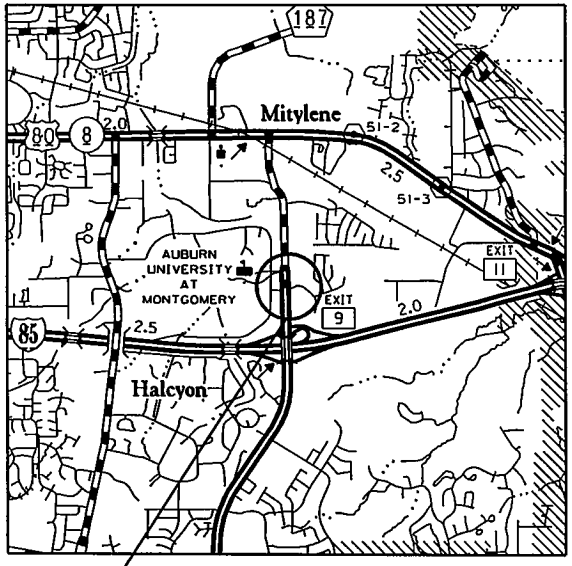
STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
AL	ST-051-271-003	2010	1	8



PROJECT VICINITY

MONTGOMERY COUNTY

SR-271 STA 10+11 TO STA 19+81

SUMMARY ITEMS

TOTAL	ITEM NO.	UNIT	DESCRIPTION
275	206C-002	Sq. Yd.	Removing Concrete Slope Paving
32	206D-000	L.F.	Removing Pipe
45	206D-002	L.F.	Removing Curb
1	206E-000	Each	Removing Headwalls
2	206E-001	Each	Removing Inlets
518	210A-000	Cu. Yd.	Unclassified Excavation
1235	210D-021	Cu. Yd.	Borrow Excavation (Loose Truckbed Measurement)(A-4 or Better)
175	405A-000	Gallon	Tack Coat
1	407B-000	Mile	Joint Sealant For Hot Asphalt Pavement
110	424A-361	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
195	424B-651	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
195	424B-681	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
160	530A-001	L.F.	18" Roadway Pipe (Class 3 R.C.)
9	530A-102	L.F.	24" Roadway Pipe (Class 3 R.C.) (Extension)
1	600A-000	Lump Sum	Mobilization
30	614A-000	Cu. Yd.	Slope Paving
1	620A-000	Cu. Yd.	Minor Structure Concrete
2	621A-011	Each	Junction Boxes, Type 1 Or 1P
2	621B-011	Each	Junction Box Units, Type 1 Or 1P
2	621C-020	Each	Inlets, Type Y
2	621D-019	Each	Inlet Units, Type Y
426	650A-000	Cu. Yd.	Topsoil
1	652A-100	Acre	Seeding
250	654A-000	Sq. Yd.	Solid Sodding
1	656A-010	Acre	Mulching
250	659A-025	Sq. Yd.	Rolled Erosion Control Product, Type (1A)
1	665A-000	Acre	Temporary Seeding
3	665B-001	Ton	Temporary Mulching
25	665F-000	Each	Hay Bales
20	665G-000	Each	Sand Bags
500	665J-002	L.F.	Silt Fence
500	665O-001	L.F.	Silt Fence Removal
3	665P-005	Each	Inlet Protection, Stage 3 or 4
1	680A-000	Lump Sum	Engineering Controls
405	701B-207	L.F.	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
1380	701E-000	L.F.	Solid Temporary Traffic Stripe
730	701G-253	L.F.	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
830	701G-265	L.F.	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
930	701H-001	L.F.	Solid Traffic Stripe Removed (Plastic)
190	703A-002	Sq.Ft.	Traffic Control Markings, Class 2, Type A
90	703B-002	Sq.Ft.	Traffic Control Legends, Class 2, Type A
90	703D-001	Sq.Ft.	Temporary Traffic Control Markings
513	740B-000	Sq.Ft.	Construction Signs
50	740D-000	Each	Channelizing Drums
1	741C-010	Each	Portable Sequential Arrow And Chevron Sign Unit

SPECIAL DRAWINGS

401	CC-530
447	RPC-530 (SHT 1 OF 2)
448	RPC-530 (SHT 2 OF 2)
501	JB-620-B
507	JB-621-P (SHT 1 OF 2)
507-A	JB-621-P (SHT 2 OF 2)
657	MI-621-Y
701	623-N SPEC
715	LTL-623
801	GN-2 NOTES
1009	IPS-701-5
1027	PM-705-1
1045	TCD-100
1049	TCM-703
1110	D-614
1161	ESC-200 (SHT 1 OF 4)
1161-A	ESC-200 (SHT 2 OF 4)
1161-B	ESC-200 (SHT 3 OF 4)
1161-C	ESC-200 (SHT 4 OF 4)
1162	ESC-300 (SHT 1 OF 7)
1162-B	ESC-300 (SHT 3 OF 7)
1163	ESC-400 (SHT 1 OF 5)
1163-B	ESC-400 (SHT 3 OF 5)
1214	IHS-710-12
1225	IHS-710-21
1229	IHS-710-23
Sheet 7 thru Sheet 7-E	
Sheet 8	

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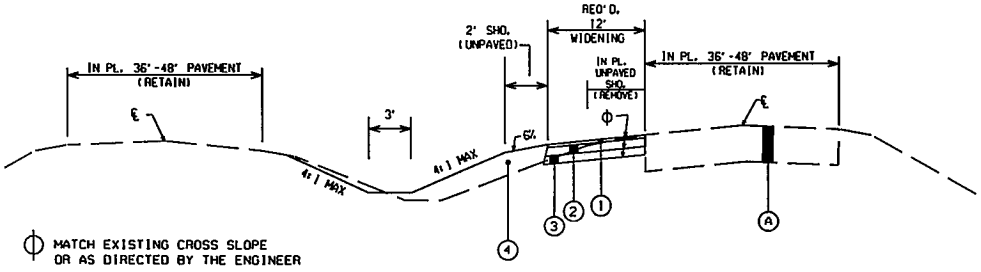
1443951
630-061674

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
AL	ST-051-271-003	2010	1-A	8



TYPICAL FOR SR-271 FROM
STA 10+11 TO STA 19+37

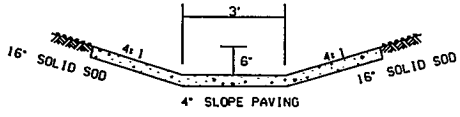
(1) REQ'D. ITEM NO. 424A-361 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 165 POUNDS PER SQUARE YARD)

(2) REQ'D. ITEM NO. 424B-651 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 300 POUNDS PER SQUARE YARD)

(3) REQ'D. ITEM NO. 424B-681 SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 300 POUNDS PER SQUARE YARD)

(4) REQ'D. ITEM NO. 210A-000 OR 210D-021 UNCLASSIFIED EXCAVATION OR BORROW EXCAVATION (A-4 OR BETTER) (LOOSE TRUCKBED MEASUREMENT)

(A) IN PLACE PAVEMENT (RETAIN)



TYPICAL SECTION FOR SLOPE PAVED DITCH

PROJECT NOTES

200 ITEM NUMBERS 210D & 654A ARE TO BE USED AT LOCATIONS AS DIRECTED BY THE ENGINEER.

201 THE CONTRACTOR SHALL LIMIT THE EXCAVATION FOR THE TURN LANES TO THAT WHICH THE LOWER AND UPPER BINDER LAYERS CAN BE PLACED WITHIN 72 HOURS.

202 DENSITY REQUIREMENTS FOR THE SUBGRADE OF THE WIDENING AND THE ROADBED PROCESSING ARE WAIVED. COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF ITEM NO. 424-B.

203 ANY REQUIRED BORROW SHALL BE A-4 OR BETTER AND SHALL CONTAIN A MINIMUM 10% CLAY CONTENT AND SHALL BE PLATED WITH TOPSOIL AS DIRECTED BY THE ENGINEER.

300 ANY REQUIRED STRUCTURE EXCAVATION OR FOUNDATION BACKFILL SHALL BE A SUBSIDIARY OBLIGATION OF ITEM NO. 621-C.

301 ANY EXCESS TOPSOIL SHALL BE UTILIZED TO FLATTEN SLOPES IN AREAS DIRECTED BY THE ENGINEER.

400 ANY REQUIRED PERMANENT SIGNING OR SIGNAL WORK SHALL BE DONE BY STATE FORCES. THE PROJECT ENGINEER SHALL CONTACT MR. CHRIS HILYER (SIXTH DIVISION - MAINTENANCE SECTION) AT 334-241-8579) APPROXIMATELY FIVE WORK DAYS PRIOR TO THE WORK NEEDING TO BE PERFORMED.

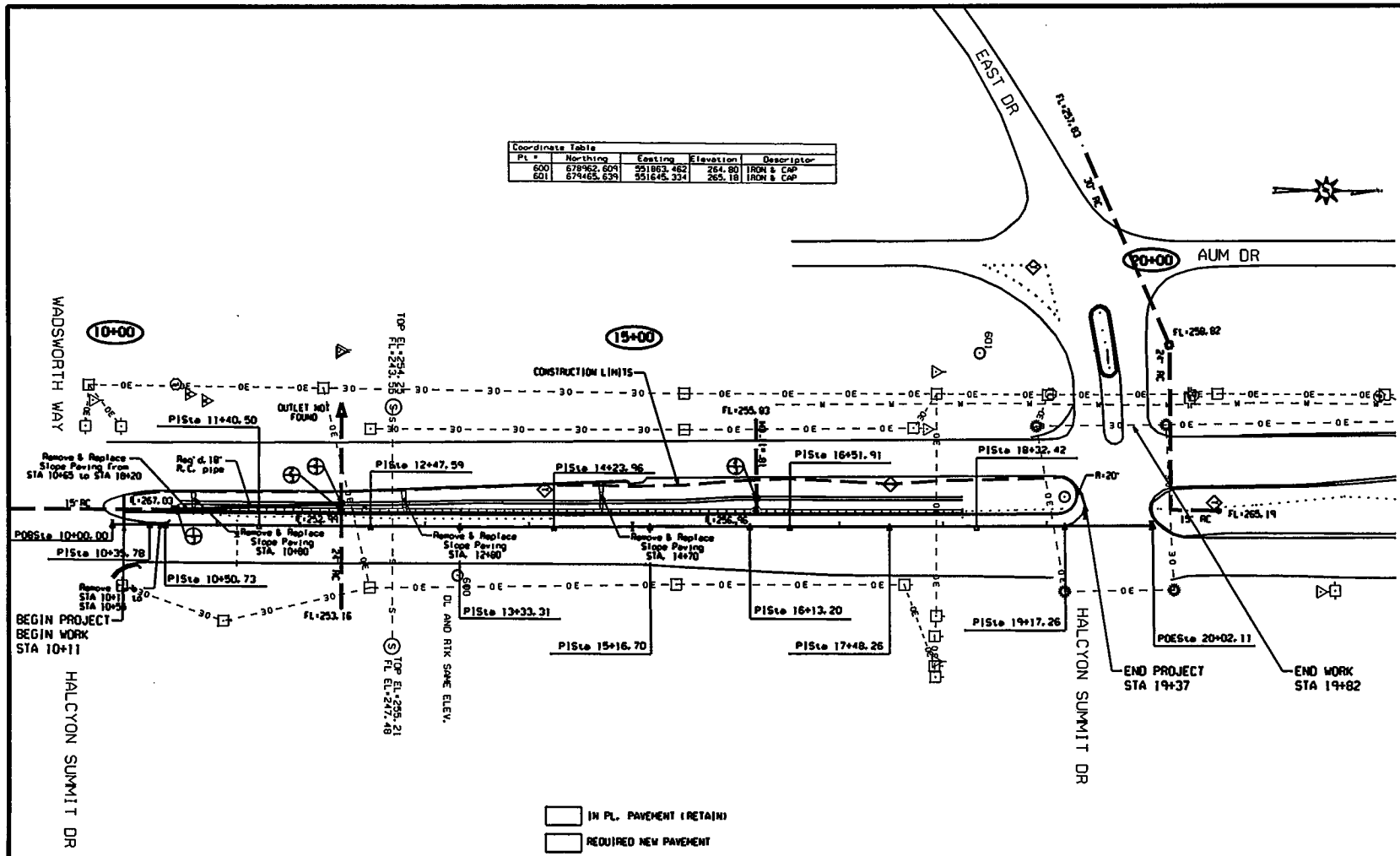
800 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

900 NPDES PERMIT COVERAGE IS NOT REQUIRED FOR THIS PROJECT.

901 THERE SHALL BE NO FUEL TANKS STORED ON THE RIGHT OF WAY. IN ADDITION, NO FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICAL, FERTILIZER, ETC. SHALL BE LEFT UNATTENDED ON THE RIGHT OF WAY.

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	2

Coordinate Table				
Pt #	Northing	Easting	Elevation	Descriptor
600	678962.609	551863.462	264.80	IRON & CAP
601	679465.639	551645.334	265.18	IRON & CAP



RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	SCALE (FEET) 0 50	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				PLAN SHEET	SR-271

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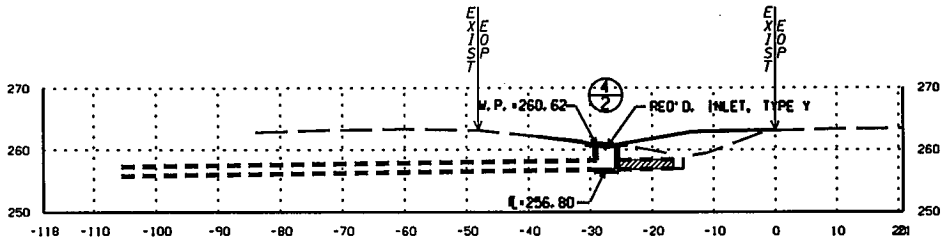
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	3

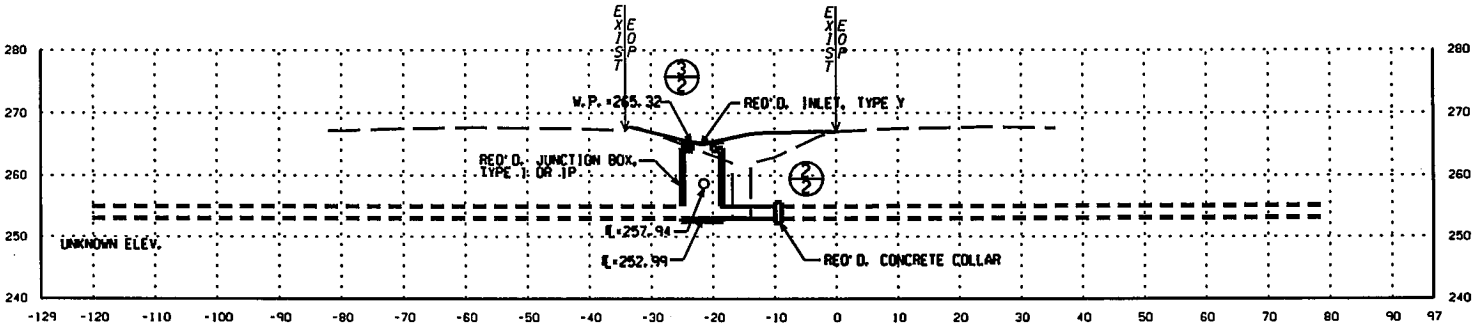
DRAINAGE SECTION



16+20

IN PLACE:
89'-18" x 11" C.M. PIPE (REMOVE 12" PIPE)
1-INLET (REMOVE)

