



STATE OF LOUISIANA

Competitive Contract

Vendor: 310001584
Company
3M COMPANY
3M CENTER BLDG 235-3A-09
ST PAUL MN 55144-1000
Phone : 800-553-1380

T Number:
Version: 1
LAPS Contract: No
Fiscal Year: 2016
Min.Ord.Value: 0.00
Distributor Contract: No
PCard:No
Co-op Agreement:Yes

Contract number: 4400008950
Description: DOTD Contract-Type X Sheeting & Related

Buyer Information
Name: JULIE KENNISON
Tel Number: 225-379-1424
Email: julie.kennison@la.gov

SEBD Vendor: No
SEHI Vendor: No
VSE Vendor: No
DVSE Vendor: No
Contract Valid Dates:
04/23/2016 - 04/22/2017

Supplier Text: Annual contract to furnish DOTD Type X Reflective Film Sheeting and Related Items for a period of twelve (12) months to be effective April 23, 2016 through April 22, 2017.

At the option of the Department of Transportation and Development and acceptance by the contractor, this contract may be extended for two (2) additional twelve (12) month periods at the same terms, prices and conditions. Contract not to exceed thirty-six (36) months.

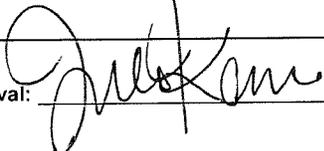
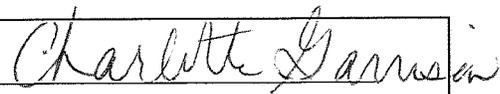
Prior to exercising the department's option to extend the contract, the department will determine if an extension is in the best interest of the department, taking into consideration current market trends, cost factors, price comparison with similar service in other states and various other factors as determined by the DOTD procurement director.

The Department of Transportation and Development reserves the right to cancel this contract with thirty (30) days written notice.

This is not an order. The quantities listed below are estimated usage only. No quantities are guaranteed. Only actual quantities needed will be ordered by DOTD. In the event a greater or lesser quantity is needed, the right is reserved by DOTD to increase or decrease the amount at the unit price below.

Attached is a copy of Special Conditions and Specifications, MS Specification 435-002, Revised 2/12/16, MS Specification 435-003, Revised 02/21/14, and Approved Materials List (AML) for Reflective Sheeting, DOTD Type X, Permanent.

NOTE: This contract shall be construed in accordance with and governed by the Laws of the State of Louisiana,

Recommending Approval:  Approved by: 

Contract number: 4400008950 T Number:	Vendor: 310001584 Distributor Contract: NO	Page 2 of 14
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including but not limited to DOTD Purchasing Rules and Regulations, Special Conditions and Specifications. No additional terms and conditions are allowed.

NOTE: Refer to standard terms and conditions herein for additional instructions.

Products are subject to laboratory testing before final acceptance.

ESTIMATED DELIVERY: 20-30 Days

DELIVERY INSTRUCTIONS: Deliveries accepted Monday through Friday, 7:00 AM - 3:30 PM except for holidays, weekends or times of disaster. Vendor must call (225) 935-0179 or (225) 935-0170 at least twenty-four (24) hours prior to delivery.

PAYMENT: In an effort to increase efficiencies and effectiveness as well as be strategic in utilizing technology and resources, DOTD strongly encourages vendors to participate in accepting Electronic Funds Transfer (EFT) payments.

EFT payments are sent from the State's bank directly to the payee's bank each weekday. The only requirement is that you have an active checking or savings account at a financial institution that can accept Automated Clearing House (ACH) credit files and remittance information electronically. Additional information is available at <http://www.doa.louisiana.gov/OSRAP/EFTforWebsite.pdf>

Notice to Vendor:

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
1	12026 3 M Company #1172 Red	FILM, EC, F/DOTD TYPE X, RED, 30 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS. MS SPEC MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.25000	
2	12027 3 M Company #1172 Red	FILM, EC, F/DOTD TYPE X, RED, 36 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT ROLL MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.67000	
3	12029 3 M Company #1175 Blue	FILM, EC, F/DOTD TYPE X, BLUE, 30 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.25000	

Line	Material No. Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
4	12030 3 M Company #1175 Blue	FILM, EC, F/DOTD TYPE X, BLUE, 36 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.67000	
5	12031 3 M Company #1179 Brown	FILM, EC, F/DOTD TYPE X, BROWN, 36 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.67000	
6	12032 3 M Company #1179 Brown	FILM, EC, F/DOTD TYPE X, BROWN, 48 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	3.56000	
7	12033 3 M Company #1177 Green	FILM, EC, F/DOTD TYPE X, GREEN, 30 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.25000	
8	12034 3 M Company #1177 Green	FILM, EC, F/DOTD TYPE X, GREEN, 36 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.67000	
9	12035 3 M Company #1171 Yellow	FILM, EC, F/DOTD TYPE X, YELLOW, 30 IN PLASTIC GRAPHIC, TRANSPARENT, NONREFLECTIVE, 150 FT. ROLLS MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.25000	
10	12046 3 M Company #3935 Blue	SHEETING, DOTD TYPE X, BLUE 12.75 IN. FILM, REFLECTIVE, 300 FOOT ROLLS. DOTD MS SPEC 435-002	55121700	LF	1.28000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
		REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent				
11	12047 3 M Company #3935 Blue	SHEETING, DOTD TYPE X, BLUE, 18 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	1.80000	
12	12048 3 M Company #3935 Blue	SHEETING, DOTD TYPE X, BLUE, 24 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	2.40000	
13	12049 3 M Company #3935 Blue	SHEETING, DOTD TYPE X, BLUE, 30 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.00000	
14	12050 3 M Company #3935 Blue	SHEETING, DOTD TYPE X, BLUE, 36 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.60000	
15	12051 3 M	SHEETING, DOTD TYPE X, BLUE, 42 IN.	55121700	LF	4.20000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
	Company #3935 Blue	FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent				
16	12052 3 M Company #3935 Blue	SHEETING, DOTD TYPE X, BLUE, 48 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	4.80000	
17	12059 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 12.75 IN FILM, REFLECTIVE, 300 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	1.28000	
18	12060 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 18 IN. FILM, REFLECTIVE, 150 FOOT ROLLS. DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	1.80000	
19	12061 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 24 IN, FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	2.40000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
20	12062 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 30 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.00000	
21	12063 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 36 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.60000	
22	12064 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 42 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	4.20000	
23	12065 3 M Company #3937 Green	SHEETING, DOTD TYPE X, GREEN, 48 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	4.80000	
27	12069 3 M Company #3932 Red	SHEETING, DOTD TYPE X, RED, 18 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	1.80000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
28	12070 3 M Company #3932 Red	SHEETING, DOTD TYPE X, RED, 24 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	2.40000	
29	12074 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 1 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	0.10000	
30	12075 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 1.25 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	0.13000	
31	12076 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 2 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	0.20000	
32	12078 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 12 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting,	55121700	LF	1.20000	

