

City Clerk

From: alan spesard <aspesard@hotmail.com>
Sent: Wednesday, April 29, 2020 2:19 PM
To: Mayor Jeff Johnson; Water Commissioner; Mike Dahlquist
Subject: Re: Pre-Con Meeting Questions

I just talked to Mike. His questions concern the storm sewer project that we will install later this year (S. Morgan Street and S. Washington Street). His question were not about tomorrows meeting with the streetscape project.

I talked to Mike about his south Morgan/Washington street storm sewer project questions. Most of his questions I could answer. We agreed to talk more about that project at a later date.

In addition, concerning the streetscape project and water service lines -- the streetscape contractor (Kinney Contractors) will replace exposed lead water service lines and lines that need to be relocated to install the streetscape storm sewer. Mike said he will talk to Dave.

The streetscape percon meeting that is tomorrow is to coordinate the approved construction with the Contractor, IDOT, Construction Inspection and the City. If we want changes to the streetscape design than that should be discussed separately from the precon meeting.

let me know of any other concerns.

thanks

alan

From: Mayor Jeff Johnson <mayor@shelbyvilleil.net>
Sent: Wednesday, April 29, 2020 1:27 PM
To: alan spesard <aspesard@hotmail.com>
Subject: Fw: Pre-Con Meeting Questions

Alan,

See Mike's questions below. Should we have Mike Dahlquist on the call too?

Jeff

From: Water Commissioner <watercom@shelbyvilleil.net>
Sent: Wednesday, April 29, 2020 10:16 AM
To: Mayor Jeff Johnson <mayor@shelbyvilleil.net>; Street Commissioner <streetcom@shelbyvilleil.net>; City Clerk <cityclerk@shelbyvilleil.net>
Subject: Fw: Pre-Con Meeting Questions

Here are questions/concerns from Mike D. For the pre-construction meeting. David is preparing some also. I will get those to you as well.

They are both willing to participate in the meeting if you would like them too.

Thanks
Debe

From: Mike Dahlquist <mdahlquist@mi2ops.com>
Sent: Wednesday, April 29, 2020 9:26 AM
To: Water Commissioner <watercom@shelbyvilleil.net>
Subject: Pre-Con Meeting Questions

Debe

I am sorry I did not get these to you yesterday. I have some questions that relate to the storm line installation and the overall project. I know Dave has concerns about the water lines and he is addressing questions related to that issue. My questions are as follows:

1. Who will be doing the construction inspection on the project?
2. Has survey work been conducted to verify elevations?
3. Will there be as-built drawings with any adjusted elevations available after the project? It would be extremely helpful to have infrastructure identified as it is discovered and/or replaced.
4. Who will be conducting third party testing on concrete mixes to verify specification performance? (Slumps, breaks)
5. Alan Spesard contacted me to discuss a reroute of the storm sewer to connect into an existing storm line leading to the SE lagoon by P&H. Is he still considering that option and if so, has he discovered how that line is currently being utilized? Is there available carrying capacity for the additional flow he is proposing to add? Is there any danger of flooding current upstream drainage areas? There are some unknowns here, I thought we had drawings but only drawings with references. I'll be happy to work with Alan in any way possible to assist him in finding information.
6. How many catch-basins will be re-routed with the new storm line? I believe that was still an open question.
7. How much total area will be removed from the combined sewer system?

This project will have a possible positive impact on the City's Long Term Control Plan (LTCP). We will need to have documentation such as "as-builts" to show the State of Illinois that Shelbyville is making an unscheduled project completion and get credit for the work. After the project completion we will find a method of flow monitoring to conduct post construction monitoring (PCM) and receive credit for storm water removal from the combined system. As I mentioned we are available to help Alan with this project.

Debe, Please let me know if you need additional information.

Thank you

Mike Dahlquist
Operations Specialist



MI2 Operating Systems, LLC
1001 Boardwalk Springs Place, Suite 10
O'Fallon, MO 63368
www.mi2ops.com
Phone (765) 470-1474

E-mail mdahlquist@mi2ops.com

City Clerk

From: alan spesard <aspesard@hotmail.com>
Sent: Saturday, June 20, 2020 9:00 AM
To: Mike Dahlquist
Subject: 1982 as built storm sewer South Morgan plans
Attachments: as built south morgan relief sewer 1982.pdf

Mike,

per our discussion, see attached plans.

