

INDEX OF SHEETS

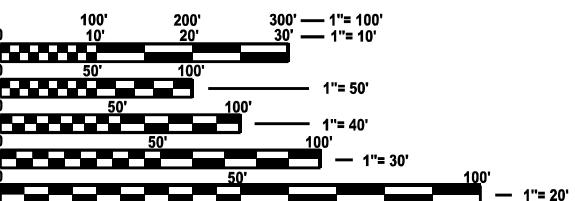
1. COVER SHEET
2. GENERAL NOTES
- 3 - 4. SUMMARY OF QUANTITIES
5. TYPICAL SECTIONS
6. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
7. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 SPECIAL)
8. TEMPORARY CONCRETE BARRIER WALL DELINEATION

HIGHWAY STANDARDS

000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 001006 DECIMAL OF AN INCH AND OF A FOOT
 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
 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
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \geq 45 MPH
 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
 780001-05 TYPICAL PAVEMENT MARKINGS
 701901-11 TRAFFIC CONTROL DEVICES
 704001-08 TEMPORARY CONCRETE BARRIER

PROJECT LOCATION

STRUCTURE NO. 032-0092
 CARRYING CARBON HILL RD. OVER
 F.A.I. ROUTE 55 (I-55)
 APPROXIMATELY 4.8 MI.
 SOUTH OF REED RD.



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 JUNIOR SENAT P.E.
 UNIT CHIEF RON WOODSHANK
 DISTRICT 3 (815) 434-6131
 CONTRACT NO. 66R94

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | HEET NO. |
|----------------|----------|--------|-----------------|-------------|
| 55 | (32-1)BP | GRUNDY | 8 | 1 |