Line	Material No. <hr style="border-top: 1px dashed black;"/> Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
		DOTD Type X, Permanent				
33	12079 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 12.75 IN. FILM, REFLECTIVE, 300 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	1.28000	
34	12080 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 21 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	2.10000	
35	12081 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 24 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	2.40000	
36	12082 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 30 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.00000	
37	12083 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 36 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16.	55121700	LF	3.60000	

Line	Material No. <hr style="border-top: 1px dashed black;"/> Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
		Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent				
38	12084 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 40 IN. FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	4.00000	
39	12085 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 48 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	4.80000	
40	50591 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 1/2 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	0.05000	
41	50593 3 M Company #3930 White	SHEETING, DOTD TYPE X, WHITE, 3/4 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	0.08000	
42	12086 3 M Company #3931 Yellow	SHEETING, DOTD TYPE X, YELLOW, 12.75 IN FILM, REFLECTIVE, 300 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16.	55121700	LF	1.28000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
		Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent				
43	12089 3 M Company #3931 Yellow	SHEETING, DOTDTYPE X, YELLOW, 30 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.00000	
44	12090 3 M Company #3931 Yellow	SHEETING, DOTD TYPE X, YELLOW, 36 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	3.60000	
45	12092 3 M Company #3931 Yellow	SHEETING, DOTD TYPE X, YELLOW, 48 IN FILM, REFLECTIVE, 150 FOOT ROLLS DOTD MS SPEC 435-002 REVISED 2/12/16. Must be listed on AML for Reflective Sheeting, DOTD Type X, Permanent	55121700	LF	4.80000	
46	12093 3 M Company #180C-12 Black	SHEETING, BLACK, N/R, 3/8 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	0.03000	
47	12094 3 M Company #180C-12 Black	SHEETING, BLACK, N/R, 5/8 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	0.05000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
48	12095 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,7/8 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	0.07000	
49	12096 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,1 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	0.06000	
50	12097 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,1.25 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	0.10000	
51	12098 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,2 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	0.12000	
52	12099 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,18 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	1.05000	
53	12100 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,21 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	1.26000	

Line	Material No. <hr style="border: none; border-top: 1px dashed black; margin: 2px 0;"/> Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
54	12101 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,24 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	1.40000	
55	12102 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,30 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	1.75000	
56	12103 3 M Company #180C-12 Black	SHEETING,BLACK,N/R,36 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.10000	
57	12104 3 M Company #180C-12 Black	SHEETING,BLACK N/R,48 IN X 150 FT FILM, NON-REFLECTIVE W/CONTROLTAC ADHESIVE MS SPEC 435-003 REVISED 2/21/14	55121700	LF	2.80000	
58	12222 3 M Company #885I Black	PASTE,F/SHEETING,BLACK,GAL/CAN PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14	55121700	GAL	0.00000	
59	12223 3 M Company #883I Blue	PASTE,F/SHEETING,BLUE,GAL/CAN PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14	55121700	GAL	0.00000	
60	12224 3 M Company #887I Brown	PASTE,F/SHEETING,BROWN,GAL/CAN PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14	55121700	GAL	0.00000	
61	12225	PASTE,F/SHEETING,GREEN,GAL/CAN	55121700	GAL	0.00000	

Line	Material No. ----- Supplier Part No.	Description	Prod. Cat.	UOM	Net Price	Discount
	3 M Company #888I Green	PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14				
62	12226 3 M Company #882I Red	PASTE,F/SHEETING,RED,GAL/CAN PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14	55121700	GAL	0.00000	
63	12227 3 M Company #884I Yellow	PASTE,F/SHEETING,YELLOW,GAL/CAN PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14	55121700	GAL	0.00000	
64	12228 3 M Company #891I Thinner	THINNER,PROCESS PASTE,F/SHEETING PASTE PROCESS AND THINNER, MS SPEC 435-003 REVISED 2/21/14	55121700	GAL	0.00000	
65	3 M Company #HINW Washers	WASHER,NYLON W/ 3/8 IN HOLE	55121700	EA	0.00000	
66	3 M Company #SCW568 Slip Shtg	SLIP-SHEETING PRE-CUT TO SIZE	55121700	FT2	0.00000	

Contract number: 4400008950 T Number:	Vendor: 310001584 Distributor Contract: NO	Page 14 of 14
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Standard Terms and Conditions