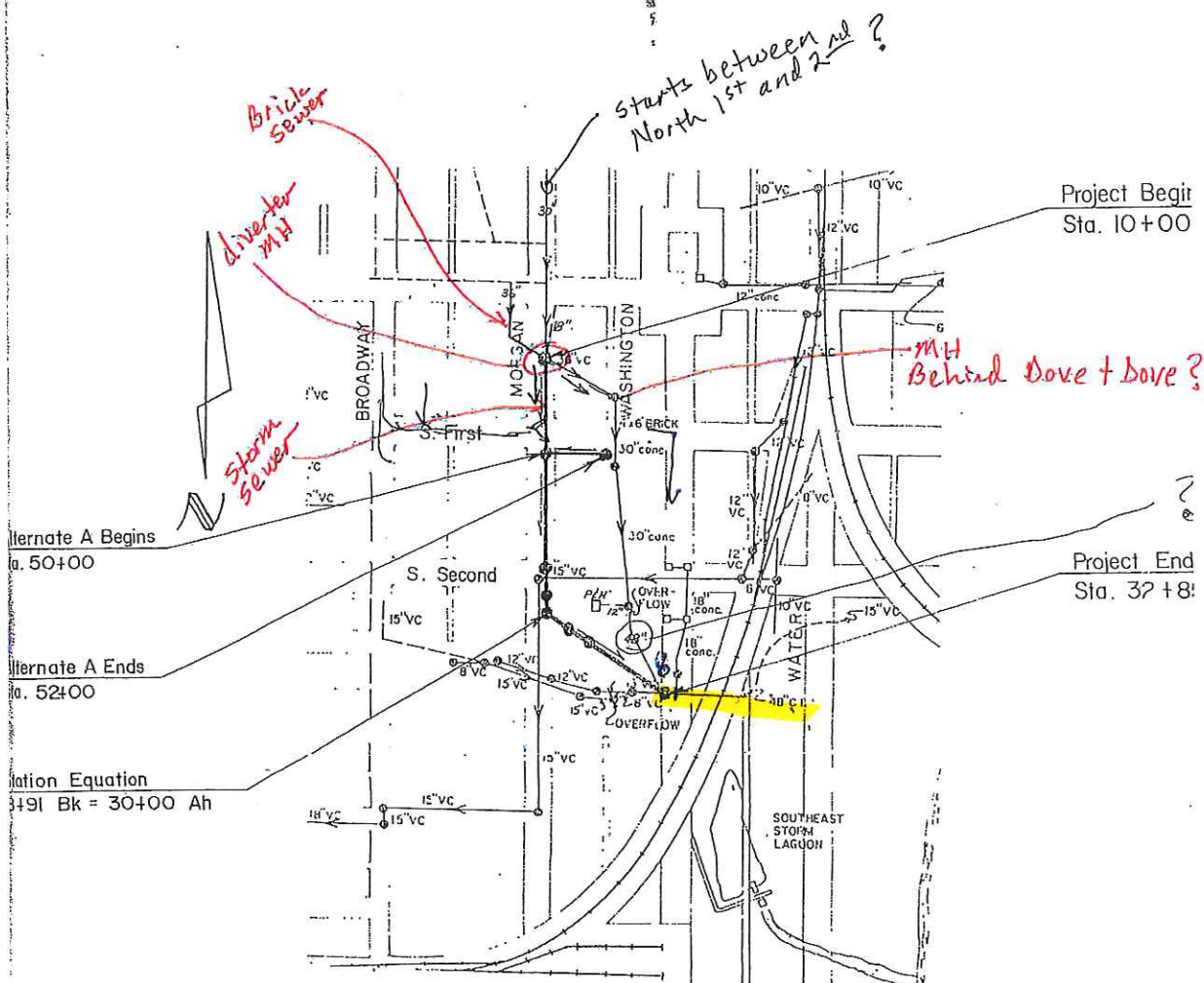
thanks

alan

Plans for Proposed Improvement

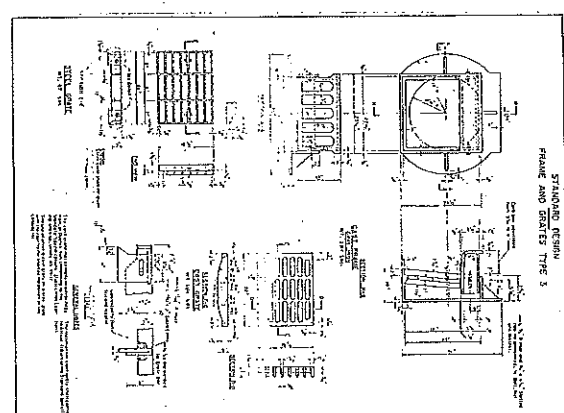
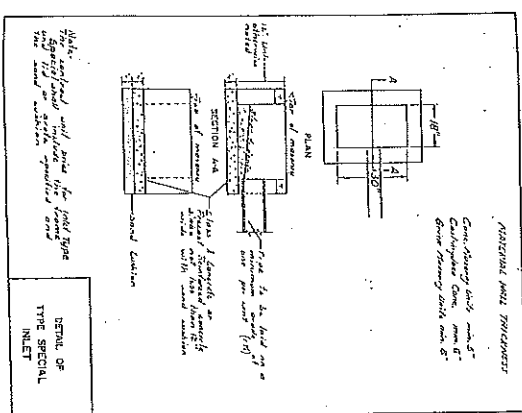
South Morgan Street Relief Sewer

Section 82.2.SS

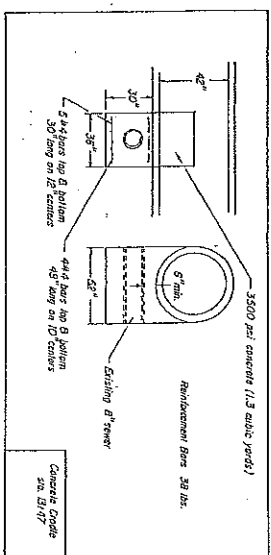


SKETCH #2

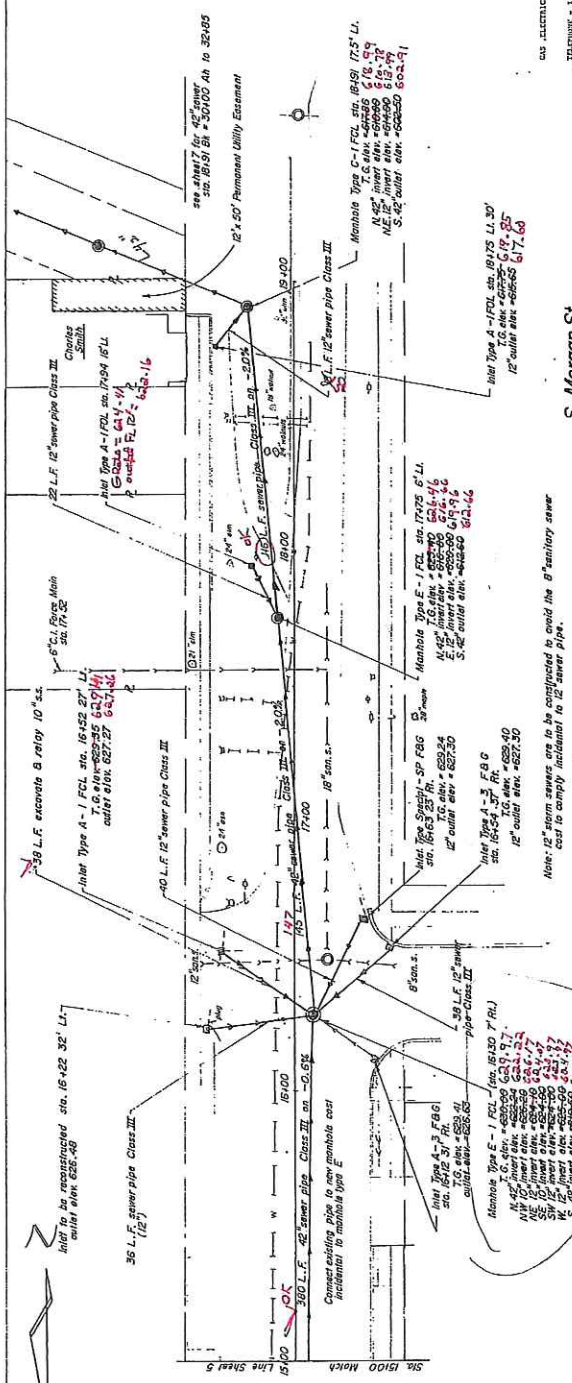
1982

[illegible]

City of	Section	Sheet no.	Total no.
Shelbyville	82.2.55	4	15

[illegible]

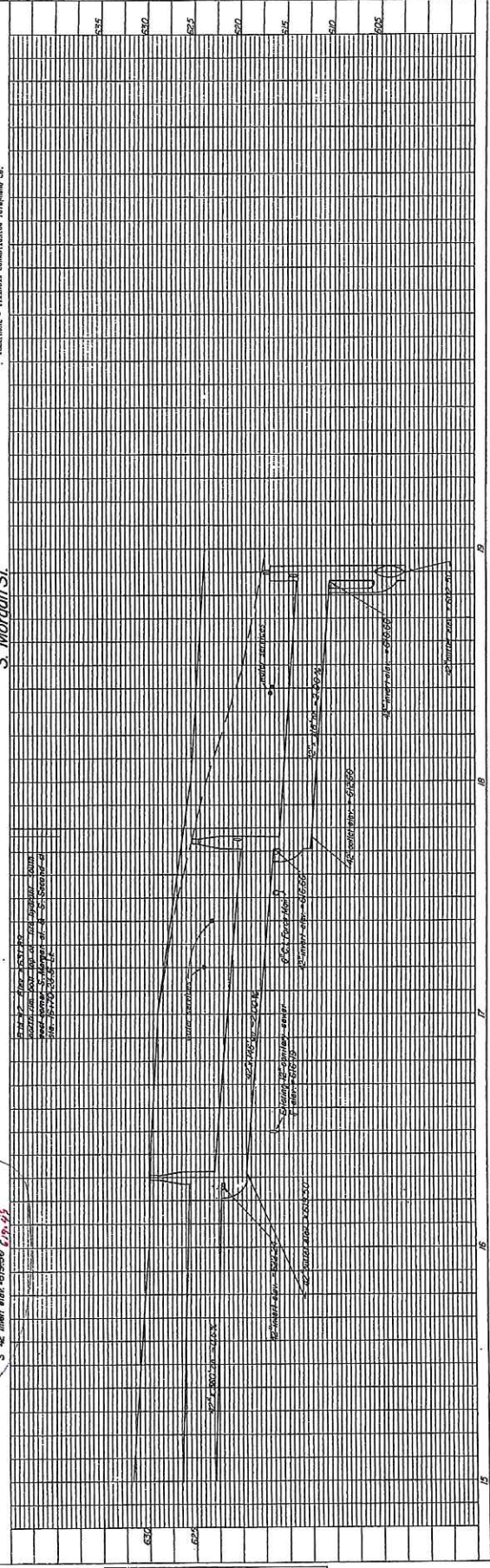
Scales: horizontal 1"=20'
vertical 1"=5'



UTILITIES
GAS, ELECTRIC - General Illinois Public Service Co.
TELEPHONE - Illinois Consolidated Telephone Co.

S. Morgan St.

Note: 12" storm sewers are to be culminated to avoid the 8" sanitary sewer
and to comply incident to 12" sewer pipe.



PLAN & PROFILE
STUYVESANT, N.Y.