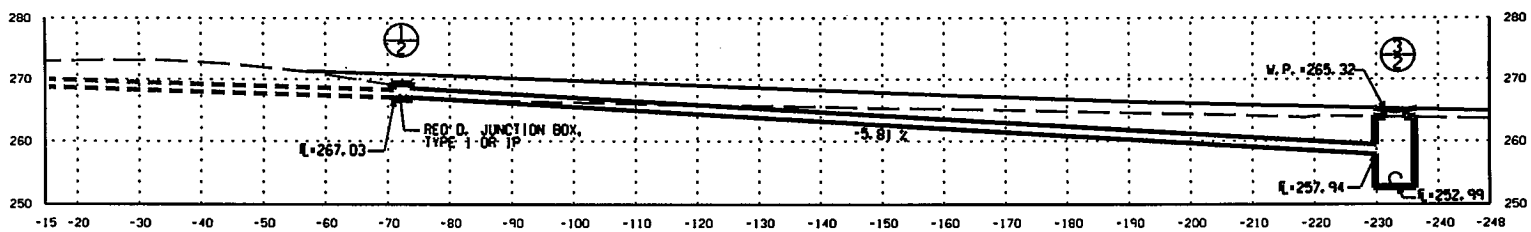
REQ'D.:
1-INLET, TYPE Y (CASE 4)
2-INLET UNITS, TYPE Y



12+20

IN PLACE:
200'-24" R.C. PIPE (REMOVE 16' PIPE)
1-INLET (REMOVE)

REQ'D.:
9'-24" ROADWAY PIPE EXTENSION (CLASS 3 R.C.)
1-INLET, TYPE Y
1-JUNCTION BOX, TYPE 1 OR 1P
2-JUNCTION BOX UNITS, TYPE 1 OR 1P
1-CONCRETE COLLAR



10+01 - 12+35

IN PLACE:
15" R.C. PIPE (REMOVE 4' PIPE)
1-HEADWALL (REMOVE)

REQ'D.:
160'-18" ROADWAY PIPE (CLASS 3 R.C.)
1-JUNCTION BOX, TYPE 1 OR 1P

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	HORIZ 0 10 SCALE (FEET) VERT 0 10	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				DRAINAGE SECTION	SR-271

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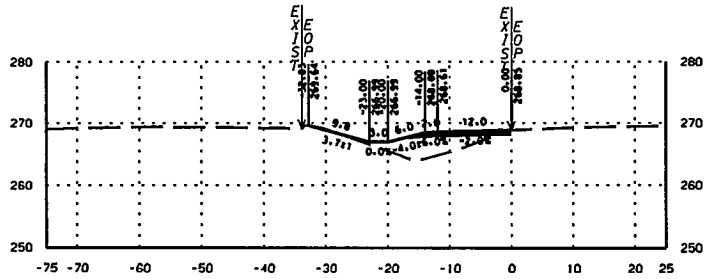
CROSS SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	3-A



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Volume Fill: 79.691

11+50

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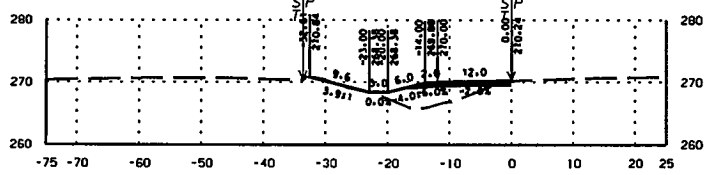
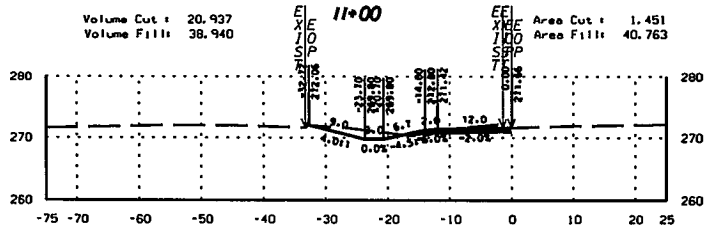
Area Fill: 45.303



Volume Cut : 20.937
Volume Fill: 38.940

11+00

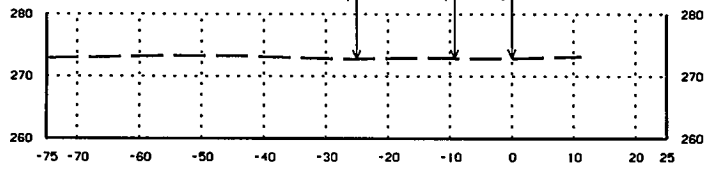
Area Cut : 1.451
Area Fill: 40.763



Volume Cut : 19.594
Volume Fill: 1.196

10+50

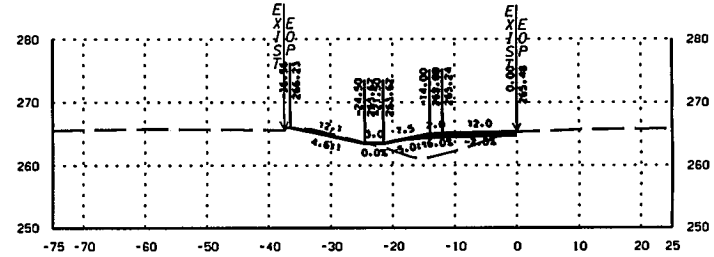
Area Cut : 21.161
Area Fill: 1.292



Volume Cut : 0.000
Volume Fill: 0.000

10+00

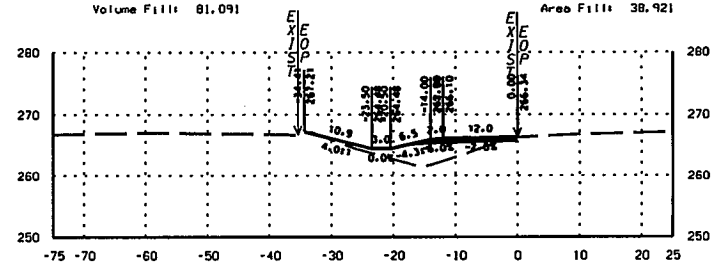
Area Cut : 0.000
Area Fill: 0.000



Volume Cut : 4.622
Volume Fill: 81.091

13+00

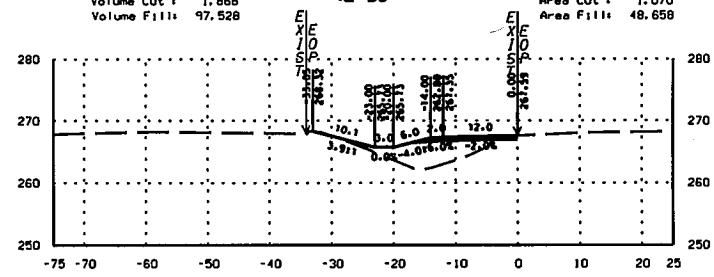
Area Cut : 3.922
Area Fill: 38.921



Volume Cut : 1.868
Volume Fill: 97.528

12+50

Area Cut : 1.070
Area Fill: 48.658



Volume Cut : 2.041
Volume Fill: 94.421

12+00

Area Cut : 0.948
Area Fill: 56.672

Sta10+00.00 -Sta13+00.00

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	HORIZ 0 10 SCALE (FEET) VERT 0 10	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				CROSS SECTION	SR-271

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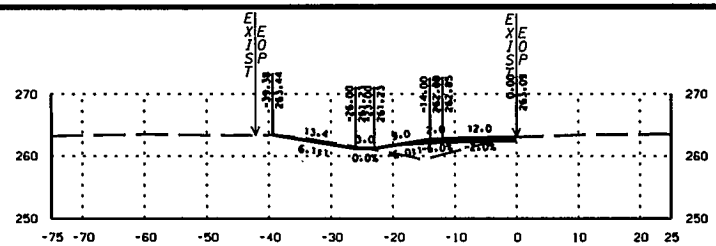
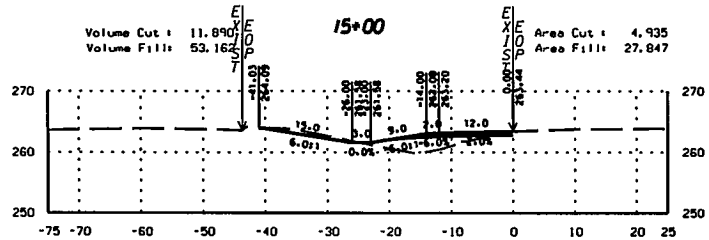
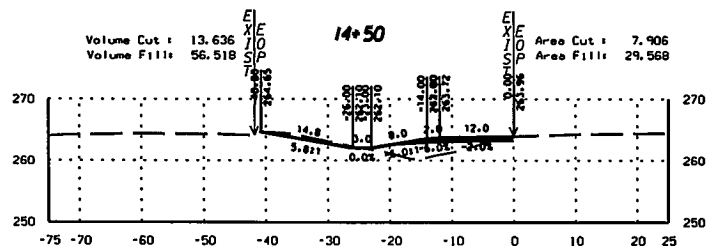
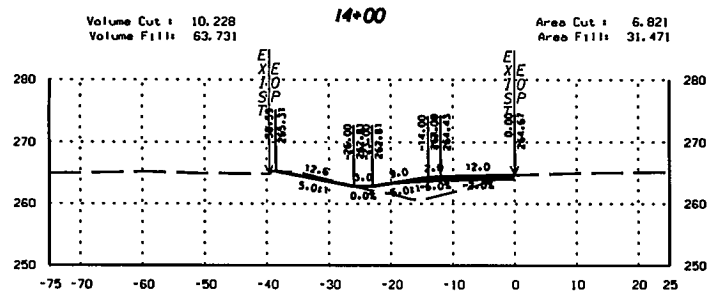
CROSS SECTION

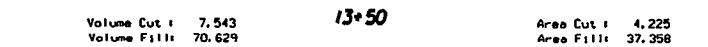
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	3-B

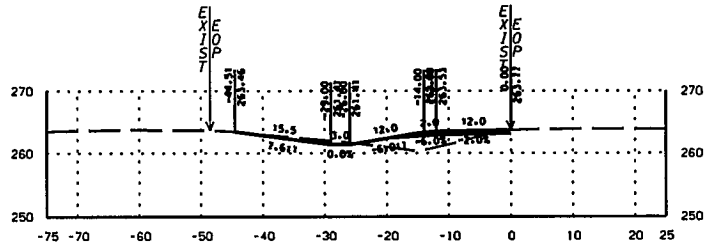


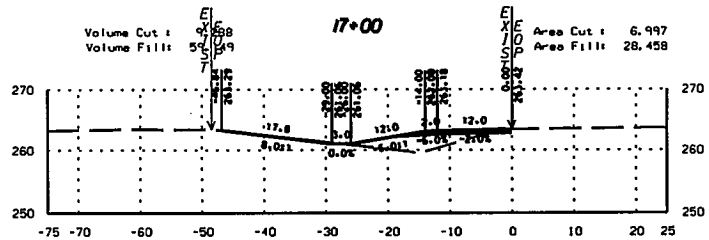


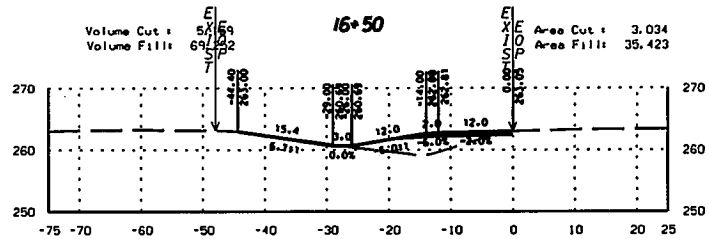


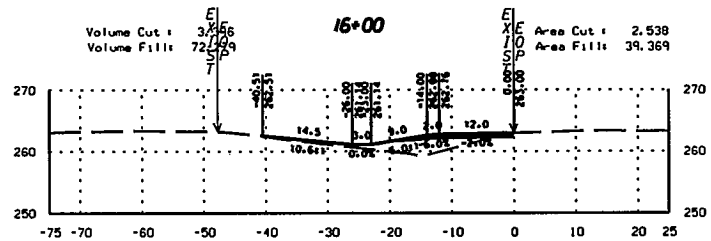


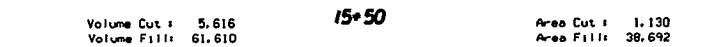












Sta13+50.00 - Sta17+00.00

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	HORIZ 0 10 SCALE (FEET) VERT 0 10	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				CROSS SECTION	SR-271

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CROSS SECTION

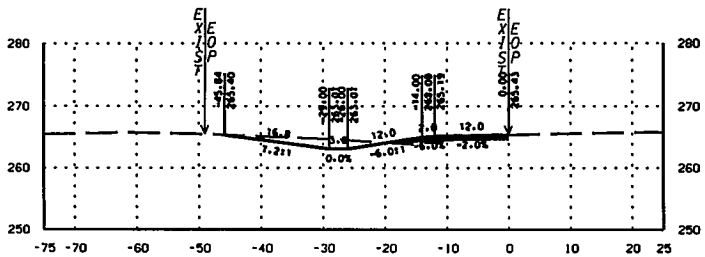
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	3-C

SEE GN-2 NOTE 148

✳ SEE PROJECT NOTE 301

EARTHWORK SUMMARY

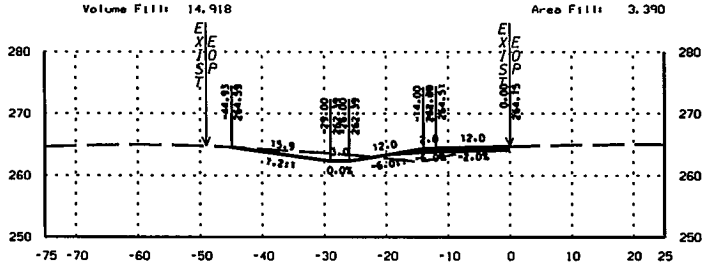
UNCLASSIFIED EXCAVATION:	TOPSOIL BENEATH FILL =	221 CU. YDS.
	CUT =	297 CU. YDS.
TOTAL UNCLASSIFIED EXCAVATION:		518 CU. YDS.
BORROW EXCAVATION (A4 OR BETTER):		1235 CU. YDS.
(LOOSE TRUCKBED MEASUREMENT)		
TOPSOIL:	TOPSOIL ON CUT	205 CU. YDS.
	TOPSOIL BENEATH FILL	221 CU. YDS.
✳ TOTAL TOPSOIL:		426 CU. YDS.