1. THIS IS NOT AN ORDER TO SHIP (OR BEGIN SERVICE). A CONTRACT RELEASE OR PURCHASE ORDER MUST BE ISSUED BEFORE YOU ARE AUTHORIZED TO SHIP (OR BEGIN SERVICE).
2. THIS IS NOTICE THAT THE CONTRACT REFERENCED ABOVE HAS BEEN AWARDED TO YOU BASED ON THE BID (OR PROPOSAL) SUBMITTED. ALL TERMS, CONDITIONS, AND SPECIFICATIONS OF THE SOLICITATION WILL APPLY TO ALL ORDERS.
3. ANY AGENCY AUTHORIZED TO PURCHASE FROM THIS CONTRACT MUST ISSUE AN ORDER AND REFERENCE THE CONTRACT NUMBER, LINE NUMBER AND COMMODITY ITEM NUMBER FOR EACH ITEM.
4. CHANGES IN ITEMS TO BE FURNISHED ARE NOT PERMITTED (UNLESS APPROVED BY THE ISSUING AGENCY PRIOR TO DELIVERY). PRIOR APPROVAL MUST ALSO BE OBTAINED BEFORE DISTRIBUTORS CAN BE ADDED OR DELETED.
5. IF A DISTRIBUTOR LIST WAS SUBMITTED, CONTRACTOR MUST SEND COPIES OF THIS AWARD TO EACH DISTRIBUTOR.
6. QUANTITIES LISTED ARE ESTIMATED AND NO QUANTITIES ARE GUARANTEED (UNLESS "COMMITTED VOLUME" IS SPECIFICALLY STATED). CONTRACTOR MUST SUPPLY ACTUAL REQUIREMENTS ORDERED AT THE CONTRACT PRICE AWARDED.
7. COMPLIANCE WITH CIVIL RIGHTS LAWS.

THE CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS OF THE FOLLOWING AS APPLICABLE: TITLE IV AND TITLE VII OF THE CIVIL RIGHTS ACT OF 1964, AS AMENDED BY THE EQUAL OPPORTUNITY ACT OF 1972, FEDERAL EXECUTIVE ORDER 11246, THE FEDERAL REHABILITATION ACT OF 1973, AS AMENDED, THE VIETNAM ERA VETERAN'S READJUSTMENT ASSISTANCE ACT OF 1974, TITLE IX OF THE EDUCATION AMENDMENTS OF 1972, THE AGE ACT OF 1975, AND CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF 1990. CONTRACTOR AGREES TO NOT TO DISCRIMINATE IN ITS EMPLOYMENT PRACTICES, AND WILL RENDER SERVICES UNDER THIS AGREEMENT AND ANY CONTRACT ENTERED INTO AS A RESULT OF THIS AGREEMENT, WITHOUT REGARD TO RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, VETERAN STATUS, POLITICAL AFFILIATION, OR DISABILITIES. ANY ACT OF DISCRIMINATION COMMITTED BY CONTRACTOR OR FAILURE TO COMPLY WITH THESE STATUTORY OBLIGATIONS WHEN APPLICABLE SHALL BE GROUNDS FOR TERMINATION OF THIS AGREEMENT AND ANY CONTRACT ENTERED INTO AS A RESULT OF THIS AGREEMENT.

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIAL CONDITIONS AND SPECIFICATIONS
FOR FURNISHING
DOTD TYPE X REFLECTIVE FILM SHEETING AND RELATED ITEMS

Please read the following instructions and special conditions and specifications carefully. Any deviation may cause your bid to be disqualified.

CONTRACT

Contract for furnishing DOTD Type X Reflective Film Sheeting and Related Items as requested in accordance with provisions set forth for the twelve (12) month period as specified herein.

The continuation of this contract is contingent upon the appropriation of funds to fulfill the requirements of the contract by the legislature. If the legislature fails to appropriate sufficient monies to provide for the continuation of a contract, or if such appropriation is reduced by the veto of the Governor or by any means provided in the Appropriations Act or Title 39 of the Louisiana Revised Statutes of 1950 to prevent the total appropriation for the year from exceeding revenues for that year, or for any other lawful purpose, and the effect of such reduction is to provide insufficient monies for the continuation of the contract, the contract shall terminate on the date of the beginning of the first fiscal year for which funds are not appropriated.

PURPOSE AND INTENTION

The purpose and intention of this invitation to bid is to comply with State laws and establish a contract between the Department and the successful bidder, whereby the Department may purchase DOTD Type X Reflective Film Sheeting and Related Items from the contractor as shown herein.

CONTRACT FORM

The contract form in its entirety shall become a part of the contract upon execution by the Department. Bidder shall fill in this form completely and shall sign in the appropriate places and return to the Procurement Section of the Department of Transportation and Development before the time set for receiving contracts on the front hereof. Bidders should return entire proposal. Bidders are advised that bids mailed through the U.S. Postal Service to our post office box are received at the Baton Rouge Main Post Office and are picked up by the Division of Administration and then routed to the Department of Transportation and Development; therefore, extra delivery time is needed in order for bids to be received and time-stamped in our office before the bid deadline.

Bids may be mailed through the U.S. Postal Service to our box at:

DOTD Procurement Section
Headquarters Administration
4th Floor East Wing S-447
P. O. Box 94245
Baton Rouge, LA 70804-9245

Bids may be delivered by hand or courier service to our physical location as follows:

DOTD Procurement Section
Headquarters Administration
4th Floor East Wing S-447
1201 Capitol Access Road
Baton Rouge, LA 70802

Bidders are solely responsible for ensuring that its courier service provider makes inside deliveries to our physical location. The DOTD Procurement Office is not responsible for any delays caused by the bidder's chosen means of delivery. Bidder is solely responsible for the timely delivery of its bid. Failure to meet the bid opening date and time shall result in rejection of the bid. **Note: The time set for receiving proposals is Central Standard Time (CST).**

SCOPE OF WORK

Scope of work includes labor, materials, and services required to produce DOTD Type X Reflective Film Sheeting and Related Items which are acceptable to the Department of Transportation and Development.

QUANTITIES

No specific quantities are given or guaranteed, only such DOTD Type X Reflective Film Sheeting and Related Items as required by the Department of Transportation and Development during the contract period will be ordered.

The successful bidder must supply at bid price actual quantities as ordered whether the total of such quantities are more or less than the quantities shown in the Bid Schedule.

Bids which specify a minimum delivery will not be considered for award.

SPECIFICATIONS

In order to establish a standard of quality, DOTD Type X Reflective Film Sheeting and Related Items furnished under this proposal must meet DOTD specifications listed in all applicable sections of MS Specification 435-002, Revised 2/12/16 and MS Specification 435-003, Revised 2/21/14 and have prior approval before being

considered for award.

