



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

SULLIVAN TOWNSHIP

County

Moultrie

Section Number

21-07138-00-DR

Route(s) (Street/Road Name)

T.R. 107A (cr 1400 N)

Type of Funds

LOCAL

☐ Proposal Only ☒ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature

Date

Richard J. Potholke

4-7-21

Submitted/Approved

County Engineer/Superintendent of Highways

Date

Gaffney L. Birch

4/07/2021

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
SULLIVAN TOWNSHIP	Moultrie	21-07138-00-DR	T.R. 107A (cr 1400 N)

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of THE MOULTRIE COUNTY HIGHWAY DEPT.

10 SOUTH MAIN SULLIVAN, IL until 10:00 am on 4/30/2021
Address Time Date

Sealed proposals will be opened and read publicly at the office of THE MOULTRIE COUNTY BOARD

10 SOUTH MAIN SULLIVAN, IL at 10:00 am on 4/30/2021
Address Time Date

DESCRIPTION OF WORK

Location	Project Length
4.8 MILES WEST OF SULLIVAN	200 FEET

Proposed Improvement

REMOVAL OF 1 CIP BOX AND 1 CMP CULVERT, REPLACING THEM WITH 2 PRECAST BOX CULVERTS AND ALL NECESSARY ROADWAY AND EARTH WORK TO COMPLETE THE PROJECT.

1. Plans and proposal forms will be available in the office of

THE MOULTRIE COUNTY HIGHWAY DEPARTMENT

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
SULLIVAN TOWNSHIP	Moultrie	21-07138-00-DR	T.R. 107A (cr 1400 N)

PROPOSAL

1. Proposal of _____ Contractor's Name _____
 _____ Contractor's Address _____
2. The plans for the proposed work are those prepared by THE MOULTRIE COUNTY HIGHWAY DEPARTMENT
 and approved by _____ on April 6, 2021
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within 15 working days or by _____ unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will _____ be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will _____ be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: MOULTRIE COUNTY Treasurer of MOULTRIE COUNTY.
 The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number 21-07138-00-DR.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
SULLIVAN TOWNSHIP	Moultrie	21-07138-00-DR	T.R. 107A (cr 1400 N)

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
SULLIVAN TOWNSHIP	Moultrie	21-07138-00-DR	T.R. 107A (cr 1400 N)

SIGNATURES

(If an individual)

Signature of Bidder		Date
Business Address		
City	State	Zip Code

(If a partnership)

Firm Name		
Signature		Date
Title		
Business Address		
City	State	Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name		
Signature		Date
Title		
Business Address		
City	State	Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

Moultrie County Highway Department

County

Moultrie

Section Number

21-07138-00-DR

Route(s) (Street/Road Name)

TR 107A (1400N)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
28100207	STONE RIP RAP, CLASS A 4	TON	62		
50100100	REM EXIST STRUCT	EACH	1		
50105220	PIPE CULVERT REMOVAL	FOOT	36		
54001001	BOX CUL END SEC C1	EACH	2		
54001002	BOX CUL END SEC C2	EACH	2		
54010602	PCBC 6X2	FOOT	30		
54010703	PCBC 7X3	FOOT	30		
X7011800	TRAF CONT-PROT BLR 21	L.SUM	1		
XX004633	FIELD TILE ADJUSTMENT	EACH	2		
Bidder's Total Proposal					\$0.00

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.

BDE SPECIAL PROVISIONS
For the April 23 and June 11, 2021 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

File Name	#		Special Provision Title	Effective	Revised
80099	1	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	April 1, 2020
80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192	3	☐	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
80436	6	☒	Blended Finely Divided Minerals	April 1, 2021	
80241	7	☐	Bridge Demolition Debris	July 1, 2009	
50261	8	☐	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	9	☐	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	10	☐	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	11	☐	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80425	12	☐	Cape Seal	Jan. 1, 2020	Jan. 1, 2021
80384	13	☐	Compensable Delay Costs	June 2, 2017	April 1, 2019
80198	14	☐	Completion Date (via calendar days)	April 1, 2008	
80199	15	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	16	☐	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	17	☐	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80261	18	☐	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80387	19	☐	Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
80434	20	☐	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
80029	21	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
80402	22	☐	Disposal Fees	Nov. 1, 2018	
80378	23	☐	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
80421	24	☐	Electric Service Installation	Jan. 1, 2020	
80415	25	☐	Emulsified Asphalts	Aug. 1, 2019	
80423	26	☐	Engineer's Field Office and Laboratory	Jan. 1, 2020	
80229	27	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80417	28	☐	Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
80420	29	☐	Geotextile Retaining Walls	Nov. 1, 2019	
80433	30	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	
80304	31	☐	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2020
80422	32	☐	High Tension Cable Median Barrier	Jan. 1, 2020	Nov. 1, 2020
80416	33	☐	Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
80398	34	☐	Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
80406	35	☐	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Jan. 1, 2019	Jan. 2, 2021
80347	36	☐	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
80383	37	☐	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
80411	38	☐	Luminaires, LED	April 1, 2019	
80393	39	☐	Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
80045	40	☐	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80418	41	☐	Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
80424	42	☐	Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	Jan. 1, 2021
80428	43	☐	Mobilization	April 1, 2020	
80412	44	☐	Obstruction Warning Luminaires, LED	Aug. 1, 2019	
80430	45	☐	Portland Cement Concrete – Haul Time	July 1, 2020	
80359	46	☐	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019

80431	47	☐	Portland Cement Concrete Pavement Patching	July 1, 2020	
80432	48	☐	Portland Cement Concrete Pavement Placement	July 1, 2020	
80300	49	☐	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
34261	50	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	51	☐	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	52	☐	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 2, 2021
80407	53	☐	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
80419	54	☐	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
80395	55	☐	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	56	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	57	☐	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80408	58	☐	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
80413	59	☐	Structural Timber	Aug. 1, 2019	
80397	60	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	61	☐	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
* 80437	62	☐	Submission of Payroll Records	April 1, 2021	
* 80435	63	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	April 1, 2021
80298	64	☐	Temporary Pavement Marking	April 1, 2012	April 1, 2017
80409	65	☐	Traffic Control Devices - Cones	Jan. 1, 2019	
80410	66	☐	Traffic Spotters	Jan. 1, 2019	
20338	67	☐	Training Special Provisions	Oct. 15, 1975	
80318	68	☐	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
80429	69	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	
80288	70	☐	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	71	☐	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80414	72	☐	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
80427	73	☐	Work Zone Traffic Control Devices	Mar. 2, 2020	
80071	74	☐	Working Days	Jan. 1, 2002	

The following special provisions are in the 2021 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80277	Concrete Mix Design – Department Provided	Check Sheet #37	Jan. 1, 2012	April 1, 2016
80405	Elastomeric Bearings	Article 1083.01	Jan. 1, 2019	
80388	Equipment Parking and Storage	Article 701.11	Nov. 1, 2017	
80165	Moisture Cured Urethane Paint System	Article 1008.06	Nov. 1, 2006	Jan. 1, 2010
80349	Pavement Marking Blackout Tape	Articles 701.04, 701.19(f), 701.20(j) and 1095.06	Nov. 1, 2014	April 1, 2016
80371	Pavement Marking Removal	Articles 783.02-783.04, 783.06 and 1101.13	July 1, 2016	
80389	Portland Cement Concrete	Article 1020.04 Table 1 and Note 4	Nov. 1, 2017	
80403	Traffic Barrier Terminal, Type 1 Special	Articles 631.04 and 631.12	Nov. 1, 2018	

The following special provisions have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80317	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- Bridge Demolition Debris
- Building Removal - Case I
- Building Removal – Case II
- Building Removal - Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days



Local Public Agency	County	Section Number
MOULTRIE COUNTY HIGHWAY DEPARTMENT	Moultrie	21-07138-00-DR

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

Check Sheet #		Page No.
1	☐ Additional State Requirements for Federal-Aid Construction Contracts	97
2	☐ Subletting of Contracts (Federal-Aid Contracts)	100
3	☐ EEO	101
4	☐ Specific EEO Responsibilities Non Federal-Aid Contracts	111
5	☐ Required Provisions - State Contracts	116
6	☐ Asbestos Bearing Pad Removal	122
7	☐ Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	123
8	☐ Temporary Stream Crossings and In-Stream Work Pads	124
9	☐ Construction Layout Stakes Except for Bridges	125
10	☐ Construction Layout Stakes	128
11	☐ Use of Geotextile Fabric for Railroad Crossing	131
12	☐ Subsealing of Concrete Pavements	133
13	☐ Hot-Mix Asphalt Surface Correction	137
14	☐ Pavement and Shoulder Resurfacing	139
15	☐ Patching with Hot-Mix Asphalt Overlay Removal	140
16	☐ Polymer Concrete	142
17	☐ PVC Pipeliner	144
18	☐ Bicycle Racks	145
19	☐ Temporary Portable Bridge Traffic Signals	147
20	Reserved	149
21	☐ Nighttime Inspection of Roadway Lighting	150
22	☐ English Substitution of Metric Bolts	151
23	☐ Calcium Chloride Accelerator for Portland Cement Concrete	152
24	☐ Quality Control of Concrete Mixtures at the Plant	153
25	☐ Quality Control/Quality Assurance of Concrete Mixtures	161
26	☐ Digital Terrain Modeling for Earthwork Calculations	177
27	Reserved	179
28	☐ Preventive Maintenance - Bituminous Surface Treatment (A-1)	180
29	Reserved	186
30	Reserved	187
31	Reserved	188
32	☐ Temporary Raised Pavement Markers	189
33	☐ Restoring Bridge Approach Pavements Using High-Density Foam	190
34	☐ Portland Cement Concrete Inlay or Overlay	193
35	☐ Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	197
36	☐ Longitudinal Joint and Crack Patching	200
37	☐ Concrete Mix Design - Department Provided	202

