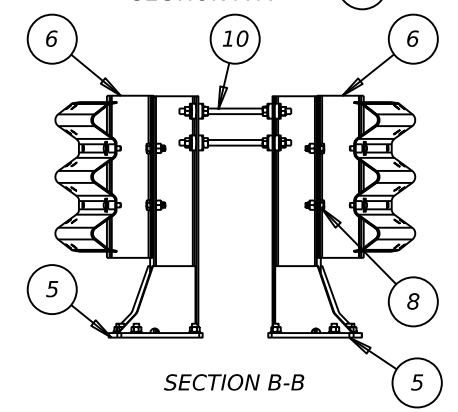
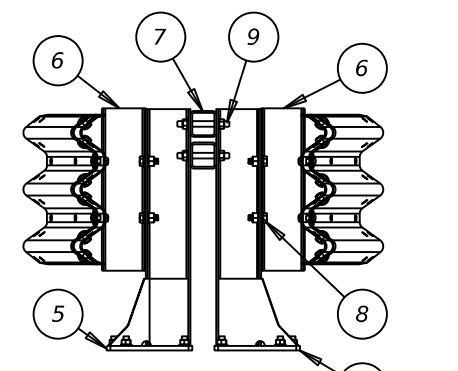
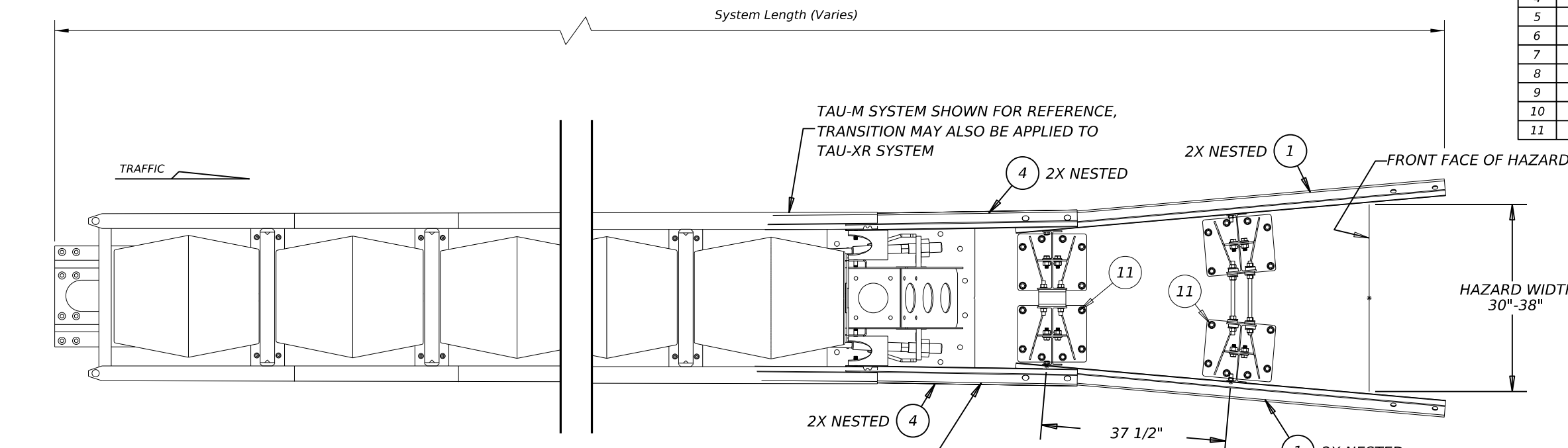