All Reflective Sheeting covered by this contract must be listed on the Approved Materials List (AML) for Reflective Sheeting, DOTD Type X, Permanent prior to bid opening to be considered for award.

Bidder quoting on DOTD Type X Reflective Film Sheeting and Related Items should furnish a material performance certification with their bid stating the performance life according to performance requirements listed in MS Specification 435-002, Revised 2/12/16. Successful contractor will be required to furnish a material performance certification prior to award. Failure of the product within the stipulated time period will result in the contractor replacing all materials in kind in addition to reimbursing the Department for all costs involved in the removal, refurbishing and reinstalling of signs which are found to be defective.

All non-reflective film sheeting, sign enamels, paints, silk screen paste and overlay film under this contract must meet MS Specification 435-003, Revised 2/21/14.

Please note, non-reflective film, sign enamels, paints, silk screen paste and overlay film sheeting under this contract are not listed on the AML for Reflective Sheeting, DOTD Type X, Permanent.

STANDARDS OF QUALITY

Any product or service bid shall conform to all applicable Federal and State laws and regulations and the specifications contained herein. Unless otherwise specified herein, any manufacturer's name, trade name, brand name, or catalog number used in the specification is for the purpose of describing the standard of quality, performance, and characteristics desired and is not intended to limit or restrict competition. Bidder must specify the brand and model number of the product offered in his bid. Bids not specifying brand and model number shall be considered as offering the exact products specified herein.

DESCRIPTIVE LITERATURE

Bidders proposing an equivalent brand or model should submit with the bid information such as illustrations, descriptive literature, and/or technical data sufficient for the Department of Transportation and Development to evaluate quality, suitability and compliance with the specifications specified herein. Failure to submit descriptive information may cause bid to be rejected. Any change made to a manufacturer's published specifications submitted for a product shall include verification by the manufacturer. If items bid do not fully comply with specifications, bidder must state in what respect items deviate. Failure to note exceptions will be considered indication that the items meet specifications in all respects.

INSTRUCTION, TRAINING AND CERTIFICATION

The manufacturer supplying the reflective sheeting shall provide the services of a qualified technician for instructions and training at the Traffic Operations Section,

7686 Tom Drive, Baton Rouge, Louisiana. This instruction shall be eight (8) hours per class and be available a minimum of two (2) classes per contract year for a total of sixteen (16) hours of instruction. Any and all expenses associated with this instruction shall be furnished at no charge. This instruction shall be available within fourteen (14) calendar days of a written request by the Department. This instruction shall include, but not be limited to, training films, material application, equipment operation, silk screening techniques, packaging, storage and other proven Sign Shop practices as they apply to the reflective sheeting supplied by the manufacturer, and to assure resulting signs can comply with the application specification.

GUARANTEE AND LIABILITY

The contractor accepts the following guarantees:

- (1) Guarantee that the supplies delivered are free from defects in design and construction.
- (2) Guarantee that the supplies are the manufacturer's standard design in construction and that no changes or substitutions have been made in the items listed in this contract.

The contractor holds and saves the State, its officers, agents, and employees harmless from liability of any kind, including cost and expenses on account of any patented or unpatented invention, articles, devices or appliances manufactured or used in the performance of this contract, including use by the government.

The contractor agrees to replace free of charge all defective equipment, materials or supplies delivered under this contract. All transportation charges covering return and replacement shall be paid by the contractor.

PRICES

All prices quoted shall be in the unit of measure as shown on the Bid Schedule and shall remain firm for the contractual period. Unit price bid must not exceed two digits to right of decimal point. Unit price submitted beyond two digits will be rounded off to the nearest second digit.

Prices quoted shall include all costs incidental to any license or patent that may be held by any company processing the materials bid on and the dealer agrees to hold the Department of Transportation and Development harmless from any claims, suits, costs or penalties for infringement or use of licensed or patented products.

BID OPENING

Bids will be publicly opened and read but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined 72 hours after bid opening. Information pertaining to completed files may be secured by visiting the Department of Transportation and Development during normal working hours.

BASIS OF AWARD

The award of the contract will be made to the overall low bidder of the grand total as shown on the Bid Schedule. The grand total will be determined by multiplying the estimated annual usage times unit price. Unit price shall be per linear foot on all material master numbered sheeting items. The resulting totals will be added together to determine the overall low bidder.

The award of the contract will be made to the lowest responsible bidder complying with all details of this proposal as determined by the DOTD Procurement Director.

In the event an error is made in extending total prices, the unit price will govern.

Discounts will not be considered in determining low bidder.

DELIVERY

The successful bidder will be required to have on hand or immediately available an adequate supply of DOTD Type X Reflective Film Sheeting and Related Items in order to meet the Department's requirements, as ordered, where ordered, during the life of the contract.

Vendors accepting the Cooperative Purchase Agreement understand and agree that deliveries to other State Agencies, Political Subdivisions or Quasi Agencies will be on a statewide basis.

DAMAGE IN SHIPMENT

Shipments under this contract are F.O.B. destination and title to the goods remain with the contractor until accepted by the Department. However, the Department has a responsibility to report any damage immediately to the contractor. In all cases, a note of damage (except concealed damage) shall be noted on the freight bill at the time the shipment is received by the Department. In all cases where an adjustment is made by the contractor because of damage, the contractor shall issue a credit memorandum to the Department and shall not be required to ship the small quantities which were damaged.

PURCHASE ORDERS

Purchase Orders will be issued by the Department of Transportation and Development. Each Purchase Order will state an actual or estimated quantity that is required and all other pertinent data necessary to assist the contractor to make proper delivery. In no event shall delivery be made without proper authorization.

INVOICES

Upon each delivery and its acceptance by the Department, the contractor shall bill the Department by means of an invoice and such invoice shall make reference to the Purchase Order Number on which delivery was made.

At the time of delivery, the contractor is to make a delivery receipt on his own form

showing complete description, the exact quantity delivered, price and extension. Such delivery ticket must make reference to the Purchase Order Number.

