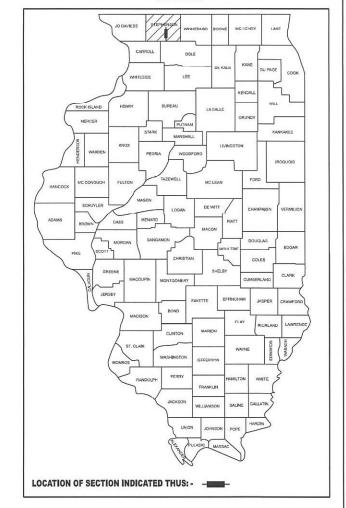
01-19-2024 LETTING ITEM 007

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STEPHENSON 12 1 D2 DR 2024-01

D-92-011-24



PROJECT BEGINS LAMM RD

STATE OF ILLINOIS

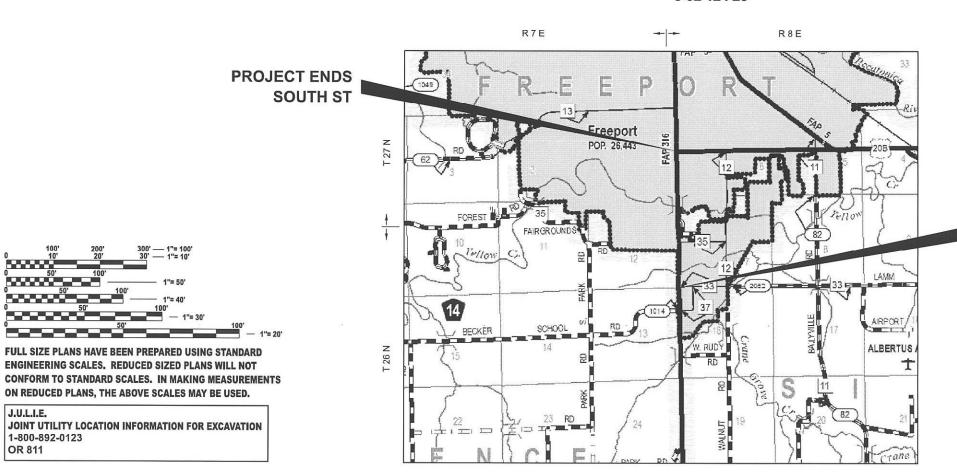
December 8, 2023

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROPOSED HIGHWAY PLANS

ROUTE FAP 316 (IL 26) SECTION D2 DR 2024-01 INLET & CURB REPAIR STEPHENSON COUNTY

C-92-124-23



GROSS LENGTH = 7290 FT. = 1.5 MILE **NET LENGTH = 7290 FT. = 1.5 MILE**

CONTRACT NO. 64S57

REV. 10/19/23

0

0

0

0

INDEX OF SHEETS

- COVER SHEET
- INDEX OF SHEETS, STANDARDS, GENERAL NOTES
- SUMMARY OF QUANTITIES
- SCHEDULE OF QUANTITIES
- 5-11 STANDARDS

HIGHWAY STANDARDS

606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-09	TRAFFIC CONTROL DEVICES

DISTRICT STANDARDS

13.2c	FRAME AND GRATE FOR INLETS, SPECIAL
17.4	CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED
34.1	WORK ZONE SIGN DETAILS
38.1	TRAFFIC CONTROL TRANSITION AREAS - CASE 2 (FOR NB TRAFFIC)
68.1	SLOTTED DRAIN PIPE (VARIABLE HEIGHT)
94.2	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS

GENERAL NOTES

STATIONING ALONG IL 26 USED FOR THIS PROJECT IS ESTABLISHED AT THE CENTERLINE OF LAMM RD. AS 0+00 HEADING NORTH, ANY MEASUREMENTS OR STATIONING STATED ON THE PLANS NEEDS TO BE VERIFIED AND ESTABLISHED IN THE FIELD.

ADJUST CURB AND GUTTER REMOVAL LIMITS TO THE NEAREST CONSTRUCTION JOINT WITHIN 5'. CURB AND GUTTER REMOVAL TO BE LAID OUT BY THE CONTRACTOR AND CONFIRMED BY THE ENGINEER PRIOR TO REMOVAL.

AT STATION 45+80 FOR PIPE DRAIN 12". THE EXISTING PIPE REMOVAL, ANY EXCAVATION, FURNISHED EXCAVATION, AND SEEDING REQUIRED SHALL BE INCLUDED IN THE COST OF PIPE DRAIN 12". APPROXIMATELY 4 CU. YDS. OF FURNISHED EX IS ESTIMATED. TO BE CONFIRMED IN THE FIELD. FINISHED GRADE SHALL MATCH EXISTING PROFILE OF THE DITCH.

NORTHBOUND TRAFFIC SHOULD UTILIZE DISTRICT STANDARD 38.1 (TRAFFIC CONTROL FOR TRANSITION AREAS - CASE 2). COST SHOULD BE INCLUDED WITH TRAFFIC CONTROL PROTECTION STANDARD 701601 WHICH IS TO BE UTILIZED FOR SOUTHBOUND TRAFFIC.