MOULTRIE COUNTY HIGHWAY DEPARTMENT

Moultrie

21-07138-00-DR

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	204
LRS 2	☐ Furnished Excavation	205
LRS 3	☐ Work Zone Traffic Control Surveillance	206
LRS 4	☒ Flaggers in Work Zones	207
LRS 5	☒ Contract Claims	208
LRS 6	☒ Bidding Requirements and Conditions for Contract Proposals	209
LRS 7	☐ Bidding Requirements and Conditions for Material Proposals	215
LRS 8	Reserved	221
LRS 9	☐ Bituminous Surface Treatments	222
LRS 10	Reserved	223
LRS 11	☒ Employment Practices	224
LRS 12	☒ Wages of Employees on Public Works	226
LRS 13	☒ Selection of Labor	228
LRS 14	☐ Paving Brick and Concrete Paver Pavements and Sidewalks	229
LRS 15	☐ Partial Payments	232
LRS 16	☒ Protests on Local Lettings	233
LRS 17	☒ Substance Abuse Prevention Program	234
LRS 18	☐ Multigrade Cold Mix Asphalt	235

Index of Special Provisions

Description of Work.....	1
Traffic Control Plan	1
Precautions for Utilities	2
Precast Concrete Box Culvert.....	2
Channel Excavation	3
Field Tile Adjustment	3
Toe Walls.....	3
Working Days	3

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction, Adopted January 1, 2016", the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein, which apply to and govern the proposed improvement of County Highway 15 in Moultrie Co, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

DESCRIPTION OF WORK

The proposed improvement consists of the removal of two existing structures of similar size and replacing them with a 6' x 2' X 42' and a 7' x 3' X 36' Precast concrete Box Culverts in Moultrie County. The Work includes tile adjustments, seeding, mulching and all other necessary roadway work to complete the project.

TRAFFIC CONTROL PLAN

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions and any special details and highway standards contained herein and in the plans.

Special attention is called to Articles 107.09, 107.14, and Sections 701 and 703 of the Standard Specifications for Road and Bridge Construction, and the following Highway Standards relating to Traffic Control.

Highway Standards: 701907, B.L.R. 21

The Contractor shall provide and maintain access to commercial and private properties as well as side roads abutting the highway being improved in accordance with Article 107.09 of the Standard Specifications. Access to commercial property shall at no time be shut off completely and at no time shall a private entrance be closed for an extended period of time as determined by the Engineer.

Two Type A flashing lights shall be mounted above the Type III barricades at the road closure.

All labor, material and equipment necessary to perform the work for the duration of the project will not be paid for separately, but shall be considered as included in the contract unit price L SUM for TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 and no additional compensation will allowed.

STATUS OF UTILITIES

<u>Name and Address</u>	<u>Type</u>	<u>Location</u>	<u>Relocation</u>
Village of Findlay 101 E South 2 nd St. Findlay, IL 62534	Unknown	Outside of Project Limits	No
Shawnee Communications 111 E State St. Lovington, Illinois 61937 (217)-873-4636	None	Outside of Project Limits	No
Frontier Communications 117 W. Jefferson St. Mount Pulaski, Illinois 62548	Telephone	South Side of Road	During Construction
Moultrie Co. Rural Water 1070 IL-32 Sullivan, IL 61951 (217)-728-8842	Water	Outside of Project Limits	No

The above represents the best information of the Township and County and is only included for the convenience of the bidder. The applicable provision of Article 105.07 and 107.20 of the Standard Specifications for Road and Bridge Construction shall apply.

If any utility adjustment or removal has not been completed when required by the Contractor's operations, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operation were affected.

PRECAST CONCRETE BOX CULVERT

Construction shall be according to Section 540 of the Standard Specifications for Road and Bridge Construction.

ALL NECESSARY EXCAVATION, BACKFILL/BEDDING STONE, AND ALL NECESSARY GRADING/SHAPING OF DITCHES UPSTREAM AND DOWNSTREAM OF BOTH BOXES SHALL BE INCLUDED IN THE PRICE OF THE BOXES. SEEDING AND MULCHING SHALL BE INCLUDED IN THE PRICE OF THE BOX AND ACCORDING TO SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

SHOP DRAWINGS FOR THE PRECAST CONCRETE BOX CULVERTS SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL BEFORE ORDERING.

CHANNEL EXCAVATION

This work shall consist of the removal of excavated material within the limits of the proposed improvement in accordance with Section 203 of the Standard Specifications. This excavation shall not be limited to the existing channel and may include earth excavation necessary to grade the roadway ditches in the vicinity of the channel. Excavated material to be removed from the site shall not be used in the roadway embankment. **REMOVAL AND DISPOSAL OF THESE ITEMS SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE PRECAST BOX CULVERTS.**

FIELD TILE ADJUSTMENT

The existing field tiles/ tile outlets noted in the project plans, in addition to any additional found during construction that interfere with the proposed boxes and roadway construction, will require adjustment/ relocation to allow for construction of the proposed roadway/ structures. The final decision as to where new outlets will be placed and the limits of the tile to be relocated shall be determined in the field by the Engineer, but they shall not interfere with the proposed structures. Suitable existing materials may be used for the relocation at the discretion of the Engineer. All new pipe, connections, and other materials required for the relocation and all methods used in the relocation process shall be in accordance with Standard Specifications for Road and Bridge Construction and shall be completed to the satisfaction of the Engineer.

Relocation/ adjustment of the tiles will be paid for at the contract unit price per each for FIELD TILE ADJUSTMENT, which price shall be payment in full for furnishing all material, labor, and equipment required for this item as specified.

TOE WALLS

Toe walls on both Precast Concrete Box Culverts will be Cast in place to at least Specified Plan Dimensions. **THE COST OF THE TOE WALLS WILL BE INCLUDED IN THE COST OF THE PRECAST CONCRETE BOX CULVERTS.**

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within 15 working days.

80071

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

Moultrie County Highway Department

Sullivan Township

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets
SPECIAL PROVISION
FOR
CONSTRUCTION AND MAINTENANCE SIGNS

Effective: January 1, 2004
Revised: June 1, 2007

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

701.14. Signs. Add the following paragraph to Article 701.14:

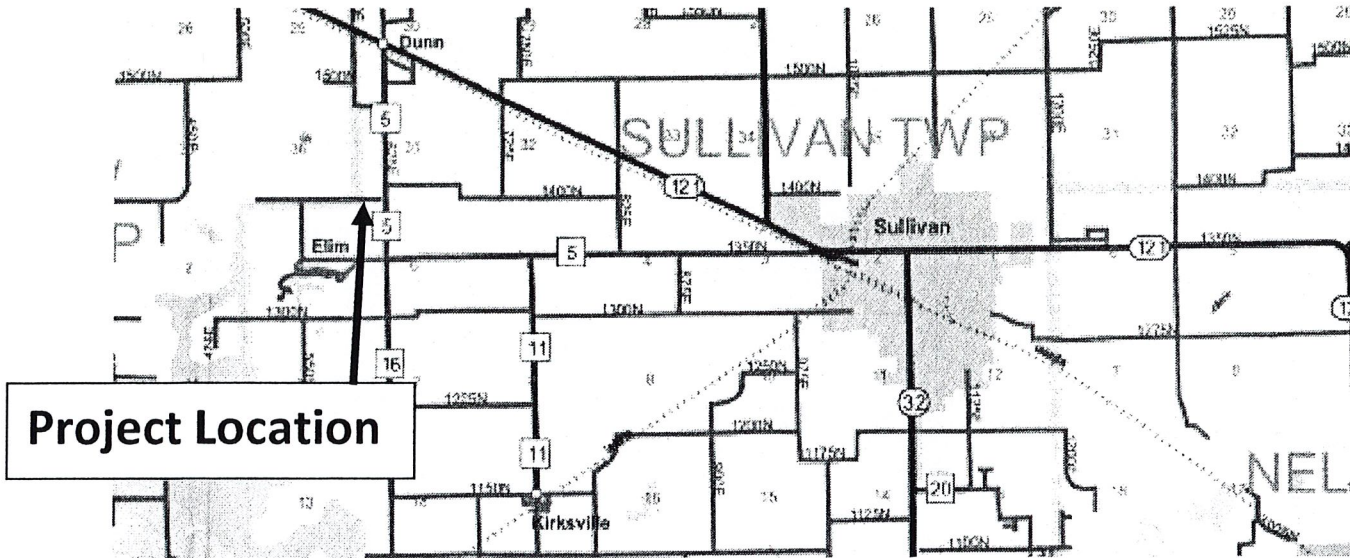
All warning signs shall have minimum dimensions of 1200 mm x 1200 mm (48" x 48") and have a black legend on a fluorescent orange reflectorized background, meeting, as a minimum, Type AP reflectivity requirements of Table 1091-2 in Article 1091.02.