Invoices shall be submitted by the contractor directly to the address shown on the Purchase Order.

Invoice price must agree with contract price.

PAYMENTS

Invoices will be paid by the Department within the discount period or within thirty calendar days from receipt of correct invoice. If contractor proposes a discount, discount period will start from receipt of correct invoice.

TAXES

The contractor is responsible for including all applicable taxes in the bid price.

State Agencies are exempt from all State and Local Sales and Use Taxes.

REJECTION OF BIDS

The Department of Transportation and Development reserves the right to reject any and all bids and/or waive any informalities.

EXTENSION OF CONTRACT

At the option of the Department and acceptance by the contractor, contract awarded under this proposal may be extended for two (2) additional (12) twelve month periods at the same prices, terms, and conditions. Contract not to exceed thirty-six (36) months.

Prior to exercising the Department's option to extend contract, the Department will determine if an extension is in the best interest of the Department, taking into consideration current market trends, cost factors, price comparison with similar service in other States and various other factors as determined by the DOTD Procurement Director.

TERMINATION OF CONTRACT

The Department reserves the right to terminate this contract prior to the end of the contract period upon giving a ten (10) day written notice to the contractor for unsatisfactory performance, unsatisfactory delivery, unsatisfactory service, failure to meet specifications, misrepresentation by the contractor, fraud, collusion, conspiracy or other unlawful means of obtaining any contract with the State, conflict of contract provisions with constitutional or statutory provisions of State or Federal Law, and/or any breach of contract.

The Department reserves the right to terminate this contract prior to the end of the contract period upon giving a thirty (30) day written notice to the contractor if it is

considered in the best interest of the Department.

Successful contractor may request cancellation of this contract upon giving thirty (30) day written notice to the DOTD Procurement Director.

All orders delivered prior to the effective date of such termination shall be paid for by the Department in accordance with the terms of the contract, whereupon all obligations of both parties to the contract shall cease.

In the event contract contains a provision entitled "Guarantees" such guarantees shall apply to all items delivered prior to termination.

DEFAULT OF CONTRACTOR

Failure to deliver within the time specified in the bid will constitute a default and may cause cancellation of the contract. Where the State has determined the contractor to be in default, the Department of Transportation and Development reserves the right to purchase any or all products or services covered by this contract on the open market and charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.

SIGNATURE OF BIDDER

To be considered for an award, all bidders shall fill in the contract form completely and shall sign in the appropriate places. Contract form should be returned in its entirety. Acceptance shall be made when signed by the DOTD Procurement Director and copy returned to the contractor.

APPLICABLE LAW

All contracts shall be construed in accordance with and governed by the Laws of the State of Louisiana, including but not limited to DOTD Purchasing Rules & Regulations, Special Instructions & Conditions and specifications listed in this proposal.

BIDDERS CERTIFICATION OF EEOC AND ADA COMPLIANCE

The Department of Transportation and Development and the State of Louisiana is an equal opportunity employer and looks to its contractors, subcontractors, vendors and suppliers to take affirmative action to affect this commitment in its operations.

By submitting and signing this bid, bidder certifies that he agrees to abide by the requirements of the following as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, Federal Rehabilitation Act of 1973, as amended, the Vietnam ERA Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, The Age Act of 1975, and bidder agrees to abide by the requirements of the Americans with Disabilities Act of 1990.

Bidder agrees not to discriminate in its employment practices and will render services under any contract entered into as a result of this solicitation without regard to race, color, religion, sex, sexual orientation, national origin, veteran status, political affiliation, or disabilities. Any act of discrimination committed by bidder, or failure to comply with these statutory obligations when applicable shall be grounds for termination of any contract entered into as a result of this proposal.

Bidder agrees to keep informed of and comply with all Federal, State and local laws, ordinances and regulations which affect his employees or prospective employees.

SPECIAL ACCOMMODATIONS

Any person who is a “qualified” individual with a disability as defined by the Americans With Disabilities Act who has submitted a bid on this procurement and who desires to attend the bid opening, must notify this office in writing no later than seven (7) working days prior to the bid opening date of their need for special accommodations. If the requested accommodations cannot be reasonably provided, the individual will be so informed prior to the bid opening date.

INDEMNITY

Contractor agrees, upon receipt of written notice of a claim or action, to defend the claim or action, or take other appropriate measures, to indemnify, and hold harmless, the State, its officers, its agents and its employees from and against all claims and actions for bodily injury, death or property damages caused by the fault of the contractor, its officers, its agents or its employees. Contractor is obligated to indemnify only to the extent of the fault of contractor, its officers, its agents, or employees.

However, the contractor shall have no obligations as set forth above with respect to any claim or action from bodily injury, death or property damages arising out of the fault of the State, its officers, its agents or its employees.

SIGNATURE AUTHORITY

Attention: R.S. 39:1594(C)(4) requires evidence of authority to sign and submit to the State of Louisiana. You must indicate which of the following apply to the signer of the bid.

1. The signer of this bid is either a corporate officer who is listed on the most current annual report on file with the Secretary of State or a member of a partnership or partnership in commendam as reflected in the most current partnership records on file with the Secretary of State. A copy of the annual report or partnership record must be submitted to this office before contract award.
2. The signer of the bid is a representative of the bidder authorized to submit this bid as evidence by documents such as corporate resolution,

certification as to corporate principal, etc. If this applies a copy of the resolution, certification, or supportive documents must be attached hereto.

3. The bidder has filed with the Secretary of State an affidavit or resolution or other acknowledged/authentic document indicating that the signer is authorized to submit bids for public contracts. A copy of the applicable document must be submitted to this office before contract award.
4. The signer of the bid has been designated by the bidder as authorized to submit bids on the bidders vendor registration on file with this office.

By signing the bid, the bidder certifies compliance with the above.

By signing the bid, the bidder further certifies compliance with all Instructions to Bidders, terms, conditions and specifications and further certifies that this bid is made without collusion or fraud.