COMBINATION CURB AND GUTTER (SPECIAL) IS INTENDED FOR STATIONS 43+05 - 44+51 WHERE THE GUTTER FLAG TRANSITIONS FROM 2' TO 4'. THE APPROPIATE SECTIONS OF ARTICLE 606 OF THE STANDARD SPECIFICATIONS APPLY. THIS SECTION IS INTENDED TO BE POURED MONOLITHICALLY.

ISER NAME = Nicholas Vock DRAWN -REVISED -CHECKED -PLOT SCALE = 0.1697 '/ in. REVISED -PLOT DATE = 10/12/2023 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** **INDEX OF SHEETS & HIGHWAY STANDARDS** SHEET OF SHEETS STA. TO STA.

SCALE:

TOTAL SHEET NO. COUNTY STEPHENSON 12 2 D2 DR 2024-01 316 CONTRACT NO. 64S57 ILLINOIS FED. AID PROJECT

REV. 10/19/23

		,		CONSTR. CODE
	SUMMARY OF QUANTITIES			100% STATE
				NONE
CODE			TOTAL	0004
NO.	ITEM	UNIT	QUANTITY	S.N.
28000510	INLET FILTERS	EACH	5	5
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	397	397
44213200	SAWCUTS	FOOT	555	555
60100945	PIPE DRAINS 12"	FOOT	12	12
60260100	INLETS TO BE ADJUSTED	EACH	20	20
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	397	397
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70407005	OLIANOFARI E MEGGAGE GION	OAL BA	60	60
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	68	68
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	93	93
X6026108	INLETS TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE, SPECIAL	EACH	4	4
X6030100	REMOVE AND REPLACE LID	EACH	7	7
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	93	93
Z0065740	SLOTTED DRAIN 12" WITH VARIABLE SLOT	FOOT	45	45

USER NAME = Nicholas Vock	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.1667 '/in.	CHECKED -	REVISED -	
PLOT DATE = 10/12/2023	DATE -	REVISED -	
			Π

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

SCALE:

SUMMARY OF QUANTITIES

| SHEET OF SHEETS STA. TO STA. |

	EACH	1.00	CATIO	ON	OFFSET	REMARKS
		<u>LO</u> 1	JAIN	ON		
	5	TOTAL			LT & RT	As Directed by Resident Engineer
	5	IOTAL				
44000500	COMBINAT	TION CURB	AND	GUTTER	REMOVAL	
	FOOT	LO	CATIO	ON	OFFSET	REMARKS
	18	30+22	-	30+40	RT	
	18	31+92	-	32+10	RT	
	18	34+42	-	34+60	LT	
	18	38+76	-	38+94	RT	
	18	39+18	-	39+36	LT	
	18	41+95	-	42+13	RT	
	18	41+95	-	42+13	LT	
	12	43+54	-	43+66	LT	
	30	45+65	-	45+95	LT	
	15	52+32	-	52+47	RT	
	20 14	54+94	-	55+14 55+90	LT RT	
	14	55+76 55+99	-	56+09	LT	
	10	56+86	-	56+96	RT	
	12	56+86		56+96	LT	
	20	62+65		62+85	RT	
	14	64+98	-	65+12	RT	
	14	64+98	-	65+12	LT	
	18	67+55	-	67+64	RT	
	18	67+55	-	67+64	LT	
	10	71+60	-	71+70	RT	
	14	72+68	-	72+82	RT	
	18	74+98	-	75+16	RT	
	10	77+57	-	77+67	LT	
	30				LT & RT	As Directed by Resident Engineer
	397	TOTAL				
00400045	DIDE DDAI	NO 400				
60100945	PIPE DRAI	NS 12"				
	FOOT	LO	CATIO	ON	OFFSET	REMARKS
	12	45+80	-		LT	
	12	TOTAL				
60260100	INLETS TO	BE ADJUS	STED			
	540U				055057	PEMPKO
	EACH 1		CATIO	UN	<u>OFFSET</u>	REMARKS INLET SPL NO. 5 confirm in field
	1	25+95 30+31	\vdash		RT RT	INLET SPL NO. 5 confirm in field
	1	37+01			RT	INLET SPL NO. 5 confirm in field
	1	39+27	\vdash		LT	INLET SPECIAL
	1	42+04			LT	INLET SPECIAL
	1	42+04			RT	INLET SPECIAL
	1	43+60			LT	INLET SPECIAL
	1	44+46			RT	INLET SPECIAL
	1	45+80			LT	INLET SPECIAL
	1	52+40			RT	INLET SPECIAL
	1	55+04			LT	INLET SPECIAL
	1	56+04			LT	INLET SPECIAL
	1	56+91			LT	INLET SPECIAL
	1	56+91			RT	INLET SPECIAL
	1	62+75			RT	INLET SPECIAL
	1	65+05			RT	INLET SPECIAL
		71+65			RT	INLET SPECIAL
	1				RT	INLET SPECIAL
	1	72+75				
	1	75+07			RT	INLET SPECIAL
	1					INLET SPECIAL INLET SPECIAL