Volume Cut : 40.160
Volume Fill: 14.918

18+50

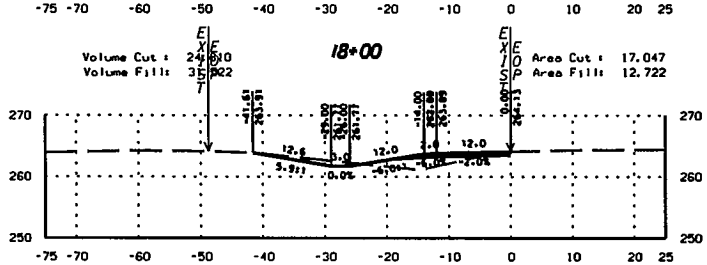
Area Cut : 26.326
Area Fill: 3.390



Volume Cut : 24.610
Volume Fill: 35.922

18+00

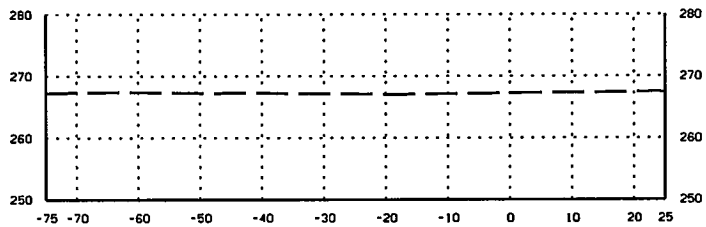
Area Cut : 17.047
Area Fill: 12.722



Volume Cut : 15.304
Volume Fill: 46.092

17+50

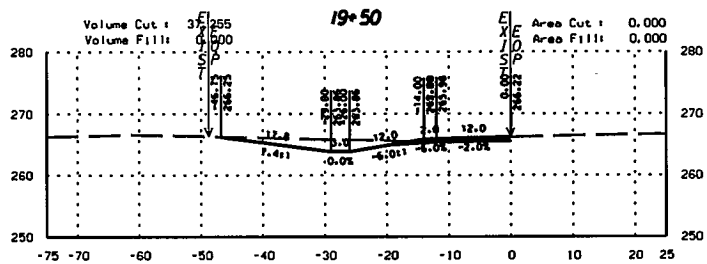
Area Cut : 9.531
Area Fill: 21.321



Volume Cut : 37.265
Volume Fill: 0.000

19+50

Area Cut : 0.000
Area Fill: 0.000



Volume Cut : 61.630
Volume Fill: 3.139

19+00

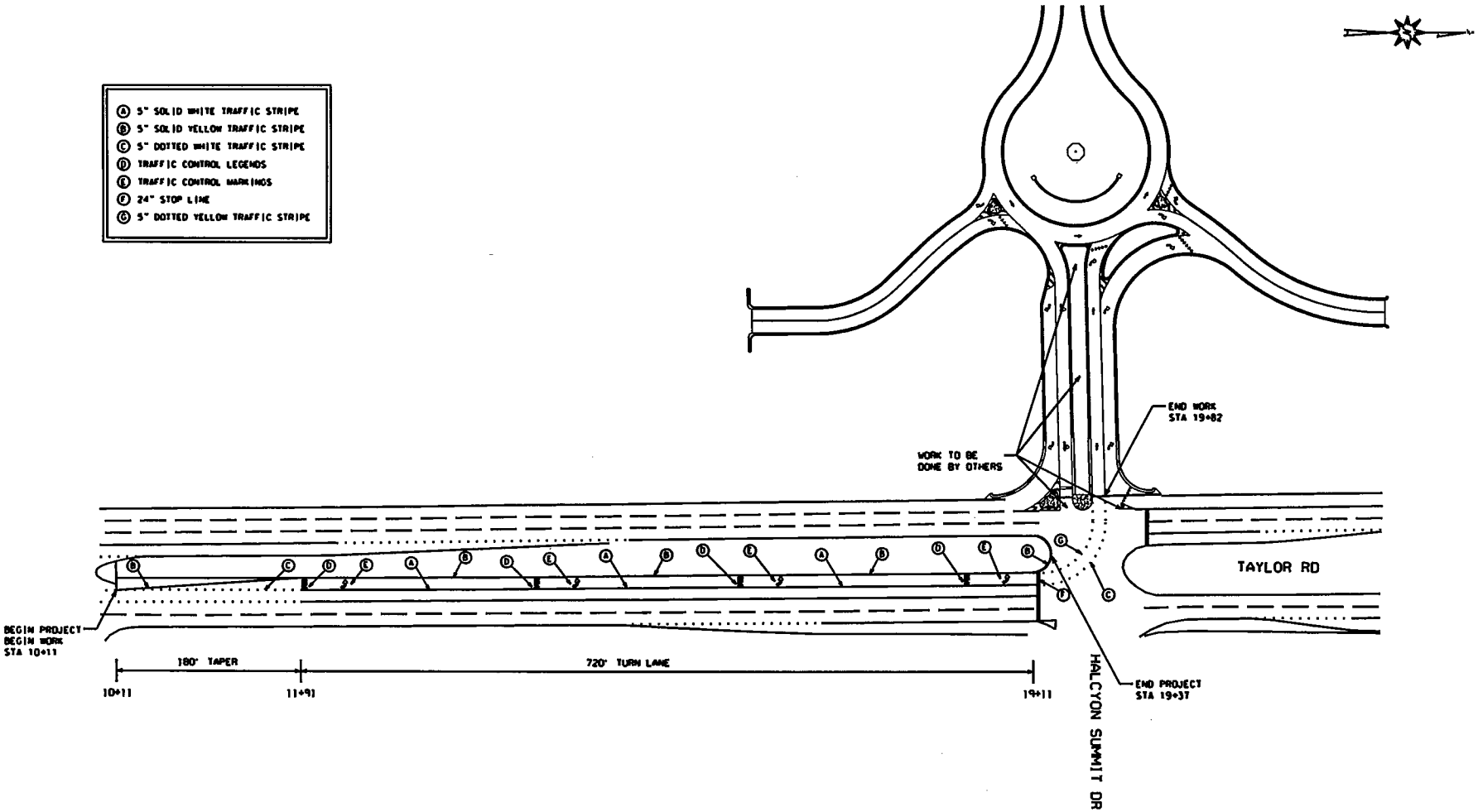
Area Cut : 40.235
Area Fill: 0.000

Sta17+50.00 -Sta19+50.00

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	HORIZ 0 10 SCALE (FEET) VERT 0 10	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				CROSS SECTION	SR-271

298_xsec.dgn 8/2/2010 3:32:51 PM

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	4



RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION	0 50 SCALE (FEET)	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				STRIPING LAYOUT	SR-271

298_stripe.dgn 8/2/2010 3:29:05 PM

TRAFFIC CONTROL NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	5

(•) DENOTES NOTES THAT APPLY TO THIS PROJECT

(•700) THE TRAFFIC CONTROL PLAN IS DEVELOPED IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PART 6. 2003 EDITION. THE TRAFFIC CONTROL DEVICES INDICATED REPRESENT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS WARRANT ADDITIONAL TRAFFIC CONTROL DEVICES. THEY SHALL BE INSTALLED IN CONFORMANCE WITH THE M.U.T.C.D. PART 6 AS DIRECTED BY THE ENGINEER. COST SHALL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.

(•701) ALL BLACK ON ORANGE CONSTRUCTION SIGNS SHALL BE FABRICATED USING TYPES IV OR VII FLUORESCENT ORANGE REFLECTIVE SHEETING MATERIAL FOR THE SIGN BACKGROUND.

(•702) DURING NON-WORKING HOURS NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC. WHEN THIS IS NOT PRACTICAL. IT SHALL BE PLACED IN AN AREA DESIGNATED BY THE ENGINEER AND DELINEATED BY REFLECTORIZED DRUMS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR OTHER TEMPORARY SIGNS. BARRICADES. DRUMS. ETC.. WHICH ARE NOT IN USE DURING NON-WORKING HOURS. TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT. (SEE SKETCH ON SHEET.....)

(•703) WHERE THE LOCATION OF A REQUIRED SIGN FALLS IN A DRIVEWAY. SIDEWALK. BRIDGE. ETC. OR WHERE THE VISIBILITY OF A SIGN IS LIMITED TO THE TRAVELING PUBLIC. THE LOCATION SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

(•704) THE CONTRACTOR IS TO REMOVE. RELOCATE OR COVER DURING CONSTRUCTION AND THEN RESET OR UNCOVER UPON COMPLETION OF A PARTICULAR SECTION ANY CONFLICTING IN-PLACE ROADWAY SIGNS AND DELINEATORS. AS DIRECTED BY THE ENGINEER. SIGNS REQUIRING REMOVAL SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AND SHALL BECOME PROPERTY OF THE ALDOT. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

705 DURING ALL PHASES OF WORK. NON-APPLICABLE PAVEMENT STRIPING OR MARKINGS SHALL BE REMOVED AND APPROPRIATE PAVEMENT STRIPING OR MARKINGS SHALL BE PLACED AS EXPEDITIOUSLY AS PRACTICAL. BUT IN ALL CASES. SHALL BE IN PLACE BY NIGHTFALL ON ANY ROADWAY CARRYING TRAFFIC. EXCEPT ON SHORT TERM OPERATIONS WHERE IT IS DETERMINED BY THE ENGINEER. THAT SUCH REMOVAL AND REPLACEMENT IS MORE HAZARDOUS THAN LEAVING EXISTING MARKINGS IN PLACE. COST OF ANY REMOVAL SHALL BE PAID FOR UNDER ITEM 701D OR AS A SUBSIDIARY OBLIGATION OF ITEM 701C.

706 OMITTED

(•707) THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER. IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.

(•708) ALL VEHICLES. EQUIPMENT. PERSONNEL (EXCEPT FLAGGERS). AND THEIR ACTIVITIES. ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

(•709) THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.

(•710) CONSTRUCTION SIGNS MOUNTED ON TEMPORARY SUPPORTS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5 FEET.

711 FLAGGERS SHALL BE PROPERLY ATTIRED. EQUIPPED WITH STAFF MOUNTED STOP/SLOW PADDLES IN SIGHT OF EACH OTHER. OR HAVE DIRECT COMMUNICATION AT ALL TIMES. FLAGGER STATION LOCATION MAY BE VARIED FROM THOSE SHOWN BASED ON ROADWAY ALIGNMENT AND CONDITIONS AT THE TIME OF THE LANE CLOSURE.

712 FLAGGERS ARE TO BE USED WHEN DIRECTED BY THE ENGINEER. SIGNS SHALL BE PLACED AT THE APPROPRIATE TIME. AND SHALL BE COVERED OR REMOVED WHEN FLAGGERS ARE NOT ON DUTY AND DURING NON-WORKING HOURS.

713 FOR MOVING OPERATIONS. THE TRAFFIC CONES MAY BE DELETED IF THE FLAGGERS ARE IN SIGHT OF EACH OTHER. OR IF A PILOT CAR IS USED ON A TWO LANE ROADWAY.

714 OMITTED

(•715) ALL CONTRACTOR'S EMPLOYEES' PERSONAL VEHICLES. AND CONTRACTOR'S EQUIPMENT NOT IN OPERATION. SHALL BE PARKED A MINIMUM OF THIRTY (30) FEET FROM THE TRAVELED WAY DURING WORKING HOURS. AS NOT TO CREATE A HAZARD.

(•716) THE TRAFFIC CONTROL PLAN IS NOT ALL INCLUSIVE. THE TCP PROVIDES SEVERAL DETAILED DRAWINGS INDICATING THE TRAFFIC CONTROL NECESSARY FOR THE DIFFERENT CONSTRUCTION ACTIVITIES ANTICIPATED FOR THIS PROJECT. THE CONTRACTOR SHALL SELECT THE DETAILED DRAWING THAT BEST FITS THE ACTIVITY TO BE PERFORMED.

717 OMITTED

718 REQUIRED TEMPORARY ROUTE MARKER ASSEMBLIES THAT ARE TO BE LOCATED IN THE VICINITY OF EXISTING ROUTE MARKERS SHOULD BE PLACED ALONG SIDE OF THOSE ALREADY IN PLACE. SOME EXISTING ROUTE MARKERS MAY HAVE TO BE COVERED OR REMOVED. AS DIRECTED BY THE ENGINEER. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

719 OMITTED

(•720) ALL TRAFFIC CONTROL DEVICES THAT ARE NOT APPLICABLE AT ANY SPECIFIC TIME SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

721 OMITTED

722 OMITTED

(•723) THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE SAFETY OF PEDESTRIAN TRAFFIC CROSSING THE WORK ZONES DURING CONSTRUCTION.

724 OMITTED

(•725) ALL SIGNS SHALL BE POST-MOUNTED IF THE WORK PERIOD EXCEEDS FOUR DAYS. EXCEPT FOR THOSE SIGNS WHICH ARE MOUNTED ON BARRICADES. FOR REPEATED DAY OPERATIONS. SIGNS MAY BE MOUNTED ON TEMPORARY SUPPORTS AND REMOVED AT THE COMPLETION OF THE DAY'S OPERATION.

726 OMITTED

(•727) DURING THE WIDENING OR RESURFACING OF ANY ROADWAY CARRYING TRAFFIC. THE CONTRACTOR SHALL ADVISE THE MOTORISTS OF ANY EDGE OF PAVEMENT DROP-OFFS 3 INCHES OR GREATER BY PLACING SHOULDER DROP-OFF SIGNS EVERY ½ MILE BEGINNING PRIOR TO THE WIDENING OR RESURFACING. REQUIRED SHOULDER WORK TO ELIMINATE THE DROP-OFFS SHALL BE PURSUED IN AN EXPEDITIOUS MANNER FOLLOWING THE WIDENING AND/OR RESURFACING.

(•728) A DIFFERENCE IN ELEVATION OF APPROXIMATELY 2 INCHES OR LESS AT THE CENTERLINE MAY BE ALLOWED DURING NON-WORKING HOURS WITHOUT ADDITIONAL TRAFFIC CONTROL. SPECIAL CONDITIONS MAY EXIST WHERE PROTECTION SHOULD BE PROVIDED WHERE THE DIFFERENCE IS 2 INCHES OR LESS.

(•729) SIGNS ON TEMPORARY SUPPORTS ARE TO BE REMOVED OR COVERED WHEN NO WORK IS BEING PERFORMED OR AT THE COMPLETION OF THE DAY'S OPERATION.

730 OMITTED

731 OMITTED

(•732) CHANNELIZING DRUMS SHOULD BE PLACED ON 10 FOOT INTERVALS IN RADII.

(•733) CHANNELIZING DRUMS PLACED TO PROTECT COMPLETED WORK NOT OPEN TO TRAFFIC SHOULD BE SPACED AT 50 FOOT INTERVALS.

(•734) CHANNELIZING DRUMS PLACED IN THE EXCAVATED AREA AHEAD OF PAVING OPERATIONS SHOULD BE SPACED AT 50 FOOT INTERVALS.

(•735) CHANNELIZING DRUMS PLACED ON PAVEMENT DURING WORKING HOURS SHALL BE SHIFTED TO THE EDGE OF SHOULDER DURING NON-WORKING HOURS AND DURING PEAK PERIODS.

(•736) CHANNELIZING DRUMS SHOULD BE PLACED ON 25 FOOT INTERVALS THROUGHOUT ALL TAPERS.

(•737) CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.

738 OMITTED

(•739) THE QUANTITIES SHOWN IN THE TRAFFIC CONTROL SUMMARY BOX ARE CONSIDERED TO BE THE MINIMUM REQUIREMENT FOR HANDLING TRAFFIC AT ANY GIVEN TIME DURING CONSTRUCTION.

740 LIGHTWEIGHT TYPE B WARNING LIGHTS (WEIGHING 3.3 POUNDS OR LESS) WITH DETACHABLE HEADS MAY BE USED ON DRUMS IN SPECIAL SITUATIONS AS SHOWN ON THE PLANS. TYPE B WARNING LIGHTS WITH DETACHABLE HEADS USED ON BARRICADES SHALL BE LIGHTWEIGHT (WEIGHING 3.3 POUNDS OR LESS). ANY HEAVYWEIGHT WARNING LIGHTS ON BARRICADES MUST BE CERTIFIED BY THE VENDOR AS TO CRASHWORTHINESS OF THE BARRICADE AND WARNING LIGHT COMBINATION.

(•741) FOR DIVIDED ROADWAYS. THE REQUIRED ADVANCE WARNING SIGNS SHALL BE POSTED ON BOTH THE RIGHT AND LEFT SIDE OF THE ROADWAY.

(•742) THE CONTRACTOR SHALL CLOSE THE LANE ADJACENT TO THE WORK AREA ANYTIME WORK OUTSIDE THE EXISTING TRAVEL LANES ENCROACHES WITHIN 2 FEET OF THE EXISTING TRAVEL LANES.

743 OMITTED

(•744) THE TRANSITION TAPER LENGTH (L) IS SHOWN IN TABLE 6C-4. AND THE BUFFER LENGTH IS SHOWN IN TABLE 6C-2 OF THE MUTCD. PART 6. 2003 EDITION.

745 OMITTED

746 UNEVEN LANES SIGNS SHALL BE COVERED OR REMOVED WHEN NO UNEVEN PAVEMENT CONDITIONS EXIST.

(•747) MOVING OPERATIONS SHALL BE CONFINED TO ONE LANE IN THE DIRECTION OF TRAFFIC.