VERTICALS AND SLOPES ARE SHOWN IN ALL
 DIRECTIONS. THE SLOPE OF THE
 ADJACENT AREAS IS AN ESTIMATED QUANTITY

PORTLAND CEMENT AND SLOPES ARE SHOWN IN ALL
 DIRECTIONS. THE SLOPE OF THE
 ADJACENT AREAS IS AN ESTIMATED QUANTITY

THE SLOPE OF THE ADJACENT AREAS IS AN
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 ADJACENT AREAS IS AN ESTIMATED QUANTITY

Scales: Horizontal 1"=50'
 Vertical 1"=5'

PROJECT ENDS Sta. 32+65

City of Subiwi

Cutting 48" top storm sewer

Existing 24" top storm sewer

34+00

33+00

32+00

31+00

30+00

29+00

28+00

27+00

26+00

25+00

24+00

23+00

22+00

21+00

20+00

19+00

18+00

17+00

16+00

15+00

14+00

13+00

12+00

11+00

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7+00

6+00

5+00

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34+00

33+00

32+00

31+00

30+00

29+00

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27+00

26+00

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24+00

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17+00

16+00

15+00

14+00

13+00

12+00

11+00

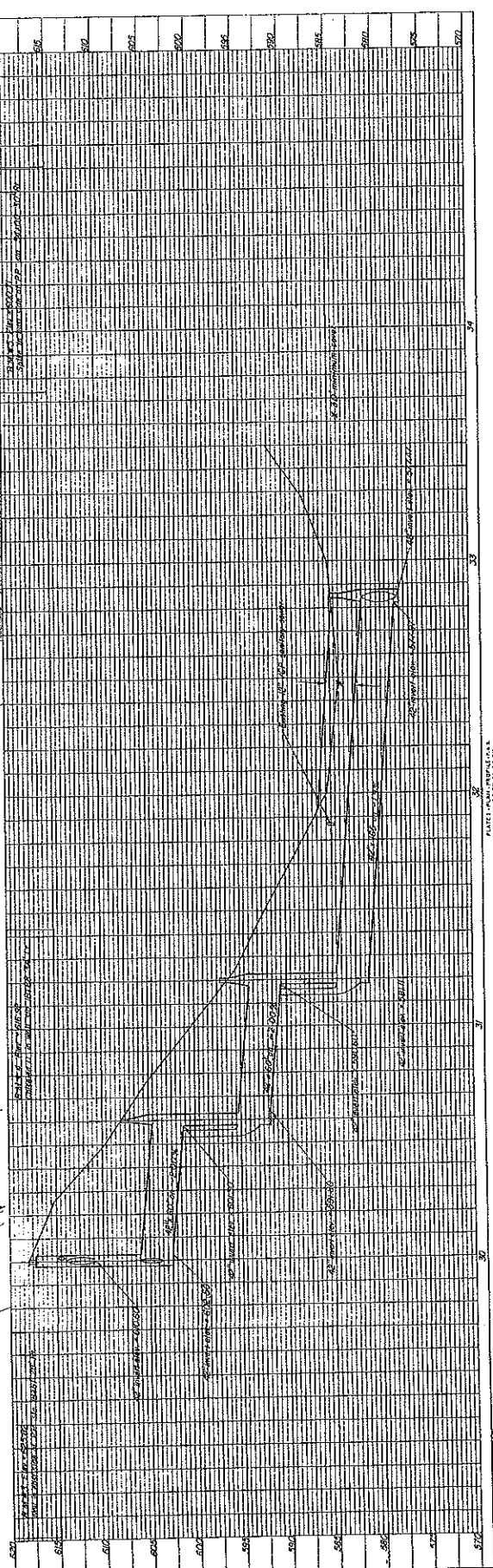
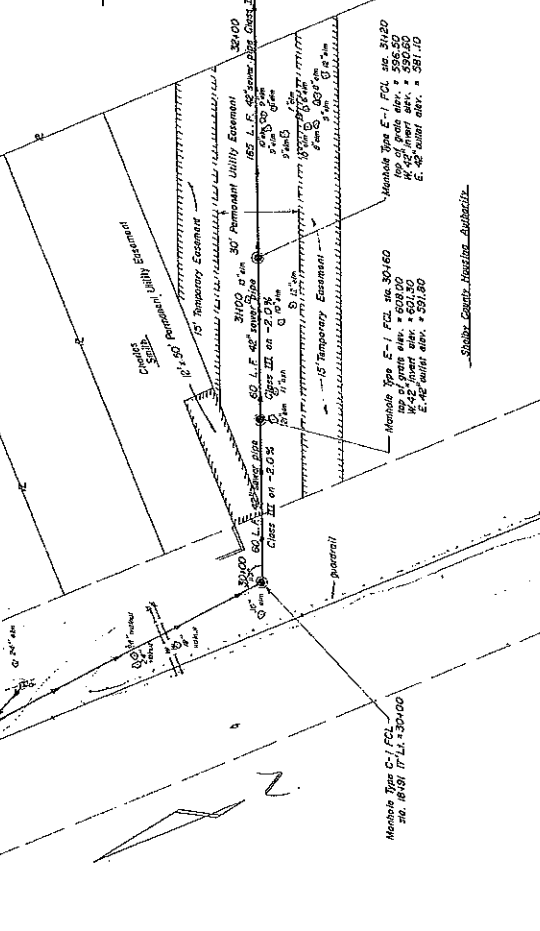
10+00

9+00

8+00

7+00

6+00



PLAN
 PROFILE



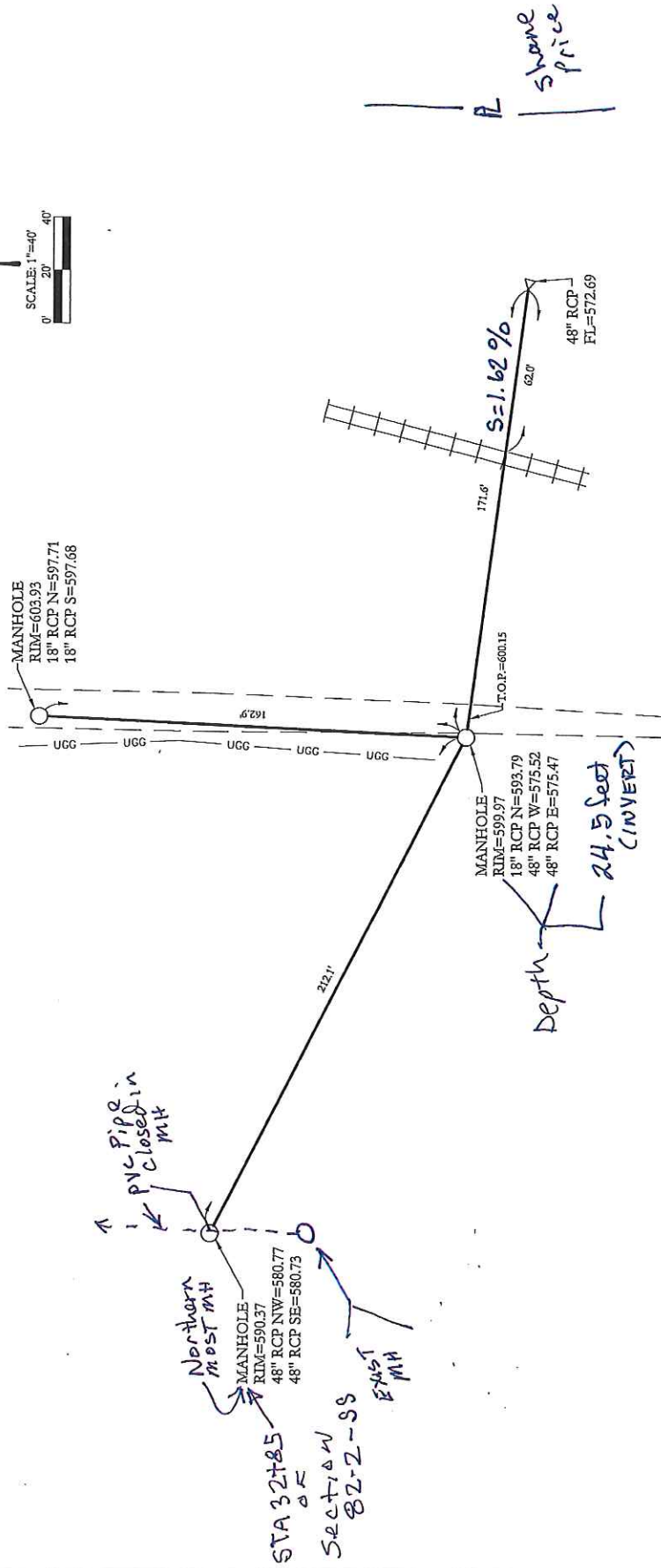
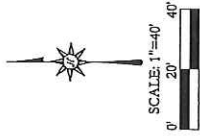
537472

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South FIRST St.