60605000					ID GUTTER, TYPE B-6	
	FOOT	LO	CAT	ION	OFFSET	REMARKS
	18	30+22		30+40	RT	
	18	31+92	-	32+10	RT	
	18	34+42	-	34+60	LT	
	18	38+76	-	38+94	RT	
	18	39+18	-	39+36	LT	
	18	41+95	-	42+13	RT	
	18	41+95	-	42+13	LT	
	12	43+54	-	43+66	LT	
	30	45+65	-	45+95	LT	
	15	52+32	-	52+47	RT	
	20	54+94	-	55+14	LT	
	14	55+76	-	55+90	RT	
	10	55+99	-	56+09	LT	
	10	56+86	-	56+96	RT	
	12	56+86	-	56+96	LT	
	20	62+65	-	62+85	RT	
	14	64+98	-	65+12	RT	
	14	64198	-	65 12	LT	
	18	67+55	-	67+64	RT	
	18	67+55		67+64	LT	
	10	71+60	-	71+70	RT	
	14	72+68	-	72+82	RT	
	18	74+98	-	75+16	RT	
	10	77+57	-	77+67	LT	
	30				LT & RT	As Directed by Resident Engineer
						-
	397	TOTAL				
X0324380	REMOVE	AND REPLA	CE	LID		
	EACH	LO	CAT	ION	OFFSET	REMARKS
	1	4+14			LT	INLET SPL NO. 8 confirm in field
	1	25+95			RT	INLET SPL NO. 5 confirm in field
	1	30+31			RT	INLET SPL NO. 5 confirm in field
	1	32+01			RT	INLET SPL NO. 5 confirm in field
	1	34+51			LT	INLET SPL NO. 5 confirm in field
	1	34+51			RT	INLET SPL NO. 5 confirm in field
	1	37+01			RT	INLET SPL NO. 5 confirm in field
	6	TOTAL			IXI	INCL I SI E NO. 3 commit in heid
	•	IOIAL				
X4400500	COMBINA	TION CURB	ANI	GUTTER	REMOVAL (SPECIAL)	
	FOOT	10	CAT	ION	OFFSET	<u>REMARKS</u>
	68	43+05	-	43+73	RT	Gutter width 2'-4'
	25	44+26	-	44+51	RT	Guiter Wildin 2 4
	93	TOTAL	-	44+31	IXI	
	- 55	IOIAL				
X6026108	INLETS TO	BE RECO	NST	RUCTED W	TH NEW FRAME AND	GRATE (SPECIAL)
	EACH	10	CAT	ION	OFFSET	REMARKS_
	4		J, 11		LT & RT	As Directed by Resident Engineer
	4	TOTAL			21 3 101	, to 5100.00 by Hooldon Engineer
	-	IOTAL				
X6060052	COMBINA	TION CURB	ANI	GUTTER,	TYPE B-6.24 (SPECIA	L)
	FOOT		CAT	ION	<u>OFFSET</u>	REMARKS
		43+05	-	43+73	RT	Gutter width 2'-4'
	68		-	44+51	RT	
	68 25	44+26				
		44+26 TOTAL				
	25	_				
Z0065740	25 93	TOTAL		H 2 1/2" SL	ОТ	
Z0065740	93 SLOTTED	TOTAL DRAIN 12"	WIT			
Z0065740	25 93 SLOTTED	DRAIN 12"	WIT	H 2 1/2" SLO	<u>OFFSET</u>	<u>REMARKS</u>
Z0065740	25 93 SLOTTED EACH 5	TOTAL DRAIN 12" LO 38+85	WIT		OFFSET RT	REMARKS
Z0065740	25 93 SLOTTED EACH 5 5	TOTAL DRAIN 12" LO 38+85 39+27	WIT		OFFSET RT LT	REMARKS
Z0065740	25 93 SLOTTED EACH 5	TOTAL DRAIN 12" LO 38+85	WIT		OFFSET RT	REMARKS
Z0065740	25 93 SLOTTED EACH 5 5	TOTAL DRAIN 12" LO 38+85 39+27	WIT		OFFSET RT LT	REMARKS
Z0065740	25 93 SLOTTED EACH 5 5	DRAIN 12" LO 38+85 39+27 42+02	WIT		OFFSET RT LT RT	<u>REMARKS</u>
Z0065740	25 93 SLOTTED EACH 5 5 5 5	DRAIN 12" LO 38+85 39+27 42+02 52+40	WIT		OFFSET RT LT RT RT	REMARKS
Z0065740	25 93 SLOTTED EACH 5 5 5 5 5	DRAIN 12" LO 38+85 39+27 42+02 52+40 55+04	WIT		OFFSET RT LT RT RT LT RT LT	REMARKS
Z0065740	25 93 SLOTTED EACH 5 5 5 5 5	DRAIN 12" LO 38+85 39+27 42+02 52+40 55+04 56+04	WIT		OFFSET RT LT RT RT LT LT LT LT LT	REMARKS
Z0065740	25 93 SLOTTED EACH 5 5 5 5 5 5	DRAIN 12" LO 38+85 39+27 42+02 52+40 55+04 56+04 67+55	WIT		OFFSET RT LT RT RT LT RT LT RT LT RT	REMARKS

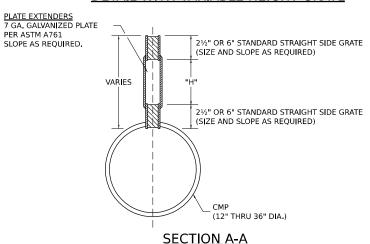
USER NAME = Nicholas Vock	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 '/in.	CHECKED -	REVISED -
PLOT DATE = 10/12/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