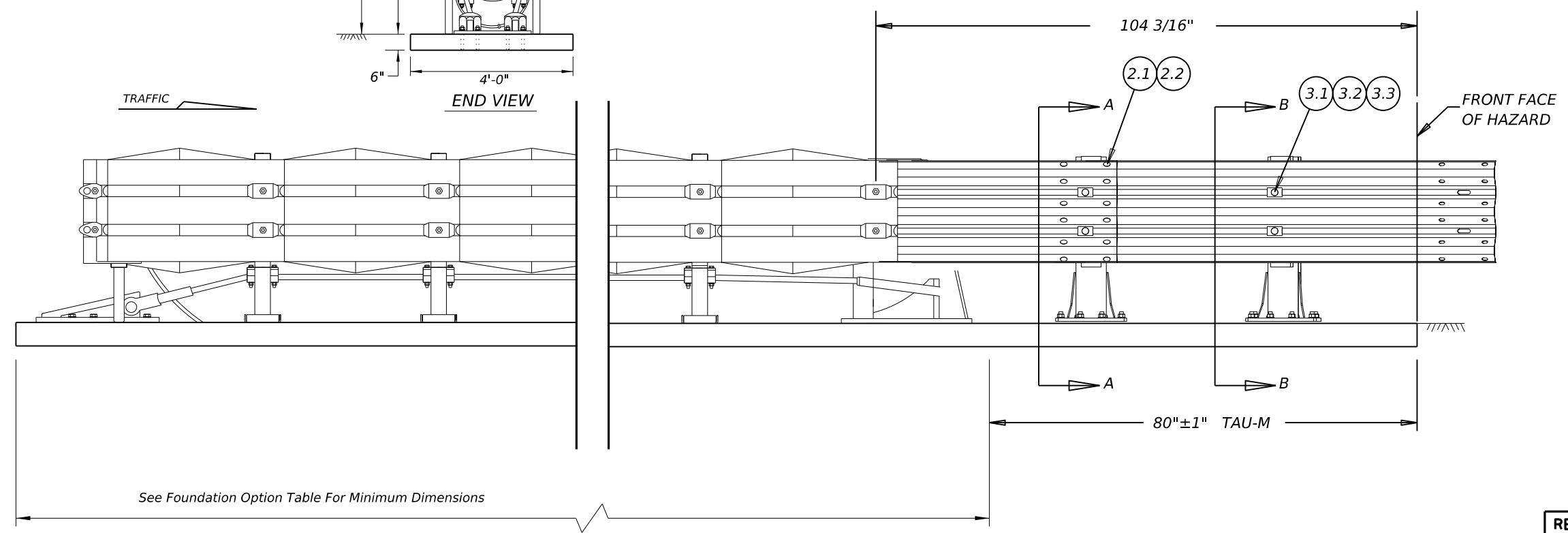
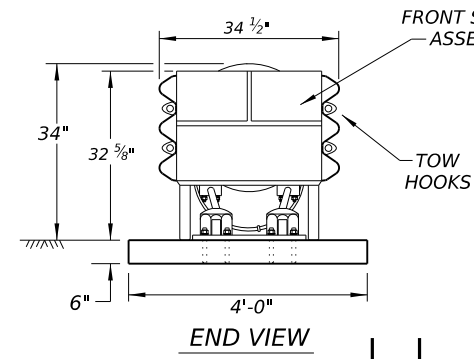
FOR GENERAL NOTES SEE SHEET 2

### TAU-M Wide Transitions-30"-38"

LINDSAY				
ITEM	PART NUMBER	DESCRIPTION	QTY	UNIT
1	1830066	THRIE BEAM, HALF, 2SPA, 12GA	4	EA
2	1831499	KIT, HDW, THRIE BEAM SPLICE	2	EA
2.1	4001115	GUARDRAIL BOLT 5/8-11X 1 1/4	12	EA
2.2	4001116	NUT, 5/8-11 GR-2 RECESSED	12	EA
3	1831567	KIT, HDW, EXT THRIE ATCH SET	2	EA
3.1	2001758	GUARDRAIL BOLT 5/8-11 X 2,MGAL	4	EA
3.2	4002051	GRDRAIL WSHR Rect AASHTO FWR03	4	EA
3.3	4001116	NUT, 5/8-11 GR-2 RECESSED	4	EA
1831584 - KIT, 30-38 TAU EXTENSION, PROP				
4	1830055	THRIE BEAM, END TRANS, 12GA	4	EA
5	1830105	WLDMT, TRANSITION POST	4	EA
6	1830084	BEAM, W6X9 TRANSITION BLOCKOUT	4	EA
7	1830070	TUBE, TRANSITION POST SPACER	2	EA
8	1831564	KIT, HDW, EXT POST ATCHMNT SET	2	EA
9	1831565	KIT, HDW, POST 1 CONNECTOR	1	EA
10	1831566	KIT, HDW, POST 2/4 CONNECTOR	1	EA
11	1831581	KIT, HDW, POST ANCHOR SET	2	EA