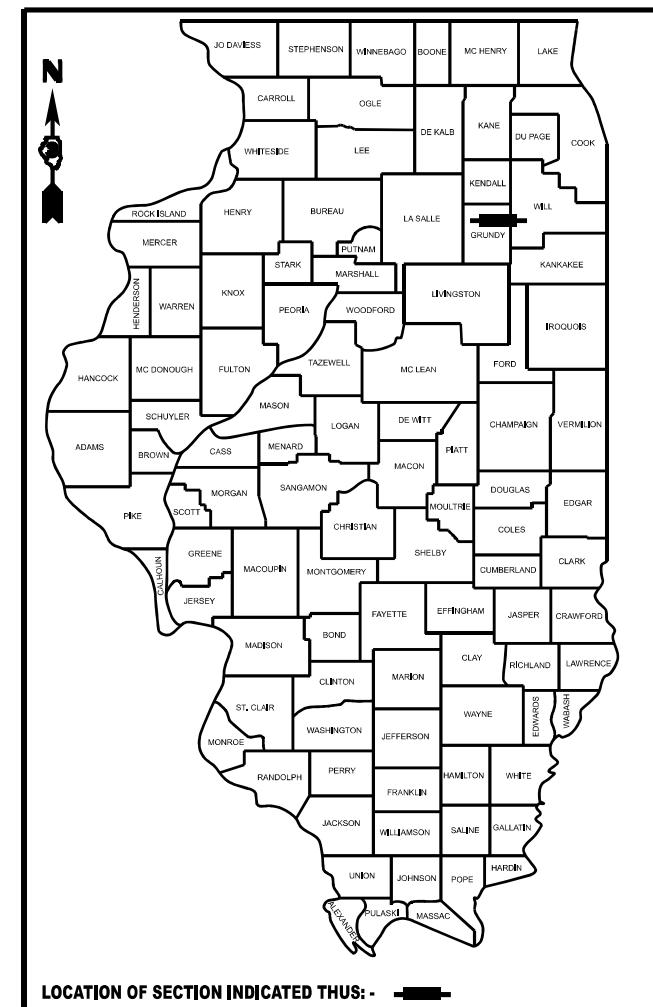
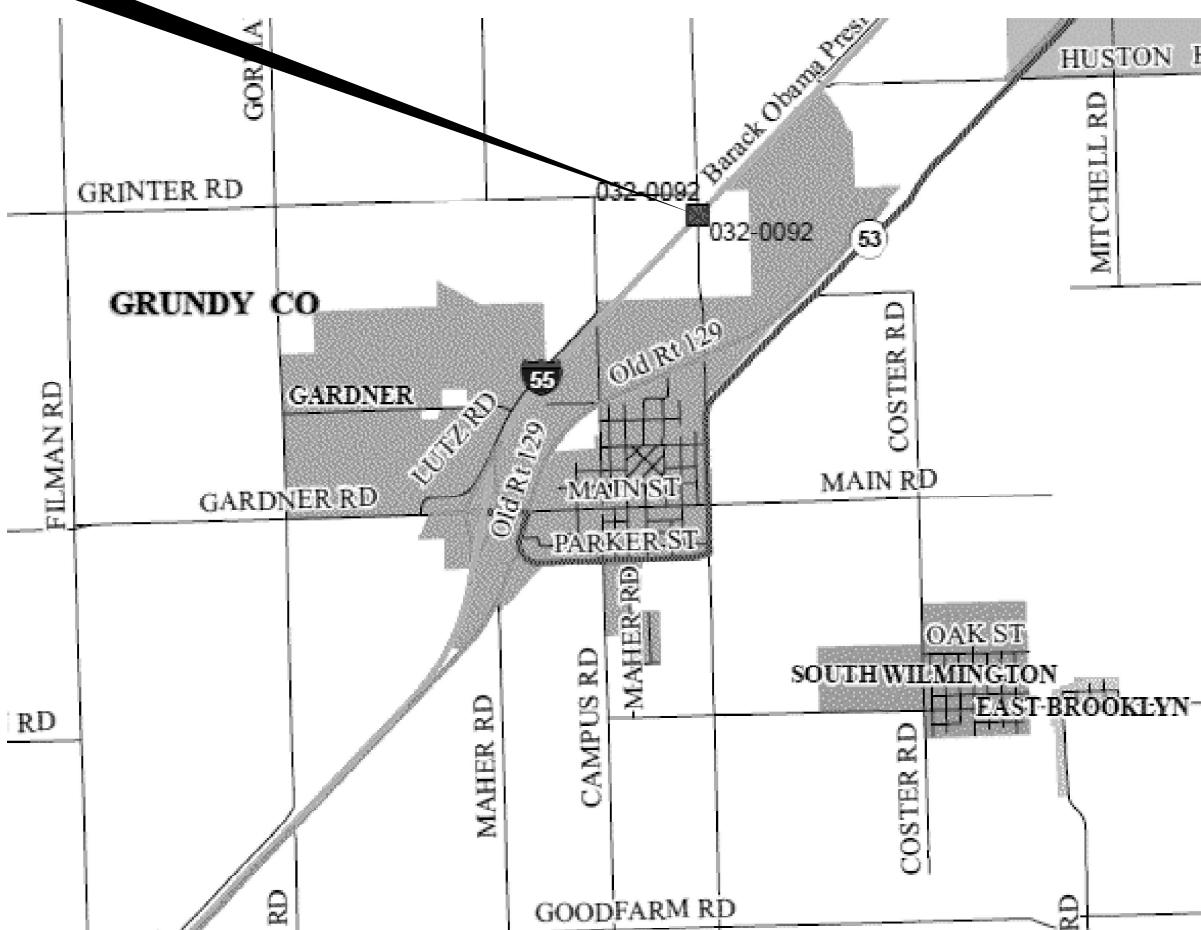
ILLINOIS CONTRACT NO. 66R94

D-93-119-25

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 55 (I-55)
 SECTION (32-1)BP
 PROJECT NHPP-03LB(976)
 BRIDGE PAINTING
 GRUNDY COUNTY

C-93-157-25



FUNCTIONAL CLASSIFICATION

URBAN - INTERSTATE

F.A.I. ROUTE 55 (I-55)

2023 ADT = 12,500

P.V. 70.0 % S.U. 3.0 % M.U. 27.0 %

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED December 5, 2025
Trisha Thompson *AS*
 REGIONAL ENGINEER

January 23 2026
EE
 ENGINEER OF DESIGN AND ENVIRONMENT

January 23 2026
Young *5*
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

CLEANING AND PAINTING EXISTING STEEL / STRUCTURAL STEEL COMPONENTS

CLEANING AND PAINTING OF THE EXISTING STEEL / STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES".

