

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	(06-1HB)BP-2	BUREAU	12	1
		CONTRACT NO. 66J43		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

**F.A.I. ROUTE 180 (I-180)
SECTION (06-1HB)BP-2
PROJECT NHPP-MA4I(741)
BRIDGE PAINTING
BUREAU COUNTY**

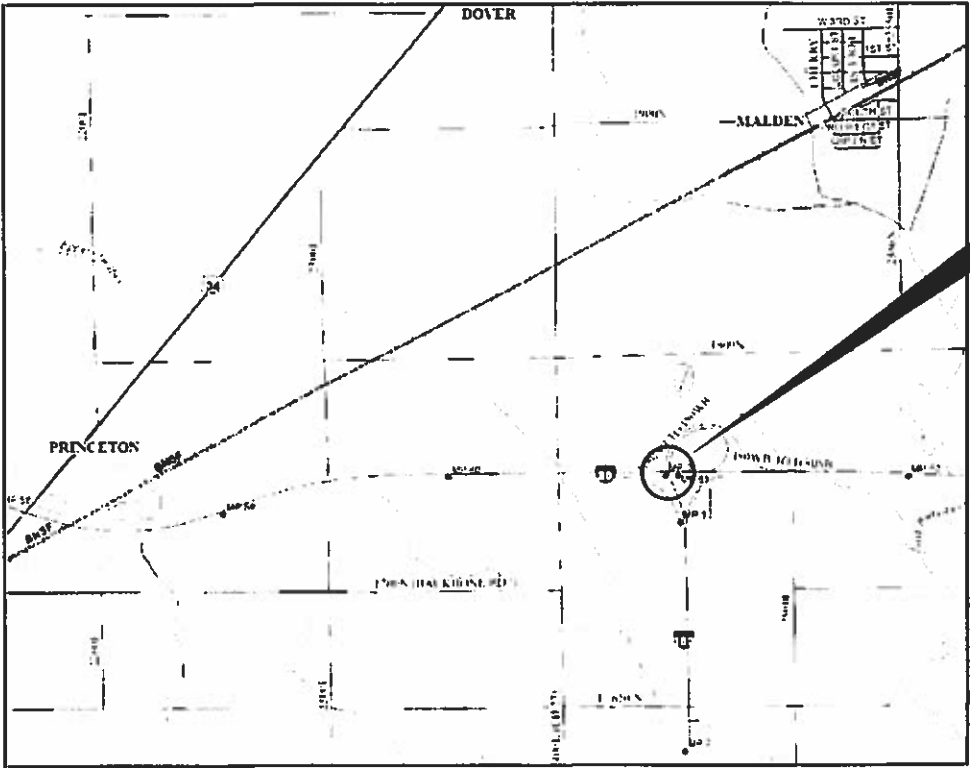
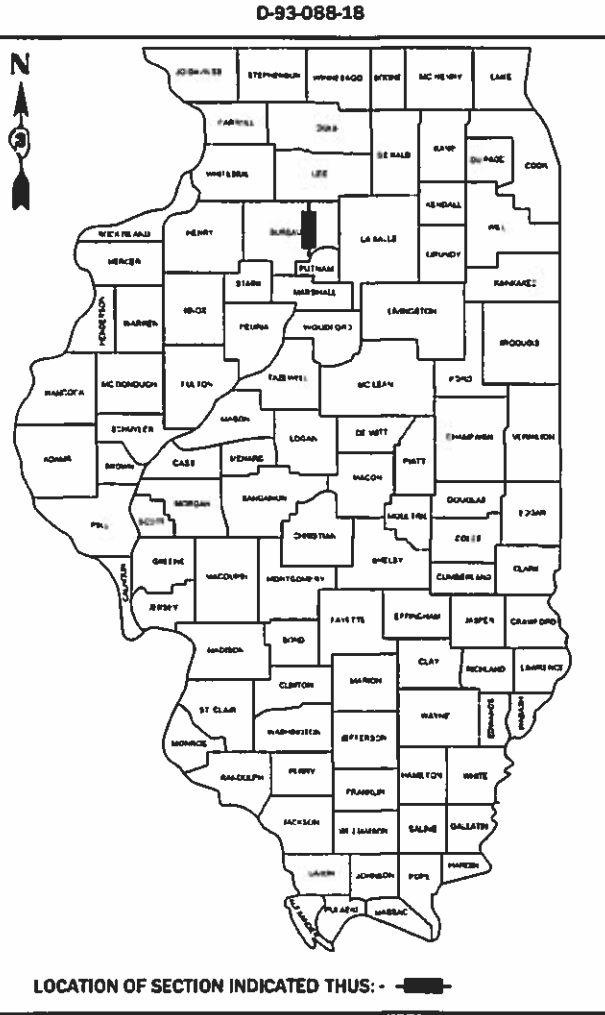
C-93-093-18