NOTE:  
PAD THICKNESS VARIES - SEE SHEET 2 FOR:  
FOUNDATION OPTIONS  
TRANSITION OPTIONS



See Foundation Option Table For Minimum Dimensions

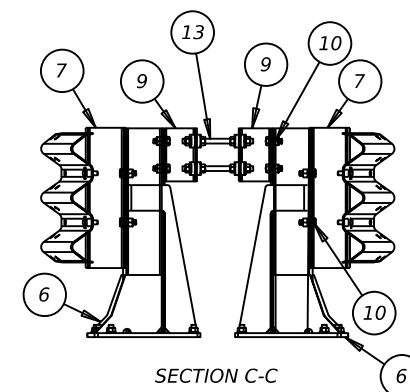
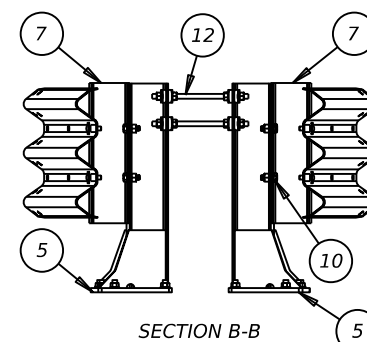
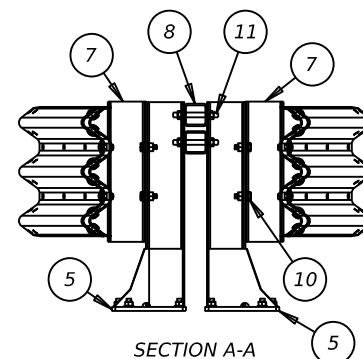
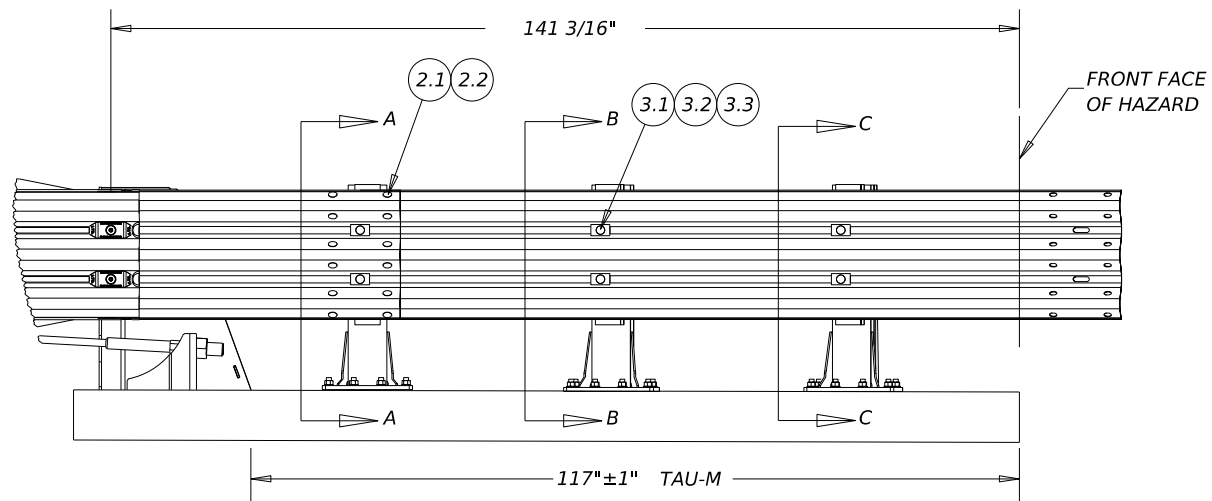
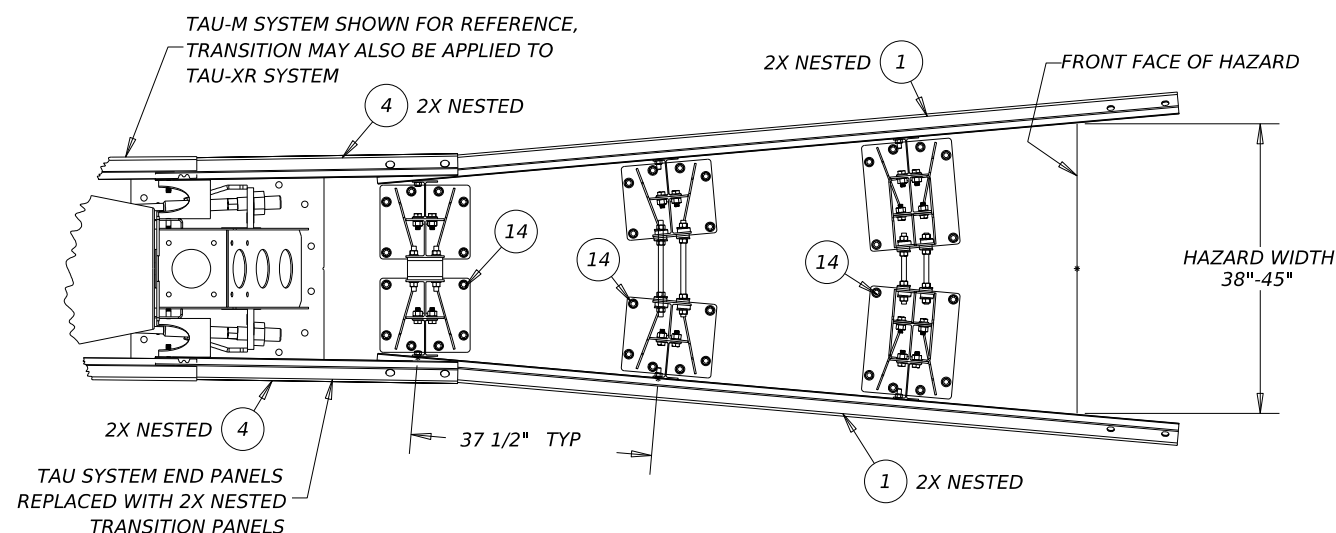
SHEET 1 OF 3