							F.A. RTE	SEC.	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES											STEPHENSON		4
											CONTRACT	NO. 648	S57
	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

DETAIL WITH VARIABLE HEIGHT GRATE

SIDE VIEW



GENERAL

Class SI Concrete shall be used throughout.
This specification covers Slottted Drain used for the removal of water as shown on the plans. The Slotted Drain shall be Corrugated Pipe Culvert with Integral Slotted Drains, Before placing the concrete adjacent to the pipe, the slot shall be covered by either thin, flat

metal sheeting or by a board notched to fit over the grate bars. This covering must fit closely in the slot to prevent entry of concrete into the pipe. Paving over the slotted drain will then be one continuous operation over the protected drain. The protection for the drain slot shall then be removed. The pipe shall drain into the side of the inlet. The opening where the slot

is removed shall be covered to prevent concrete from entering the pipe. The Corrugated Steel Pipe used in the Slotted Drain shall meet the requirements of AASHTO M36/ASTM A760.

The CMP shall be ALUMINIZED STEEL Type 2. The diameter shall be as shown on the plans.

Steel grating shall meet the galvanizing requirements of AASHTO M111,
This work will be paid for at the contract unit price per foot for SLOTTED DRAIN of the pipe diameter

specified WITH VARIABLE SLOT, or SLOTTED DRAIN, of the pipe diameter specified, WITH 6" SLOT, and shall include concrete and grating for depth specified on plans. Use approved end cap to prevent concrete entry into the pipe during gutter construction on the

upstream end of the pipe.

CONNECTIONS

The Corrugated Steel Pipe shall have a minimum of two rerolled annular ends, The Slotted Drain bands shall be modified HUGGER Bands to secure the pipe and prevent

When the Slotted Drain is banded together, the adjacent grates shall have a maximum 3" gap.

GRATES

The grates shall be manufactured from ASTM A670, Grade 36 steel. The spacers and bearing bars (sides) shall be 3/16 " material ± 0.008 ".

The spacers shall be on 6" centers and welded on both sides to each bearing bar (sides) with four (4) 1-1/4 " long 3/16 " fillet welds on each side of the bearing bar.

The plate extender shall be 7 gage steel meeting ASTM A761. The engineer may call for tensile strength tests on the grate if the grate is not in compliance with the above spacer specifications. If tensile strength tests are called for, minimum results

for an in-place spacer pulled perpendicular to the bearing bar shall be: T=12,000 pounds for 2-1/2 " grate

T= 15,000 pounds for 6" grate

GALVANIZING

The grate and plate extenders shall be galvanized in accordance with ASTM A123 except with a 2 oz. galvanized coating.

The grate shall be fillet welded with a minimum weld 1" long to the CSP on each side of the grate at every other corrugation

JSER NAME = Nicholas Vock

PLOT DATE = 10/12/2023

DESIGNED -

CHECKED

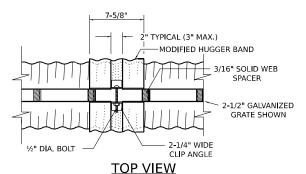
DRAWN

DATE

TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTHS

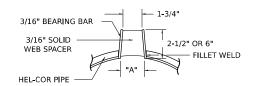
Vertical Bow= ± 3/8 " Horizontal Bow= \pm 5/8 Twist= \pm 1/2 "

SLOTTED DRAIN PIPE

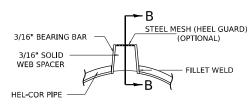


2-1/4" WIDE CLIP ANGLE 2" TYPICAL (3" MAX.) ½" DIA. BOLT 2-1/2" GALVANIZED GRATE SHOWN

SIDE VIEW



SECTION A-A STANDARD DETAIL



SECTION A-A **DETAIL WITH MESH**

(TRAPEZOIDAL GALVANIZED GRATE SHOWN)

STANDARD SIZES								
GAGE	DI	АМЕ	TEF	₹ OF	PIF	Έ		
PIPE	12"	15"	18"	24"	30"	36"		
16	Х	Х	Х	Х	Х	Х		
14	Х	Х	Х	Х	Х	Х		
12	N.A.	N.A.	N.A.	N.A.	Х	Х		

_	GRATE TYPE	"A"				
VERT	2-1/2"	1-3/4"				
VERT	6"	1-3/4"				
TRAP	2-1/2"	2-1/4"				
TRAP	6"	3"				
VERT = VERTICAL TRAP = TRAPIZOIDAL						

SLOTTED DRAIN NOTES

REVISED - 1-05-16

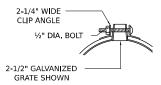
REVISED - 6-27-14

10-18-11

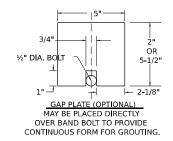
REVISED -

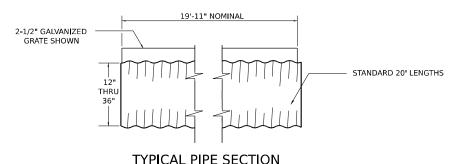
REVISED

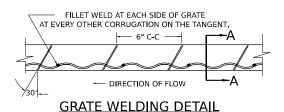
- 1. GRATING IS AVAILABLE IN DEPTHS OF 2-1/2" AND 6".
- 2. VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS
- 3. FOR 6" VERTICAL & TRAPIZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 4'
- 4. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
- 5. DIMENSIONS FOR H AND H AS REQUIRED.
- 6. H AND H MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE,