SULLIVAN TOWNSHIP
PLANS FOR PROPOSED
DRAINAGE PROJECT

T.R. 107A (CR 1400 N) SECTION 21-07138-00-DR

MOULTRIE COUNTY

N



T.R. 107A (CR 1400N) SECTION 21-07138-00-DR

TOTAL LENGTH = 0.04 MILES (200')

NET LENGTH= 0.04 MILES (200')

CLASSIFICATION: LOCAL ROAD

DESIGN SPEED RURAL 30 MPH

DESIGN TRAFFIC RURAL 50

NOTE: SEE SHEET 2 FOR INDEX AND STANDARDS

DATE:

J.U.L.I.E.

JOINT UTILITY LOCATION

INFORMATION FOR

EXCAVATION

1-800-892-0123

OR 811

EXPIRES:

For County and Road District Projects

Submitted/Approved

Richard Kuthage

Highway Commissioner

4-7-21

Date

Submitted/Approved

Jeffrey Biel

County Engineer/Superintendent of Highways

4/08/2021

Date

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS AND HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
4. GENERAL NOTES
5. SCHEDULE OF QUANTITIES
6. EXISTING TYPICAL CROSS-SECTION
7. PROPOSED TYPICAL CROSS-SECTION
- 8-9. PLAN And PROFILE
- 10-11. CROSS SECTIONS
12. TOEWALL DETAIL

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701901-08	TRAFFIC CONTROL DEVICES
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

[illegible]

GENERAL NOTES

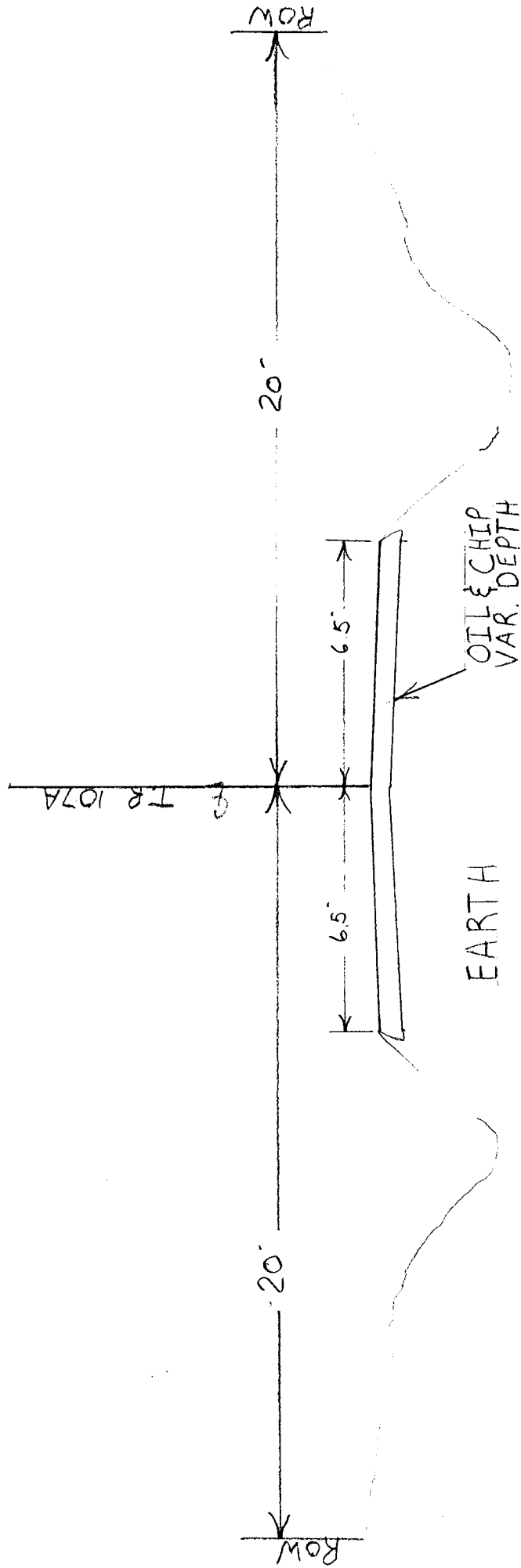
ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016," THESE PLANS AND THE SPECIAL PROVISIONS ARE INCLUDED IN THE CONTRACT DOCUMENTS.

ALL EXCAVATED MATERIAL SHALL BE DISPOSED AT AN OFF-SITE LOCATION APPROVED BY THE ENGINEER.

BOX CULVERT LENGTH, SIZES, AND SHOP DRAWINGS ARE TO BE REVIEWED BY THE COUNTY AND APPROVED PRIOR TO THE CONTRACTOR ORDERING MATERIAL.

SCHEDULE OF QUANTITIES										
LOCATION	PRECAST CONCRETE BOX CULVERT 6'X2'	PRECAST CONCRETE BOX CULVERT 7'X3'	BOX CULVERT END SECTIONS, CULVERT NO. 1	STONE RIP RAP, CLASS A4	CA 07 BEDDING STONE	CA 06 BACK FILL/ ROADWAY SURFACE	TOEWALLS TO BE POURED IN PLACE	FIELD TILE ADJUSTMENTS	PIPE CULVERT REMOVAL	REMOVAL OF EXISTING STRUCTURES
	54010602 FOOT	54010703 FOOT	54001001 EACH	28100207 TON	PRICE INCLUDED IN THE COST OF THE PRECAST CONCRETE BOX CULVERTS					
LOCATION 1		30	2	34	19 TONS	51 TONS	2 EACH	1 EACH 15" TILE		
LOCATION 2	30		2	27	20 TONS	38 TONS	2 EACH	1 EACH 8" TILE	36 FEET	1 EACH
SUBTOTAL	30	30	4							
TOTAL		60	4	62	39 TONS	89 TONS	4 EACH	2 EACH	36 FEET	1 EACH

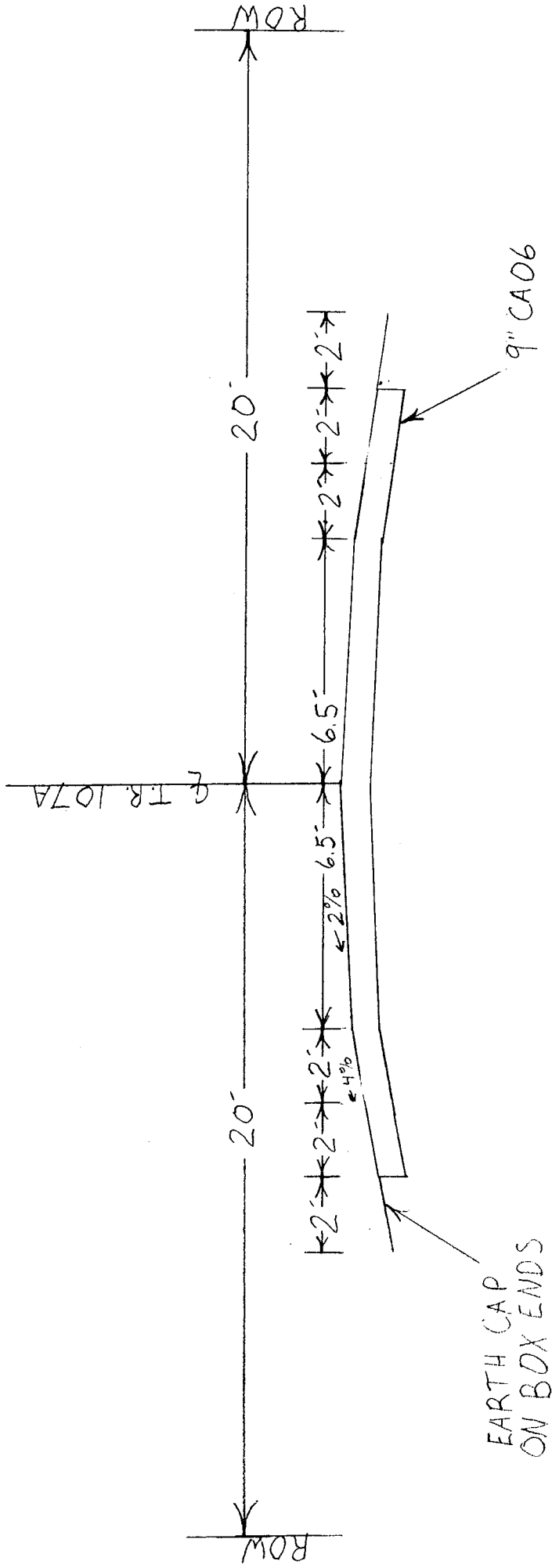
MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.