		Design Division Standard	
<b>LTS-BARRIER SYSTEMS CRASH CUSHION (R-WIDE) MASH TL-2 &amp; TL-3 TAU-M (W) - 25</b>			
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### TAU-M Wide Transitions-38"-45"



LINDSAY				
ITEM	PART NUMBER	DESCRIPTION	QTY	UNIT
1	1831424	THRIE BEAM, 9'-4.5", 3SPA, 12GA	4	EA
2	1831499	KIT, HDW, THRIE BEAM SPLICE	2	EA
2.1	4001115	GUARDRAIL BOLT 5/8-11X 1 1/4	12	EA
2.2	4001116	NUT, 5/8-11 GR-2 RECESSED	12	EA
3	1831567	KIT, HDW, EXT THRIE ATCH SET	3	EA
3.1	2001758	GUARDRAIL BOLT 5/8-11 X 2, MGAL	4	EA
3.2	4002051	GRDRAIL WSHR Rect AASHTO FWRO3	4	EA
3.3	4001116	NUT, 5/8-11 GR-2 RECESSED	4	EA
1831585 - KIT, 38-45 TAU EXTENSION, PROP				
4	1830055	THRIE BEAM, END TRANS, 12GA	4	EA
5	1830105	WLDMT, TRANSITION POST	4	EA
6	1830127	WLDMT, TRANSITION POST BRACED	2	EA
7	1830084	BEAM, W6X9 TRANSITION BLOCKOUT	6	EA
8	1830070	TUBE, TRANSITION POST SPACER	2	EA
9	1831307	WLDMT, 5" TRANS POST EXT	2	EA
10	1831564	KIT, HDW, EXT POST ATCHMNT SET	4	EA
11	1831565	KIT, HDW, POST 1 CONNECTOR	1	EA
12	1831566	KIT, HDW, POST 2/4 CONNECTOR	1	EA
13	1831572	KIT, HDW, POST 3 CONNECTOR	1	EA
14	1831581	KIT, HDW, POST ANCHOR SET	3	EA