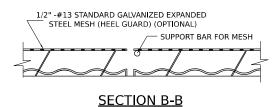


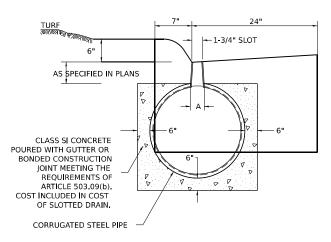
END VIEW







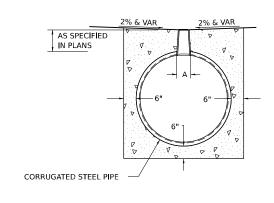




DETAIL FOR CURB & GUTTER

OF

SHEET



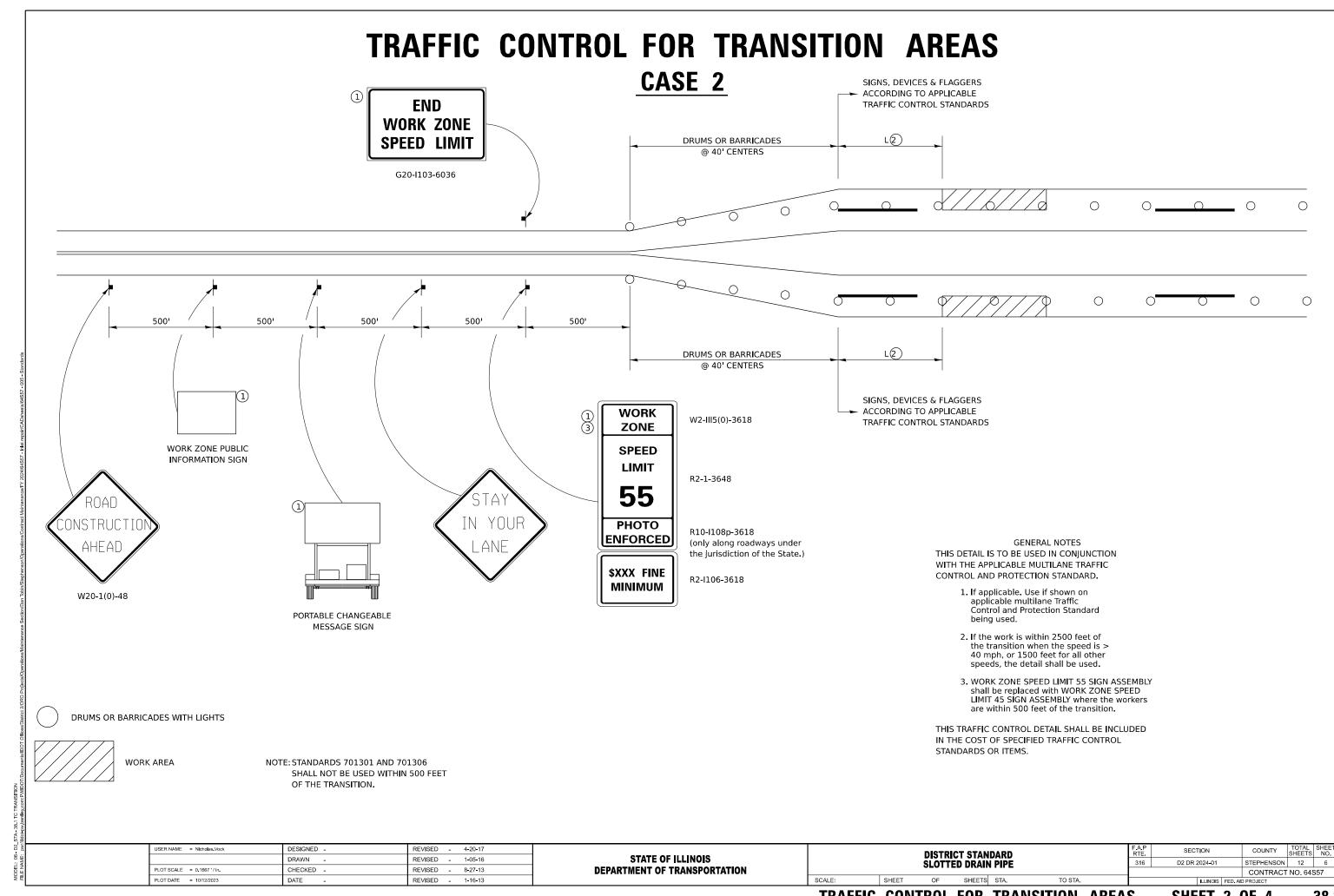
DETAIL FOR CROSSOVERS DRIVEWAYS, OR PARKING LOTS

ALL DIMENSIONS ARE IN INCHES UNLESS

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

SCALE:

				OTHERW	AISE NOTED.			
DISTRI	CT STAN	DARD		F.A.P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
	ED DRAIN			316	D2 DR 2024-01	STEPHENSON	12	5
						CONTRACT	NO. 649	357
0.5	OUEETO	OT4	TO OTA					



CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

(DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDER-LYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