(•748) R16-3 AND R16-4 SIGNS SHALL BE REQUIRED FOR EVERY PROJECT ON STATE ROUTES AND INTERSTATE HIGHWAYS. THEY SHALL BE POSTED AT THE BEGINNING AND END OF THE PROJECT. AN R2-1 SIGN SHALL ALWAYS BE REQUIRED FOLLOWING AN R16-3 SIGN. ADDITIONAL R16-3 SIGNS SHALL BE POSTED AT MAXIMUM THREE MILE INTERVALS THROUGHOUT THE PROJECT LIMITS. ADDITIONAL R16-3 SIGNS SHALL BE REQUIRED WITH A W3-5b (REDUCED SPEED AHEAD) SIGN AND R2-1 SIGNS IF REDUCTION OF SPEED IS REQUIRED FOR A WORK AREA SUCH AS A LANE CLOSURE WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL COVER OR REMOVE THE R2-1 (REGULATORY SPEED SIGNS) AND THE W3-5b (REDUCED SPEED AHEAD) SIGNS WHEN A SPEED REDUCTION THROUGH THE CONSTRUCTION WORK ZONE IS NOT REQUIRED AND THE CONSTRUCTION ACTIVITY AND/OR LOCATION OF WORK ACTUALLY BEING PERFORMED DOES NOT PRESENT A CLEAR AND PRESENT DANGER TO CONSTRUCTION WORKERS OR THE TRAVELING PUBLIC.

749 DURING REPLACEMENT OF GUARDRAIL AND/OR GUARDRAIL END ANCHORS. A REFLECTORIZED DRUM WITH A LIGHTWEIGHT TYPE B WARNING LIGHT (WEIGHING 3.3 POUNDS OR LESS) WITH A DETACHABLE HEAD SHALL BE PLACED BEFORE THE END OF ANY EXPOSED GUARDRAIL AT NIGHT WHERE THE GUARDRAIL END ANCHOR CANNOT BE REPLACED IN ONE DAY'S TIME.

(•750) CONSTRUCTION SIGNS MOUNTED ON A SINGLE OR DUAL SQUARE TUBULAR OR U-CHANNEL POST SHALL BE INSTALLED AS SHOWN ON SPECIAL DRAWING NOS. INS-710-21 AND INS-710-23. SINGULAR OR DUAL 4 X 4 WOOD POSTS ARE CONSIDERED BREAKAWAY.

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				GENERAL TRAFFIC CONTROL PLAN NOTES	SR-271

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TRAFFIC CONTROL QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	6

THE FOLLOWING IS A LIST OF TRAFFIC CONTROL QUANTITIES THAT APPLY TO THIS PROJECT:

QTY.	UNIT	ITEM NO.	DESCRIPTION
513	SQ FT	740B-000	CONSTRUCTION SIGNS
50	EACH	740D-000	CHANNELIZING DRUMS
1	EACH	741C-010	PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT

FOR TRAFFIC CONTROL NOTES THAT APPLY TO THIS PROJECT SEE SHEET 5.

REQUIRED ITEM 740-B						
SIGN	CONSTRUCTION SIZE (in x in)	CONSTRUCTION QTY.	CONSTRUCTION SQ. FEET	SHEET NO.	EACH SQ. FEET	LEGEND
G20-2a	48 x 24	4	32.00	SHEET 7D	8.00	END ROAD WORK
R2-1	24 x 30	4	20.00	SHEET 7	5.00	SPEED LIMIT 45
R2-1	24 x 30	4	20.00	SHEET 7	5.00	SPEED LIMIT 55
R16-3	48 x 60	4	80.00	SHEET 7A	20.00	WHEN WORKERS ARE PRESENT/ SPEEDING FINES DOUBLED
R16-4	48 x 48	4	64.00	SHEET 7A	16.00	END DOUBLED FINES
W3-5b	48 x 48	4	64.00	SHEET 7E	16.00	REDUCED SPEED AHEAD
*W20-1	36 x 36	1	9.00	SHEET 7C	9.00	ROAD WORK AHEAD
W20-1	48 x 48	4	64.00	SHEET 7C	16.00	ROAD WORK 500 FT.
W20-1	48 x 48	4	64.00	SHEET 7C	16.00	ROAD WORK 1500 FT.
W20-1	48 x 48	4	64.00	SHEET 7C	16.00	ROAD WORK 1/2 MILE
W20-1	48 x 48	2	32.00	SHEET 7C	16.00	ROAD WORK AHEAD
		TOTAL	513.00			

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				TRAFFIC CONTROL QUANTITIES	SR-271

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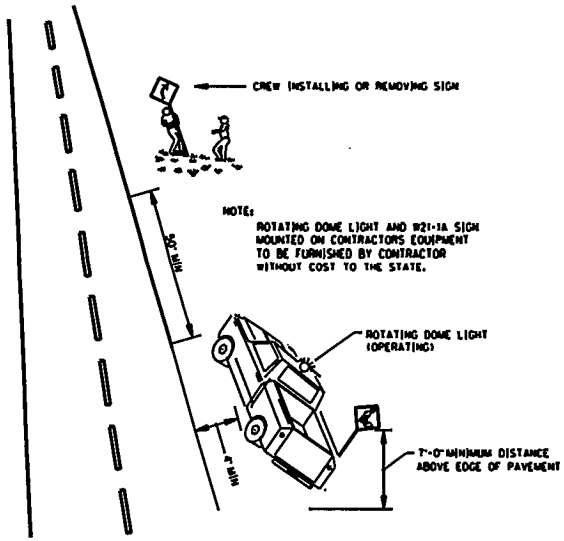
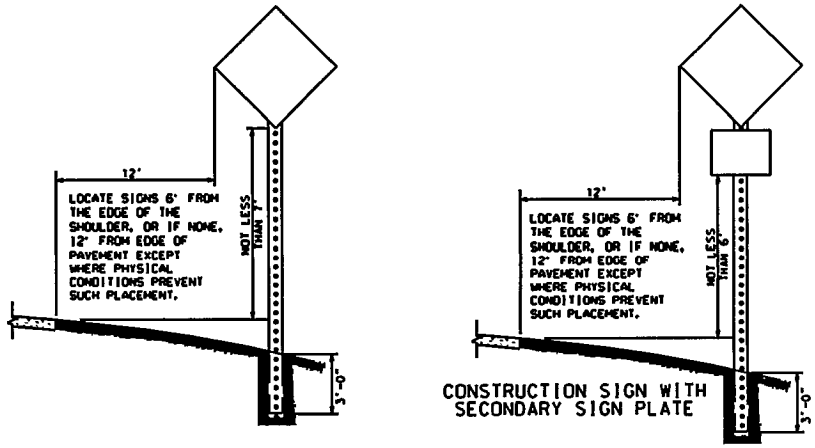
TRAFFIC CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	6-A

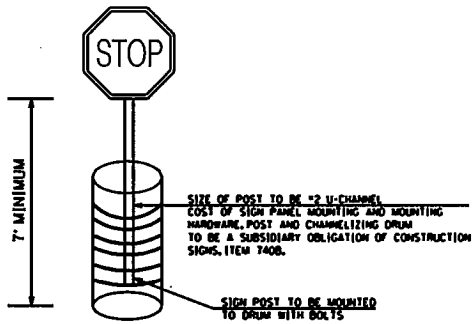


TYPICAL METHOD FOR INSTALLING OR REMOVING CONSTRUCTION SIGNS



NOTE : IF THE CONTRACTOR CHOOSES TO SPLICE THE POSTS FOR THE REQUIRED POST MOUNTED CONSTRUCTION SIGNS, THEY SHALL BE SPLICED AS SHOWN ON DRAWING IHS-710-23.

HEIGHT AND LATERAL LOCATION OF POST MOUNTED CONSTRUCTION SIGNS



DETAIL FOR DRUM MOUNTED CONSTRUCTION SIGNS

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				STANDARD DETAILS FOR TRAFFIC CONTROL PLANS	SR-271

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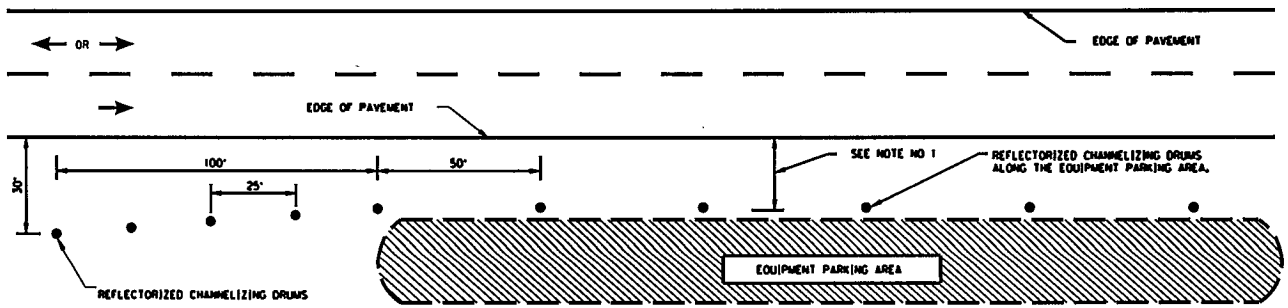
TRAFFIC CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	6-B

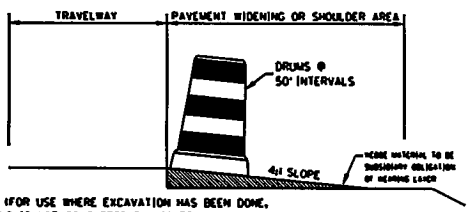


NOTES:

1. DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT. MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER.

2. ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

DELINEATING DETAILS FOR EQUIPMENT PARKING AREA



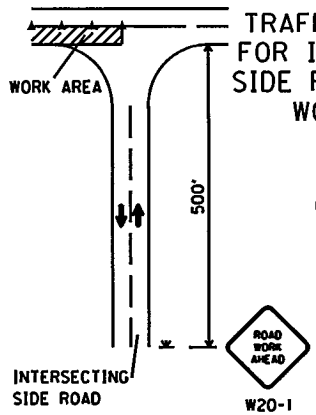
(FOR USE WHERE EXCAVATION HAS BEEN DONE, BUT WIDENING IS NOT COMPLETED BY NIGHTFALL OR WHERE PAVEMENT DROP OFF OF RESURFACING PROJECTS IS 3" OR MORE AT NIGHTFALL)

TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

NOTE: THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE . THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE WEARING LAYER.

CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.

TRAFFIC CONTROL FOR INTERSECTING SIDE ROADS WITHIN WORK AREA



NOTE: THE W20-1 SIGN TO BE USED ON INTERSECTING ROADS SHALL BE 36"X36" IN SIZE. THE TEMPORARY MOUNTED W20-1 ROAD WORK AHEAD SIGN SHOWN ON THE SIDE ROAD WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				STANDARD DETAILS FOR TRAFFIC CONTROL PLANS	SR-271

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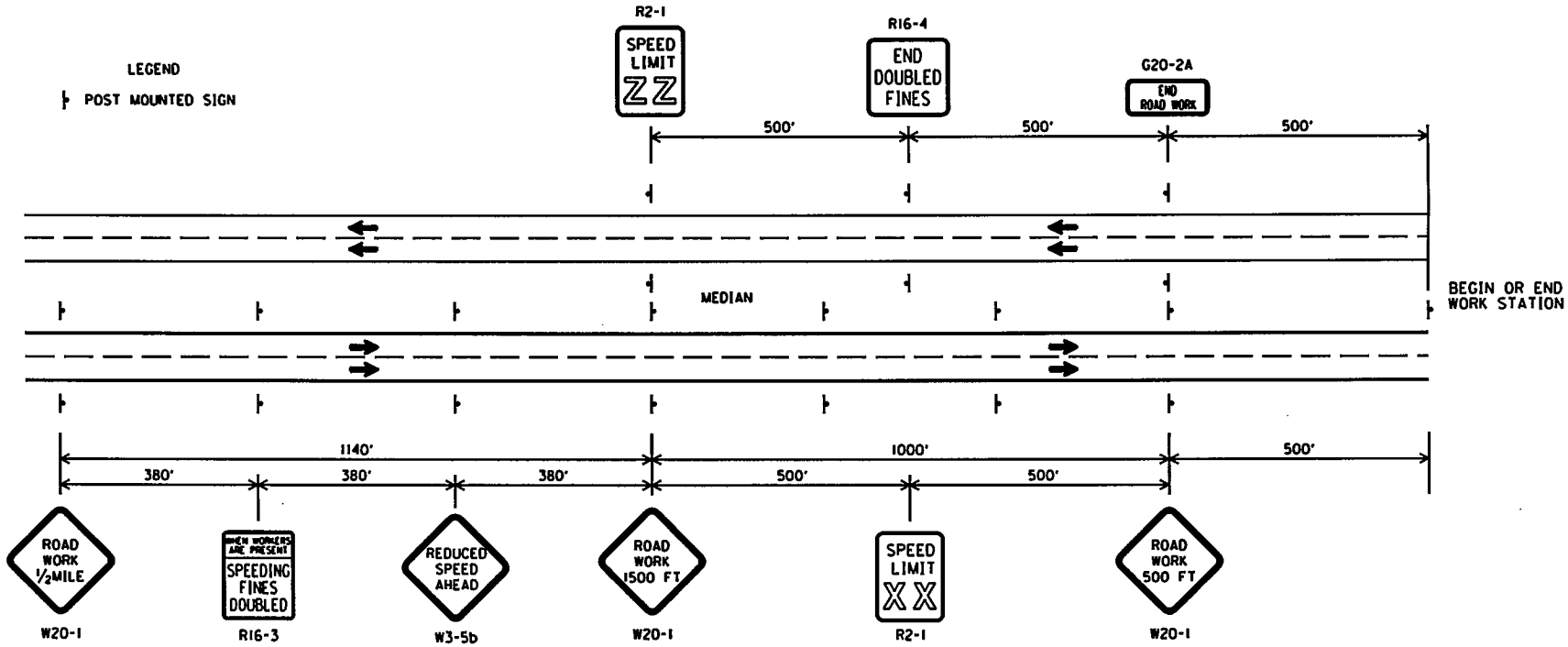
TRAFFIC CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	6-C



REQUIRED SIGN SIZES	
G20-2A	48" X 24"
R2-1	24" x 30"
W3-5b	48" x 48"
R16-3	48" X 60"
R16-4	48" X 48"
W20-1	48" X 48"

GENERAL NOTES

1. ALL SIGNS SHALL BE POST MOUNTED AS SHOWN.

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				STANDARD DETAILS FOR TRAFFIC CONTROL PLANS	SR-271

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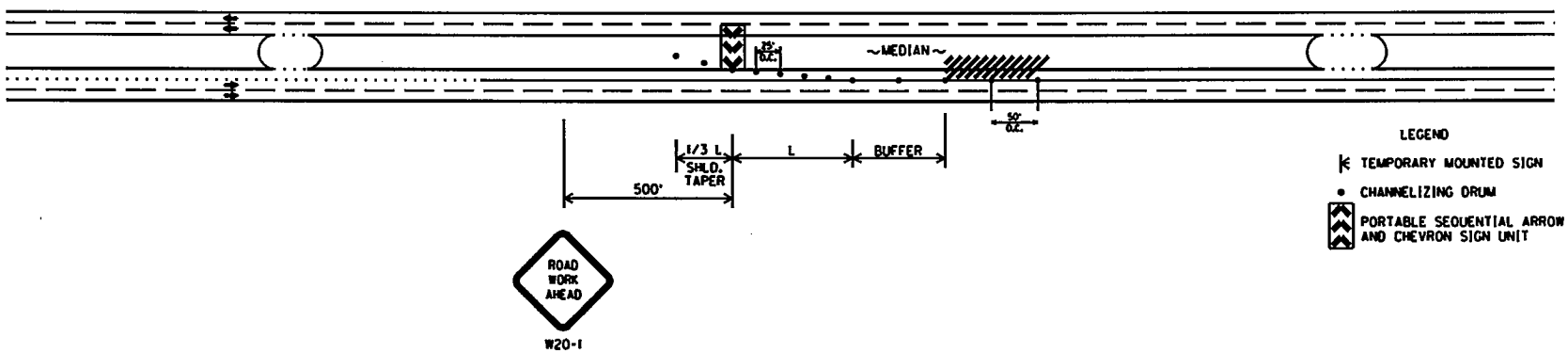
TRAFFIC CONTROL PLAN

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	6-D

REQUIRED SIGN SIZES	
W4-2	48" X 48"
W20-5	48" X 48"