THE FOLLOWING STEEL / STRUCTURAL STEEL COMPONENTS SHALL BE CLEANED AND PAINTED.

| | |
|--------------------------------|--------------------------------|
| a) STRUCTURAL STEEL COMPONENTS | b) STEEL COMPONENTS |
| BEAMS / GIRDERS | DECK DRAINS (DOWN PIPES) |
| STIFFENERS | SCUPPERS (DOWN PIPES) |
| DIAPHRAGMS | STEEL HANDRAILS (WHEN PRESENT) |
| CROSS / LATERAL FRAMING | |
| STEEL COMPONENTS OF BEARINGS | |
| ANGLE BRACKETS / CLIPS | |
| CONNECTION PLATES | |
| ANCHORS / BOLTS | |

OTHER STEEL / STRUCTURAL STEEL COMPONENTS WHEN PRESENT SHALL BE AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.

STRUCTURE NO. 032-0092 SHALL BE CONSIDERED AS "LOCATION NO. 1".

EXISTING STRUCTURAL STEEL COATINGS FOR STRUCTURE NO. 032-0092 ARE "NON-LEAD" PAINT COATINGS.

SSPC QP1 "CONTRACTOR CERTIFICATION" IS REQUIRED FOR THIS STRUCTURE.

CONTAINMENT OF CLEANING RESIDUE IS REQUIRED TO CONTROL NUISANCE DUST.

CLEANING EXISTING STEEL / STRUCTURAL STEEL COMPONENTS

CLEANING ALL EXISTING STEEL / STRUCTURAL STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING, "SSPC-SP10".

SEE THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES.

PAINTING EXISTING STEEL / STRUCTURAL STEEL COMPONENTS

ALL EXISTING STEEL / STRUCTURAL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZ/E/U.

- 1) THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL / STRUCTURAL STEEL SURFACES SHALL BE GRAY, MUNSELL NO 5B 7/1.
- 2) THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS, STEEL COMPONENTS OF FASCIA BEARINGS, DECK DRAINS / SCUPPERS AND STEEL HANDRAILS (WHEN PRESENT) SHALL BE "GREEN, MUNSELL NO. 7.5G 1/2.

REMOVAL AND DISPOSAL OF CLEANING AND PAINTING RESIDUES

THE CONTRACTOR SHALL BE REQUIRED TO SECURE WASTE CONTAINERS THAT REMAIN ON THE JOB SITE. THIS WILL ENTAIL THAT ALL WASTE CONTAINERS CANNOT BE MOVED OR OPENED DURING NON-WORKING HOURS.

WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR / SUBCONTRACTOR LICENSED TO REMOVE AND DISPOSE OF NON-LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL ORDINANCES. IF THE CONTRACTOR / SUBCONTRACTOR FAILS TO REMOVE AND DISPOSE OF THE NON-LEAD PAINT RESIDUES WITHIN THE WORKING DAYS STIPULATED, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT ALL PAINT RESIDUES HAVE BEEN REMOVED AND DISPOSED OF.

COMMITMENTS

NONE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

| USER NAME | ronald.woodshank | DESIGNED | - | RW | REVISED | - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
|-----------|------------------|-------------|------|----|-----------|---------|---|---------------|-------|---|----------------|----------|--------|-----------------|--------------------|-----------------|
| | | DRAWN | - | RW | REVISED | - | | | | | 55 | (32-1)BP | GRUNDY | 8 | 2 | |
| | | CHECKED | - | JS | REVISED | - | | | | | | | | | CONTRACT NO. 66R94 | |
| | PLOT DATE | = 7/17/2025 | DATE | - | 7/17/2025 | REVISED | | SCALE: | SHEET | 1 | OF | 1 | SHEETS | STA. | TO STA. | |
| | | | | | | | | | | | | | | | ILLINOIS | FED.AID PROJECT |