WORKSHEET

WASHINGTON STREET
CITY OF SHELBYVILLE
SHELBY COUNTY, ILLINOIS



AS-BUILT 3/26/2020

City Clerk

From: alan spesard <aspesard@hotmail.com>
Sent: Friday, June 19, 2020 10:39 AM
To: Mike Dahlquist
Subject: Copy of plans for storm sewer project - south morgan
Attachments: Plans approved 15-00059-00rs.pdf; proposal booklet approved 15-00059-00rs.pdf

Mike,

attached are plans and specifications for storm sewer project for south morgan to south 1st to south Washington streets.

let me know of any concerns.

alan

- INDEX OF SHEETS**
1. COVER SHEET
 2. SUMMARY OF QUANTITIES AND GENERAL NOTES
 - 3-5. TYPICAL SECTIONS
 6. SCHEDULES
 7. MISCELLANEOUS DETAILS
 - 8-11. PLAN AND PROFILE

LIST OF STANDARDS
SEE SHEET 2 OF 11 SHEETS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED ECONOMIC DEVELOPMENT PROGRAM TRUCK ACCESS PROGRAM CITY OF SHELBYVILLE IL

SHELBY COUNTY
SECTION 15-00059-00-RS
PHASE 1 - STORM SEWER

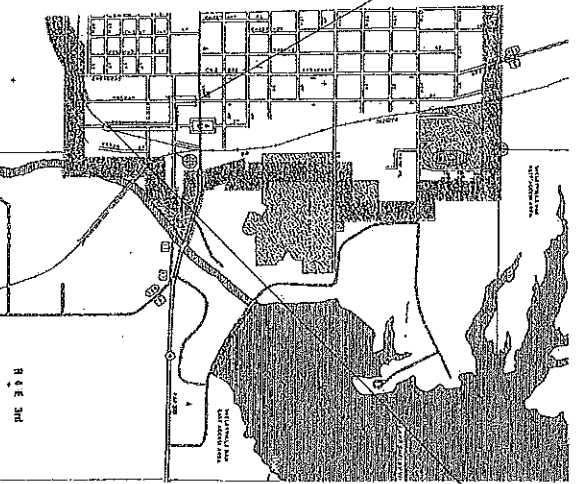
JOB NUMBER C-97-092-15

END PROJECT

S. Morgan Street:
Begin Sta 33 + 45
S. 1st Street:
Begin Sta 100 + 15
S. Washington Street:
Begin Sta 291 + 66

PLANS PREPARED BY:
SHELBY ENGINEERING
1010 E. NORTHLAND DR.
SHELBYVILLE ILLINOIS 62565
217-620-1550

TITLE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-382-0723



BEGIN PROJECT

S. Morgan Street:
Begin Sta 33 + 45
S. 1st Street:
Begin Sta 100 + 15
S. Washington Street:
Begin Sta 291 + 66

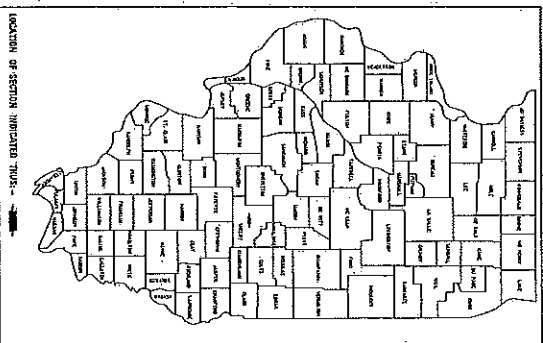
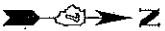
PROJECT LENGTH

S. Morgan Street - 355 ft
S. 1st Street - 377 ft
S. Washington Street - 842 ft

PLANS PREPARED BY:



S. ALAN SPESARD
LICENSED PROFESSIONAL ENGINEER OF IL
NUMBER 062-052965
EXPIRATION DATE 11-30-2021



FILE	SECTION	COUNTY	TOTAL SHEETS
15-00059-00-RS	PHASE 1	SHELBY	11
15-00059-00-RS	PHASE 1	SHELBY	11

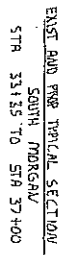
CITY OF SHELBYVILLE
APPROVED
5-18-2020

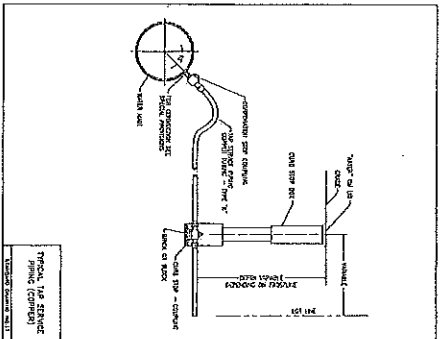
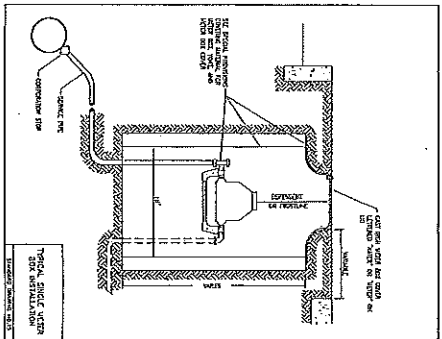
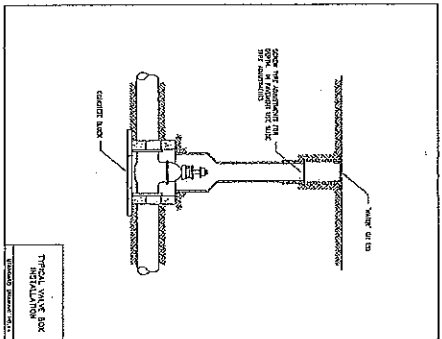
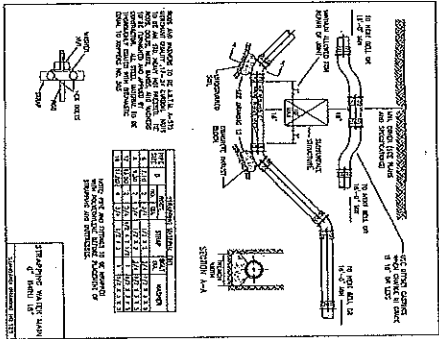
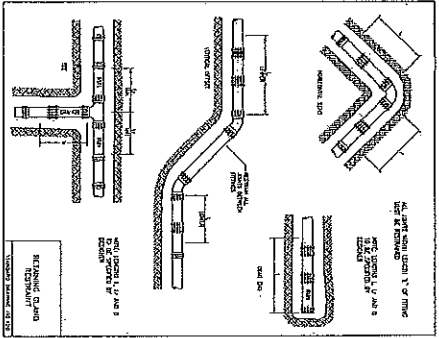
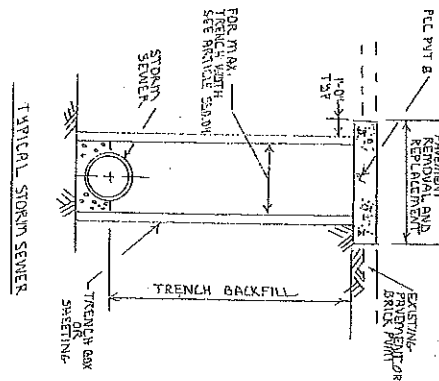
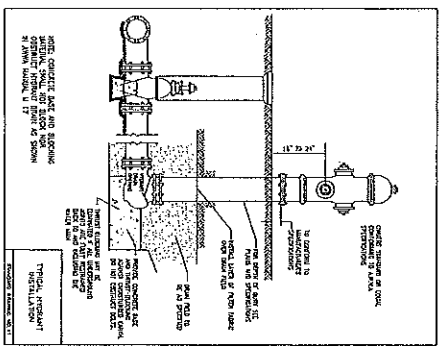
PASSED
5-18-2020
DISTRICT SEVEN ENGINEER OF
LOCAL ROAD AND STREETS