TYPICAL SCHEME LEFT TURN LANE CLOSURE



GENERAL NOTES

1. ALL SIGNS SHALL BE TEMPORARY MOUNTED AS SHOWN.

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:				STANDARD DETAILS FOR TRAFFIC CONTROL PLANS	SR-271

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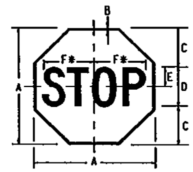
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
		7

LEGEND



• REDUCE SPACING 40%

SIGN	A	B	C	D	E	F
MIN.	24	.625	8	8C	4	10
STD.	30	.75	10	10C	5	12.5
EXPWY.	36	.875	12	12C	6	15
OVRSZ.	48	1.25	16	16C	8	20

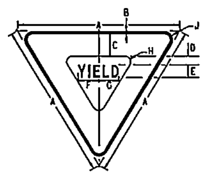
DIMENSIONS (INCHES)

SIGN DESIGNATION: R1-1 (F)

REFLECTORIZATION: LEGEND, BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: LEGEND, BORDER WHITE; BACKGROUND RED

PAY QUANTITY SQUARE FEET	MIN.	STD.	EXPWY.	OVRSZ.
	3.29	5.18	7.46	13.25



SIGN	A	B	C	D	E	F	G	H	J
MIN.	30	.625	4	1.75	2.5C	3.938	3.625	.875	1.5
STD.	36	.75	5	2	3C	4.688	4.375	1.25	2
EXPWY.	48	1	6	2.75	4C	6.25	5.875	2	3
FRWY.	60	1.5	8	3.5	5C	7.875	7.25	25	4

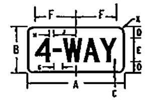
DIMENSIONS (INCHES)

SIGN DESIGNATION: R1-2 (F)

REFLECTORIZATION: LEGEND, BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: LEGEND, BORDER WHITE; BACKGROUND RED

PAY QUANTITY SQUARE FEET	MIN.	STD.	EXPWY.	FRWY.
	2.71	3.90	6.93	10.83



SIGN	A	B	C	D	E	F	G
STD.	12	6	.5	1.5	3C	4.875	1.063
EXPWY.	18	9	.5	2	5C	8	1.75
	H	J	K				
STD.	.375	2.75	1.5				
EXPWY	.687	4.313	1.5				

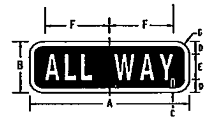
DIMENSIONS (INCHES)

SIGN DESIGNATION: R1-3 (F)

REFLECTORIZATION: LEGEND,BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- WHITE; BACKGROUND --- RED

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	0.50	1.13



SIGN	A	B	C	D	E	F	G
STD.	18	6	.5	1.5	3C	7	1.5
EXPWY	24	9	.5	2	5C	11	1.5

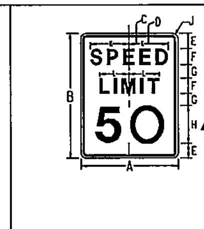
DIMENSIONS (INCHES)

SIGN DESIGNATION: R1-4 (F)

REFLECTORIZATION: LEGEND,BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- WHITE; BACKGROUND --- RED

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	0.75	1.50



SIGN	A	B	C	D	E	F	G
STD.	24	30	.375	.625	4	4E	2
EXPWY.	36	48	.625	.875	6	6E	5
FRWY.	48	60	.75	1.25	8	8E	6
	H	J	K	L			
STD.	10E	1.5	9.563	7.313			
EXPWY.	14E	2.25	14.375	11			
FRWY.	16E	3	19.125	14.625			

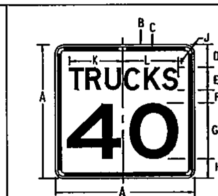
DIMENSIONS (INCHES)

SIGN DESIGNATION: R2-1 (B)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	5.00	12.00	20.00



SIGN	A	B	C	D	E	F	G
STD.	24	.375	.625	4	4D	2.5	10E
EXPWY.	36	.625	.875	6	6D	4	14E
FRWY.	48	.75	1.25	8	8D	8	16E
	H	J	K	L			
STD.	3.5	1.5	9.563	9.188			
EXPWY.	6	2.25	14.313	13.813			
FRWY.	8	3	19.125	18.375			

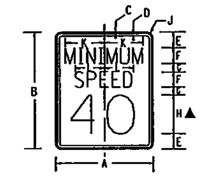
DIMENSIONS (INCHES)

SIGN DESIGNATION: R2-2 (B)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	4.00	9.00	16.00



SIGN	A	B	C	D	E	F	G
STD.	24	30	.375	.625	4	4C	2
EXPWY.	36	48	.625	.875	6	6C	5
FRWY.	48	60	.75	1.25	8	8C	6
	H	J	K	L			
STD.	10D	1.5	9.188	6.813			
EXPWY.	14D	2.25	13.75	10.188			
FRWY.	16D	3	18.375	13.625			

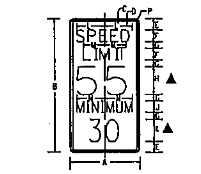
DIMENSIONS (INCHES)

SIGN DESIGNATION: R2-4 (B)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	5.00	12.00	20.00



SIGN	A	B	C	D	E	F	G
STD.	24	48	.375	.625	4	4E	2.5
EXPWY.	36	72	.625	.875	6	6E	4
FRWY.	48	96	.75	1.25	8	8E	6.5
	H	J	K	L	M	N	P
STD.	10E	4C	8D	9.625	7.313	9.188	1.5
EXPWY.	14E	6C	12D	14.375	11	13.75	2.25
FRWY.	16E	8C	14D	19.25	14.625	18.375	3

DIMENSIONS (INCHES)

SIGN DESIGNATION: R2-4a (B)

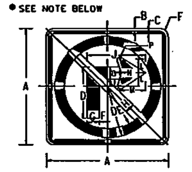
REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	8.00	18.00	32.00

LEGEND

• SEE NOTE BELOW



SIGN	A	B	C	D	E	F	G
STD.	24	.375	.625	10.5	8.5	1.5	2.5
EXPWY.	36	.625	.875	15.75	12.75	2.25	3.75
OVRSZ.	48	.75	1.25	21	17	3	5
	H	J	L	M	N	P	
STD.	2	11.5	2.875	5.063	.375	.5	
EXPWY.	3	17.25	4.313	7.625	.563	.75	
OVRSZ.	4	23	5.75	10.125	.75	1	

DIMENSIONS (INCHES)

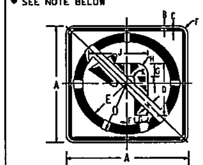
SIGN DESIGNATION: R3-1 (F)

REFLECTORIZATION: CIRCLE & DIAGONAL ARROW & BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: CIRCLE & DIAGONAL --- RED; ARROW & BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.		EXPWY.	OVRSZ.
	4.00		9.00	16.00

• SEE NOTE BELOW



NOTE: SEE R3-1 FOR ARROWHEAD DETAILS

SIGN	A	B	C	D	E	F	G
STD.	24	.375	.625	10.5	8.5	1.5	2.5
EXPWY.	36	.625	.875	15.75	12.75	2.25	3.75
OVRSZ.	48	.75	1.25	21	17	3	5
	H	J	K				
STD.	2	11.5	.5				
EXPWY.	3	17.25	.75				
OVRSZ.	4	23	1				

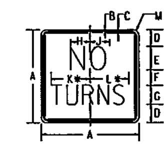
DIMENSIONS (INCHES)

SIGN DESIGNATION: R3-2 (F)

REFLECTORIZATION: CIRCLE & DIAGONAL ARROW & BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: CIRCLE & DIAGONAL --- RED; ARROW & BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.		EXPWY.	OVRSZ.
	4.00		9.00	16.00



• REDUCE SPACING 35%

SIGN	A	B	C	D	E	F	G
STD.	24	.375	.625	4.5	6D	4	5D
EXPWY.	36	.625	.875	6	10D	6	8D
OVRSZ.	48	.75	1.25	9	12D	8	10D
	H	J	K	L	M		
STD.	4.688	5	9.813	9.563	1.5		
EXPWY.	7.25	8.313	15.688	15.313	2.25		
OVRSZ.	9.313	10	19.625	19.125	3		

DIMENSIONS (INCHES)

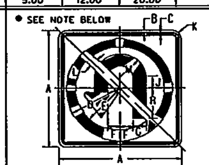
SIGN DESIGNATION: R3-3 (F)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	OVRSZ.
	4.00	9.00	16.00

• SEE NOTE BELOW



SEE R3-1 FOR ARROWHEAD DETAILS
NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G
STD.	24	.375	.625	10.5	8.5	2.5	2.5
EXPWY.	36	.625	.875	15.75	12.75	3.75	3.75
OVRSZ.	48	.75	1.25	21	17	5	5
	H	J	K	L	M		
STD.	6	2.25	1.5	2	5		
EXPWY.	9	3.375	2.25	3	7.5		
OVRSZ.	12	4.5	3	4	10		

DIMENSIONS (INCHES)

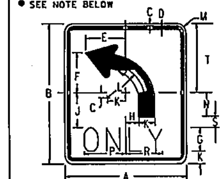
SIGN DESIGNATION: R3-4 (F)

REFLECTORIZATION: CIRCLE & DIAGONAL ARROW & BORDER (REFL.); BACKGROUND (REFL.)

SIGN COLORS: CIRCLE & DIAGONAL --- RED; ARROW & BORDER --- BLACK; BACKGROUND --- WHITE

PAY QUANTITY SQUARE FEET	STD.		EXPWY.	OVRSZ.
	4.00		9.00	16.00

• SEE NOTE BELOW



SEE R3-1 FOR ARROWHEAD DETAILS
NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G
STD.	30	36	.5	.75	9.25	11.25	6D
	H	J	K	L	M	N	P
STD.	3.875	8.25	3.75	9.5	1.875	5.75	10.063
	R	S	T				
STD.	10.563	2.5	18				

DIMENSIONS (INCHES)

SIGN DESIGNATION: R3-5 (B)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET	STD.
	7.50

• LETTER SPACING OR SYMBOL TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

▲ NOTE: OPTICALLY SPACE NUMERALS ABOUT VERTICAL ℄

(A) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "II" OR "III"
(B) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III" OR "IV"
(C) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III", "IV", OR "VIII"
(D) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", "VIII"
(E) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", VIII" OR "IX"
(F) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "VIII" OR "IX"

*NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

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REVISIONS

DRAWN BY: ____
DATE DRAWN: 12-09-87

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

STANDARD HIGHWAY SIGNS

SPECIAL DRAWING NO. SPECIAL PROJECT DETAIL | INDEX NO. 1301

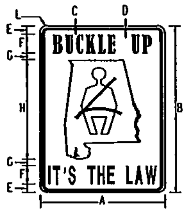
NOT TO SCALE

1301spd_032410.dgn 6/22/2010 12:14:33 PM

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
		7A

LEGEND

R16-10 (Ⓐ)



*SEE NOTE BELOW

SIGN	A	B	C	D	E	F	G	H
STD.	18	24	.375	.625	1.59	2.50	1	13.63
EXPWY.	24	36	.375	.625	1.87	48	1.25	21.76
FWY.	48	72	.75	1.25	3.75	88	2.5	43.5
		J	K	L				
STD.		6.25	6.98	1.5				
EXPWY.		9.39	10.46	1.5				
FWY.		18.77	20.93	3				

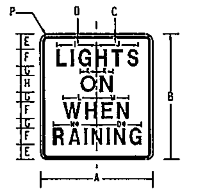
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER,SYMBOL; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER,SYMBOL BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 3.00; EXPWY. 6.00; FWY. 24.00

R16-2 (Ⓐ)



● REDUCE SPACING 30%

SIGN	A	B	C	D	E	F	G	H
STD.	24	30	.375	.625	3.625	4 D	2.25	4 E
EXPWY.	36	48	.625	.875	6	6 D	4	6 E
FWY.	48	60	.75	1.25	7.125	8 D	4.5	8 E
	I	J	K	L	M	N	O	P
STD.	8.75	9.25	4	6.75	7.25	9.25	9.75	1.5
EXPWY.	13.25	13.75	5.5	10.75	10.25	14.25	14.75	2.25
FWY.	17.125	17.875	7	14.375	13.625	18.625	19.375	3

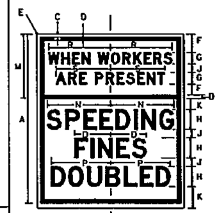
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 5.00; EXPWY. 12.00; FWY. 20.00

R16-3 (TOP Ⓑ BOTTOM Ⓓ)



SIGN	A	B	C	D	E	F	G	H
STD.	60	48	.75	1.25	3	3.75	4 Dm	1 D
	J	K	M	N	O	P	R	S
STD.	3	6.625	22.125	21	11.875	19.719	20.469	18

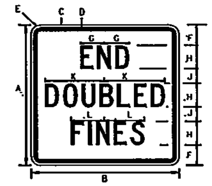
DIMENSIONS (INCHES)

REFLECTORIZATION: TOP & BOTTOM: LEGEND,BORDER; TOP & BOTTOM: BACKGROUND (REFL.)

SIGN COLORS: TOP: LEGEND,BORDER BLACK; BOTTOM: LEGEND,BORDER BLACK; TOP: BACKGROUND FLUORESCENT ORANGE; BOTTOM: BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 20.00

R16-4 (Ⓑ)



SIGN	A	B	C	D	E	F	G	H
STD.	48	48	.75	1.25	3	1	7.82	8C
	J	K	L					
STD.	5	19.41	11.83					

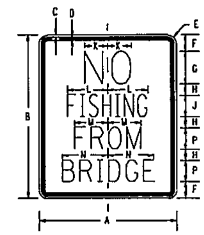
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 16.00

R20-1 (Ⓐ)



SIGN	A	B	C	D	E	F	G
STD.	24	30	.375	.625	1.5	3	6C
	H	J	K	L	M	N	P
STD.	2	4B	4	6.813	5.625	7.688	4C

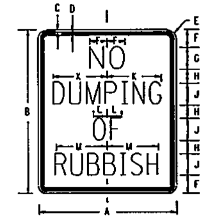
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 5.00

R20-2 (Ⓐ)



SIGN	A	B	C	D	E	F	G
STD.	24	30	.375	.625	1.5	3.25	4D
	H	J	K	L	M		
STD.	2.5	4C	9.688	2.563	9.375		

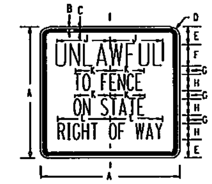
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 5.00

R20-3 (Ⓐ)



SIGN	A	B	C	D	E	F	G
STD.	24	.375	.625	1.5	3.25	48	1.5
	H	J	K	L			
STD.	38	9	6.5	9.5			

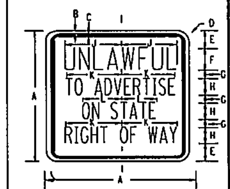
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 4.00

R20-4 (Ⓐ)



SIGN	A	B	C	D	E	F	G
STD.	24	.5	.625	1.5	3.25	48	1.5
	H	J	K	L			
STD.	38	9	9.5	6.5			

DIMENSIONS (INCHES)

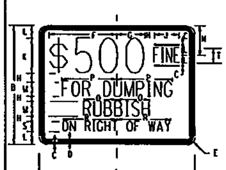
REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 4.00

LEGEND

R20-7 (Ⓐ)



SIGN	A	B	C	D	E	F	G
STD.	30	24	.375	.625	1.5	13.062	6.563
	H	J	K	L	M	N	P
STD.	1	5.5	1C	2.5	3C	6	11
	O	R	S	T			
STD.	7	9.15	2C	38			

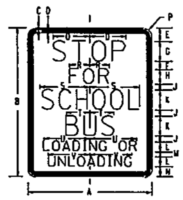
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 5.00

R20-8 (Ⓑ)



SIGN	A	B	C	D	E	F	G
STD.	24	30	.375	.625	2.625	1.625	4E
	H	J	K	L	M	N	P
STD.	3E	1.25	40	2E	1	2	1.5
	O	R	S	T	U	V	
STD.	1.86	4.56	10.125	5	9.5	8.625	

DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 5.00

R20-8p (Ⓑ)

REDUCE SPACING TO 84%

SIGN	A	B	C	D	E	F	G
STD.	24	10	.375	.625	2.5	58	10.244
	H	J					
STD.	2.5	1.5					

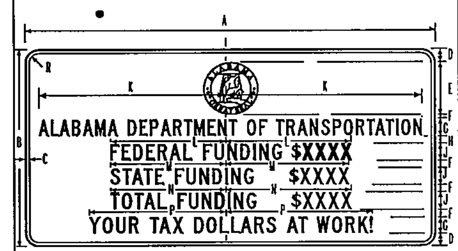
DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND WHITE

PAY QUANTITY SQUARE FEET: STD. 1.67

R-22 (Ⓑ)



SIGN	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
STD./EXPWY.	96	48	.75	4	12	2	4C	3	3	45	21.25	21	21.25	33.313	3
FRWY.	156	96	1.25	8	24	6	8C	4	6	73.313	40.75	40.625	41.063	64.313	6

DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND; GREATSEAL (REFL.)

SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND WHITE; GREATSEAL MULTIPLE

PAY QUANTITY SQUARE FEET: STD./EXPWY. 32.00; FRWY. 104.00

NOTES

* LETTER SPACING OR SYMBOL TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

Ⓐ THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "II" OR "III"
Ⓑ THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III" OR "IV"
Ⓒ THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III", "IV" OR "VIII"
Ⓓ THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", OR "VIII"
Ⓔ THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", VIII" OR "IX"
Ⓕ THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "VIII" OR "IX"

*NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

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REVISIONS

DRAWN BY:
DATE DRAWN: 12-09-87

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

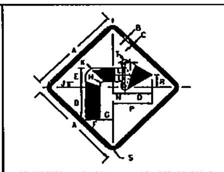
STANDARD HIGHWAY SIGNS

SPECIAL DRAWING NO.: SPECIAL PROJECT DETAIL
INDEX NO.: 1308

NOT TO SCALE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
		7B

LEGEND



NOTE: DIRECTION OF ARROW MAY BE LEFT OR RIGHT

SIGN	A	B	C	D	E	F	G	H
STD.	30	.5	.75	9.688	6.25	4.375	3.75	1
EXPWY.	36	.625	.875	11.625	7.5	5.25	4.5	1.25
FRWY.	48	.75	1.25	15.5	10	7	6	1.625
	J	K	L	M	N	O	P	R
STD.	1.875	3	5	.688	3.125	8.875	12	4.063
EXPWY.	2.25	3.625	6	.813	3.75	10.625	14.375	4.875
FRWY.	3	4.875	8	1.063	5	14.188	19.188	6.5
	S	T						
STD.	1.875	.875						
EXPWY.	2.25	1.063						
FRWY.	3	1.375						

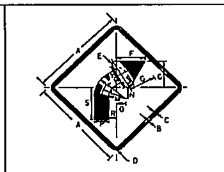
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-1 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	6.25	9.00	16.00



NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G
STD.	30	.5	.75	1.875	.875	9.063	8.875
EXPWY.	36	.625	.875	2.25	1.063	10.875	10.625
FRWY.	48	.75	1.25	3	1.375	14.5	14.188
	H	J	K	L	M	N	O
STD.	5	.688	10	7.813	5.625	2.938	2.188
EXPWY.	6	.813	12	9.375	6.75	3.5	2.625
FRWY.	8	1.063	16	12.5	9	4.688	3.5
	P	R	S				
STD.	4.375	3.438	10.313				
EXPWY.	5.25	4.125	12.375				
FRWY.	7	5.5	16.5				

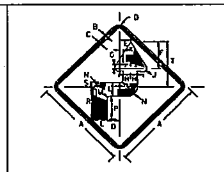
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-2 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	6.25	9.00	16.00



NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G
STD.	30	.5	.75	1.875	3.5	8.875	.688
EXPWY.	36	.625	.875	2.25	4.219	10.625	.813
FRWY.	48	.75	1.25	3	5.625	14.188	1.063
	H	J	K	L	M	N	O
STD.	5	.875	1.313	4.375	1	3	3.75
EXPWY.	6	1.063	1.563	5.25	1.25	3.625	4.5
FRWY.	8	1.375	2.125	7	1.625	4.875	6
	P	R	S	T			
STD.	7.375	10.375	1.375	14.5			
EXPWY.	8.875	12.469	1.656	17.438			
FRWY.	1.813	16.625	2.188	23.188			

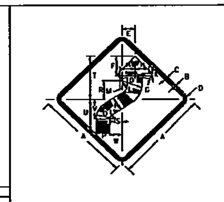
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-3 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	6.25	9.00	16.00



NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	2.25	4.719	10.625	1.063
FRWY.	48	.75	1.25	3	6.313	14.188	1.375
	H	K	L	M	O	P	R
STD.	6	.813	2.25	.156	7.5	5.25	5.25
FRWY.	8	1.063	3	.188	10	7	7
	S	T	U	V	W		
STD.	1.688	16.875	12.375	7.875	3.938		
FRWY.	2.25	22.5	16.5	10.5	5.25		

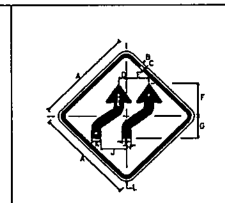
DIMENSIONS. (INCHES)

SIGN DESIGNATION: W1-4 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	FRWY.
	9.00	16.00



NOTE: DIRECTION OF LANE SHIFT MAY BE LEFT OR RIGHT

SIGN	A	B	C	D	E	F	G	H
STD.	36	.625	.875	3.042	8.526	12.889	8.446	1.741
EXPWY.	48	.75	1.25	4.242	10.246	15.37	10.246	2.08
	J	K	L	M				
STD.	9.147	3.482	2.25					
EXPWY.	12.328	4.16	3					

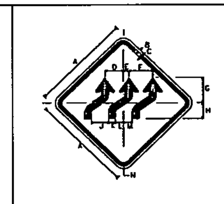
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-4b D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	9.00	16.00



NOTE: DIRECTION OF LANE SHIFT MAY BE LEFT OR RIGHT

SIGN	A	B	C	D	E	F	G	H
STD.	36	.625	.875	1.125	1.641	9.207	10.168	6.284
EXPWY.	48	.75	1.25	8.806	2.48	11.368	12.808	7.684
	J	K	L	M	N			
STD.	6.484	2.802	3.162	2.722	2.25			
EXPWY.	8	3.362	4	4	3			

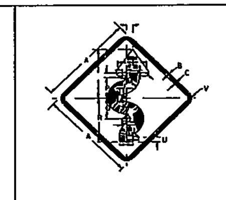
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-4c D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	9.00	16.00



NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	1.875	5.625	.75	1
FRWY.	48	.75	1.25	2.5	15	1	1.313
	H	J	K	L	M	N	P
STD.	9.815	19.125	4.875	1.313	6.188	1.875	1.81
FRWY.	11.88	25.5	6.5	1.75	8.25	2.5	10.315
	O	R	S	T	U	V	
STD.	7.815	17.063	.375	.375	2.906	2.25	
FRWY.	10.5	22.35	.5	.5	3.188	3	

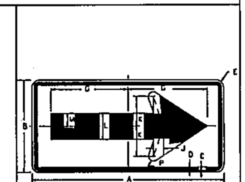
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-5 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	FRWY.
	9.00	16.00



NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	G
STD.	48	24	.5	.75	1.875	19.5
	J	K	L	M	P	
STD.	1	7.5	6.5	3.25	1.313	

DIMENSIONS (INCHES)

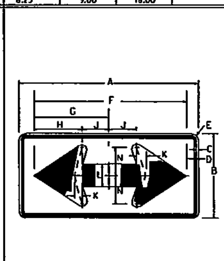
SIGN DESIGNATION: W1-6 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.
	8.00

LEGEND



SIGN	A	B	C	D	E	F	G
STD.	48	24	.5	.75	1.875	41	20.5
	H	J	K	L	M	N	
STD.	13.188	7.313	1	6.5	1.313	7.5	

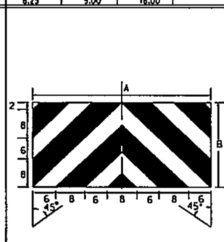
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-7 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.
	8.00



NOTE: THIS HAZARD SIGN (BLACK & ORANGE) SHALL BE USED WITH W1-7 LARGE ARROW SIGN

SIGN	A	B
STD.	48	24

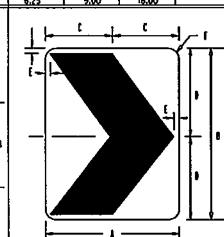
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-7a D

REFLECTORIZATION: STRIPE; BACKGROUND (REFL.)

SIGN COLORS: STRIPE BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.
	8.00



SIGN	A	B	C	D	E	F
STD.	18	24	9	12	.75	1.5
EXPWY.	24	30	12	15	.875	1.5
FRWY.	36	48	18	24	1.125	2.25

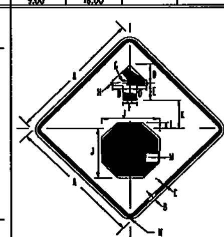
DIMENSIONS (INCHES)

SIGN DESIGNATION: W1-8 D

REFLECTORIZATION: SYMBOL; BACKGROUND (REFL.)

SIGN COLORS: SYMBOL BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.	FRWY.
	3.00	5.00	12.00



SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	9	4.5	6	.75
EXPWY.	48	.75	1.25	12	6	8	1
	H	J	K	L	M	N	
STD.	.375	19	7.5	3.5	.625	2.25	
EXPWY.	.5	25.125	10	4.5	.75	3	

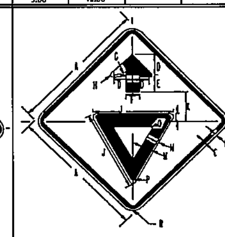
DIMENSIONS (INCHES)

SIGN DESIGNATION: W3-1 D

REFLECTORIZATION: BORDER & ARROW; SYMBOL (REFL.); BACKGROUND (REFL.)

SIGN COLORS: BORDER & ARROW BLACK; SYMBOL-WHITE BORDER,RED BACKGROUND; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	9.00	16.00



SIGN	A	B	C	D	E	F	G	H
STD.	36	.625	.875	9	4.5	6	.75	.375
EXPWY.	48	.75	1.25	12	6	8	1	.5
	J	K	L	M	N	P	Q	R
STD.	28	7.5	3.375	3.75	.625	1.375	.75	2.25
EXPWY.	38	10	4.5	5	.75	1.875	1	3

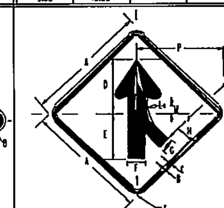
DIMENSIONS (INCHES)

SIGN DESIGNATION: W3-2 D

REFLECTORIZATION: BORDER & ARROW; SYMBOL (REFL.); BACKGROUND (REFL.)

SIGN COLORS: BORDER & ARROW BLACK; SYMBOL - RED BORDER,WHITE BACKGROUND; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	9.00	16.00



NOTE: DIRECTION OF MERGING TRAFFIC MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G	H
STD.	36	.625	.875	15.75	13.75	5.25	5.625	6.313
EXPWY. FRWY.	48	.75	1.25	20.5	17.5	7	4.15	8.375
	J	K	L	M	N	P		
STD.	3.625	2.25	9.625	4	15.625	3.375		
EXPWY. FRWY.	45	3	12.15	5.25	20.5	4.375		

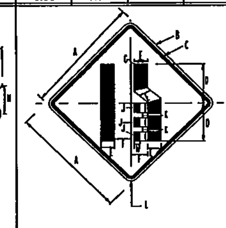
DIMENSIONS (INCHES)

SIGN DESIGNATION: W4-1 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY./FRWY.
	9.00	16.00



NOTE: LANE DROP MAY BE RIGHT OR LEFT

SIGN	A	B	C	D	E	F	G	H
STD.	36	.625	.875	12	4	5	1	1.75
EXPWY.	48	.75	1.25	16	5.375	6.688	1.25	2.375
	J	K	L					
STD.	3	1.5	2.25					
EXPWY.	4	2	3					

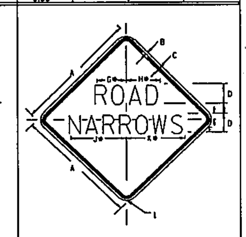
DIMENSIONS (INCHES)

SIGN DESIGNATION: W4-2 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	9.00	16.00



SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	6Dm	3.5	2	9.5
EXPWY.	48	.75	1.25	8Dm	4	3	12.688
	H	J	K	L			
STD.	10.313	17.625	18.25	2.25			
EXPWY.	13.75	23.5	24.375	3			

DIMENSIONS (INCHES)

SIGN DESIGNATION: W5-1 D

REFLECTORIZATION: LEGEND,BORDER; BACKGROUND (REFL.)

SIGN COLORS: LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE

PAY QUANTITY SQUARE FEET	STD.	EXPWY.
	9.00	16.00

* LETTER SPACING TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

Dm-- Lettering shall be a "Modified D" Series.

(A) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "II" OR "III"
(B) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III" OR "IV"
(C) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III", "IV" OR "VIII"
(D) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV" OR "VIII"
(E) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", VIII" OR "IX"
(F) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "VIII" OR "IX"

* NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

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REVISIONS
1. Updated to MUTCD 2000 & rearranged Sign sheet locations on 02-11-03 by J.F.T.
2. Updated various sign sizes, etc. on 08-11-03 by J.F.T.
3. Updated to MUTCD 2003, Added, Deleted & Rearranged Signs 06-24-05 by B.R.A.
4. Adjusted reflectivity designation and sign designs on various sign sheets on 10-10-06 by B.R.A.
5. Deleted all Reflective Sheeting Type VII designations on 02-11-10 by J.F.T.