EXISTING TYPICAL CROSS SECTION
 9+70 TO 11+80

40 SCALE

MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.



PROPOSED TYPICAL CROSS SECTION
FOR BOX LOCATIONS 1 AND 2
40 SCALE

MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.

[illegible]

EXISTING CONC.
TO BE REMOVED

RIP RAP
LIMITS

7'X3'
PRECAST BOX
US FL 97.50
DS FL 97.00

EX. 15" CMP TILE
TO BE ADJUSTED

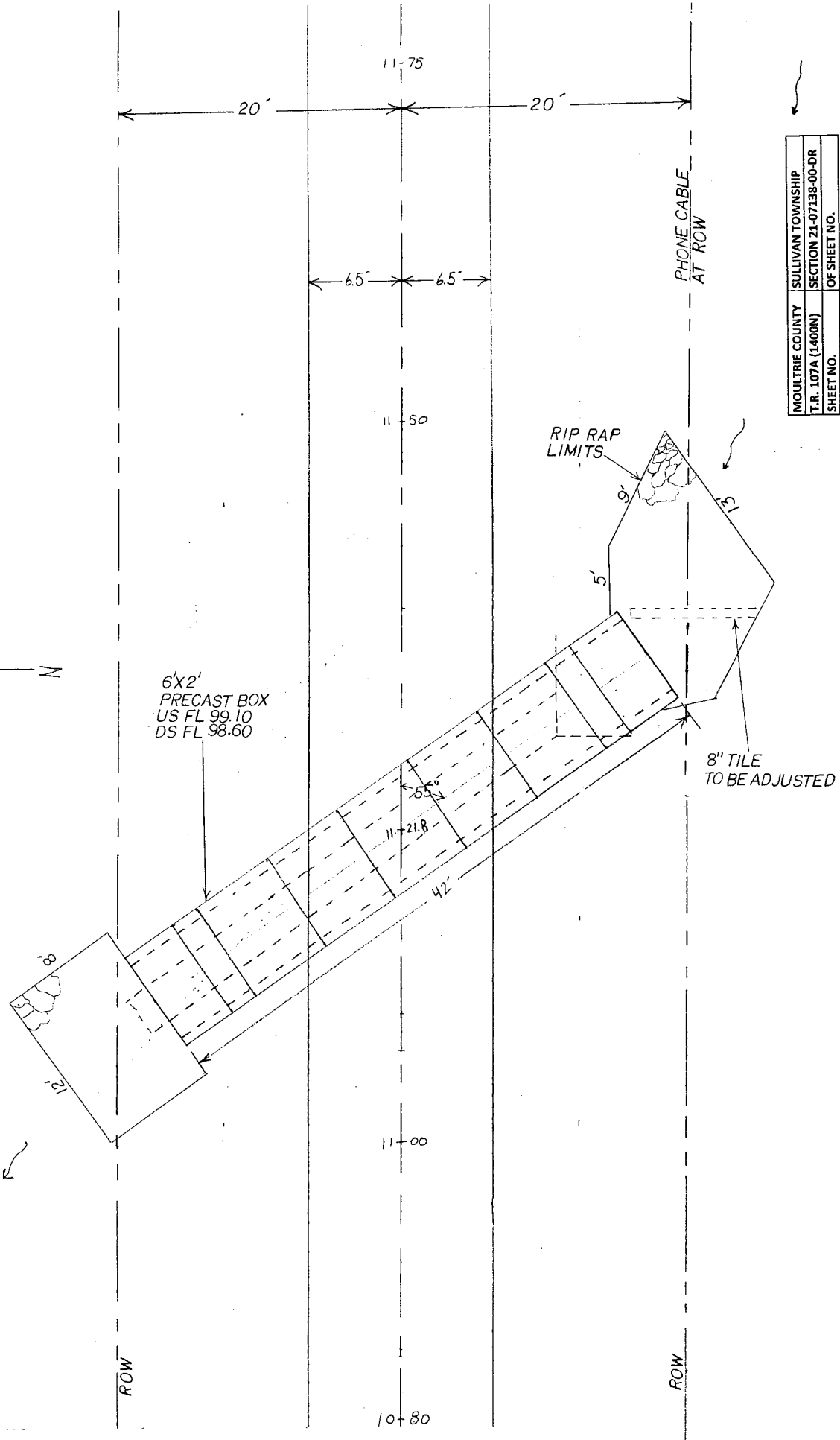
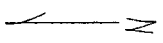
ROW

ROW

10 SCALE

MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.

LOCATION 2

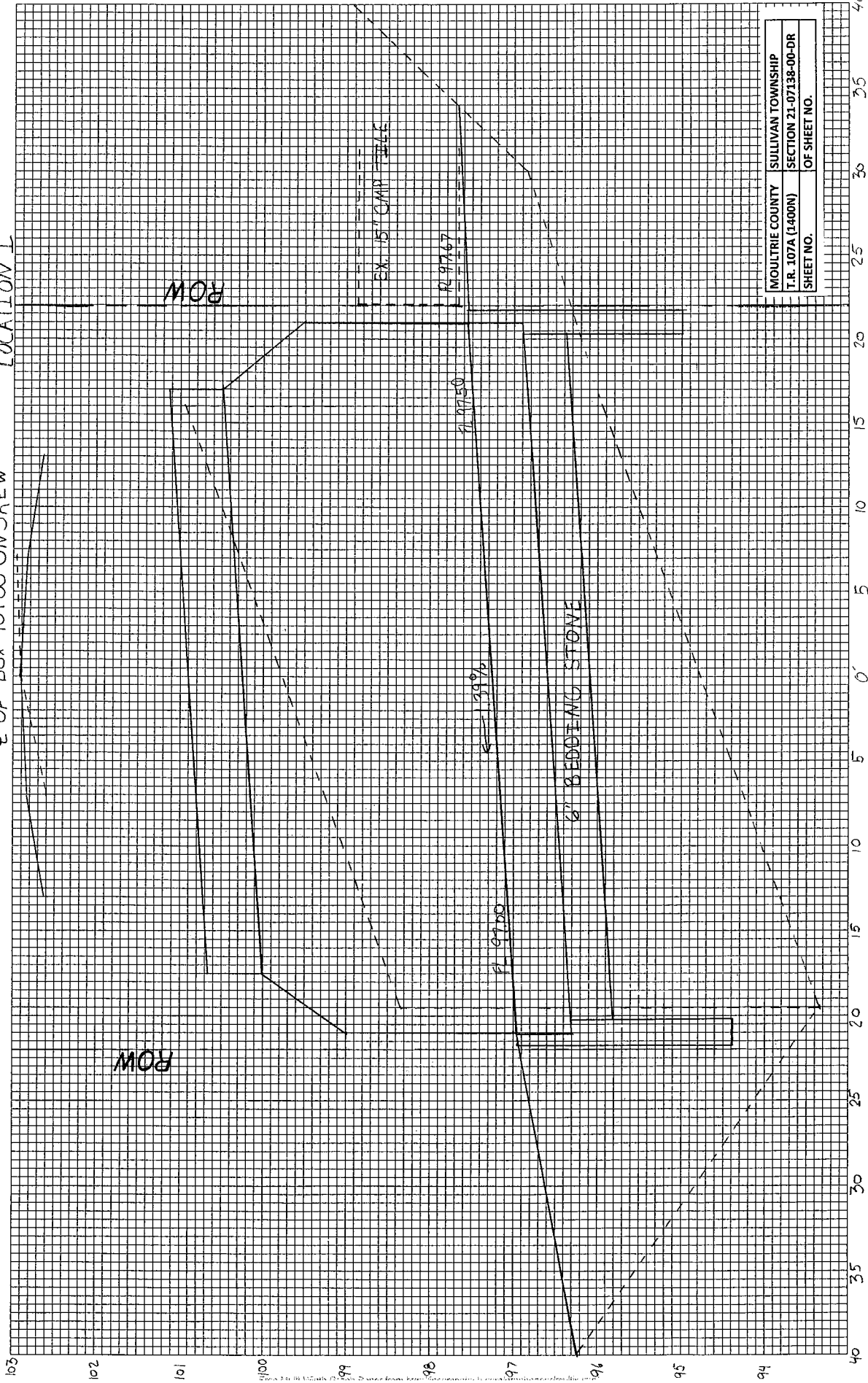


MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-0713B-00-DR
SHEET NO.	OF SHEET NO.