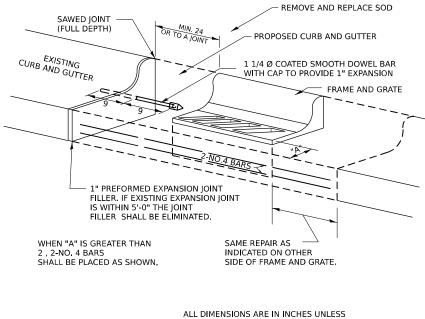
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

REVISED - 9-30-11

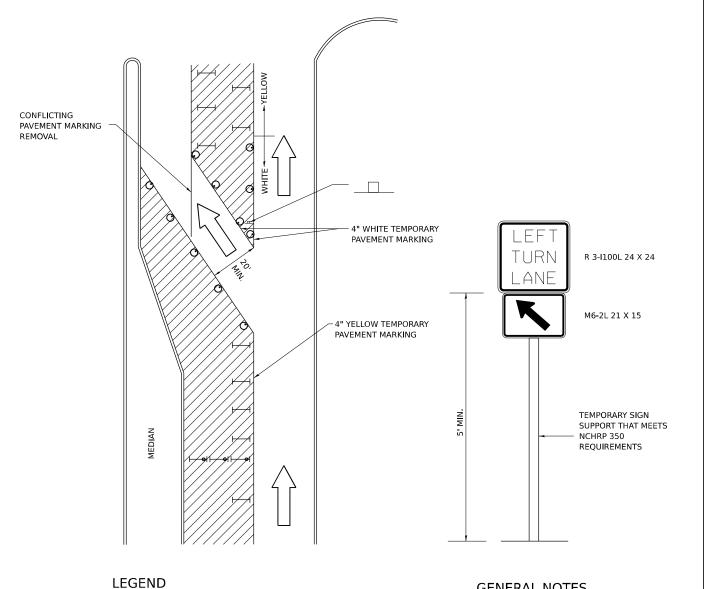


OTHERWISE NOTED

17.4

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



WORK AREA

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT

LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION,

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR

DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

GENERAL NOTES

WITH FLASHING BURNING LIGHT

TYPE I OR II BARRICADE OR DRUM

DRUM OR BARRICADE WITH STEADY BURN LIGHT

LANE OPEN TO TRAFFIC

SIGN (SEE DETAIL)

TYPE I OR II CHECK BARRICADE WITH STEADY

"RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED

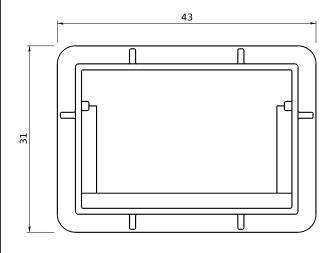
THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

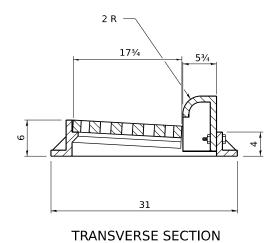
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

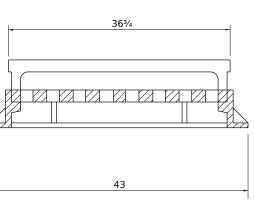
REVISED - 10-14-11					F.A.P RTE	SEC-	TION		COUNTY	TOTAL	SHEET NO.		
REVISED -		REGION 2 / DISTRICT 2 STANDARD										12	7
REVISED -											CONTRACT	NO. 645	357
REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT					

FRAME AND GRATE FOR INLETS, SPECIAL

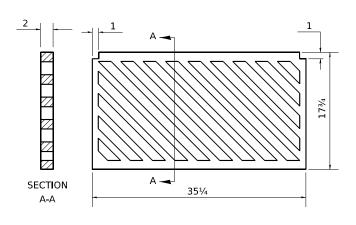


PLAN OF FRAME
WITHOUT GRATE AND CURB BOX





LONGITUDINAL SECTION



PLAN OF GRATE

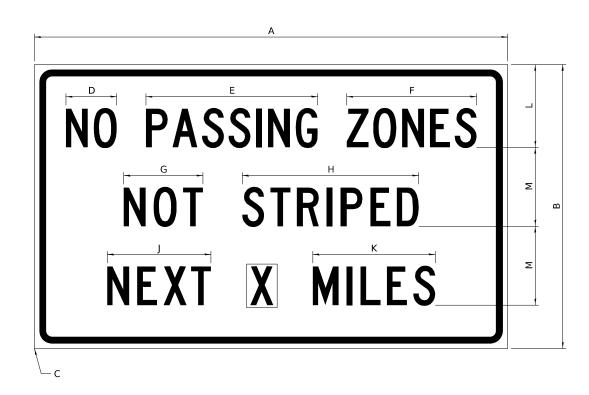
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

R 3067 OR EQUIVALENT APPROXIMATE WEIGHT - 510 LBS.