#### GENERAL NOTES

- FOR SPECIFIC INFORMATION REGARDING INSTALLATION AND TECHNICAL GUIDANCE OF THE SYSTEM, CONTACT: LINDSAY TRANSPORTATION SOLUTIONS - AT (402) 829-6800, 18135 BURKE ST. OMAHA, NE 68022.
- REFER TO INSTALLATION MANUAL FOR STEP-BY-STEP INSTRUCTIONS.
- FOR BI-DIRECTIONAL TRAFFIC, APPROPRIATE TRANSITION PANELS WILL BE REQUIRED.
- TRANSITION OPTION AND FOUNDATION OPTION WILL BE SHOWN ON THE MANUFACTURER'S SHOP DRAWINGS FURNISHED TO THE ENGINEER.
- CONCRETE SHALL BE CLASS "S" WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
- MAXIMUM PERMISSIBLE CROSS-SLOPE IS 8%.
- THE INSTALLATION AREA SHOULD BE FREE FROM CURBS, ELEVATED OBJECTS, OR GROUND DEPRESSIONS.
- THE TAU-M (W) TRANSITIONS SHOULD BE INSTALLED APPROXIMATELY PARALLEL WITH THE BARRIER OR CENTER OF MERGING BARRIERS.
- THE SYSTEM SHIELDS OBJECTS BETWEEN 30" THRU 52" IN WIDTH.

TAU-M (W) SYSTEM LENGTHS		
SYSTEM WIDTH	TL-2	TL-3
30"-38"	22'-4"	30'-10"
38"-45"	25'-5"	33'-11"
45"-52"	28'-7"	37'-1"

Note: System Lengths are +/-2"

TRANSITION OPTIONS
Vertical Wall
Concrete Traffic Barriers

For bi-directional transition panel and end shoe details.  
(See manufacturer's product manual)

FOUNDATION OPTIONS
6" Reinforced Concrete
8" Unreinforced Concrete

For steel placement in concrete foundations.  
(See manufacturer's product manual)

Crash Cushion	Width Extension	Foundation Measurements			
		Front Width	Angle Start	Back Width	Overall Length
TAU-M TL-2	30-38	48"	184"	55"	247"
	38-45	48"	184"	59"	284"
	45-52	48"	184"	63"	321"
TAU-M TL-3	30-38	48"	286"	55"	349"
	38-45	48"	286"	59"	386"
	45-52	48"	286"	63"	423"