10 SCALE

Q OF Box 10+00 ON SKEW

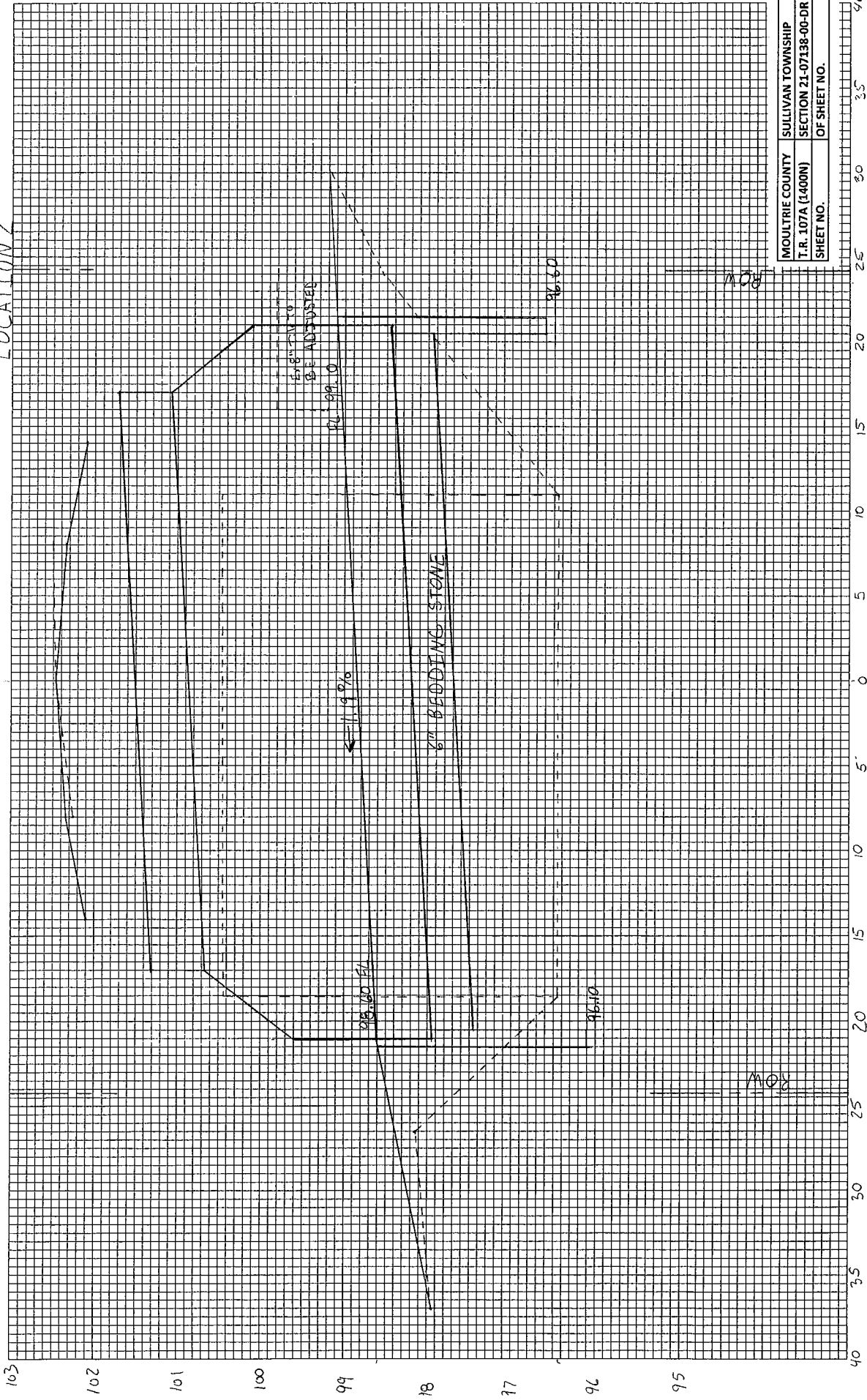
LOCATION 1



MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.

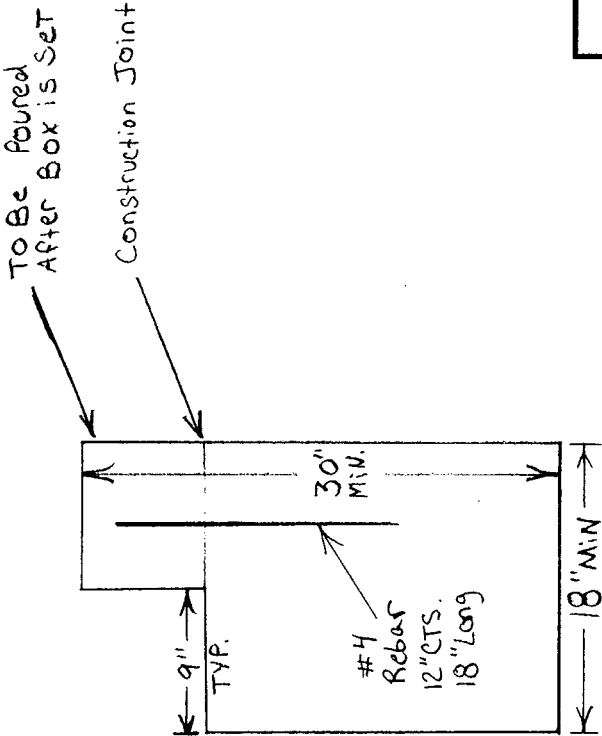
Q of Box 11+21.8 ON SKEW

LOCATION 2



MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.

TOEWALL DETAIL



Min. width is outside of box
to outside of box

TOEWALL			
	CONCRETE	#4 REBAR	
LOCATION 1	2 CUYD	24 FEET	
LOCATION 2	1.8 CUYD	21 FEET	
TOTAL	3.8 CUYD	45 FEET	
			30.06 POUNDS

MOULTRIE COUNTY	SULLIVAN TOWNSHIP
T.R. 107A (1400N)	SECTION 21-07138-00-DR
SHEET NO.	OF SHEET NO.

ADJUSTMENT ITEMS	EX	PR	ALIGNMENT ITEMS	EX	PR	DRAINAGE ITEMS	EX	PR
Structure To Be Adjusted		ADJ	Baseline			Channel or Stream Line		
Structure To Be Cleaned		C	Centerline			Culvert Line		
Main Structure To Be Filled		FM	Centerline Break Circle			Grading & Shaping Ditches		
Structure To Be Filled		F	Baseline Symbol			Drainage Boundary Line		
Structure To Be Filled Special		FSP	Centerline Symbol			Paved Ditch		
Structure To Be Removed		R	PI Indicator			Aggregate Ditch		
Structure To Be Reconstructed		REC	Point Indicator			Pipe Underdrain		
Structure To Be Reconstructed Special		RSP	Horizontal Curve Data (Half Size)			Storm Sewer		
Frame and Grate To Be Adjusted		A	EX. CURVE P.L. STA= D= R= L= E= T.R.= S.E. RUN= P.C. STA= P.T. STA=			Flowline		
Frame and Lid To Be Adjusted		A	Dashed Property Line			Ditch Check		
Domestic Service Box To Be Adjusted		A	Solid Property/Lot Line			Headwall		
Valve Vault To Be Adjusted		A	Section/Grant Line			Inlet		
Special Adjustment		SP	Quarter Section Line			Manhole		
Item To Be Abandoned		AB	Quarter/Quarter Section Line			Summit		
Item To Be Moved		M	County/Township Line			Roadway Ditch Flow		
Item To Be Relocated		REL	State Line			Swale		
Pavement Removal and Replacement			Chiseled Square Found			Catch Basin		
			Iron Pipe Found			Culvert End Section		
			Iron Pipe Set			Water Surface Indicator		
			Survey Marker			Riprap		
			Property Line Symbol					
			Same Ownership Symbol (Half Size)					
			Northwest Quarter Corner (Half Size)					
			Section Corner (Half Size)					
			Southeast Quarter Corner (Half Size)					

ADJUSTMENT ITEMS

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate To Be Adjusted

Frame and Lid To Be Adjusted

Domestic Service Box To Be Adjusted

Valve Vault To Be Adjusted

Special Adjustment

Item To Be Abandoned

Item To Be Moved

Item To Be Relocated

Pavement Removal and Replacement

BOUNDARIES ITEMS

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

Quarter Section Line

Quarter/Quarter Section Line

County/Township Line

State Line

Chiseled Square Found

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol (Half Size)

Northwest Quarter Corner (Half Size)