DRAWN BY: ______
DATE DRAWN: 12-09-87

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

STANDARD HIGHWAY SIGNS

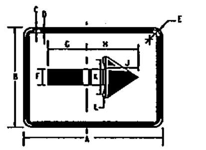
SPECIAL DRAWING NO.: SPECIAL PROJECT DETAIL

INDEX NO.: 1322

NOT TO SCALE

1322spd_032410.dgn 6/22/2010 12:16:13 PM

LEGEND



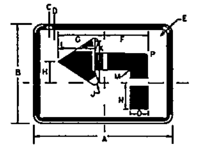
NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

W16-5p (D)

SIGN	A	B	C	D	E	F	G
STD.	24	18	.375	.625	1.5	3	7.5
	H	J	K	L			
STD.	8.25	5.875	6.938	.563			

DIMENSIONS (INCHES)

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 3.00

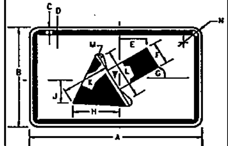


NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

W16-6p (D)

SIGN	A	B	C	D	E	F	G
STD.	24	18	.375	.625	1.5	7.5	8.313
	H	J	K	L	M	N	O
STD.	3	.563	6.938	5.906	.75	5.938	3
	P						
STD.	1						

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 3.00

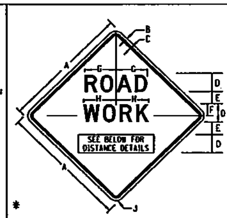


NOTE: DIRECTION OF ARROW MAY BE RIGHT OR LEFT

W16-7p (D)

SIGN	A	B	C	D	E	F	G
STD.	30	18	.5	.75	6.5	4.5	30°
	H	J	K	L	M	N	
STD.	8.75	4.938	8.875	10.188	.938	1.875	

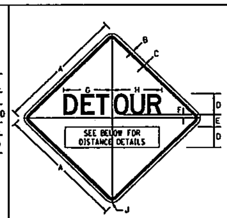
REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 3.75



W20-1 (D) *

SIGN	A	B	C	D	E	F	G
MIN.	36	.625	.875	50m	3.682	2.481	8.406
STD.	48	.75	1.25	70m	4.803	3.497	11.688
OVRSZ.	60	.75	1.25	80m	5.484	4	13.370
	H	J					
MIN.	8.666	2.25					
STD.	11.788	3					
OVRSZ.	13.930	3					

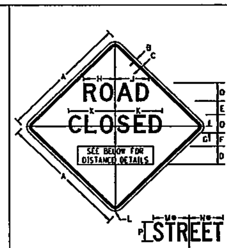
REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: MIN. 9.00; STD. 16.00; OVRSZ. 25.00



W20-2 (D) *

SIGN	A	B	C	D	E	F	G
STD.	48	.75	1.25	80m	4.75	1.25	18
	H	J					
STD.	18.438	3					

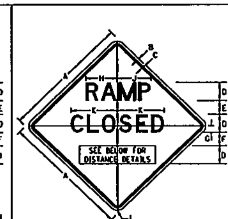
REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 16.00



W20-3 (D) *

SIGN	A	B	C	D	E	F	G	H
STD.	48	.75	1.25	70m	4.75	5.25	4.5	11.688
	J	K	L	M	N	P		
STD.	12.438	17.25	3	14	13.5	TC		

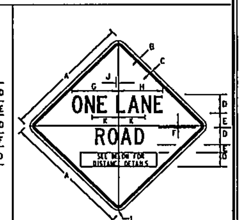
REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 16.00



W20-3a (D) *

SIGN	A	B	C	D	E	F	G	H
STD.	48	.75	1.25	70m	4.75	5.25	4.5	15.5
	J	K	L					
STD.	12.688	17.25	3					

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 16.00

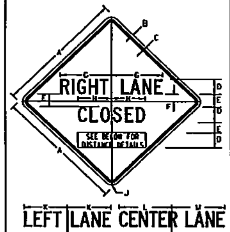


W20-4 (D) *

SIGN	A	B	C	D	E	F	G
STD.	48	.75	1.25	70m	3.125	1.75	18.5
	H	J	K	L			
STD.	17.75	.5	9.688	3			

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 16.00

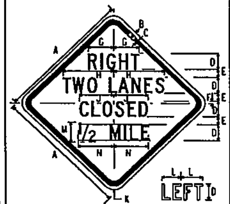
LEGEND



W20-5 (D) *

SIGN	A	B	C	D	E	F	G
STD.	48	.75	1.25	60m	3.375	.5	19
	H	J	K	L	M		
STD.	12.333	3	17.438	20.315	19.315		

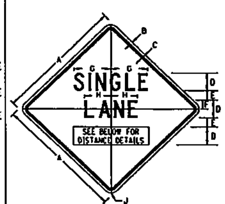
REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 16.00



W20-5a (D)

SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	50m	2	.720	7.565
FRWY.	48	.75	1.25	60m	3	1	9.086
	H	J	K	L	M	N	
STD.	15.091	10.20	2.25	6.126	6	10.50	
FRWY.	18.113	12.49	3	7.35	7	13.11	

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 9.00; FRWY. 16.00



W20-6 (D) *

SIGN	A	B	C	D	E	F	G
STD.	48	.75	1.25	70m	3.25	3.5	6.25
	H	J					
STD.	12.25	3					

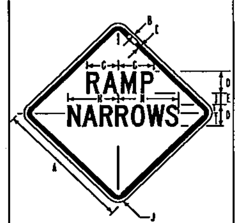
REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 16.00

*SEE NOTE BELOW

W20-7a (D)

SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	2.75	13.5	14.625	2.25
FRWY.	48	.75	1.25	3.75	18	19.5	3

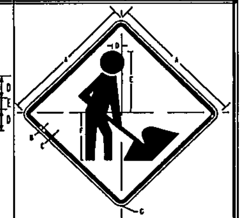
REFLECTORIZATION: SYMBOL, BORDER; BACKGROUND (REFL.)
SIGN COLORS: SYMBOL, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 9.00; FRWY. 16.00



W5-4 (D)

SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	60m	3	2.625	10.594
FRWY.	48	.75	1.25	80m	4	3.438	14.063
	H	J					
STD.	18.625	2.25					
FRWY.	24.813	3					

REFLECTORIZATION: LEGEND, BORDER; BACKGROUND (REFL.)
SIGN COLORS: LEGEND, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 9.00; FRWY. 16.00



SYMBOL DESIGN AVAILABLE UPON REQUEST

W21-1a (D)

SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	2.25	16.815	12	2.25
FRWY.	48	.75	1.25	3	22.375	16	3

REFLECTORIZATION: SYMBOL, BORDER; BACKGROUND (REFL.)
SIGN COLORS: SYMBOL, BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY SQUARE FEET: STD. 9.00; FRWY. 16.00

Dm--Lettering shall be a "Modified D" Series.

- * LETTER SPACING TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

(A) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "II" OR "III"
(B) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III" OR "IV"
(C) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III", "IV" OR "VIII"
(D) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV" OR "VIII"
(E) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", VIII" OR "IX"
(F) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "VIII" OR "IX"

*NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

DISTANCE DETAILS

500 FT — USE FULL SPACING
1/2 MILE — REDUCE SPACING 50%
1000 FT — REDUCE SPACING 40%
1 MILE — USE FULL SPACING
1500 FT — REDUCE SPACING 40%
AHEAD — USE FULL SPACING

	A	B	C	D	E	F	G	H
SERIES C	4 C	6.875	7	7.125	8	8.313	6.063	7
	5 C	8.75	8.8	9.375	10	10.438	7.625	8.75
	6 C	10.75	10.5	11.25	17	11.5	9.125	10.5
	7 C	12	12.188	13.125	14	14.563	10.625	12.25
	8 C	13.75	14	15	16	16.625	12.125	14
SERIES Dm	4 Dm	7.875	8	8.938	8.938	10.625	8	8.969
	5 Dm	9.813	10	11.125	11.188	12.344	9.25	11.094
	6 Dm	11.75	12	13.469	13.5	14.031	11	13.313
	7 Dm	13.75	13.938	15.656	15.688	16	12.938	15.5
	8 Dm	15.15	15.938	17.75	17.968	17.688	14.781	17.75

DIMENSIONS (INCHES)

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

REVISIONS
1. Updated to MUTCD (2000) & rearranged Sign sheet locations on 02-11-03 by J.F.T.
2. Updated various sign sizes, etc. on 06-11-03 by J.F.T.
3. Updated to MUTCD 2003, Added, Deleted & Rearranged Signs 08-24-05 by R.R.A.
4. Adjusted reflectivity designation and sign designs on various sign sheets on 10-10-06 by R.R.A.
5. Deleted all Reflective Sheeting Type VII designations on 02-11-10 by J.F.T.

DRAWN BY: ____
DATE DRAWN: 12-09-87

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

STANDARD HIGHWAY SIGNS

SPECIAL DRAWING NO.: SPECIAL PROJECT DETAIL
INDEX NO.: 1325

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
		7C

NOT TO SCALE

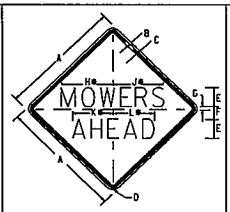
1325spd_032410.dgn 6/22/2010 12:16:32 PM

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
		7D

LEGEND

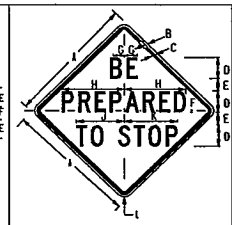
SIGN	A	B	C	D	E	F	G
STD	60	24	.75	.875	3	4.25	60m
	H	J	K	L			
STD	3.5	26.H	26.H	10.73			

SIGN DESIGNATION: W31-4a [D]



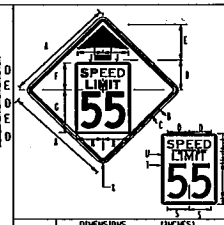
SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	2.25	60m	4	.625
EXPRY.	48	.75	1.25	3	80m	5	.625
	H	J	K	L			
STD.	8.1	13.12	13.12	13.12			
EXPRY.	21.46	21.46	11.85	11.89			

SIGN DESIGNATION: W31-5 [D]



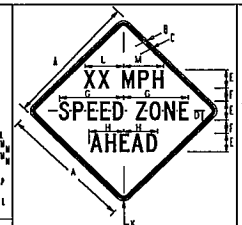
SIGN	A	B	C	D	E	E
STD.	36	.625	.875	60m	3.602	.920
EXPRY./FRWY.	48	.75	1.25	80m	4.803	1.200
OVRSZ.	60	.75	1.25	90m	5.404	1.401
	G	H	J	K	L	
STD.	3.702	16.392	13.089	13.850	2.25	
EXPRY./FRWY.	4.943	21.858	17.413	18.494	3	
OVRSZ.	5.564	24.578	19.454	20.195	3	

SIGN DESIGNATION: W3-4 [D]



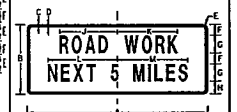
SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	10	12	9	15
EXPRY./FRWY.	48	.75	1.25	1.175	18	10.75	19.25
	H	J	K	L	M	N	P
STD.	9	9	2.25	2	3 E	1	12 C
EXPRY./FRWY.	12	12	3	2.25	4 E	1.25	15 C
	Q	R	S	T	U	V	
STD.	7	7	7	7	7	2.25	
EXPRY./FRWY.	9.327	9.327	9.327	9.327	9.327	3	

SIGN DESIGNATION: W3-5 [D]



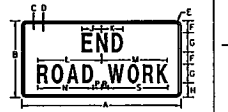
SIGN	A	B	C	D	E	F	G
STD.	36	.625	.875	2.5	50m	3.625	6.892
EXPRY./FRWY.	48	.75	1.25	3.5	70m	4.625	23.557
OVRSZ.	60	.75	1.25	4	80m	6	27.019
	H	J	K	L	M		
STD.	8.726	5.4 C	2.25	VAR	VAR		
EXPRY./FRWY.	12.209	6.3 C	3	VAR	VAR		
OVRSZ.	13.944	5.4 C	3	VAR	VAR		

SIGN DESIGNATION: W3-5a [D]



SIGN	A	B	C	D	E	F	G	H
STD.	60	24	.625	.625	1.5	6C	60m	4.5
	J	K	L	M				
STD.	21.75	21.75	15.25	15.25				

SIGN DESIGNATION: G20-1 [D]



SIGN	A	B	C	D	E	F	G	H
STD.	48	24	.75	.625	1.5	3.15	60m	4.5
	J	K	L	M	N	P	R	S
STD.	6.92	6.92	21.87	21.87	19.74	12.40	11.63	20

SIGN DESIGNATION: G20-2a [D]

SIGN	A	B	C	D	E	F	G	H
STD.	42	18	.375	.625	1.5	2.5	50m	2.15
	J	K	L	M	N	O	P	R
STD.	11.22	.875	2.5	12.11	13.67	4.45	3.25	7.81

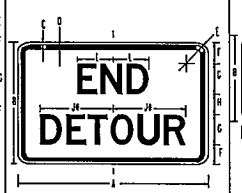
SIGN DESIGNATION: G20-4 [D]

	W31-4a	W31-5	W3-4	W3-5	W3-5a	G20-1	G20-2a	G20-4
REFLECTORIZATION	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	BORDER & ARROW SYMBOL BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)
SIGN COLORS	LEGEND,BORDER --- BLACK; BACKGROUND --- FLUORESCENT ORANGE	LEGEND,BORDER --- BLACK; BACKGROUND --- FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND --- FLUORESCENT ORANGE	BORDER & ARROW SYMBOL BLACK; BACKGROUND --- FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND --- FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY	STD.	STD. EXPRY.	STD. EXPRY./FRWY. OVRSZ.	STD. EXPRY./FRWY.	STD. EXPRY./FRWY. OVRSZ.	STD.	STD.	STD.
SQUARE FEET	10.00	9.00 16.00	9.00 16.00 25.00	9.00 16.00	9.00 16.00 25.00	10.00	8.00	5.25

LEGEND

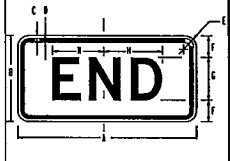
SIGN	A	B	C	D	E	F	G
STD.	24	12	.375	.625	1.5	3	60m
EXPRY.	30	15	.375	.625	1.5	3.5	80m
	H	J					
STD.	9.188	9.563					
EXPRY.	12.25	12.75					

SIGN DESIGNATION: M4-8 [D]



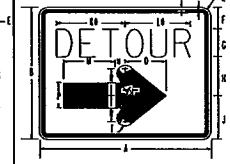
SIGN	A	B	C	D	E	F	G
STD	36	24	.375	.625	1.5	4	60m
	H	J	K	L			
STD	4	13.75	9.563	6.75			

SIGN DESIGNATION: M4-8a [D]



SIGN	A	B	C	D	E	F	G
STD	24	12	.375	.625	.5	3	60m
	H						
STD	8.438						

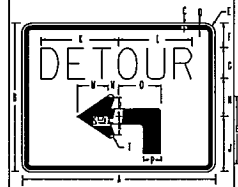
SIGN DESIGNATION: M4-8b [D]



NOTE: DIRECTION OF ARROW MAY BE LEFT OR RIGHT AS NEEDED

SIGN	A	B	C	D	E	F	G
STD.	30	24	.375	.625	1.5	4	50m
	H	J	K	L	M	N	O
STD.	7	8	11.50	12	9	1.875	7.125
	P	R	S	T			
STD.	4.5	4	.563	1.5			

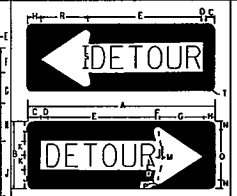
SIGN DESIGNATION: M4-9 [D]



NOTE: DIRECTION OF ARROW MAY BE LEFT OR RIGHT AS NEEDED

SIGN	A	B	C	D	E	F	G
STD.	30	24	.375	.625	1.5	4	50m
	H	J	K	L	M	N	O
STD.	6	9	12	12	5.25	1.188	6.5
	P	R	S	T			
STD.	2.625	3	.375	1.5			

SIGN DESIGNATION: M4-9b [D]



* OVERSIZE IS FOR USE ON BARRICADES

SIGN	A	B	C	D	E	F	G
STD.	48	18	3	2	27.75	.5	12
EXPRY.	60	24	4	4.25	32.16	4.875	15.25
	H	J	K	L	M	N	O
STD.	2.75	4.875	4.125	11.125	.75	2.25	13.5
EXPRY.	3.375	6.75	5.188	1.688	1	3.438	17.25
	P	R	S	T			
STD.	1.25	12.5	60m	1.5			
EXPRY.	1.5	20.25	70m	3			

SIGN DESIGNATION: M4-10 [D]

	M4-8	M4-8a	M4-8b	M4-9	M4-9b	M4-10
REFLECTORIZATION	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)
SIGN COLORS	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK; BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY	STD. EXPRY.	STD.	STD.	STD.	STD.	STD. EXPRY.
SQUARE FEET	2.00 3.13	6.00	2.00	5.00	5.00	6.00 10.00

* LETTER SPACING TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

Dm-- Lettering shall be a "Modified D" Series.

(A) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "II" OR "III"
(B) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III" OR "IV"
(C) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III", "IV" OR "VIII"
(D) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV" OR "VIII"
(E) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", VIII" OR "IX"
(F) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "VIII" OR "IX"

* NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

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3. Updated to MUTCD 2003. Added, Deleted & Rearranged Signs 06-24-05 by R.A.A.
4. Adjusted retroreflectivity designation and sign designs on various sign sheets on 10-10-06 by R.A.A.
5. Updated on Retroreflective Sheeting Type VII designations on 02-11-10 by J.F.T.