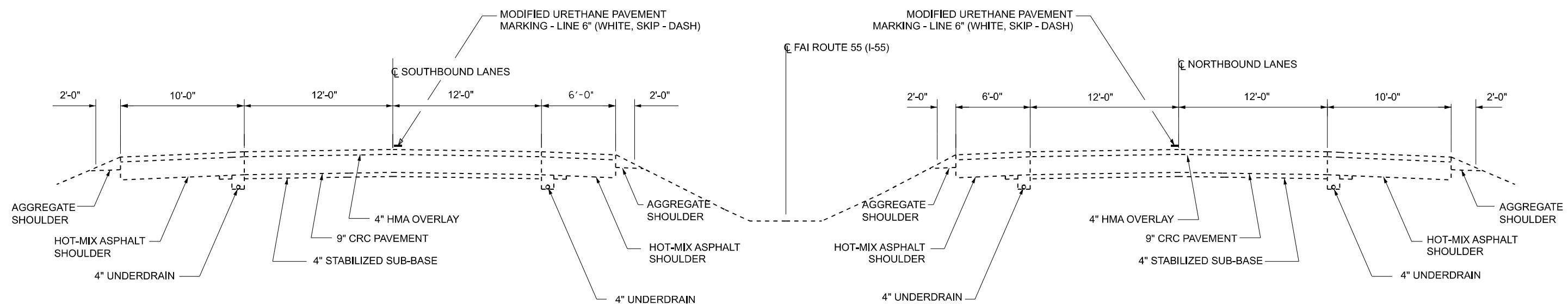
CONSTRUCTION CODE
BRIDGE PAINTING
90% FED 10% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | S.N. 032-0092 |
|-----------------|---|-------------|-----------------------|----------------------|
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | 1 |
| 70106700 | TEMPORARY RUMBLE STRIPS | EACH | 8 | 8 |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 28 | 28 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 190 | 190 |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 63 | 63 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 400 | 400 |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 1200 | 1200 |
| 70600251 | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 1 | 1 |
| 70600352 | IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 3 | 3 |
| * | 78004630 PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - STANDARD - LINE 6" | FOOT | 950 | 950 |
| * | 78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 1880 | 1880 |
| | 78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING | SQ FT | 475 | 475 |
| | X5060601 CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1 | L SUM | 1 | 1 |

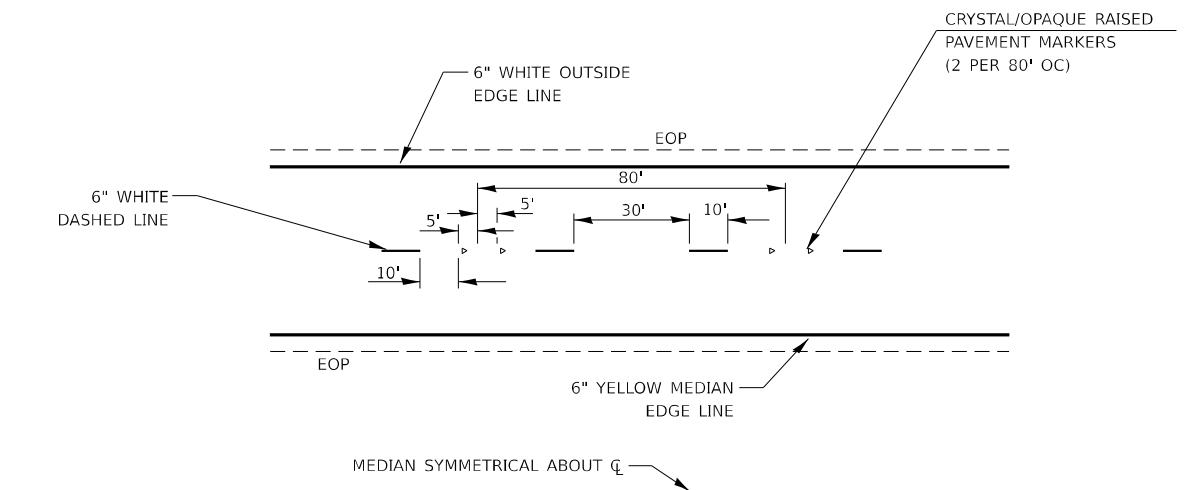
***SPECIALTY ITEMS**

| | | | | CONSTRUCTION CODE |
|----------|---|-------|----------------|-------------------|
| | | | | BRIDGE PAINTING |
| | | | | 90% FED 10% STATE |
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | |
| X5067501 | BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1 | L SUM | 1 | 1 |
| X7010208 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL) | EACH | 1 | 1 |
| Z0010501 | CLEANING AND PAINTING STEEL BRIDGE NO. 1 | L SUM | 1 | 1 |