Section Corner (Half Size)

Southeast Quarter Corner (Half Size)

ADJUSTMENT ITEMS

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate To Be Adjusted

Frame and Lid To Be Adjusted

Domestic Service Box To Be Adjusted

Valve Vault To Be Adjusted

Special Adjustment

Item To Be Abandoned

Item To Be Moved

Item To Be Relocated

Pavement Removal and Replacement

BOUNDARIES ITEMS

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

Quarter Section Line

Quarter/Quarter Section Line

County/Township Line

State Line

Chiseled Square Found

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol (Half Size)

Northwest Quarter Corner (Half Size)

Section Corner (Half Size)

Southeast Quarter Corner (Half Size)

ADJUSTMENT ITEMS

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate To Be Adjusted

Frame and Lid To Be Adjusted

Domestic Service Box To Be Adjusted

Valve Vault To Be Adjusted

Special Adjustment

Item To Be Abandoned

Item To Be Moved

Item To Be Relocated

Pavement Removal and Replacement

BOUNDARIES ITEMS

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

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County/Township Line

State Line

Chiseled Square Found

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol (Half Size)

Northwest Quarter Corner (Half Size)

Section Corner (Half Size)

Southeast Quarter Corner (Half Size)

ADJUSTMENT ITEMS

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate To Be Adjusted

Frame and Lid To Be Adjusted

Domestic Service Box To Be Adjusted

Valve Vault To Be Adjusted

Special Adjustment

Item To Be Abandoned

Item To Be Moved

Item To Be Relocated

Pavement Removal and Replacement

BOUNDARIES ITEMS

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

Quarter Section Line

Quarter/Quarter Section Line

County/Township Line

State Line

Chiseled Square Found

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol (Half Size)

Northwest Quarter Corner (Half Size)

Section Corner (Half Size)

Southeast Quarter Corner (Half Size)

ADJUSTMENT ITEMS

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate To Be Adjusted

Frame and Lid To Be Adjusted

Domestic Service Box To Be Adjusted

Valve Vault To Be Adjusted

Special Adjustment

Item To Be Abandoned

Item To Be Moved

Item To Be Relocated

Pavement Removal and Replacement

BOUNDARIES ITEMS

Dashed Property Line

Solid Property/Lot Line

Section/Grant Line

Quarter Section Line

Quarter/Quarter Section Line

County/Township Line

State Line

Chiseled Square Found

Iron Pipe Found

Iron Pipe Set

Survey Marker

Property Line Symbol

Same Ownership Symbol (Half Size)

Northwest Quarter Corner (Half Size)

Section Corner (Half Size)

Southeast Quarter Corner (Half Size)

ADJUSTMENT ITEMS

Structure To Be Adjusted

Structure To Be Cleaned

Main Structure To Be Filled

Structure To Be Filled

Structure To Be Filled Special

Structure To Be Removed

Structure To Be Reconstructed

Structure To Be Reconstructed Special

Frame and Grate

EROSION & SEDIMENT CONTROL ITEMS	EX	PR
Cleaning & Grading Limits Dike Erosion Control Fence Perimeter Erosion Barrier Temporary Fence Ditch Check Temporary Ditch Check Permanent Inlet & Pipe Protection Sediment Basin Erosion Control Blanket Fabric Formed Concrete Revement Mat Turf Reinforcement Mat Mulch Temporary Mulch Method 1 Mulch Method 2 Stabilized Mulch Method 3 Hydraulic	(Diagrams showing various erosion control methods)	(Diagrams showing various erosion control materials)
CONTOUR ITEMS	EX	PR
Approx. Index Line Approx. Intermediate Line Index Contour Intermediate Contour	(Diagrams showing contour types)	(Diagrams showing contour types)
NON-HIGHWAY IMPROVEMENT ITEMS	EX	PR
Noise Attn./Levee Field Line Fence Base of Levee Mailbox Multiple Mailboxes Pay Telephone Advertising Sign ITS Camera Wind Turbine Cellular Tower Intelligent Transportation Systems Contour Mounding Line Fence Fence Post Shrubs Mowline Perennial Plants Seeding Class 2 Seeding Class 2A Seeding Class 4 Seeding Class 4 & 5 Combined	(Diagrams showing non-highway improvement items)	(Diagrams showing non-highway improvement materials/patterns)
LANDSCAPING ITEMS	EX	PR
Duct Conduit Electrical Aerial Cable Electrical Buried Cable Controller Underpass Luminaire Power Pole	(Diagrams showing landscaping items)	(Diagrams showing landscaping materials/patterns)
EXISTING LANDSCAPING ITEMS (contd.)	EX	PR
Seeding Class 5 Seeding Class 7 Seedlings Type 1 Seedlings Type 2 Sodding Mowstake w/Sign Tree Trunk Protection Evergreen Tree Shade Tree Lighting symbols	(Diagrams showing existing landscaping items)	(Diagrams showing existing landscaping materials/patterns)

**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**

(Sheet 3 of 9)
STANDARD 000001-08

LIGHTING (contd.)

EX

PR

Pull Point



Handhole



Heavy Duty Handhole



Junction Box



Light Unit Comb.



Electrical Ground



Traffic Flow Arrow



High Mast Pole
(Half Size)



Light Unit-1



PAVEMENT (MISC.)

EX

PR

Keyed Long. Joint



Keyed Long. Joint w/Tie Bars



Sawed Long. Joint w/Tie Bars



Bituminous Shoulder



Bituminous Taper



Stabilized Driveway



Widening



PAVEMENT MARKINGS

EX

PR

Handicap Symbol



RR Crossing



Raised Marker Amber 1 Way



Raised Marker Amber 2 Way



Raised Marker Crystal 1 Way



Two Way Turn Left



Shoulder Diag. Pattern



Skip-Dash White



Skip-Dash Yellow



Stop Line



Solid Line



Double Centerline



Dotted Lines



Illinois Department of Transportation PASSED <u>1/1/21</u> 2021 ENGINEER OF POLICE AND PROCEDURES APPROVED <u>1/1/21</u> 2021 ENGINEER OF PERSON AND ENVIRONMENT	ISSUED 1-1-97
	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 4 of 9)

STANDARD 000001-08

PAVEMENT MARKINGS
(contd.)

CL 2Ln 2Way
RRPM 12.2 m (40') o.c.

CL 2Ln 2Way
RRPM 80' (24.4 m) o.c.

CL Multilane Div.
RRPM 40' (12.2 m) o.c.

CL Multilane Div.
RRPM 80' (24.4 m) o.c.

CL Multilane Div. Del.
RRPM 80' (24.4 m) o.c.

CL Multilane Undiv.

Two Way Turn Left Line

Urban Combination Left

Urban Combination Right

Urban Left Turn Arrow

Urban Right Turn Arrow

Urban Left Turn Only

Urban Right Turn Only

Urban Thru Only

Urban LT & RT Turn Arrow

Urban Thru Arrow

EX

PR

RAILROAD ITEMS

PR

EX

Abandoned Railroad

Railroad

Railroad Point

Control Box

Crossing Gate

Flashing Signal

Railroad Cant. Mast Arm

Crossbuck

REMOVAL ITEMS

PR

EX

Removal Tic

Bituminous Removal

Hatch Pattern

Tree Removal Single

RIGHT OF WAY ITEMS

PR

EX

Future ROW Corner Monument

ROW Marker

ROW Line

Easement

Temporary Easement

**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**
(Sheet 5 of 9)

STANDARD 000001-08

PAVEMENT MARKINGS

(contd.)

Urban U-Turn

Urban Combined U-Turn

Rural Combination Left

Rural Combination Right

Rural Left Turn Arrow

Rural Right Turn Arrow

Rural Left Turn Only

Rural Right Turn Only

Rural Thru Only

Rural Thru Arrow

Rural Lt & Rt Turn Arrow

Bike Lane Symbol

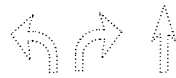
Bike Lane Text

Bike Path Shared

Bike Shared Roadway

Lane Drop Symbol

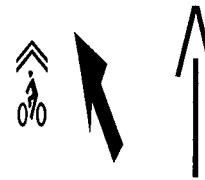
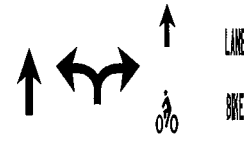
EX



PR



ONLY ONLY ONLY



STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS
(Sheet 6 of 9)

STANDARD 000001-08

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICE AND PROCEDURES
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

