOOT	70120 70126 70133 70136 70150
SR-1	13.38	11.75	11.45	16801.00	34.35	75.40	1.00	1.00	1.00	1.00	360.00	360.00	360.00	
TOTAL:	14	12	12	16801	35	76	1	1	1	1	360	360	360	

REQUIRED PAVEMENT MARKERS			
ROADWAY	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D	STANDARD & SPECIAL DRAWINGS
	705A-030	705A-037	
	EACH	EACH	70501 70504
SR-1	1970.00	36.00	
TOTAL:	1970	36	

REQUIRED MARKINGS & LEGENDS						
DESCRIPTION	QUANTITY OR LENGTH	WIDTH OR SQ FT EACH	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A	TEMPORARY TRAFFIC CONTROL MARKINGS	STANDARD & SPECIAL DRAWINGS
			703A-002	703B-002	703D-001	
			SQUARE FOOT	SQUARE FOOT	SQUARE FOOT	
STOP LINE	114 FT	2 FT	228.00	---	456.00	70301 - 70302
YIELD LINE	35 Triangles	3 SF	105.00	---	210.00	
TURN ARROW	72 QTY	16.46 SF	1185.12	---	2370.24	
WHITE HATCHING		N / A	9507.04	---	5349.53	
ONLY	72 QTY	22.41 SF	---	1613.52	---	
SUB-TOTAL:			11025.16	1613.52	8385.77	
TOTAL:			11026	1614	8386	

REQUIRED REMOVAL & REPLACEMENT OF GUARDRAIL & END ANCHORS									
BIN NO.	LANE & DIRECTION		STATION	REMOVING GUARDRAIL	REMOVING GUARDRAIL END ANCHOR (ALL TYPE)	STEEL BEAM GUARDRAIL, CLASS A, TYPE 2	GUARDRAIL END ANCHOR, TYPE 20 SERIES (MASH)	REMARKS	STANDARD & SPECIAL DRAWINGS
				206D-001	206E-008	630A-001	630C-080		
				LINEAR FOOT	EACH	LINEAR FOOT	EACH		
017619	NB	LEFT	☛ 66+10.59 - 68+13.28	125.00	1	125.00	1	SEE PROJECT NOTE 209	63001 - 63003 63006 - 63007 63050 - 63052
017619	NB	RIGHT	☛ 67+10.59 - 68+13.28		1	☛ 25.00	1	SEE PROJECT NOTE 209	
017620	SB	LEFT	☛ 69+93.28 - 71+83.47	112.50	1	112.50	1	SEE PROJECT NOTE 209	
017620	SB	RIGHT	☛ 69+93.28 - 70+95.97		1	☛ 25.00	1	SEE PROJECT NOTE 209	
SUB-TOTAL:				237.50	4.00	287.50	4.00		
TOTAL:				238	4	☛ 288	4		

REVISED STATION RANGE FOR BIN 017619 NB, LT.
 REVISED STATION RANGE FOR BIN 017619 NB, RT.
 REVISED STATION RANGE FOR BIN 017620 SB, LT.
 REVISED STATION RANGE FOR BIN 017620 SB, RT.
 REVISED ITEM 630A-001 QUANTITY FOR BIN 017619 NB, RT.
 REVISED ITEM 630A-001 QUANTITY FOR BIN 017620 SB, RT.
 REVISED ITEM 630A-001 TOTAL

JBN 11/28/23



SUBMITTAL
OE

SHEET TITLE	ROUTE
SUMMARY OF QUANTITIES	SR-1