REVISED - 6-27-14
REVISED - 10-13-11
REVISED - 10-13-11
REVISED - 6-27-14
REVISED - 10-13-11
REGION 2 | DISTRICT 2 STANDARD
REGION 3 | DISTRICT 2 STANDARD
REGION 2 | DISTRICT 2 STANDARD
REGION 3 | DISTRICT 2 STANDARD
REGION 3 | DISTRICT 2 STANDARD
REGION 4 | DISTRICT 2 STANDARD
REGION 5 | DISTRICT 2 STANDARD
REGION 5 | DISTRICT 2 STANDARD
REGION 6 |

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20–I100



COLOR LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE		DIMENSIONS										
SIGN SIZE	A B C D E F G H J K L						М					
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SICN SIZE	SER	IES BY L	INE	MARGIN	BORDER	
SIGN SIZE	1	2	3	MANGIN	BORDER	
60 x 36	5C	5C	5C	0.625	0.875	

Sign not to scale

GENERAL NOTES

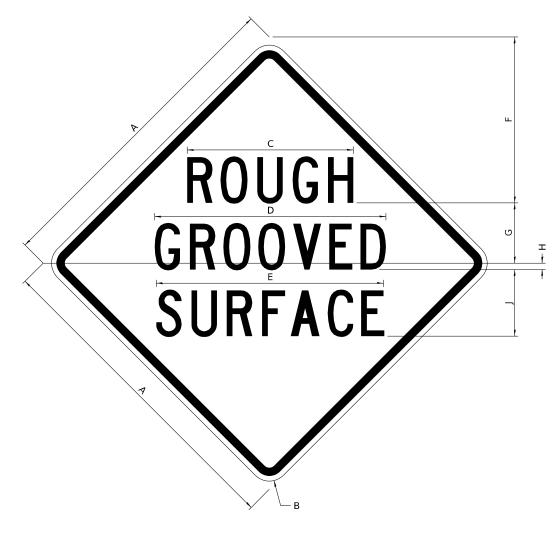
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W8–I107



COLOR BACK

LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE				DIM	IENSIC	ONS			
SIGN SIZE	Α	В	С	D	Е	F	G	Н	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

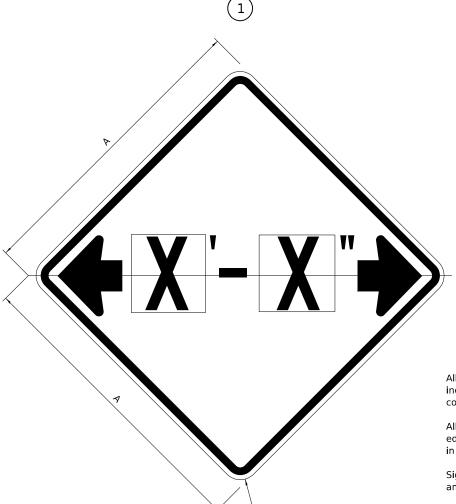
SIGN SIZE	SER	IES BY L	INE	MARGIN	BORDER
SIGN SIZE	1	2	3	MARGIN	BURDER
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

USER NAME = Nicholas Vock	DESIGNED -	REVISED - 3-02-16								F.A.P RTF	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		W	ORK ZOI	NE SIGN	DETAILS		316	D2 DR 2024-01	STEPHENSON	12	8
PLOT SCALE = 0.1667 '/in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							7.7		CONTRACT	T NO 645	S57
PLOT DATE = 10/12/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FEE	· AID PROJECT		

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12–I102



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

LEGEND AND BORDER BACKGROUND

BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

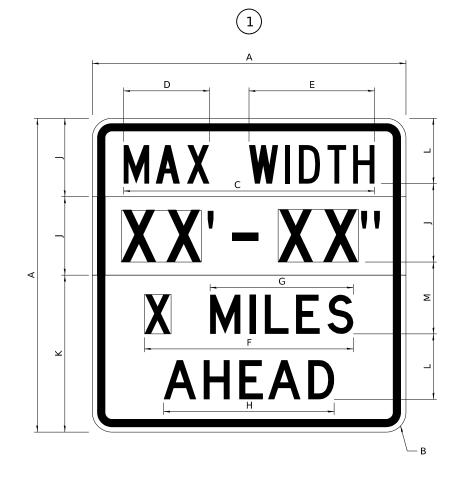
SIGN SIZE	DIMEN	SIONS
SIGN SIZE	Α	В
48 x 48	48.00	3.00

Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SICN SIZE	SERIES BY LINE	MARGIN	BORDER	
SIGN SIZE	1	MARGIN	BORDER	
48 x 48	12C	0.750	1.250	

Sign not to scale

ILLINOIS STANDARD W12–I103



LEGEND AND BORDER BACKGROUND BACKGROUND (WIDTH) **BLACK** WHITE FL ORANGE NON-REFLECTORIZED REFLECTOR**I**ZED REFLECTORIZED

SIGN SIZE		DIMENSIONS										
SIGN SIZE	Α	A B C D E F G H J K L M										
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	,	SERIES I	BY LINE		MARGIN	BORDER
SIGN SIZE	1	2	3	4	MARGIN	BURDER
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

USER NAME = Nicholas Vock	DESIGNED -	REVISED - 3-02-16			<u> </u>			<u> </u>	·	F.A.P RTF	SECTION	COUNTY	TOTAL S	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		W	ORK ZO	NE SIGN	DETAILS		316	D2 DR 2024-01	STEPHENSON	12	9
PLOT SCALE = 0.1667'/in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION										T NO. 64S	57
PLOT DATE = 10/12/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR

LEGEND AND BORDER BACKGROUND

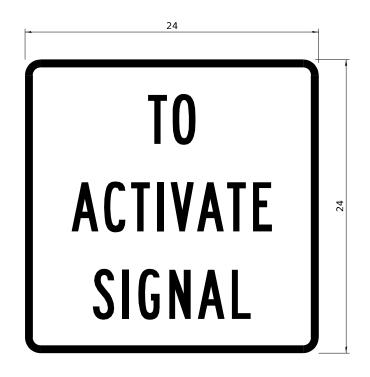
BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border; [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D; Table of letter and object lefts.