For good cause and as consideration for executing this contract, the contractor hereby conveys, sells, assigns and transfers to the State of Louisiana all rights, title and interest in and to all causes of action it may now or hereafter acquire under the Antitrust Laws of the United States and the State of Louisiana, relating to the particular goods or services purchased or acquired by the State of Louisiana pursuant to the Department of Transportation and Development.

FEDERAL CLAUSES

CIVIL RIGHTS

Both parties shall abide by the requirements of Title VII of the Civil Rights Act of 1964, and shall not discriminate against employees or applicants due to color, race, religion, sex, handicap or national origin. Furthermore, both parties shall take affirmative action pursuant to Executive Order #11246 and the National Vocational Rehabilitation Act of 1973 to provide for positive posture in employing and upgrading persons without regard to race, color, religion, sex, handicap or national origin, and shall take affirmative action as provided in the Vietnam Era Veteran's Readjustment Act of 1974. Both parties shall also abide by the requirements of Title VI of the Civil Rights Act of 1964 and the Vocational Rehabilitation Act of 1973 to ensure that all services are delivered without discrimination due to race, color, national origin or handicap.

ANTI-KICKBACK CLAUSE

The contractor hereby agrees to adhere to the mandate dictated by the Copeland "Anti-Kickback" Act which provides that each contractor or subgrantee shall be prohibited from inducing, by any means, any person employed in the completion of work, to give up any part of the compensation to which he is otherwise entitled.

CLEAN AIR ACT

The contractor hereby agrees to adhere to the provisions which require compliance with all applicable standards, orders or requirements issued under Section 306 of the Clean Air Act which prohibits the use under non-exempt contracts, grants or loans of facilities included on the EPA list of violating facilities.

CLEAN WATER ACT

The contractor hereby agrees to adhere to the provisions which require compliance with all applicable standards, orders, or requirements issued under Section 508 of the Clean Water Act which prohibits the use under non-exempt federal contracts, grants or loans of facilities included on the EPA list of violating facilities.

ANTI-LOBBYING AND DEBARMENT ACT

The contractor will be expected to comply with federal statutes required in the Anti-Lobbying Act and the Debarment Act.

PREFERENCE

In accordance with Title 39:1595 of the Louisiana Revised Statutes, a preference of 10% may be allowed for products manufactured, produced, grown, assembled or harvested in Louisiana of equal quality.

Do you claim this 10% preference?

Yes _____ No _____

Specify if preference is claimed for all items shown on contract:

Yes _____ No _____

If preference is claimed for only part of the items shown on contract, must specify which items:

Specify location within Louisiana where this product is manufactured, produced, grown assembled or harvested:

Note: Louisiana vendors claiming this preference should also certify that 50% of their workforce is comprised of Louisiana residents in order to be entitled to the 10% preference. Louisiana vendors should complete the following certificate:

This is to certify that 50% of workforce is comprised of Louisiana residents:

Yes _____ No _____

(Proof of certification may be required)

Failure to specify above information will cause elimination from 10% preference.

PREFERENCE

Procurement of United States products:

In accordance with the provisions of R.S. 39:1595.7, in the event a contract is not entered into for products purchased under the Provisions of R.S. 39:1595, each procurement officer, Purchasing Agent, or similar official who procures or purchases materials, supplies, products, provisions, or equipment under the provisions of this chapter may purchase such materials, supplies, products, provisions, or equipment which are manufactured in the United States, and which are equal in quality to other materials, supplies, products, provisions, or equipment, provided that all of the following conditions are met:

- (1) The cost of such items does not exceed the cost of other items which are manufactured outside the United States by more than five percent.
- (2) The vendor of such items agrees to sell the items at the same price as the lowest bid offered on such items.
- (3) In cases where more than one bidder offers items manufactured in the United States which are within five percent of the lowest bid, the bidder offering the lowest bid on such items is entitled to accept the price of the lowest bid made on such items.
- (4) The vendor certifies that such items are manufactured in the United States.

For the purposes of this preference,

- (1) "Manufactured in the United States" means produced by a process in which the manufacturing, final assembly, processing, packaging, testing, and any other process that adds value, quality, or reliability to assembled articles, materials, or supplies, occur in the United States.
- (2) "United States" means the United States and any place subject to the jurisdiction of the United States.

Do you claim this preference? _____yes

Specify line number(s): _____

Specify location within the United States where this product is
Manufactured: _____

(note: if more space is required, include on separate sheet)

COOPERATIVE PURCHASE AGREEMENT

State Agencies, Political Subdivisions of the State and Quasi State Agencies may be permitted to purchase from contracts made by the Department of Transportation and Development's Procurement Section.

The Bidder may, at his option, accept this Cooperative Purchase Agreement so that any contract awarded under this proposal will apply to other State Agencies, Political Subdivisions or Quasi Agencies.

Bidder hereby accepts this Cooperative Purchase Agreement so that any contract awarded will apply to other State Agencies, Quasi State Agencies or other Political Subdivisions of the State.

_____ Yes, I agree to accept Cooperative Purchase Agreement

_____ No, I do not accept Cooperative Purchase Agreement

Failure to mark "no" on the above will constitute acceptance of this Cooperative Purchase Agreement to other State Agencies, Political Subdivisions of the State and Quasi State Agencies.

Choosing not to accept this Cooperative Purchase Agreement will have no bearing on the award of the contract.

ORDERS: Other State Agencies are to issue contract release orders/purchase orders for the items required, as and when needed.

Political subdivisions of the State and Quasi Agencies who have been authorized by the Office of State Purchasing to purchase from contracts made by the Department of Transportation and Development are to issue their regular purchase orders directly to the Contractor, making reference to the Contract Number, Item Number (if applicable) and Contract Expiration Date.

CONTRACT ADMINISTRATION: The Department of Transportation and Development will not monitor, administer or resolve any discrepancies, controversies, invoicing or payments related to this contract on orders placed by other State Agencies, Political Subdivisions or Quasi Agencies.

Controversies between the Department of Transportation and Development and a Contractor will be resolved by the DOTD Procurement Director.