Wrong Way Arrow

RIGHT OF WAY ITEMS (contd.)		ROADWAY PROFILES		SIGNING ITEMS (contd.)	
Access Control Line	EX	PR	P.I. Indicator	PR	Reverse Left W1-4L (Half Size)
Access Control Line & ROW	EX	PR	Point Indicator	PR	Reverse Right W1-4R (Half Size)
Access Control Line & ROW with Fence	EX	PR	Earthworks Balance Point	PR	Two Way Traffic Sign W6-3 (Half Size)
Excess ROW Line	EX	PR	Begin Point	PR	Detour Ahead W20-2(O) (Half Size)
ROADWAY PLAN ITEMS			Vert. Curve Data	PR	Left Lane Closed Ahead W20-5L(O) (Half Size)
Cable Barrier	EX	PR	Ditch Profile Left Side	PR	Right Lane Closed Ahead W20-5R(O) (Half Size)
Concrete Barrier	EX	PR	Ditch Profile Right Side	PR	Road Closed Ahead W20-3(O) (Half Size)
Edge of Pavement	EX	PR	Roadway Profile Line	PR	Road Construction Ahead W20-1(O) (Half Size)
Bit Shoulders, Medians and C&G Line	EX	PR	Storm Sewer Profile Left Side	PR	Single Lane Ahead (Half Size)
Aggregate Shoulder	EX	PR	Storm Sewer Profile Right Side	PR	Transition Left W4-2L (Half Size)
Sidewalks, Driveways	EX	PR		PR	Transition Right W4-2R (Half Size)
Guardrail	EX	PR	SIGNING ITEMS		
Guardrail Post	EX	PR	Cone, Drum or Barricade	PR	
Traffic Sign	EX	PR	Barricade Type II	PR	
Corrugated Median	EX	PR	Barricade Type III	PR	
Impact Attenuator	EX	PR	Barricade With Edge Line	PR	
North Arrow with District Office (Half Size)	EX	PR	Flashing Light Sign	PR	
March Line	EX	PR	Panels I	PR	
Slope Limit Line	EX	PR	Panels II	PR	
Typical Cross-Section Line	EX	PR	Direction of Traffic	PR	
	EX	PR	Sign Flag (Half Size)	PR	

**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**

(Sheet 7 of 9)

STANDARD 000001-08

ILLINOIS Department of Transportation

PASSED JANUARY 1, 2021

ENGINEER OF POLICY AND PROCEDURES

APPROVED JANUARY 1, 2021

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

SIGNING ITEMS (contd.)

One Way Arrow Up, W1-6-(O)
(Half Size)

Two Way Arrow Large W1-7-(O)
(Half Size)

Detour M4-10L-(O)
(Half Size)

Detour M4-10R-(O)
(Half Size)

One Way Left R6-1L
(Half Size)

One Way Right R6-1R
(Half Size)

Left Turn Lane R3-1100L
(Half Size)

Keep Left R4-7AL
(Half Size)

Keep Left R4-7BL
(Half Size)

Keep Right R4-7AR
(Half Size)

Keep Right R4-7BR
(Half Size)

Stop Here On Red R10-6-AL
(Half Size)

Stop Here On Red R10-6-AR
(Half Size)

No Left Turn R3-2
(Half Size)

No Right Turn R3-1
(Half Size)

Road Closed R11-2
(Half Size)

Road Closed Thru Traffic R11-2
(Half Size)

EX

PR



STRUCTURES ITEMS

EX

PR

Box Culvert Barrel

Box Culvert Headwall

Bridge Pier

Bridge

Retaining Wall

Temporary Sheet Piling

TRAFFIC SHEET ITEMS

EX

PR



Signal Section 8" (200 mm)

Signal Section 12" (300 mm)

Walk/Don't Walk Letters

Walk/Don't Walk Symbols

TRAFFIC SIGNAL ITEMS

EX

PR

Galv. Steel Conduit

Underground Cable

Detector Loop Line

Detector Loop Large

Detector Loop Small

Detector Loop Quadrapole

Illinois Department of Transportation

ISSUED 1-1-97

APPROVED

ENGINEER OF POLICE AND PROCEDURES

APPROVED

ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS

(Sheet 8 of 9)

STANDARD 000001-08

TRAFFIC SIGNAL ITEMS (contd.)

EX PR

Detector Raceway		
Aluminum Mast Arm		
Steel Mast Arm		
Veh. Detector Magnetic		
Conduit Splice		
Controller		
Gulfbow Junction		
Wood Pole		
Temp. Signal Head		
Handhole		
Double Handhole		
Heavy Duty Handhole		
Junction Box		
Ped. Pushbutton Detector		
Ped. Signal Head		
Power Pole Service		
Priority Veh. Detector		
Signal Head		
Signal Head w/Backplate		
Signal Post		
Closed Circuit TV		
Video Detector System		

UNDERGROUND UTILITY ITEMS

EX PR

Cable TV		
Electric Cable		
Fiber Optic		
Gas Pipe		
Oil Pipe		
Sanitary Sewer		
Telephone Cable		
Water Pipe		

UTILITIES ITEMS

EX PR

Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Monitoring Well (Gasoline)		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		

UTILITY ITEMS (contd.)

EX

Traffic Signal	
Traffic Signal Control Box	
Water Meter	
Water Meter Valve Box	
Profile Line	
Aerial Power Line	

VEGETATION ITEMS

EX

Deciduous Tree	
Bush or Shrub	
Evergreen Tree	
Stump	
Orchard/Nursery Line	
Vegetation Line	
Woods & Bush Line	

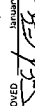
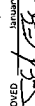
WATER FEATURE ITEMS

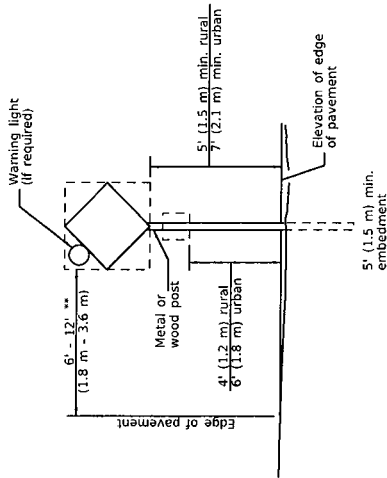
EX

Stream or Drainage Ditch	
Waters Edge	
Water Surface Indicator	
Water Point	
Disappearing Ditch	
Marsh	
Marsh/Swamp Boundary	

STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS
(Sheet 9 of 9)

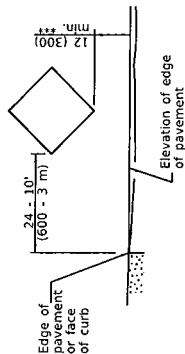
STANDARD 000001-08

 Illinois Department of Transportation DIVISION OF TRANSPORTATION ENGINEERING AND PLANNING APPROVED:  JANUARY 1, 2021 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED: 1-1-97 PASSED:  JANUARY 1, 2021 ENGINEER OF PROJECTS AND PROCEDURES APPROVED:  JANUARY 1, 2021
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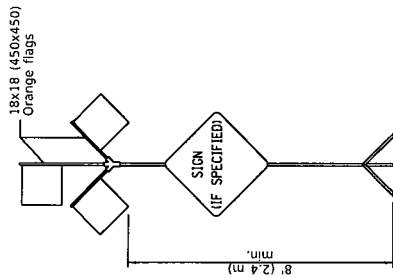
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

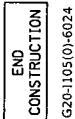
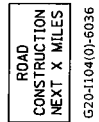


SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located in a travel lane, the sign height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE



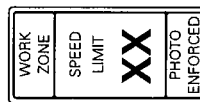
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

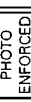
END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

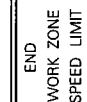
WORK LIMIT SIGNING



R2-1-3648



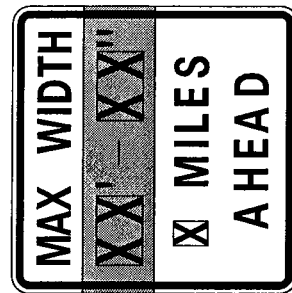
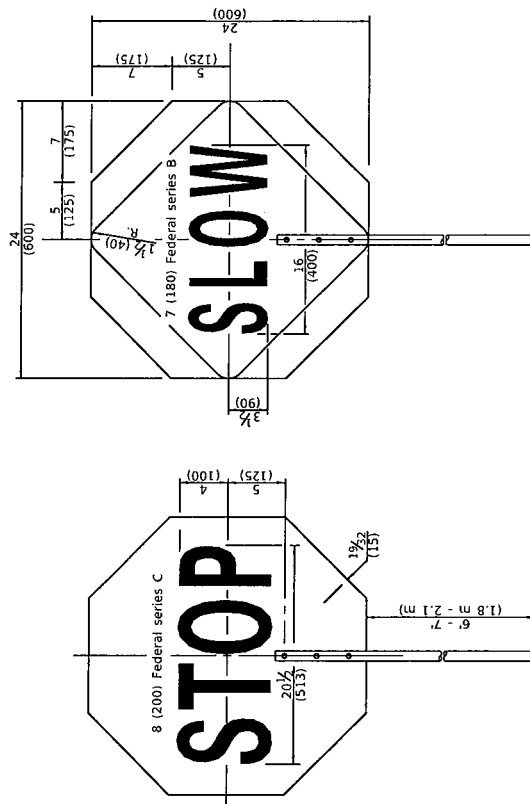
Sign assembly as shown on Standards or as allowed by District Operations.