N 11.7	O 18.1	O 30.0	V 36.2	E 42.8	R 48.4	S 54.4	 60.7	Z 63.5	E 69.5	- 80.8				
O 2.6	V 8.6	E 15.0	R 20.4	W 26.2	E 33.4	I 38.8	G 41.3	H 47.4	T 53.2	L 64.5	O 69.9	A 75.9	D 82.9	S 88.7
X 7.6	X 13.6	M 25.3	 32.3	L 35.1	E 40.6	S 46.2	A 57.9	H 65.1	E 71.4	A 76.6	D 83.7			

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR

LEGEND AND BORDER BACKGROUND

BLACK WH**I**TE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	SERIES BY LINE						
SIGN SIZE	1	2	3				
24 x 24	4C	4C	4C				

Sign not to scale

GENERAL NOTES

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Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

USER NAME = Nicholas Vock	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = 0.1667 '/in.	CHECKED -	REVISED -
PLOT DATE = 10/12/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

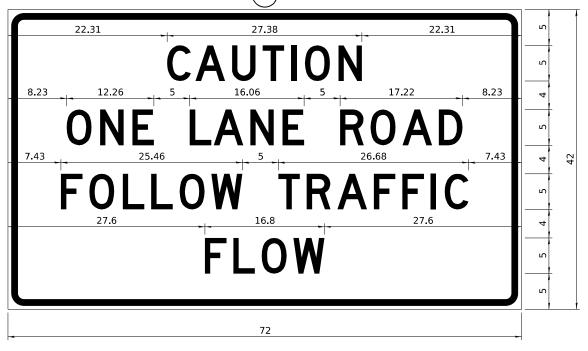
WORK ZONE SIGN DETAILS

SHEET OF SHEETS STA.

| FA.P | SECTION | COUNTY | TOTAL | SHEETS | STEET | S

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

WORK ZONE SIGN DETAILS



COLOR LE

LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" IndenT; [CAUTION] D; [ONE LANE ROAD] D; [FOLLOW TRAFFIC] D; [FLOW] D

This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C 3.36	0.62	A 4.18	0.94	U 3.36	0.94	T 3.04	0.94	I 0.78	1.17	O 3.52	1.17	N 3.36	22.31	
-------	-----------	------	-----------	------	-----------	------	-----------	------	------------------	------	-----------	------	-----------	-------	--

	0		N		Е
8.23	3.51	1.17	3.36	1.18	3.04

	L		Α		N		Е
5.00	3.05	0.31	4.18	0.94	3.36	1.17	3.05

	R		0		Α		D	
5.00	3.36	0.93	3.52	0.94	4.18	0.93	3.36	8.23

5.00	T 3.05	0.94	R 3.36	0.94	A 4.18	0.93	F 3.05	0.94	F 3.04	0.94	I 0.78	1.18	C 3.35	7.43	
------	-----------	------	-----------	------	-----------	------	-----------	------	-----------	------	------------------	------	-----------	------	--

	F		L		0		W	
27.60	3.05	0.94	3.04	0.94	3.52	0.93	4.38	27.60

Sign not to scale

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book"

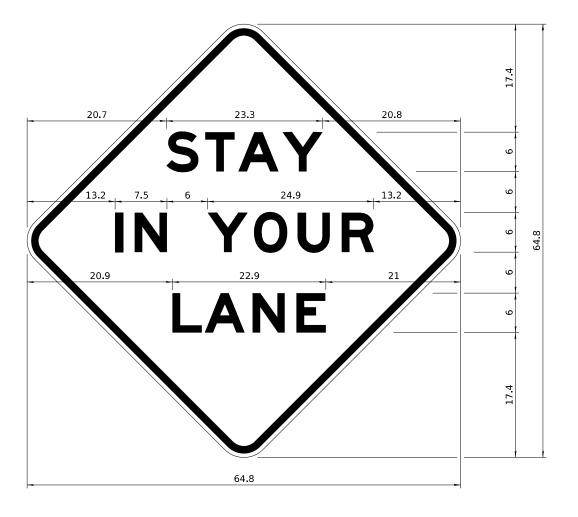
Signs shall meet the applicable portions of Sections 701

All dimensions are in inches unless otherwise noted.

in effect on the date of invitation for bids.

and 720 of the Standard Specifications.

STAY IN YOUR LANE



COLOR

SCALE:

LEGEND AND BORDER BACKGROUND

BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent; "STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

ſ	S	Т	Α	Υ
	20.7	26.8	31.6	38.0

I N Y 13.2 15.9 26.7	O	U	R
	33.9	40.5	46.8

L	Α	N	Е		
20.9	25.8	33.1	39.4		

Sign not to scale

WORK ZONE SIGN DETAILS					F.A.P RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
					316	D2 DR 2024-01		STEPHENSON	12	12		
										CONTRACT	NO. 649	357
	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						