RELINQUISHING THE
RIGHT-OF-WAY FOR
LIMITED ACCESS

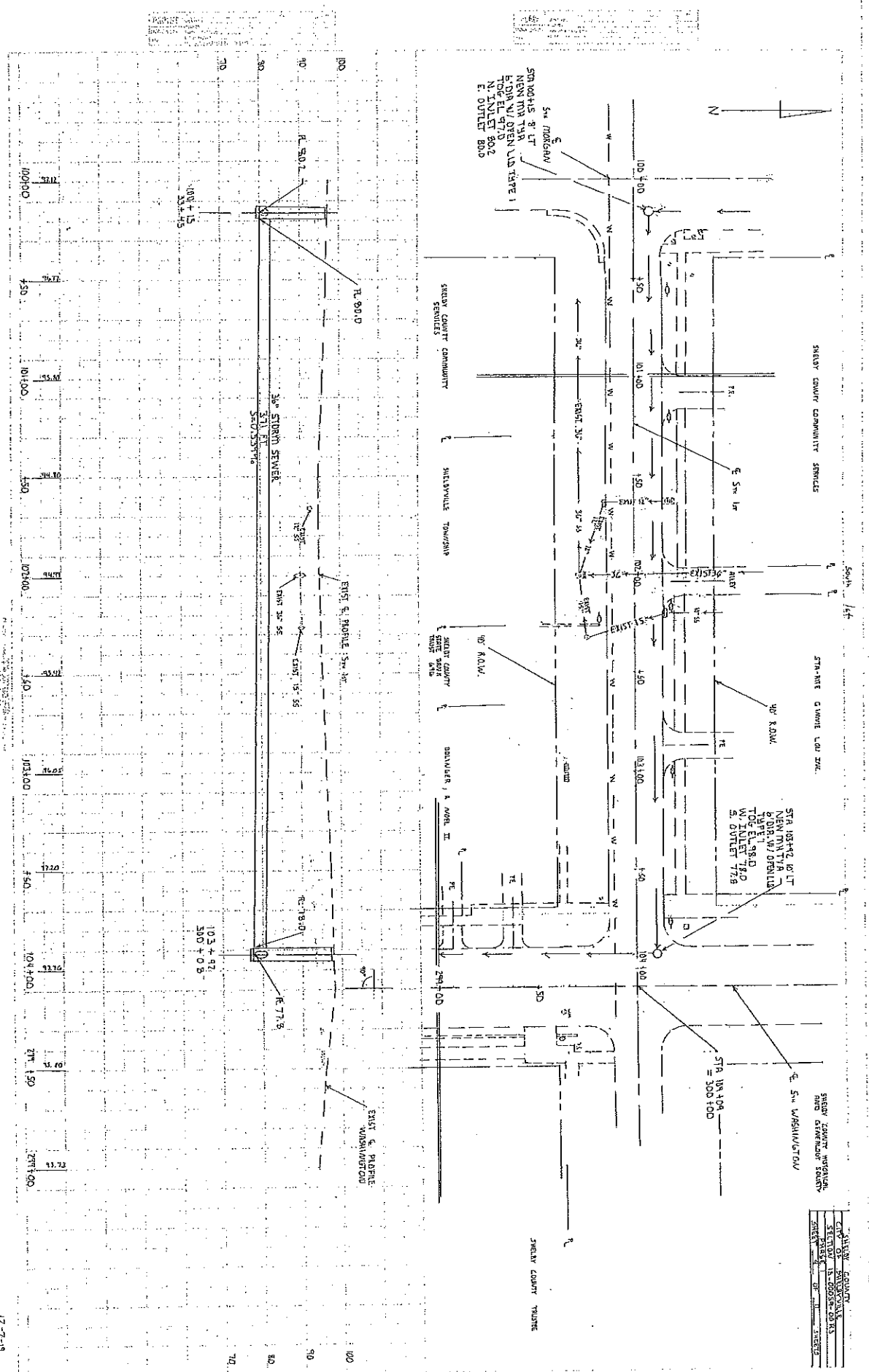
REGION FOUR ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MORIAN TYPICAL SECTIONS	
MODEL T-2-S*	APPROXIMATE
DATE:	5AS
	STATION OR CUS
	DEPTH