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SHEET 2 OF 3



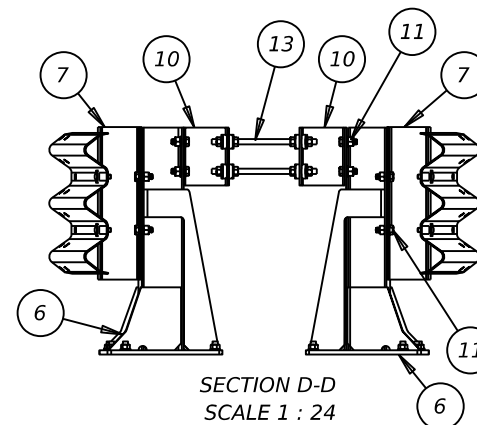
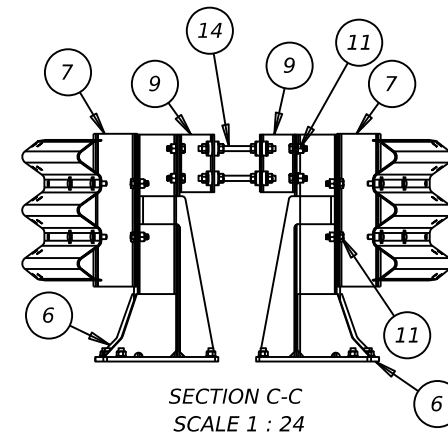
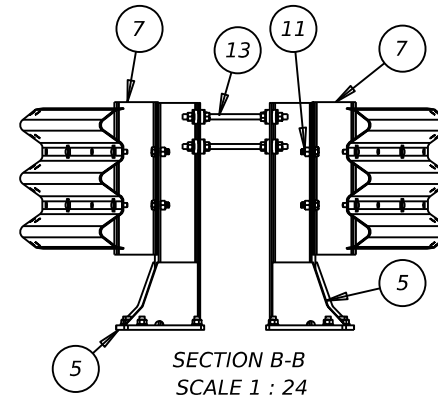
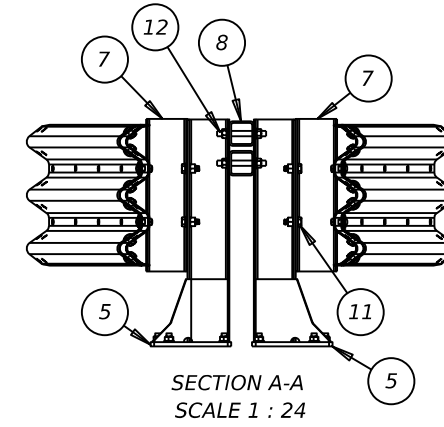
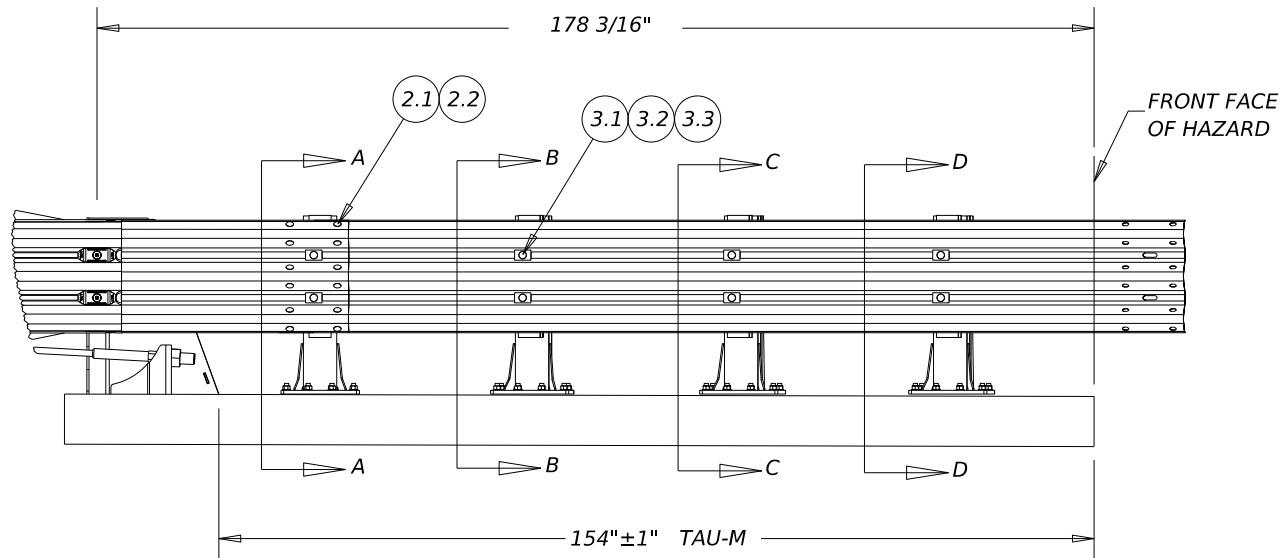
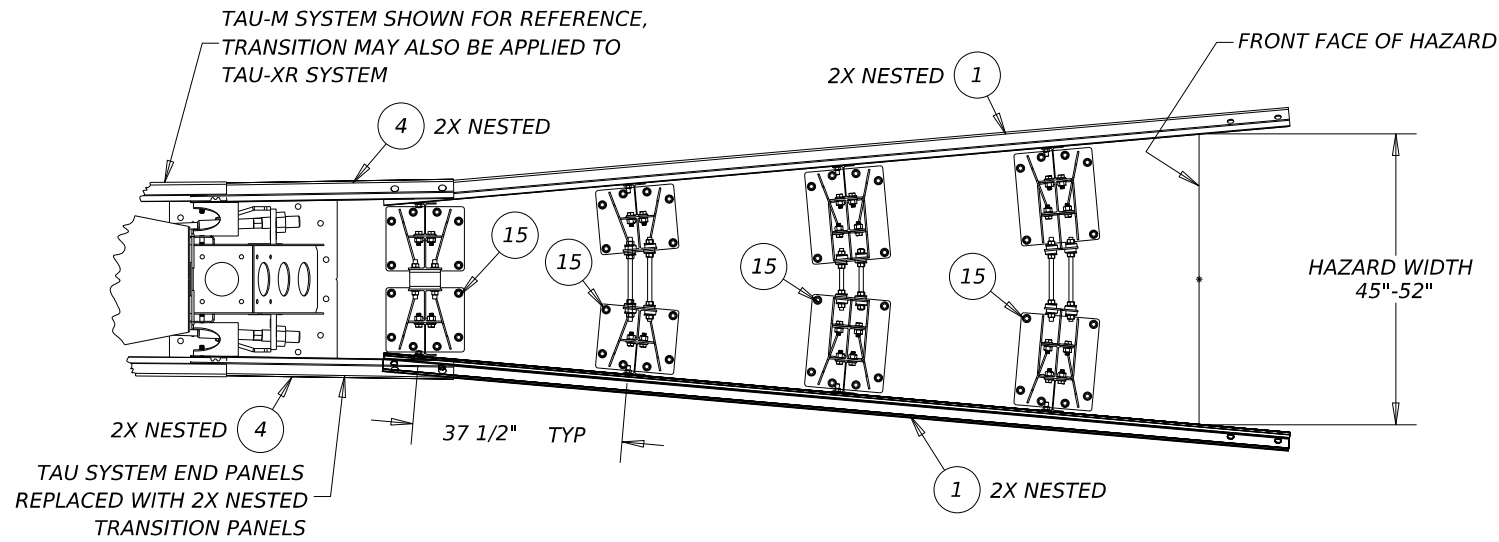
**LTS-BARRIER SYSTEMS  
CRASH CUSHION  
(R-WIDE)  
MASH TL-2 & TL-3**