DRAWN BY: ____
DATE DRAWN: 12-09-87

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

STANDARD HIGHWAY SIGNS

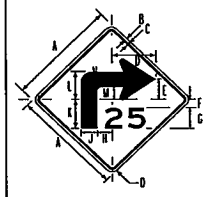
SPECIAL DRAWING NO.: SPECIAL PROJECT DETAIL
INDEX NO.: 1327

NOT TO SCALE

1327spd_032410.dgn 6/22/2010 12:16:51 PM

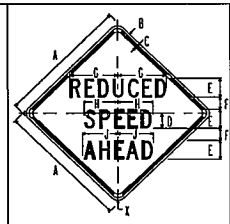
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
		7E

LEGEND

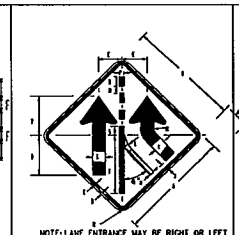


NOTE: DIRECTION OF ARROW MAY BE LEFT OR RIGHT

SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G	H
STD.	36	.625	.875	13.375	6.625	2.938	16	5.438
EXPWY.	48	.75	1.5	18.625	9.125	5.063	16	7.625
	J	K	L	M	N	P	Q	
STD.	5	10.063	9.063	4.125	4	5	2.25	
EXPWY.	7	14.063	12.625	5.813	5.625	7	8	3

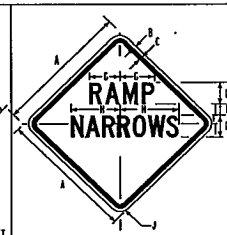


SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
MIN.	30	.5	.75	3	40	2	11.625
STD.	36	.625	.875	4.5	50	2.5	14.61
EXPWY./FRWY.	48	.75	1.25	5	60	4	17.53
	H	J	K				
MIN.	8.155	8.72	1.875				
STD.	10.195	10.9	2.25				
EXPWY./FRWY.	12.23	13.08	3				

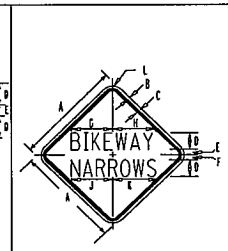


NOTE: LANE ENTRANCE MAY BE RIGHT OR LEFT

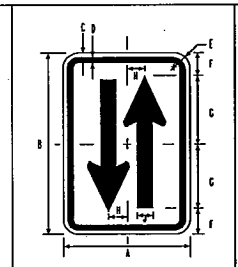
SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
STD.	36	.625	.875	12.75	7.5	18	4.125
EXPWY./FRWY.	48	.75	1.25	17	10	24	5.5
	H	J	K	L	M	N	O
STD.	1.5	3	4.125	11.813	3	2.25	3
EXPWY./FRWY.	2	4	5.5	15.75	4	3	4
	P	Q	R				
STD.	1.5	2.25	3				
EXPWY./FRWY.	2	3	4				



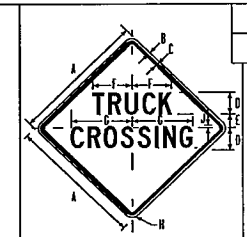
SIGN	DIMENSIONS (INCHES) A	B	C	D	F	F	G
STD.	36	.625	.875	60m	3	2.625	10.594
EXPWY.	48	.75	1.25	80m	4	3.438	14.063
	H	J					
STD.	18.625	2.25					
EXPWY.	24.813	3					



SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
BIKEWAY	18	.375	.625	30	1	.625	6.5
	H	J	K	L			
BIKEWAY	7.125	6.75	1.5	1.5			



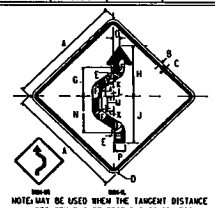
SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
STD.	12	18	.375	.625	1.5	2	7
	H	J					
STD.	2	1.75					



SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
STD.	36	.625	.875	60m	3.5	12	18.375
EXPWY.	48	.75	1.25	80m	5	16.188	24.5
	H	J					
STD.	2.25	.75					
EXPWY.	3	1					

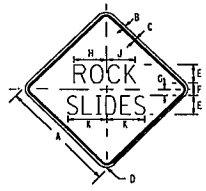
SIGN DESIGNATION	W1-9 D	W3-5b D	W4-3 D	W5-4 D	W5-4a D	W6-4 D	W8-6 D
REFLECTORIZATION	LEGEND, BORDER BACKGROUND (REFL.)	LEGEND, BORDER BACKGROUND (REFL.)	LEGEND, BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)
SIGN COLORS	LEGEND, BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND, BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND, BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE
PAY QUANTITY	STD. / EXPWY.	MIN. / STD. / EXPWY./FRWY.	STD. / EXPWY./FRWY.	STD. / EXPWY.	BIKE	STD.	STD. / EXPWY.
SQUARE FEET	9.00 / 16.00	6.25 / 9.00 / 16.00	9.00 / 16.00	9.00 / 16.00	2.25	1.50	9.00 / 16.00

LEGEND

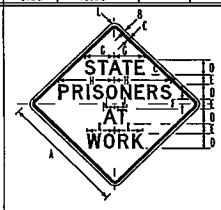


NOTE: MAY BE USED WHEN THE TANGENT DISTANCE BETWEEN TWO REVERSE CURVES IS LESS THAN 600 FEET.

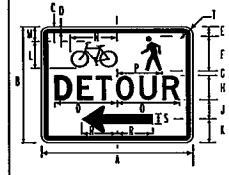
SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G	H
MIN.	30	.5	.75	1.90	2.16	3.5	6.5	16
STD.	36	.625	.875	2.20	2.315	4	8.25	18
EXPWY./FRWY.	48	.75	1.25	3.10	4.12	6	11.5	27
	J	K	L	M	N	P	Q	
MIN.	14.5	2.75	1.562	4	11	2.437	1.95	
STD.	17.5	3.25	1.875	4.5	13	2.75	2.33	
EXPWY./FRWY.	24.75	4	2.90	6.80	18.5	3.90	2.75	



SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
STD.	36	.625	.875	2.25	70m	5	2.5
EXPWY.	48	.75	1.25	3	90m	6	3
	H	J	K				
STD.	14.25	14.25	15				
EXPWY.	18.31	18.31	19.5				



SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
STD.	36	.625	.875	40m	3	1.5	8.063
EXPWY.	48	.75	1.25	60m	4	2	12.125
	H	J	K	L			
STD.	15.438	3.125	7.875	2.25			
EXPWY.	23.25	4.15	11.563	3			



SIGN	DIMENSIONS (INCHES) A	B	C	D	E	F	G
STD.	30	24	.5	.75	2	7.25	1
	H	J	K	L	M	N	P
STD.	50	3.75	5	5.315	3.125	9	8.5
	Q	R	S	T			
STD.	12.125	1	2	1.875			

SIGN DESIGNATION	W24-1L D	W31-1a D	W33-1 D	M4-9a D		
REFLECTORIZATION	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER BACKGROUND (REFL.)	LEGEND,BORDER,SYMBOL BACKGROUND (REFL.)		
SIGN COLORS	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER BLACK BACKGROUND FLUORESCENT ORANGE	LEGEND,BORDER,SYMBOL BLACK BACKGROUND FLUORESCENT ORANGE		
PAY QUANTITY	MIN. / STD. / EXPWY./FRWY.	STD. / EXPWY.	STD. / EXPWY.	STD.		
SQUARE FEET	6.25 / 9.00 / 16.00	9.00 / 16.00	9.00 / 16.00	5.00		

✳ LETTER SPACING OR SYMBOL TO BE INCREASED OR DECREASED AS NECESSARY TO CONFORM TO DIMENSIONS INDICATED.

Dm-- Lettering shall be a "Modified D" Series.

Em LETTERING SHALL BE "MODIFIED E" SERIES.

(A) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "II" OR "III"
(B) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III" OR "IV"
(C) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "III", "IV", OR "VIII"
(D) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV" OR "VIII"
(E) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "IV", VIII" OR "IX"
(F) THIS SIGN SHALL BE FABRICATED USING REFLECTIVE SHEETING TYPE "VIII" OR "IX"

•NOTE: SYMBOL DESIGN AVAILABLE ON REQUEST

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS
1. Deleted all Reflective Sheeting Type VII designations on 02-11-10 by J.F.T.

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

STANDARD HIGHWAY SIGNS

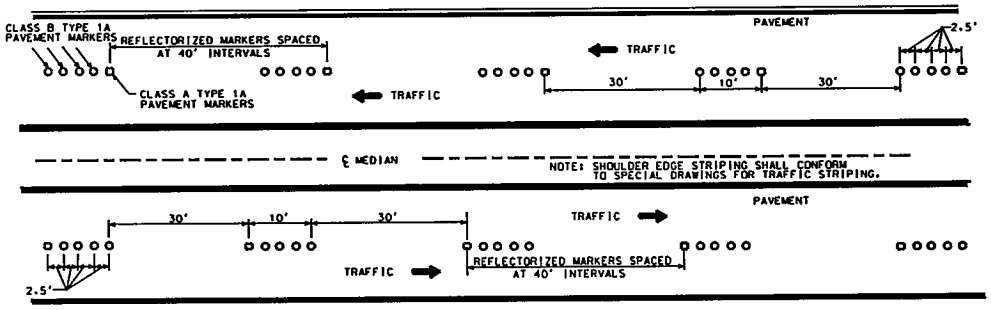
Bureau Std. Engr. L.V.S.
DRAWN BY: J.F.T. DATE DRAWN: 04-20-07

SPECIAL DRAWING NO.
SPECIAL PROJECT DETAIL

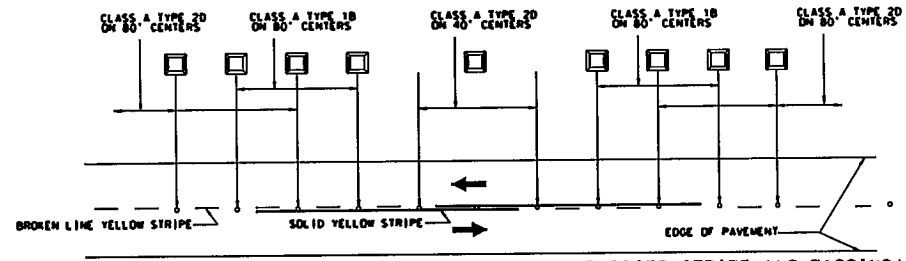
INDEX NO.
1328

NOT TO SCALE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ST-051-271-003	2010	8



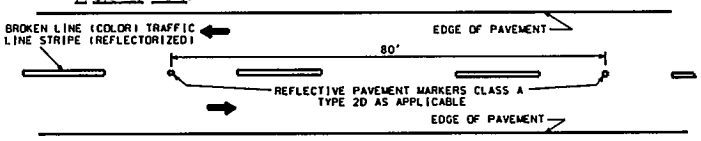
SCHEME SHOWING LOCATION OF PAVEMENT MARKERS WHEN USED IN LIEU OF TRAFFIC STRIPE



TYPICAL APPLICATION OF PAVEMENT MARKERS WITH BARRIER STRIPE (NO PASSING)

(FOR 2 LANE HIGHWAY)

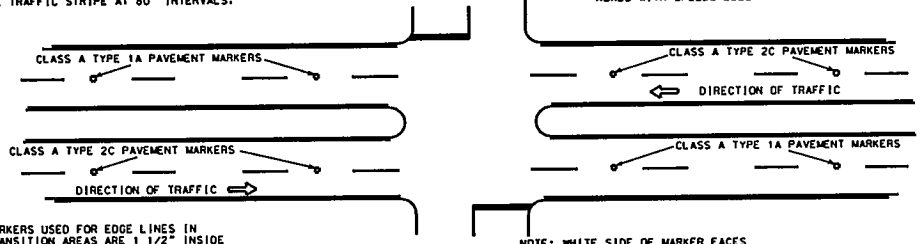
NOTE: DEPARTMENTAL POLICY STATES: CERAMIC MARKERS SHOULD BE USED IN LIEU OF OTHER STRIPING MATERIALS TO FORM CENTERLINES AND LANE LINES ON CONCRETE PAVEMENT IN LIGHTED AREAS.



SCHEME SHOWING REFLECTIVE PAVEMENT MARKERS WHEN USED TO SUPPLEMENT TRAFFIC LINE STRIPE

NOTE: REFLECTIVE PAVEMENT MARKERS PLACED ON CENTERLINE SHALL BE LOCATED APPROXIMATELY AT MIDPOINT BETWEEN THE ENDS OF BROKEN LINE TRAFFIC STRIPE AT 80' INTERVALS.

NOTE: STRIPE TO GAP RATIO OF 15' STRIPE AND 25' GAP MAY BE USED ON STREETS AND ROADS WITH SPEEDS LESS THAN 45 MPH.

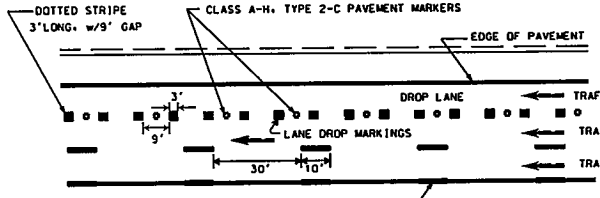


NOTE: MARKERS USED FOR EDGE LINES IN TRANSITION AREAS ARE 1 1/2" INSIDE OF EDGE LINE STRIPE. THE FINAL LOCATION SHALL BE AS MARKED BY THE ENGINEER.

NOTE: WHITE SIDE OF MARKER FACES DIRECTION OF TRAFFIC

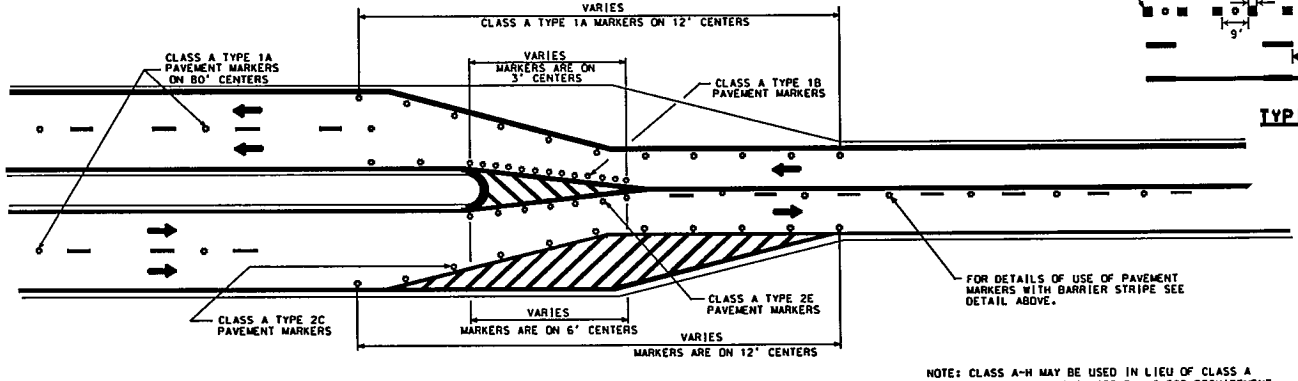
4 LANE INTERSECTION

TYPICAL APPLICATION OF CLASS A TYPE 2-C PAVEMENT MARKERS



TYPICAL DROP LANE

NOTE: MARKERS PLACED ON LANE DROP MARKING SHALL BE LOCATED APPROXIMATELY AT MIDPOINT BETWEEN THE ENDS OF DOTTED STRIPE AT 24' INTERVALS.



TRANSITION FROM 2 LANES TO 4 LANES

NOTE: CLASS A-H MAY BE USED IN LIEU OF CLASS A PAVEMENT MARKERS. SEE PLANS FOR REQUIREMENT.

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CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS
1. Changed spacing of pavement markers. 06-09-98 by C.A.S.
2. Changed spacing of pavement markers and added link note 03-06-99 by J.F.T.
3. Added Drop Lane Pavement Markers sheet on 10-2-08 by W.P.A.

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

DETAILS SHOWING APPLICATION OF PAVEMENT MARKERS

DRAWN BY: _____
DATE DRAWN: 1-21-91

SPECIAL DRAWING NO.
SPECIAL PROJECT DETAIL

INDEX NO.
1028

NOT TO SCALE

PM-705-2 spec detail.dgn 8/2/2010 3:33:24 PM