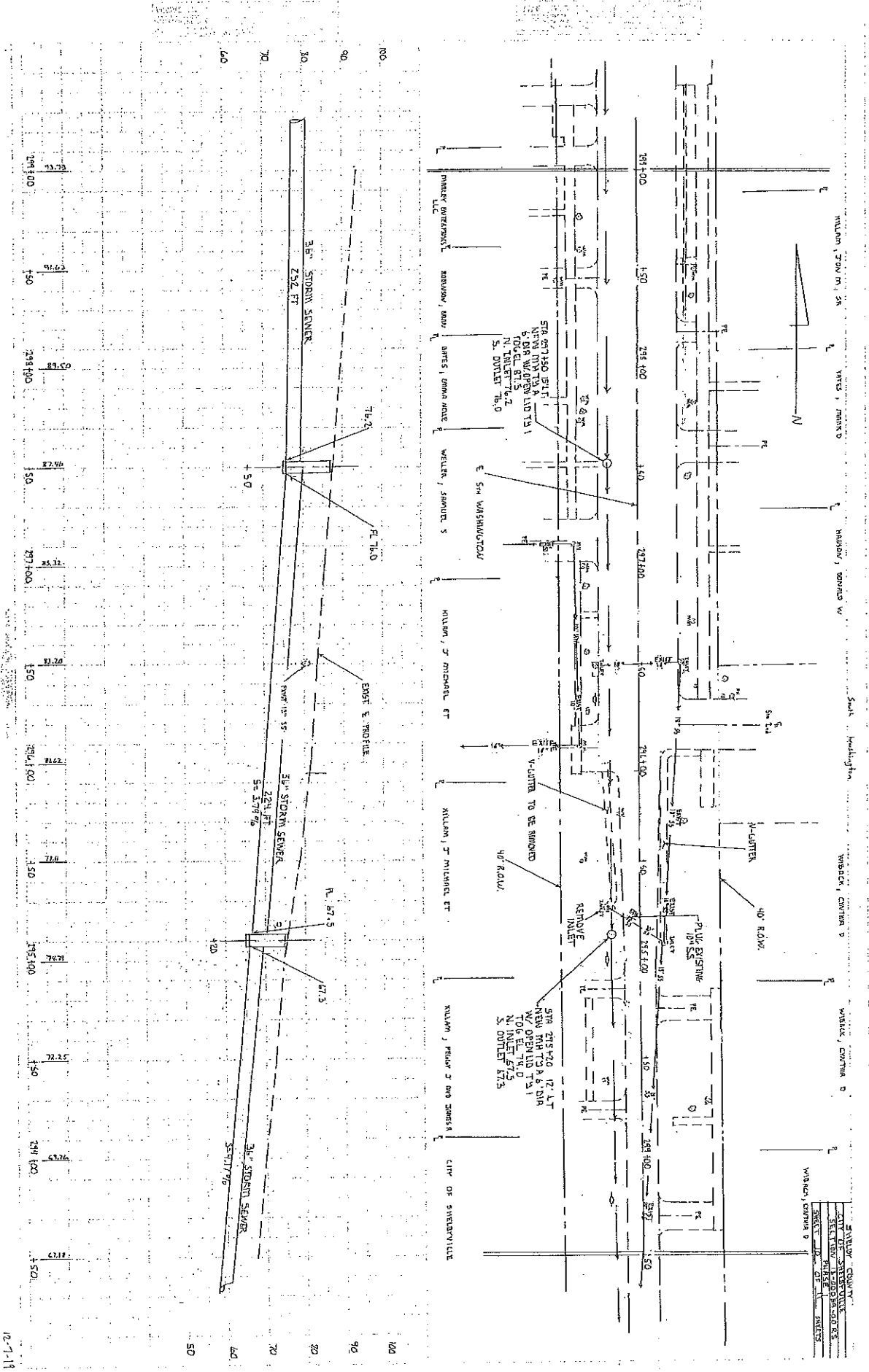








NEW SEWER
STATION 103+00 TO 104+00
DATE 10-20-03
BY J. J. JONES
CHECKED BY J. J. JONES
DATE 10-20-03



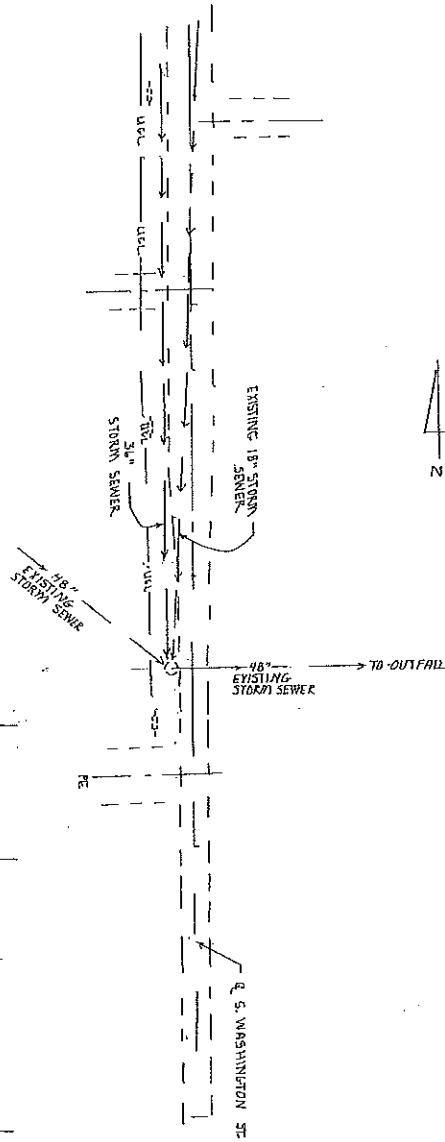
NO.	REVISION
1	AS SHOWN

NO.	REVISION
1	AS SHOWN

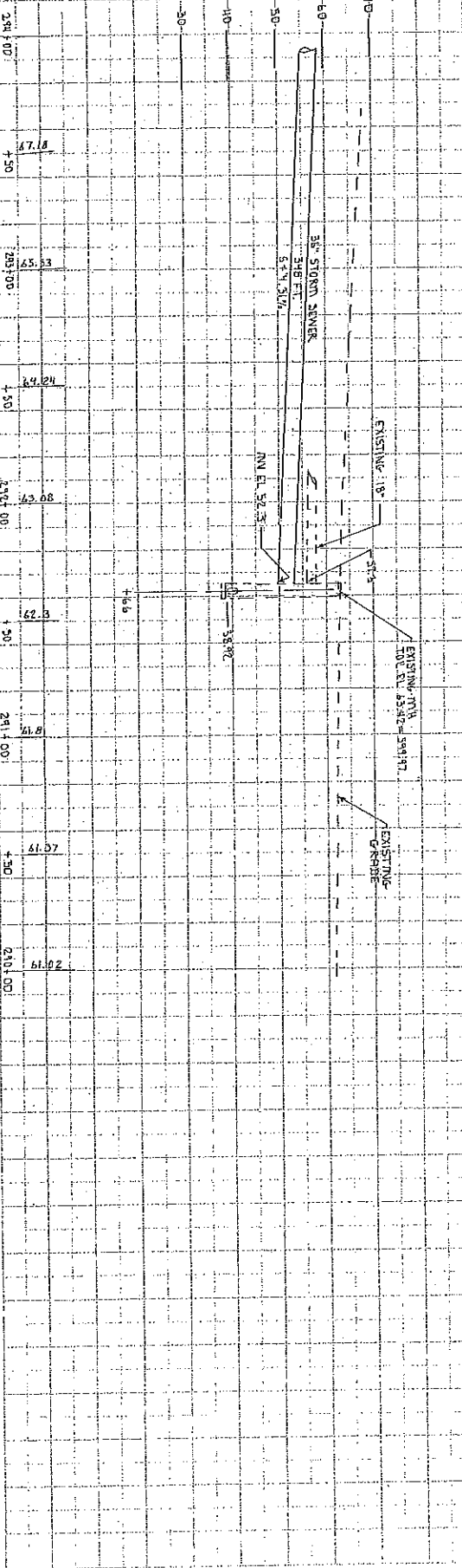
CITY OF SHELBYVILLE

R. SMITH, ROBERT E. SMITH, ROBERT E.

2



CITY OF SHELBYVILLE
SECTION 15-0000-0015
SHEET 15-0000-0015





**Local Public Agency
Formal Contract
Proposal**

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF SHELBYCITY OF SHELBYVILLE

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. S. Morgan Street and variousSECTION NO. 15-00059-00 RS Phase 1TYPES OF FUNDS EDP, TARP☒ SPECIFICATIONS (required)☒ PLANS (required)**For Municipal Projects**

Submitted/Approved/Passed

X

☒ Mayor ☐ President of Board of Trustees ☐ Municipal Official

Date

Department of Transportation☒ Released for bid based on limited review

Regional Engineer

5-18-2020

Date

For County and Road District Projects

Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date


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



Estimate of Time Required

Route	S. Morgan and various
Section	15-00059-00 RS
County	Shelby
Project	

Item	Unit (Check One)	Quantity	Rate Per Day	Days	Days Not Affecting Time	Total Days Required
	<input checked="" type="checkbox"/> English <input type="checkbox"/> Metric					
TRENCH BACKFILL	CU YD	3,433.00	350.00	10.00		10.00
PCC PAVEMENT 8"	SQ YD	690.00	200.00	3.00		3.00
STORM SEWERS, CL A, TY 2 30"	FOOT	111.00	35.00	3.00		3.00
STORM SEWERS, CL A, TY 2 36"	FOOT	572.00	35.00	16.00		16.00
STORM SEWERS, CL A, TY 2 30"	FOOT	212.00	35.00	6.00		6.00
STORM SEWERS, CL A, TY 3 36"	FOOT	252.00	35.00	7.00		7.00
STORM SEWERS, CL A, TY 4 36"	FOOT	371.00	35.00	11.00		11.00
MANHOLES, TY A, 5' DIA	EACH	1.00	1.00	1.00		1.00
MANHOLES, TY A, 6' DIA	EACH	4.00	1.00	4.00		4.00
Total Actual Working Days Required						61.00
Total Days from page one						
Total Days						65.00

Made by AS Date 2/1/2020 Checked by  Date _____
Regional Engineer

RETURN WITH BID

NOTICE TO BIDDERS

County SHELBY
 Local Public Agency CITY OF SHELBYVILLE
 Section Number 18-00059-00 RS
 Route S. Morgan, various

Sealed proposals for the improvement described below will be received at the office of The City Clerk,
170 East Main Shelbyville until 12:00 PM on June 11, 2020
 Address Time Date

Sealed proposals will be opened and read publicly at the office of The City Clerk
170 East Main Shelbyville at 12:00 PM on June 11, 2020
 Address Time Date

DESCRIPTION OF WORK

Name S. Morgan upgrade phase 1 storm sewer Length: 1574.00 feet (0.29 miles)
 Location South Morgan Street, South 1st Street, South Washington Street
 Proposed Improvement Install Storm Sewer and other related work

1. Plans and proposal forms will be available in the office of the City of Shelbyville Clerk
170 East Main Street Shelbyville, Illinois 62565, (217) 774-5531
 Address

2. ☒ Prequalification

If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, 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 one original 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:

- BLR 12200: Local Public Agency Formal Contract Proposal
- BLR 12200a Schedule of Prices
- BLR 12230: Proposal Bid Bond (if applicable)
- BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)
- BLR 12326: Affidavit of Illinois Business Office

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.

RETURN WITH BID

PROPOSAL

County SHELBY
 Local Public Agency CITY OF SHELBYVILLE
 Section Number 15-00059-00-RS
 Route S. Morgan & various

1. Proposal of _____

 for the improvement of the above section by the construction of Storm Serwer and
OTHER RELATED WORK

 a total distance of 1574.00 feet, of which a distance of 1574.00 feet, (0.290 miles) are to be improved.
2. The plans for the proposed work are those prepared by Shelby Engineering, Shlebyville
 and approved by the Department of Transportation on _____
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 65 working days or by _____
 unless additional time is granted in accordance with the specifications.
6. 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 _____ 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:
 City _____ Treasurer of _____
 The amount of the check is _____ (_____).
7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____.
8. The successful bidder at the time of execution of the contract _____ 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 or check shall be forfeited to the Awarding Authority.
9. 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 product 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.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.
12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, 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.



Illinois Department of Transportation

SCHEDULE OF PRICES

A bid will be declared unacceptable if neither a unit price nor total price is shown.