**TAU-M (W) -25**

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REUSABLE

TAU-M Wide Transitions-45"-52"



LINDSAY				
ITEM	PART NUMBER	DESCRIPTION	QTY	UNIT
1	1830067	THRIE BEAM, 12'-6", 4SPA, 12GA	4	EA
2	1831499	KIT, HDW, THRIE BEAM SPLICE	2	EA
2.1	4001115	GUARDRAIL BOLT 5/8-11X 1 1/4	12	EA
2.2	4001116	NUT, 5/8-11 GR-2 RECESSED	12	EA
3	1831567	KIT, HDW, EXT THRIE ATCH SET	4	EA
3.1	2001758	GUARDRAIL BOLT 5/8-11 X 2,MGAL	4	EA
3.2	4002051	GRDRAIL WSHR Rect AASHTO FWR03	4	EA
3.3	4001116	NUT, 5/8-11 GR-2 RECESSED	4	EA
1831586 - KIT, 45-52 TAU EXTENSION, PROP				
4	1830055	THRIE BEAM, END TRANS, 12GA	4	EA
5	1830105	WLDMT, TRANSITION POST	4	EA
6	1830127	WLDMT, TRANSITION POST BRACED	4	EA
7	1830084	BEAM, W6X9 TRANSITION BLOCKOUT	8	EA
8	1830070	TUBE, TRANSITION POST SPACER	2	EA
9	1831307	WLDMT, 5" TRANS POST EXT	2	EA
10	1831345	WLDMT, 6.5" TRANS POST EXT	2	EA
11	1831564	KIT, HDW, EXT POST ATCHMNT SET	6	EA
12	1831565	KIT, HDW, POST 1 CONNECTOR	1	EA
13	1831566	KIT, HDW, POST 2/4 CONNECTOR	2	EA
14	1831572	KIT, HDW, POST 3 CONNECTOR	1	EA
15	1831581	KIT, HDW, POST ANCHOR SET	4	EA

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SHEET 3 OF 3

		Design Division Standard	
<b>LTS-BARRIER SYSTEMS CRASH CUSHION (R-WIDE) MASH TL-2 &amp; TL-3 TAU-M (W) -25</b>			
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