Controversies between other State Agencies and a Contractor will be resolved by the Director of State Purchasing in accordance with R.S. 39:1673.

It will be the responsibility of the ordering entity to correspond directly with the Contractor.

DELIVERY: Vendors accepting the Cooperative Purchase Agreement understand and agree that deliveries to other State Agencies, Political Subdivisions or Quasi Agencies will be on a statewide basis.

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS**

SPECIFICATION FOR DOTD TYPE-X REFLECTIVE SHEETING

DESCRIPTION:

DOTD Type-X reflective sheeting shall conform to ASTM D 4956 except as modified herein. DOTD Type-X reflective sheeting shall be an approved product listed in AML (Approved Materials List) for Reflective Sheeting, DOTD Type X, Permanent.

MATERIALS:

The sheeting shall be a super high-intensity retroreflective sheeting having highest retroreflectivity characteristics at medium distances. This sheeting is typically an unmetallized microprismatic retroreflective element material.

- 1.) DOTD Type X Retroreflective Sheeting: Physical properties shall comply with ASTM D 4956. Color shall conform to ASTM D 4956, Table 11. Luminance shall conform to ASTM D 4956, Table 2. Retroreflectivity properties shall be as follows:

- (a) Retroreflectivity: Minimum Coefficients of Retroreflection shall be as specified in Table 1015-1.

Table 1015-1

Coefficients of Retroreflection for DOTD Type X Sheeting¹

Observation Angle, (degrees)	0.2	0.2	0.5	0.5
Entrance Angle, (degrees)	-4	+30	-4	+30
White	560	280	200	100
Yellow	420	210	150	75
Orange	210	105	75	37
Green	56	28	20	10
Red	84	42	30	15
Blue	28	14	10	5.0
Brown	17	8.4	6.0	3.0
Fluorescent Yellow-Green	450	220	160	80
Fluorescent Yellow	340	170	120	60
Fluorescent Orange	170	84	60	30

¹Minimum Coefficient of Retroreflection (R_A) ($\text{cd lx}^{-1}\text{m}^{-2}$)

(b) Adhesive Classes: The adhesive required for retroreflective sheeting shall be Class 1 (pressure sensitive) as specified in ASTM D 4956.

(c) Accelerated Weathering: Reflective sheeting, when processed, applied and cleaned in accordance with the manufacturer's recommendations shall perform in accordance with Table 1015-2

Table 1015-2
Accelerated Weathering Standards¹

Type	Retroreflectivity ²				Colorfastness ³	
	Orange/ Fluorescent Orange		All colors, except Orange/ Fluorescent Orange		Orange/ Fluorescent Orange	All colors, except Orange/ Fluorescent Orange
DOTD X	1 year	80 ⁶	3 years	80 ⁶	1 year	3 years

¹At an angle of 45° from the horizontal and facing south in accordance with ASTM G 7 at an approved test facility in Louisiana or South Florida.

²Percent retained retroreflectivity of referenced table after the outdoor test exposure time specified.

³Colors shall conform to the color specification limits of ASTM D 4956 after the outdoor test exposure time specified.

⁴ASTM D 4956, Table 4.

⁵ASTM D 4956, Table 7.

⁶Table 1015-1.

(d) Performance: Reflective sheeting for signs, when processed, applied and cleaned in accordance with the manufacturer's recommendations shall perform outdoors in accordance with the performance standards in Table 1015-3.

Table 1015-3
Reflective Sheeting Performance Standards

Type	Retroreflectivity ¹ -- Durability ²				Colorfastness ³
	Orange/ Fluorescent Orange		All colors, except orange/Fluorescent Orange		
DOTD X	3 years	80 ⁵	7 years	80 ⁵	3 years

¹Percent retained retroreflectivity of referenced table after installation and the field exposure time specified.

²All sheeting shall maintain its structural integrity, adhesion and functionality after installation and the field exposure time specified.

³All colors shall conform to the color specification limits of ASTM D 4956 after installation and the field exposure time specified.

⁴ASTM D 4956, Table 4.

⁵Table 1015-1A.

(e) Temporary Signs, Barricades, Channelizing Devices, Drums and Cones: temporary warning construction signs used on the mainline of freeways and expressways shall be fluorescent orange and meet the requirements of DOTD Type X.

(f) Sheeting Guaranty. The contractor shall provide the Department with a guaranty from the sheeting manufacturer stating that if the retroreflective sheeting fails to comply with the performance requirements of this subsection, the sheeting manufacturer shall do the following:

Table 1015-4
Manufacturer's Guaranty-Reflective Sheeting

Type	Manufacturer shall restore the sign face in its field location to its original effectiveness at no cost to the Department if failure occurs during the time period ¹ as specified below		Manufacturer shall replace the sheeting required to restore the sign face to its original effectiveness at no cost to the Department if failure occurs during the time period ¹ as specified below
	Orange/Fluorescent Orange	All colors, except orange/Fluorescent Orange	All colors, except orange/Fluorescent Orange
DOTD X	<3 years	<5 years	5-7 years

¹ From the date of sign installation.

Replacement sheeting for sign faces, material, and labor shall carry the unexpired guaranty of the sheeting for which it replaces.

The sign fabricator shall be responsible for dating all signs with the month and year of fabrication at the time of sign fabrication. This date shall constitute the start of the guaranty obligation period.

PACKING AND MARKING:

The Type X reflective sheeting shall be packaged in suitable containers to which it will not adhere during shipment and storage. Each container label shall designate the color, manufacturer's name, batch number and the date of manufacture. Each batch manufactured shall have its own separate number. The label shall specify the application requirements (primer, preheating of pavement, etc.) for the material. Application instructions shall be provided with each batch of material.

CERTIFICATION:

The manufacturer shall provide a Certificate of Compliance indicating the material conforms to these requirements with each shipment of material.