County SHELBY

Local Public Agency CITY OF SHELBYVILLE

Section 15-00059-00 RS

Route S. MORGAN varies

Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	Total

Schedule for Single Bid

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

Bidder's Proposal for making Entire Improvements

Item No.	Items	Unit	Quantity	Unit Price	Total
20800150	TRENCH BACKFILL	CU YD	3433		
25000200	SEEDING, CLASS 2	ACRE	0.05		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	4.5		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4.5		
25000600	POTASSIUM FERTILIZER NUTIRENT	POUND	4.5		
25100115	MULCH METHOD 2	ACRE	0.05		
28000500	INLET AND PIPE PROTECTION	EACH	5		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	14		
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	690		
44000400	GUTTER REMOVAL	FOOT	70		
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	111		
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	572		
550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	212		
550A0770	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	252		
550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	371		
56200200	WATER SERVICE LINE 3/4"	FOOT	30		
56200300	WATER SERVICE LINE 1"	FOOT	30		
60221000	MANHOLE TY A 5' DIA TY 1 FRAME, OPEN LID	EACH	1		
60223700	MANHOLE TY A 6' DIA TY 1 FRAME, OPEN LID	EACH	4		
66900200	NON SPECIAL WASTE DISPOSAL	CU YD	322		
66900530	SOIL DISPOSAL ANALYSIS	EACH	1		
66901001	REG SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		
66901003	REG SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		
6691006	REGULATED SUBSTANCES MONITORING	CAL DA	15		
67100100	MOBILIZATION	L. SUM	1		
X6028300	INLETS REMOVED SPECIAL	EACH	1		

RETURN WITH BID

[illegible]

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

County	SHELBY
Local Public Agency	CITY OF SHELBYVILLE
Section Number	15-00059-00- RS
Route	S. Morgan & various

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 procedures established by the appropriate revenue Act, its liability for the tax or the amount of 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 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 in 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 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 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 in 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 cancelled.

RETURN WITH BID

SIGNATURES

County SHELBY
Local Public Agency CITY OF SHELBYVILLE
Section Number 15-00059-00-RS
Route S. Morgan & various

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners



(If a corporation)

Corporate Name _____

Signed By _____

President

Business Address _____

Insert Names of Officers



President _____

Secretary _____

Treasurer _____

Attest: _____
Secretary



**Illinois Department
of Transportation**

**Local Agency
Proposal Bid Bond**

RETURN WITH BID

Route _____
County Shelby
Local Agency City of Shelbyville
Section 15-00059-00 RS

PAPER BID BOND

WE _____ as PRINCIPAL,
and _____ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____

Principal

(Company Name)

(Company Name)

By: _____
(Signature and Title)

By: _____
(Signature and Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

By: _____
(Signature of Attorney-in-Fact)

(Name of Surety)

STATE OF ILLINOIS,

COUNTY OF _____

I, _____, a Notary Public in and for said county,
do hereby certify that _____

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____

My commission expires _____
(Notary Public)

ELECTRONIC BID BOND

☐ Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date



**Illinois Department
of Transportation**

**Apprenticeship or Training
Program Certification**

Return with Bid

Route

County

Local Agency

Section

SHELBY

CITY OF SHELBYVILLE

15-00059-00RS

All contractors are required to complete the following certification:

☒ For this contract proposal or for all groups in this deliver and install proposal.

☐ For the following deliver and install groups in this material proposal:

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
- III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

- IV: Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership. ☐

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: _____

By: _____
(Signature)

Address: _____

Title: _____

RETURN WITH BID



**Illinois Department
of Transportation**

Affidavit of Illinois Business Office

County SHELBY
Local Public Agency CITY OF SHELBYVILLE
Section Number 15-00059-00 RS
Route S. MORGAN & VARIOUS

State of _____)
County of _____) ss.

I, _____ of _____, _____,
(Name of Affiant) (City of Affiant) (State of Affiant)

being first duly sworn upon oath, states as follows:

1. That I am the _____ of _____,
officer or position bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, _____, will maintain a
(bidder)
business office in the State of Illinois which will be located in _____ County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

(Signature)

(Print Name of Affiant)

This instrument was acknowledged before me on _____ day of _____, _____.

(SEAL)

(Signature of Notary Public)



Check Sheet for Recurring Special Provisions



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

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	83
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	86
3	<input type="checkbox"/> EEO	87
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	97
5	<input type="checkbox"/> Required Provisions - State Contracts	102
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	108
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	109
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	110
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	111
10	<input type="checkbox"/> Construction Layout Stakes	114
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	117
12	<input type="checkbox"/> Subsealing of Concrete Pavements	119
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	123
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	125
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	126
16	<input type="checkbox"/> Polymer Concrete	128
17	<input type="checkbox"/> PVC Pipeliner	130
18	<input type="checkbox"/> Bicycle Racks	131
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	133
20	<input type="checkbox"/> Work Zone Public Information Signs	135
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	136
22	<input type="checkbox"/> English Substitution of Metric Bolts	137
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	138
24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	139
25	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	147
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	163
27	<input type="checkbox"/> Reserved	165
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1)	166
29	<input type="checkbox"/> Reserved	172
30	<input type="checkbox"/> Reserved	173
31	<input type="checkbox"/> Reserved	174
32	<input type="checkbox"/> Temporary Raised Pavement Markers	175
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	176
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	179
35	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	183
36	<input type="checkbox"/> Longitudinal Joint and Crack Patching	186

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	<input type="checkbox"/> Reserved	189
LRS 2	<input type="checkbox"/> Furnished Excavation	190
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	191
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	192
LRS 5	<input checked="" type="checkbox"/> Contract Claims	193
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	194
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	200
LRS 8	Reserved	206
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	207
LRS 10	Reserved	208
LRS 11	<input checked="" type="checkbox"/> Employment Practices	209
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	211
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	213
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	214
LRS 15	<input checked="" type="checkbox"/> Partial Payments	217
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	218
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	219
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	220

SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 15-00059-00-RS
S. MORGAN STREET & VARIOUS

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**STATE OF ILLINOIS
SHELBY COUNTY
SPECIAL PROVISIONS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1 2016, the latest edition of the "Illinois 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 adopted January 1, 2020, "indicated on the Check Sheet included herein which shall apply to and govern the construction of Section 15-00059-00-RS, S. Morgan Street & Various, in the City of Shelbyville, Shelby County, Illinois, and in case of conflict with any part or parts of said specifications, the said Special Provision shall take precedence and shall govern.

PROJECT LOCATION:

The work included in Section 15-00059-00-RS is located on S. Morgan, S. 1st and S. Washington Streets in the City of Shelbyville.

DESCRIPTION OF WORK:

The work under this contract shall consist of storm sewer, manholes and other related work.

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, in the plans, and the Standard Specifications for Traffic Control Items.

Traffic: The roadway will be not be closed to all traffic. Special attention is called to Articles 107.09, 107.14 and Section 701 of the Standard Specifications for Road and Bridge Construction and the following Highway Standards and other Special Provisions relating to traffic control. Traffic: One lane in each direction shall remain open at all times and Special Provision LRS 4 Flaggers in Work Zones and other Special Provisions Relating to traffic control.

- Traffic Control and Protection required under the following standards will be considered as included in the contract price and will not be measured for payment and no additional compensation will be allowed the contractor.

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CITY OF SHELBYVILLE
SECTION 15-00059-00-RS
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Standard	701001
Standard	701006
Standard	701301
Standard	701311
Standard	701501
Standard	701801
Standard	701901

- Standard 701301 in this contract include the following operations:
 - String Lining
 - Sawing
 - Layout
- Infrequently, personnel working on this project may do layout or inspection outside the limits of Traffic Control and Protection provide during various contractors' operation.

In order to provide adequate Traffic Control and Protection during the layout and inspection, the contractor shall furnish signs, barricades, flagmen, and other necessary traffic control items as directed by the Engineer.

1. Construction Staging

The Contractor shall stage the construction of this project to meet the requirements of this special provision and as directed by the Engineer. The Contractor will be responsible for developing stages as necessary to complete the work.

It is the desire of the City for the construction to take place in the most efficient manner while addressing the needs of the affected businesses, residents, the public and the City. Deviations from this plan must be in the best interest of all affected parties and will only be allowed with prior written approval by the Engineer.

Parking shall be maintained on all blocks not being worked on.