This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-108p shall only be used along roadways under the jurisdiction of the State.



WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.

FLAGGER TRAFFIC CONTROL SIGN

REVERSE SIDE

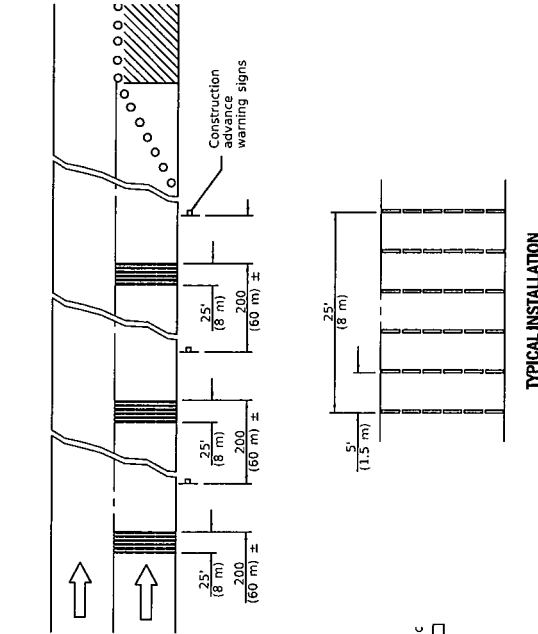
FRONT SIDE

TRAFFIC CONTROL DEVICES

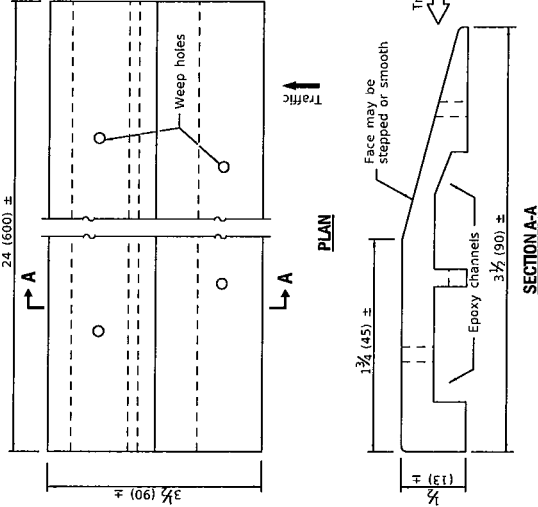
(Sheet 2 of 3)

STANDARD 701901-08

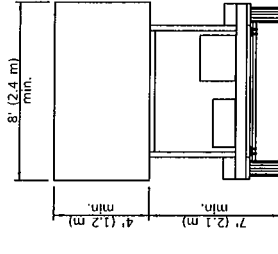
Illinois Department of Transportation		ISSUED 1-1-13	
APPROVED	JANUARY 1, 2019	APPROVED	JANUARY 1, 2019
ENGINEER OF SAFETY PROJECT AND ENGINEERING		ENGINEER OF DESIGN AND ENVIRONMENT	



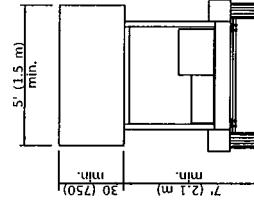
TYPICAL INSTALLATION



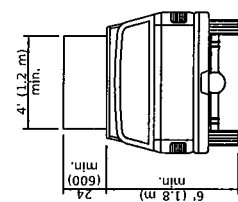
TEMPORARY RUMBLE STRIPS



TYPE C
TRAILER
MOUNTED

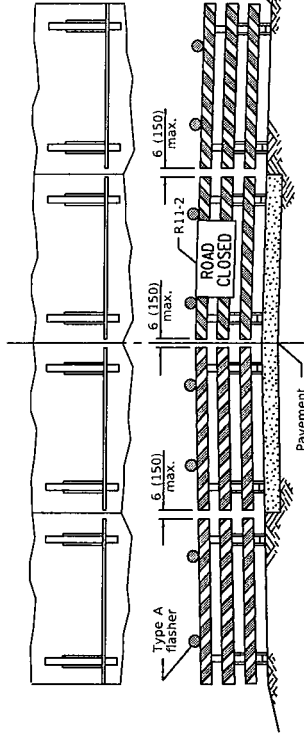


TYPE B
ROOF OR TRAILER
MOUNTED



TYPE A
ROOF
MOUNTED

ARROW BOARDS



ROAD CLOSED TO ALL TRAFFIC

ReflectORIZED striping may be omitted if a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

ROAD CLOSED TO THRU TRAFFIC

ReflectORIZED striping shall appear on both sides of the barricade. Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

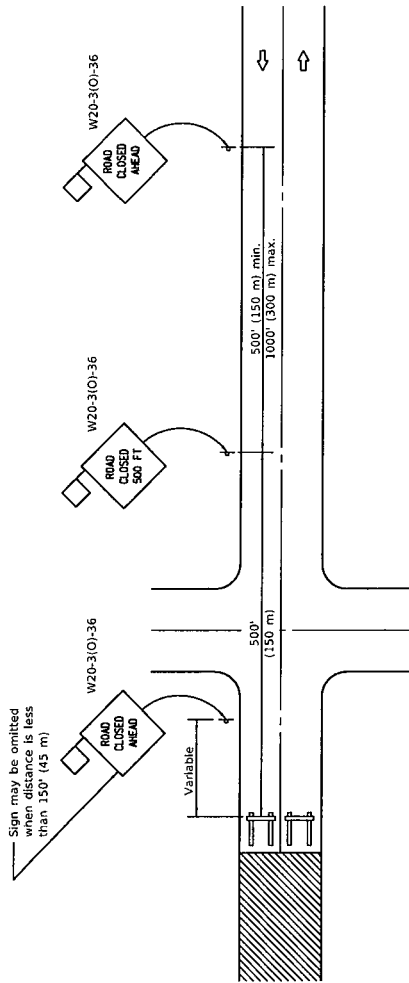
TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

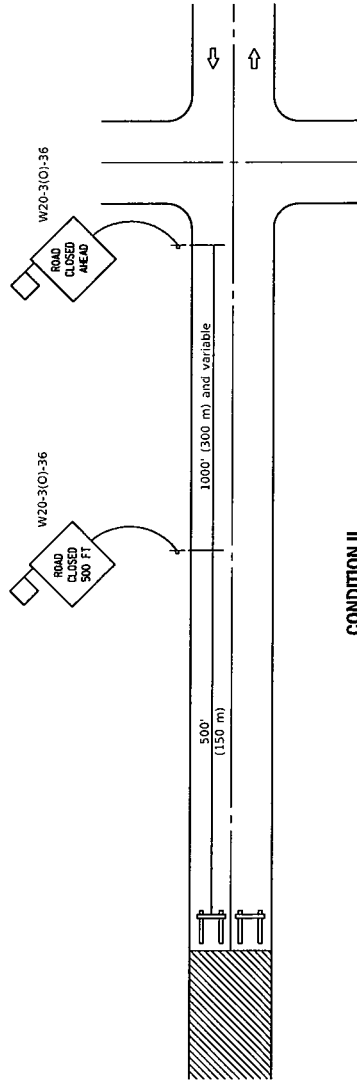
STANDARD 701901-08

APPROVED ENGINEER OF SAFETY APPROVED ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-13 2019 2019 2019
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CONDITION I

When distance from closure to crossroad is less than 1500' (450 m)



CONDITION II

When distance from closure to crossroad is greater than 1500' (450 m)

SYMBOLS



Work area



Type III Barricade



Sign with 18x18 (450x450) min. orange flag attached

GENERAL NOTES

Type III Barricades and R11-2-4830 signs shall be positioned as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area during hours of darkness. One light shall be installed above the barricades and the other above the first advance warning sign.

All warning signs shall have minimum dimensions of 36 x 36 (900 x 900) and have a black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

Longitudinal dimensions may be adjusted to fit field conditions.

When the distance between the barricade and the intersection is between 1500' (450 m) and 2000' (600 m), the advance sign shall be placed at the intersection. When the distance between the barricade and the intersection is over 2000' (600 m), an additional sign shall be placed at the intersection. The additional sign shall give the distance to the barricade in miles or fractions of a mile.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-12	Omitted two notes from GENERAL NOTES.
1-1-09	Switched units to English (metric).

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

STANDARD B.L.R. 21-9

PASSED Illinois Department of Transportation ENGINEER OF TRAVEL AND STREETS APPROVED ENGINEER OF DESIGN AND ENVIRONMENT	DESIGNED BY 2012
	ISSUED 1-1-97