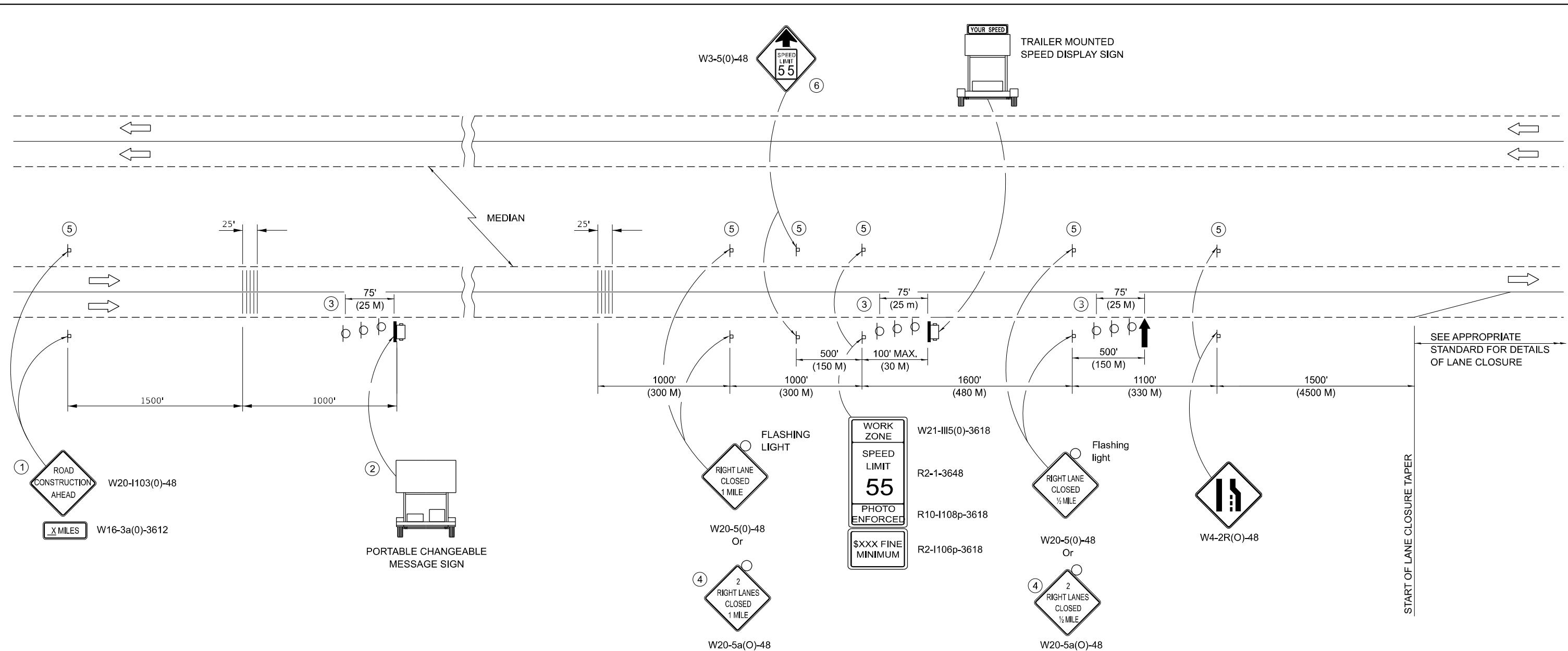
| | | | | | | | | | | | |
|------------------------------|------------------|-----------|---|-----------------------|----------|------|-------------|---------|--------|--------------|--------------------|
| USER NAME = ronald.woodshank | DESIGNED - RW | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN - RW | REVISED - | | 55 | (32-1)BP | | GRUNDY | 8 | 4 | | |
| | CHECKED - JS | REVISED - | | | | | | | | | CONTRACT NO. 66R94 |
| PLOT DATE = 7/17/2025 | DATE - 7/17/2025 | REVISED - | | SCALE: | 2 | OF 2 | SHEETS STA. | TO STA. | | ILLINOIS | FED.AID PROJECT |