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STANDARDS

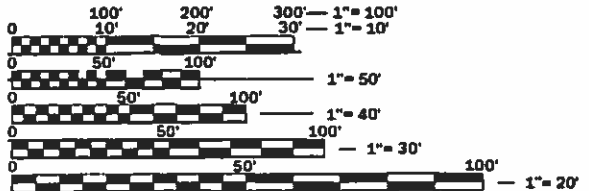
- | | |
|-----------|--|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS \geq 45 MPH |
| 701426-09 | LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \geq 45 MPH |
| 701428-01 | TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 782006 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701400-09 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701402-12 | LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER |



PROJECT LOCATION

STRUCTURE NO. 'S
006-0038 (NB) & 006-0039 (SB)
CARRYING F.A.I. 180 (I-180)
OVER F.A.I. 80 (I-80)
4 MILES EAST OF PRINCETON

FUNCTIONAL CLASSIFICATION	
RURAL - INTERSTATE F.A.I. ROUTE 180 (I-180) 2017 ADT = 2300 P.V. 45.9% S.U. 5.2% M.U. 48.9%	RURAL - INTERSTATE F.A.I. ROUTE 80 (I-80) 2017 ADT = 20,200 P.V. 58.1% S.U. 3.8% M.U. 38.1%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66J43

STRUCTURE NO. 006-0038
GROSS LENGTH = 206.51 FT. = 0.039 MILE
NET LENGTH = 206.51 FT. = 0.039 MILE

STRUCTURE NO. 006-0039
GROSS LENGTH = 205.95 FT. = 0.039 MILE
NET LENGTH = 205.95 FT. = 0.039 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10-18-2018
[Signature]
REGIONAL ENGINEER