SAP Material Master Number
12026-12035; 12222-12228; & 50761-50762
(32-12-1500 – 32-12-1515 and
32-59-2405 – 32-59-2470)

MS 435-003
Revised 2/21/2014
2 pages

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS**

**SPECIFICATION FOR NON- REFLECTIVE SHEETING, SIGN ENAMELS,
PAINTS, SILK SCREEN PASTE AND OVERLAY FILM**

1) NON-REFLECTIVE SHEETING

a) General Requirements:

Non-reflective sheeting film shall consist of an extensible, pigmented, weather-resistant plastic film. Face side of film shall be supported and protected by a paper liner which is readily removable after application without the necessity of soaking in water or other solvents. Colors shall be matched visually and be within the limits shown in Table 17 of ASTM D 4956.

b) Adhesive Requirements:

Sheeting shall have a pre-coated pressure sensitive adhesive backing or a tack free heat-activated adhesive backing, either of which may be applied without additional coats on either sheeting or application surface. Adhesive shall comply with ASTM D 4956, Class 1 (pressure sensitive).

c) Physical Characteristics:

The film shall be readily cut by normal fabricating methods without cracking, checking or flaking. Applied film shall be free from ragged edges, cracks and blisters. The material shall have demonstrated its ability to withstand normal weathering without checking, cracking or excessive color loss.

2) SIGN ENAMELS AND PAINTS

a) General Requirements:

These shall be applied in accordance with the sheeting manufacturer's recommendations. Final appearance as well as materials used shall be subject to approval.

3) SILK SCREEN PASTE

a) General Requirements:

1. Constituents used in manufacture of silk screen paste shall meet approval of the engineer. Silk screen paste shall be mixed at the factory, well ground to a uniform consistency and smooth texture, and shall be free from water and other foreign matter. It shall dry within 18 hours to a film that does not run, streak, or sag. Paste which has livered, hardened or thickened in the container, or in which pigment has settled out so that it cannot be readily broken up with a paddle to a uniform usable consistency, will be rejected. Paste and thinner shall be used in accordance with the sheeting manufacturer's recommendations.
2. Paste shall have proper pigmentation and consistency for use in silk screen equipment. The material shall produce the desired color and the same retro-reflectivity values as required for reflective sheeting of the same type and color when applied on reflective sheeting background. Paste shall meet the quality and test requirements for appearance, coarse particles, and moisture and water resistance as specified for sign paints.

4) OVERLAY FILM

a) General Requirements:

Transparent electronic cuttable overlay film shall produce the desired color and the same reflectivity values as required for reflective sheeting of the same type and color when applied on reflective sheeting background.

5) PACKING AND MARKING

Non-Reflective Sheeting and Overlay Film shall be packaged in suitable containers to which it will not adhere during shipment and storage. Each container label shall designate the color, manufacturer's name, batch number and the date of manufacture. Each batch manufactured shall have its own separate number. Application instructions shall be provided with each batch of material. Sign Enamels, Paints, Silk Screen Paste and Thinners shall also be packaged in a suitable container and shall be identified in the same method as stated above. Application instructions shall also accompany each batch of material.

6) CERTIFICATION

The manufacturer shall provide a Certificate of Compliance indicating the material conforms to these requirements with each shipment of material.

Approved Materials List



Product Category : Reflective Sheeting

MATERIAL : 1015M00240 Reflective Sheeting, Type X, Permanent

APS00001860 — 3M Company TSSD - St. Paul, MN Phone : 651-733-1296 Ext. # :
 3M Center, 235-3W-52 Fax : 651-575-3055
 St. Paul, MN 55144 Contact : Michael Zachar

<u>Product</u>	<u>Approved On</u>	<u>Remarks</u>
3M High Intensity Prismatic Blue 3935	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M High Intensity Prismatic Brown 3939	10-11-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M High Intensity Prismatic Green 3937	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M High Intensity Prismatic Red 3932	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M High Intensity Prismatic White 3930	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M High Intensity Prismatic Yellow 3931	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M High Prismatic Fluorescent Yellow 3921	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
3M Prismatic Fluorescent Fl. Yel-Gr 3923	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)

APS00001980 — Avery Dennison - Mt. Prospect, IL Phone : 312-543-0907 Ext. # :
 902 Freehanville Drive Fax :
 Mount Prospect, IL 60056 Contact : Moe Madar

Additional Info : Contact person's mailing address: 7542 N. Natchez Avenue, Niles, IL 60714

<u>Product</u>	<u>Approved On</u>	<u>Remarks</u>
Avery Dennison Blue T-6505	6- 8-2015	
Avery Dennison Green T-6507	6- 8-2015	
Avery Dennison Red T-6508	6- 8-2015	
AveryDennison T-6500 Series T-6509 Brown	10-11-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7500 White	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7501 Yellow	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7505 Blue	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7507 Green	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7508 Red	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7511 Fl. Yellow	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
T-7500 MVP Series T-7513 Fl. Yel-Gr	8-31-2011	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive

Product Category : Reflective Sheeting

MATERIAL : 1015M00240 Reflective Sheeting, Type X, Permanent

APS00002000 — Nippon Carbide Industries - Santa Fe Springs, CA
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Contact : James Hu

<u>Product</u>	<u>Approved On</u>	<u>Remarks</u>
Crystal Grade 92800 Series Blue 92806	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
Crystal Grade 92800 Series FI YelGr92844	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
Crystal Grade 92800 Series Green 92808	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive)
Crystal Grade 92800 Series Red 92805	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
Crystal Grade 92800 Series White 92802	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
Crystal Grade 92800 Series Yellow 92804	2-25-2010	Adhesive Class: Class 1 (Pressure Sensitive) Source Adhesive Designation: Regular Adhesive
Crystal Grade 94000 Series - Blue 94806	1- 6-2014	Adhesive Class: Class 1 (Pressure Sensitive)
Crystal Grade 94000 Series - Green 94808	1- 6-2014	Adhesive Class: Class 1 (Pressure Sensitive)
Crystal Grade 94000 Series - White 94802	1- 6-2014	Adhesive Class: Class 1 (Pressure Sensitive)
Crystal Grade 94000 Series -Yellow 94804	1- 6-2014	Adhesive Class: Class 1 (Pressure Sensitive)