TYPICAL SECTION



TYPICAL PAVEMENT MARKINGS



SYMBOLS

- ↑ ARROW BOARD
- ─ TRAILER MOUNTED SIGN
- ▢ SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② 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"
- ③ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' (8 M) CENTERS.
- ④ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑤ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 M).
- ⑥ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

GENERAL NOTES

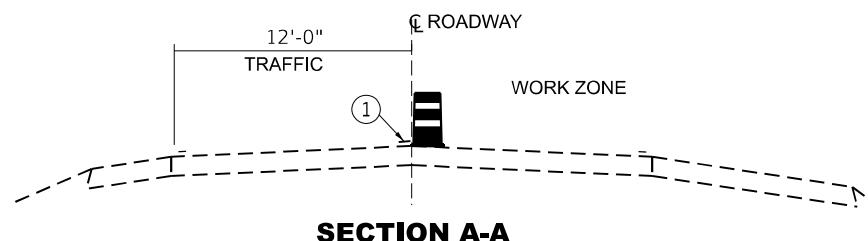
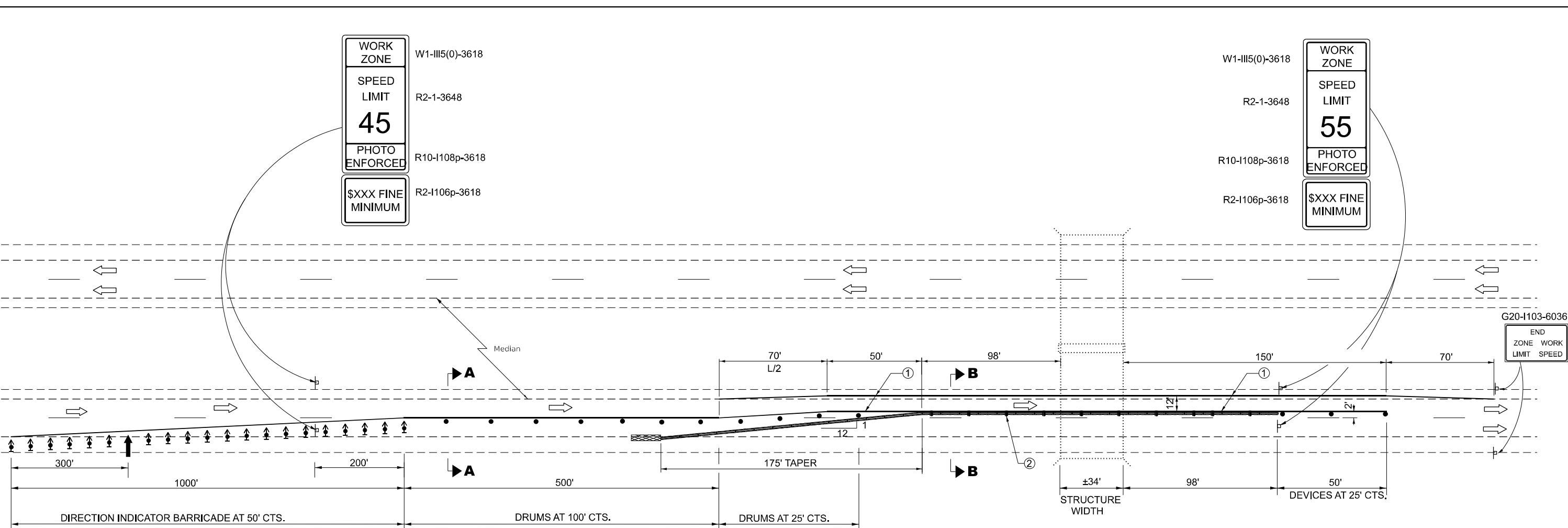
THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY. WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST SIGN AND THE MESSAGE BOARD ARE STATIONARY.