Dec 7 2018
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

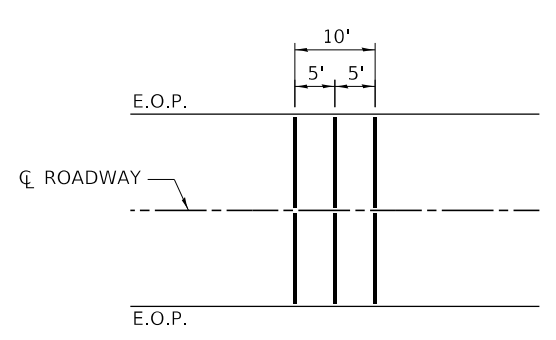
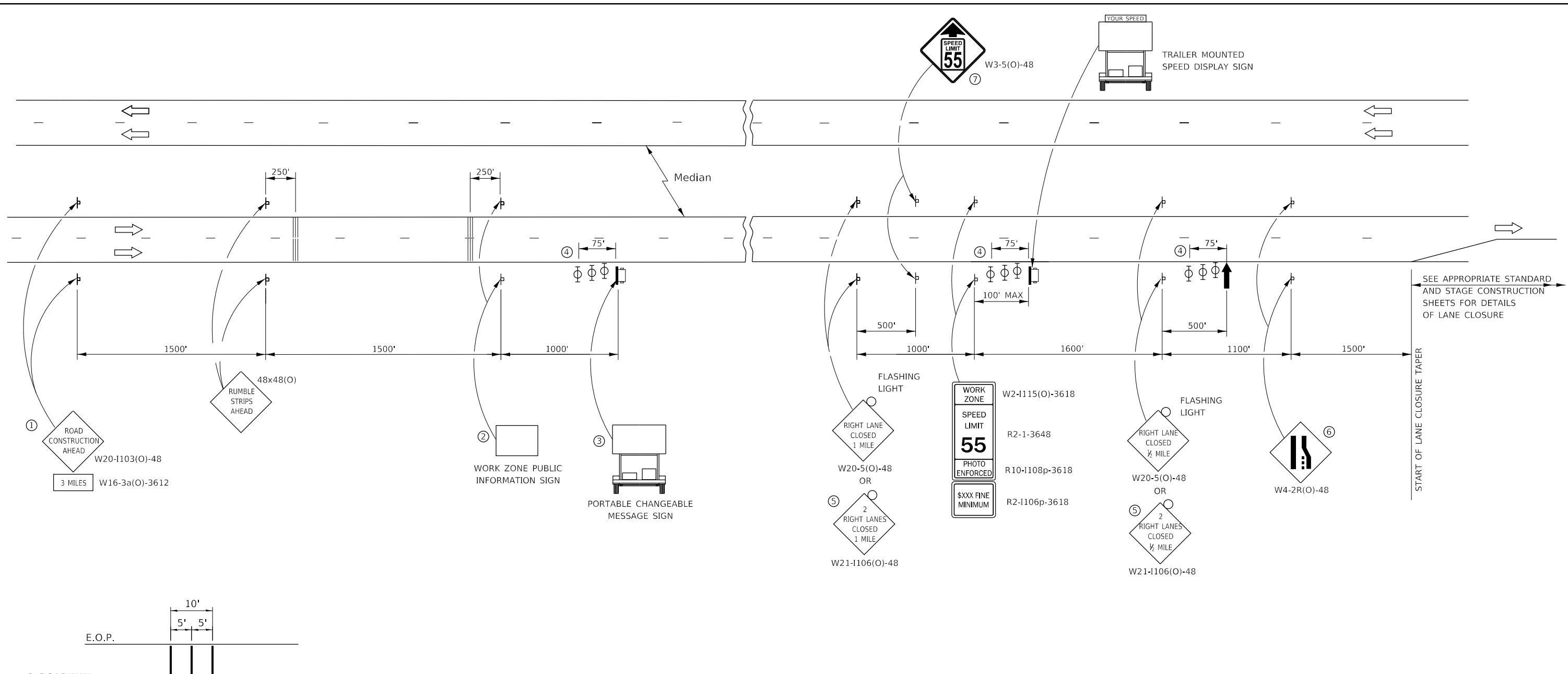
Dec 7 2018
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				BRIDGE PAINTING	
				90% FEDERAL BRIDGE	10% STATE BRIDGE
				0047	0047
				S.N. 006-0038	S.N. 006-0039
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	1	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	425	425	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1275	425	850
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	1	2
Δ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3410	1705	1705
Δ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	920	460	460
X0325969	PORTABLE, VEHICLE MOUNTED CHANGEABLE MESSAGE BOARD	CAL DA	325	162.5	162.5
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1500	750	750
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	4	2	2
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1	
X5067502	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2	L SUM	1		1
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	0.5	0.5

Δ SPECIALTY ITEMS

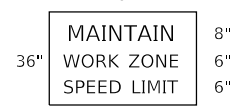




TEMPORARY RUMBLE STRIP (SPECIAL)

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
 "RIGHT LANE CLOSED" / " x MILES AHEAD"
 "LEFT LANE CLOSED" / " x MILES AHEAD"
 "ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.



- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- ↘ LANE DROP ARROW - SEE STANDARD 780001
- ▨ TEMPORARY RUMBLE STRIPS (SPECIAL) (SEE DETAIL & SPECIAL PROVISION)

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

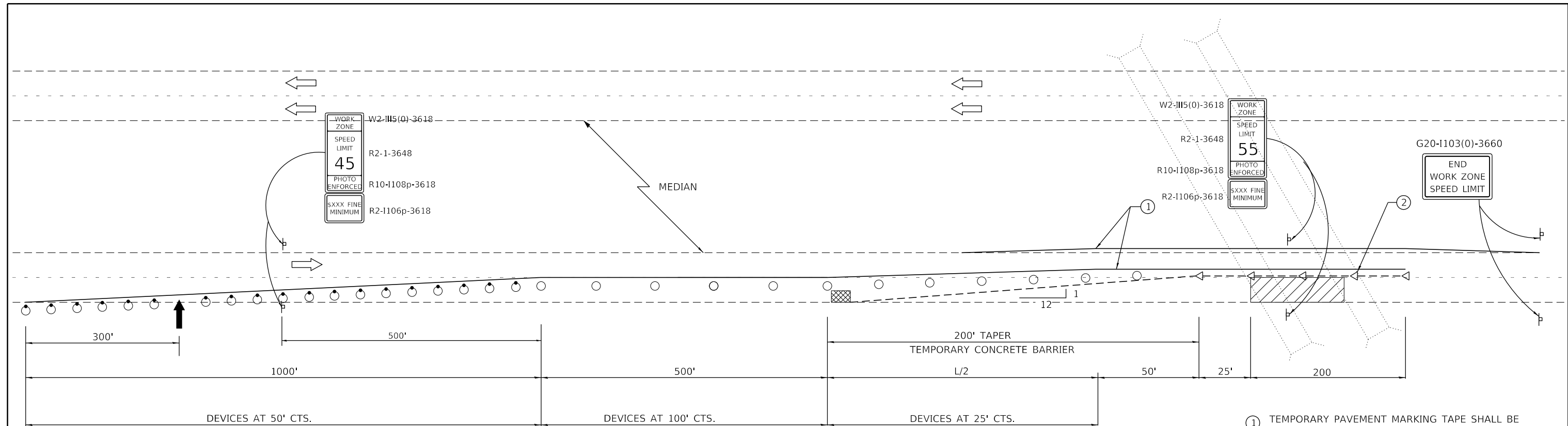
WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = woodshank1	DESIGNED - JW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\01\084EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\0366\43\CADData\66J43-cover.dgn	DRAWN - JW	REVISED -	180			(06-1HB)BP-2	BUREAU	12	6		
Default	PLOT SCALE = 100,0000' / in.	CHECKED - RW	REVISED -			CONTRACT NO. 66J43					
	PLOT DATE = 7/25/2018	DATE - 04/30/2018	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT



- ① TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND ALONG-SIDE THE WORK AREA. THE RIGHT EDGE LINE SHALL BE WHITE AND THE LEFT EDGE LINE SHALL BE YELLOW.
- ② BARRIER WALL/GUARDRAIL MARKERS AT 25' (7.6 M). MARKERS ON RIGHT SHALL BE CRYSTAL AND MARKERS ON LEFT SHALL BE AMBER.

GENERAL NOTES

THIS STANDARD IS USED WHERE AT ANY TIME ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON THE PAVEMENT OR ON THE SHOULDER WITHIN 24 (600) OF THE EDGE OF PAVEMENT FOR DAYLIGHT OPERATION EXCEEDING ONE DAY AND WHERE TEMPORARY CONCRETE BARRIER IS UTILIZED.

THIS STANDARD MUST ALWAYS BE USED IN COMBINATION WITH STANDARD 701400.

WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

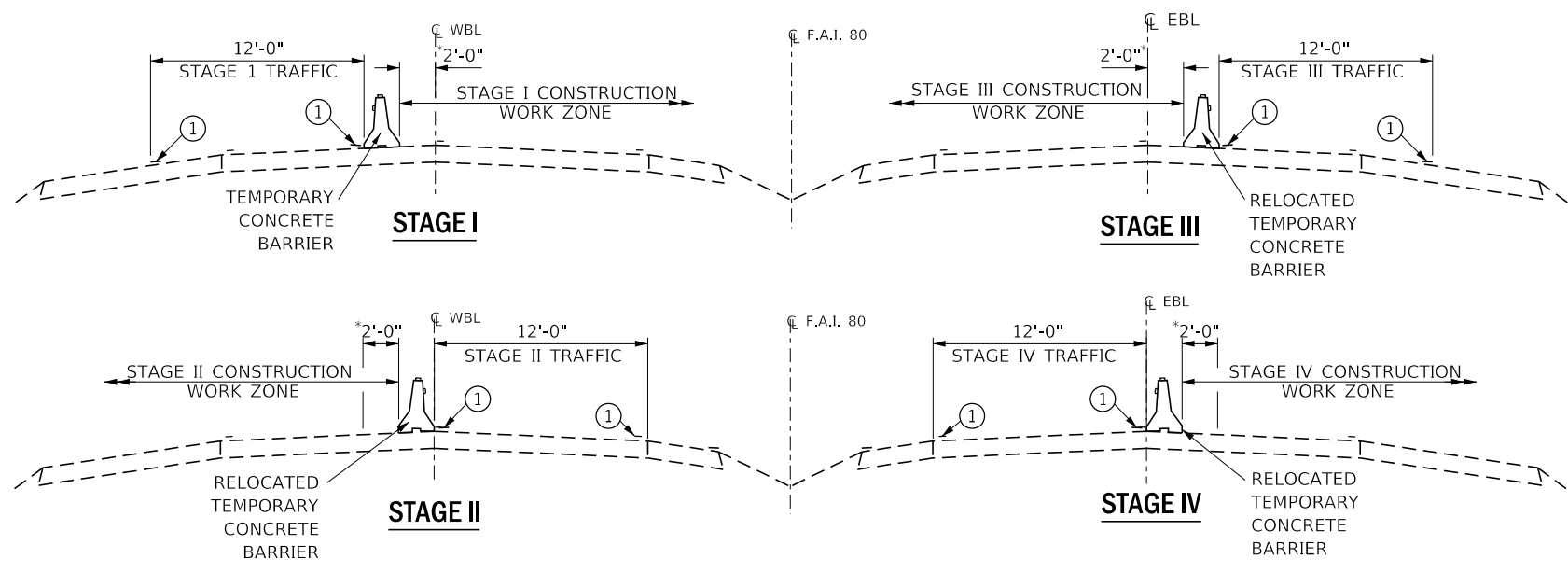
TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

CALCULATE L AS FOLLOWS:

NORMAL POSTED SPEED	FORMULAS
45 MPH OR MORE	ENGLISH $L=(W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS).

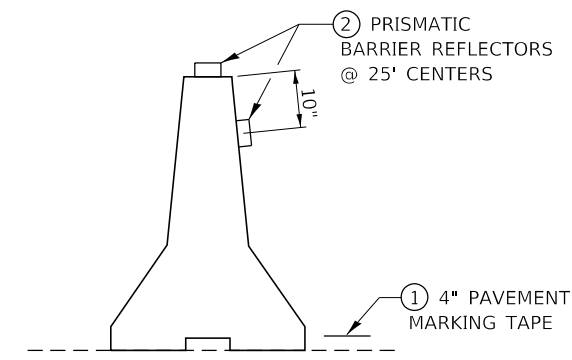
S = NORMAL POSTED SPEED IN MPH (KM/H).



*NO EQUIPMENT OR MATERIALS SHALL ENCROACH WITHIN AN DISTANCE OF 2'-0" AS MEASURED FROM THE BASE OF THE TEMPORARY CONCRETE BARRIER TO THE CL OF ROADWAY

SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- ⊙ TRAFFIC CONTROL DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TRAFFIC CONTROL DRUM
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- ▣ IMPACT ATTENUATOR



TEMPORARY CONCRETE BARRIER

FILE NAME =	USER NAME = woodshank1	DESIGNED - JW	REVISED -
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Default	PLOT SCALE = 100.0000 "/in.	CHECKED - RW	REVISED -
	PLOT DATE = 8/10/2018	DATE - 04/27/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION,
STANDARD 701402 (SPECIAL)

SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	(06-1H)BP-2	BUREAU	12	7
CONTRACT NO. 66J43				
ILLINOIS FED. AID PROJECT				