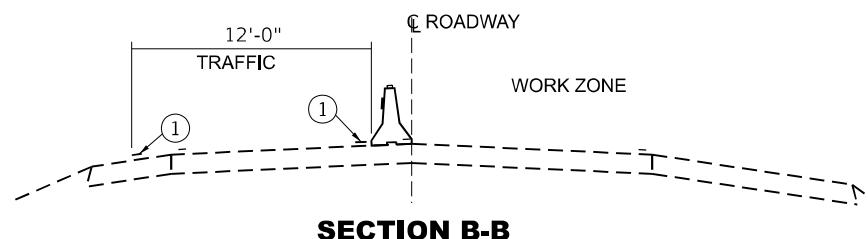
THE LAST FOUR SIGNS AND ARROW BOARD SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE STANDARD 701901 FOR TEMPORARY RUMBLE STRIP DETAILS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



SECTION A-A



SECTION B-B

SEQUENCE OF LANE CLOSURES

1. NORTHBOUND DRIVE LANE - INITIAL LANE CLOSURE SET-UP
2. NORTHBOUND PASSING LANE - RELOCATED TRAFFIC CONTROL
3. SOUTHBOUND DRIVE LANE - RELOCATED TRAFFIC CONTROL FROM NORTHBOUND LANES
4. SOUTHBOUND PASSING LANE - RELOCATED TRAFFIC CONTROL

SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ▢ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- △ MONODIRECTIONAL GUARDRAIL REFLECTOR
- ▨ IMPACT ATTENUATOR
- 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 DELINEATION SHALL BE ACCORDING TO THE TEMPORARY CONCRETE BARRIER WALL DELINEATION DETAILS. SEE SHEET XXX OF XXX.
- ③ VERTICAL BARRICADES SHALL NOT BE USED IN LANE SHIFT TAPER.

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.

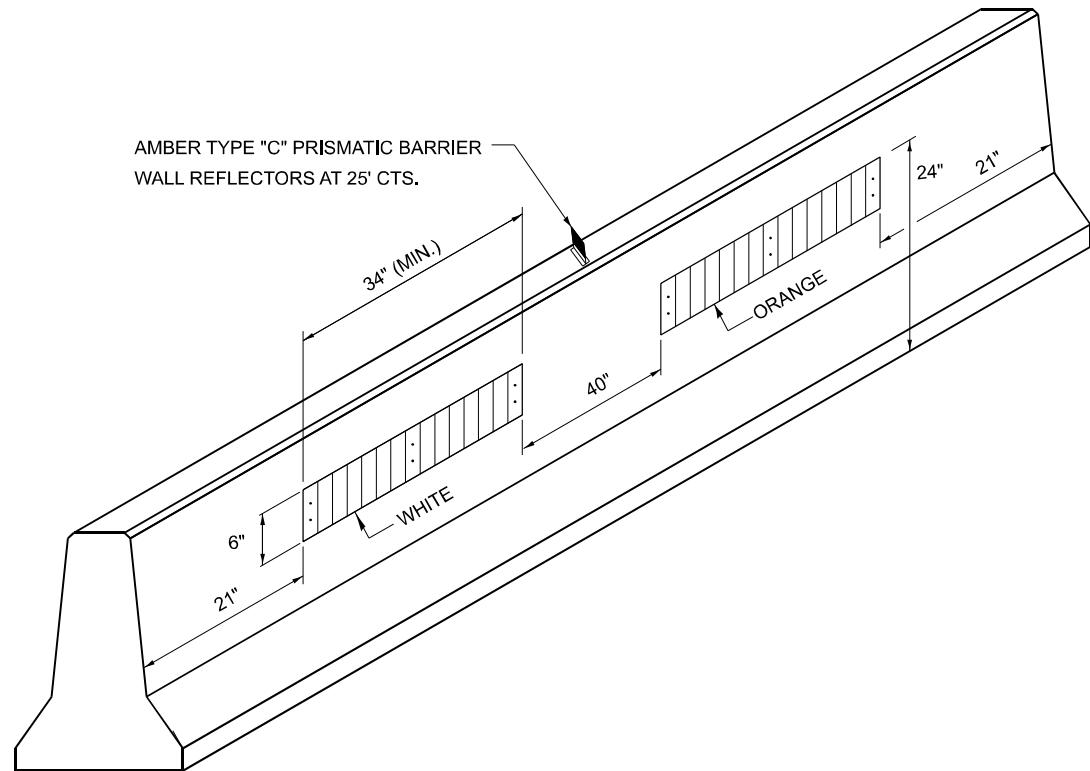
CALCULATE LAS FOLLOWS:

NORMAL POSTED SPEED: 45 MPH OR MORE

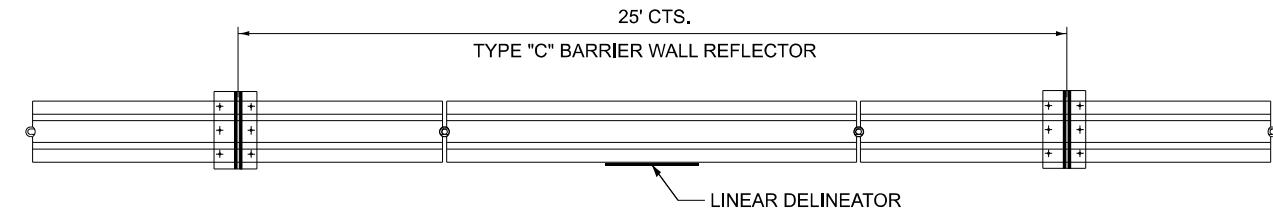
FORMULA: ENGLISH $L = (W)(S)$

W = WIDTH OF OFFSET IN FEET.

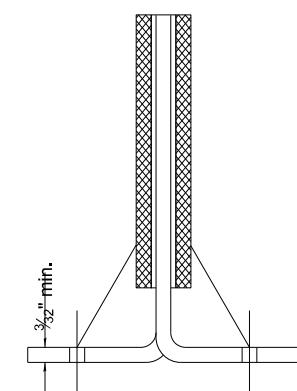
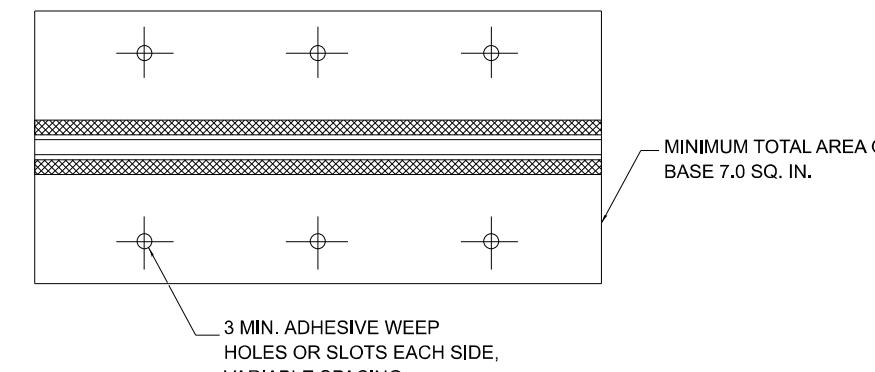
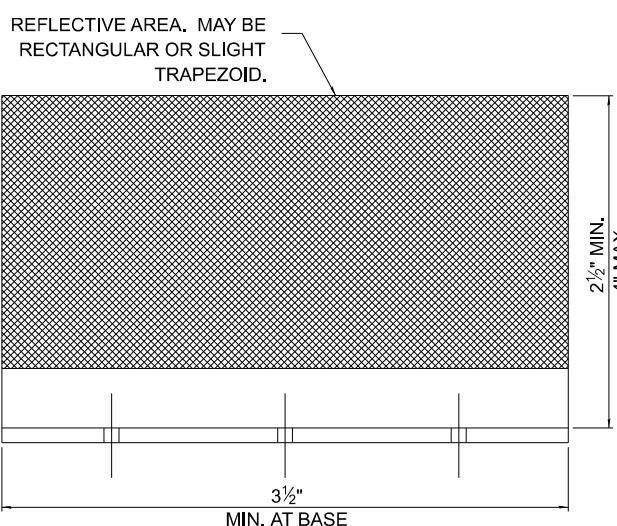
S = NORMAL POSTED SPEED IN MPH.



**LINEAR DELINEATOR PANELS
FOR TEMPORARY CONCRETE BARRIER**



TYPE "C" REFLECTOR FOR TEMPORARY CONCRETE BARRIER



Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTOR TYPE C