2. Cooperation and Control of Work

In addition to the requirements of Section 105, the Contractor shall make every effort to communicate their schedule and proposed construction activities to affected business owners. The Contractor shall identify a single person, on the work site at all times, to act as the liaison between property owners, residents, business owners, the City and the Contractor. This person

**SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 15-00059-00-RS
S. MORGAN STREET & VARIOUS**

shall have full authority from the Contractor to negotiate access matters with all parties and shall meet the approval of the City.

Residents and businesses shall have 24 hour access to their property.

The City shall have the authority to require the Contractor to replace this liaison should the City be dissatisfied with their performance for any reason. If required by the City, the Contractor shall designate a new liaison within 5 working days, meeting the approval of the City.

The Contractor shall provide and maintain access to all residential properties within the project limits.

TRAFFIC CONTROL, CONSTRUCTION STAGING AND COOPERATION AND CONTROL OF WORK will not be measured for payment. The cost of this work shall be included in the contract price and no additional compensation will be allowed.

ALL TRAFFIC CONTROL AND PROTECTION IS TO BE INCLUDED IN THE COST OF THIS CONTRACT.

COARSE AGGREGATE GRADATION A-6:

Coarse Aggregate Gradation CA-10 may be used whenever Coarse Aggregate CA-06 is specified in the Standard Specifications. All CA-06 and CA-10 on this project shall be crushed limestone.

REMOVAL OF BROKEN CONCRETE:

The Contractor shall remove all the broken concrete that is within the limits of the project Right-of-Way as directed by the Engineer. The broken concrete shall be disposed of outside the project Right-of-Way limits in accordance with all Federal, State, and Local Laws.

The cost of the removal and disposal of the broken concrete shall be included in the cost of the contract and no additional compensation will be allowed.

OVERHAUL:

No payment for Overhaul will be allowed for earth moved to or from any source.

SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 15-00059-00-RS
S. MORGAN STREET & VARIOUS

BORROW AREAS, USE AREAS, AND/OR WASTE AREAS:

In addition to the provisions contained in Article 107.22 of the Standard Specifications, any required submittal(s) to the District office shall require four (4) copies sent for processing. All copies of pictures submitted shall be in color.

REMOVAL OF UNCLASSIFIED MATERIAL:

The existing unclassified materials such as rubble, tree limbs, rubbish, stones, etc., shall be removed at the locations shown on the plans or as designated by the Engineer. The material removed as required in this Special Provision shall be disposed of outside the limits of the right-of-way in accordance with Article 107.22 and 202.03 of the Standard Specifications and as directed by the Engineer.

This work will not be paid for separately, but shall be considered as included in the cost of the TRENCH BACKFILL.

SEEDING, CLASS 2 AND TEMPORARY EROSION CONTROL SEEDING:

Seeding on this contract shall be performed as stated in Article 250.07 Note #7 of the Standard Specifications for Road and bridge Construction.

If the permanent seeding cannot be completed within the calendar dates specified above the Contractor shall temporary seed all disturbed areas using Class 7 Mix. Other erosion control features may be required as directed by the Engineer, at locations directed by the Engineer. Other erosion control features will be paid for with the corresponding pay items in the plans. If the Engineer requests items, not included in the contract, that work shall be done in accordance with article 109.04 of the Standard Specifications for Road and Bridge Construction.

By Temporary Seeding of the disturbed areas, the Contractor will not be relieved of the contract requirement to provide Permanent Seeding and to provide the required lines and grades. The Contractor shall rework and repair all disturbed areas prior to Permanent Seeding. Temporary Seeding shall be removed prior to the placement of Permanent Seeding. The work required by this special provision will not be paid for separately, but shall be considered as included in the contract unit price per acre for SEEDING, CLASS 2.

**SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 15-00059-00-RS
S. MORGAN STREET & VARIOUS**

MULCH, METHOD 2:

This work shall be done in accordance with Section 251 of the Standard Specifications.

Mulching shall be done using Method 2 Procedure (3).

All Labor, Equipment, and Materials to comply with this special provision shall be included in the contract unit price per acre for MULCH, METHOD 2.

AGGREGATE SURFACE COURSE, TYPE B SPECIAL:

The Surface Course shall meet the applicable requirements of Section 351 of the Standard Specifications with the following exceptions:

- 1) The Base Course material may be deposited by tailgate spreading as directed by the Engineer.
- 2) Aggregate Surface Course, Type B shall be Crushed Limestone.

The cost of complying with this Special Provision will be considered as included in the cost per ton of Aggregate Surface Course, Type B, special.

MANHOLES & INLETS:

The Contractor shall submit shop drawings for all Structures, Frames, Lids and Grates to the office of the City Clerk for review and approval prior to the beginning of their construction.

INLETS TO BE REMOVED:

The Contractor shall remove existing inlet as directed by the Engineer. The existing storm sewer pipe shall be plugged and grade shall be restored as directed by the Engineer.

The cost of complying with this Special Provision will be considered as included in the cost of Inlet to be removed, special.

CONNECTION TO EXISTING MANHOLES

The connection to the existing Storm Sewer Manholes at Station 36+80 and at Station 291+66 shall consist of saw cutting a hole in the existing manhole of size suitable to accept the new storm sewer pipe. This connection shall be sealed by placing a concrete collar.

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SECTION 15-00059-00-RS
S. MORGAN STREET & VARIOUS

The cost of connection to existing manholes shall be included in the cost of the related items of work and no additional compensation shall be allowed.

UTILITIES:

THE ONLY UTILITIES KNOWN TO BE ON THIS PROJECT ARE AS FOLLOWS:

- | | |
|------------------|-----------------------------------|
| 1. TELEPHONE | CONSOLIDATED COMMUNICATIONS |
| (**) | 121 SOUTH 17 TH STREET |
| (***) | MATTOON, ILLINOIS 61938 |
| | (217) 234-9971, JASON RHODES |
| 2. POWER | SHELBY ELECTRIC COOPERATIVE |
| (**) | P.O. BOX 590 |
| (***) | SHELBYVILLE, ILLINOIS 62565 |
| | (217) 774-3986, JAMES MATLOCK |
| 3. POWER | AMEREN CIPS |
| (**) | 420N 2400 EAST ROAD |
| (***) | PANA, ILLINOIS 62557 |
| | (217) 273-0906, CLINT FREDERICK |
| 4. GAS | AMEREN CIPS |
| (**) | 711 SOUTH 9 TH STREET |
| (***) | MATTOON, ILLINOIS 62557 |
| | (217) 234-0492, SPENCER HARLAN |
| 5. WATER & SEWER | CITY OF SHELBYVILLE |
| (**) | 151 SOUTH MORGAN STREET |
| (***) | SHELBYVILLE, ILLINOIS 62565 |
| | (217) 774-5131 |

(**) ESTIMATED DATE OF RELOCATION; DURING CONSTRUCTION

(***) J.U.L.I.E. MEMBER

SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 15-00059-00-RS
S. MORGAN STREET & VARIOUS

CONTINUE UTILITIES:

FOR JOINT UTILITY INFORMATION CALL 1-800-892-0123

ALL UTILITY ADJUSTMENTS ARE TO BE MADE BY OTHERS

The above represents the best information of the Department and is only included for the convenience of the bidders. The applicable provisions of Articles 105.07, 105.08, and 107.20 of the Standard Specifications for Road and Bridge Construction and LR105 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 that the contractor's operations were affected.

SAW CUTS:

All saw cutting shall be included in the cost of related items and no additional compensation will be allowed.

CONCRETE PAVEMENTS:

All Concrete Pavements shall be final finished with Type A Final Finished. Article 420.10 of the Standard Specifications shall be deleted and article 406.11 shall be for the surface testing of the Pavements.

WATER SERVICE LINES

Water service lines may be encountered that have not been identified on the project plans.

All water service lines that require to be relocated shall be in accordance with article 562 of the Standard Specifications. Payment for relocating water service lines shall be included in the pay item Water Service line $\frac{3}{4}$ inch or 1 inch as applicable.

In addition, any water service line constructed of lead that is exposed shall be replaced in accordance with article 562. Payment for replacement of lead water service lines shall be paid for in accordance with article 109.4.

**SHELBY COUNTY
CITY OF SHELBYVILLE
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In addition, any water service line constructed of lead that is exposed shall be replaced in accordance with article 562. Payment for replacement of lead water service lines shall be paid for in accordance with article 109.4.

BDE SPECIAL PROVISIONS
For the April 24, 2020 and June 12, 2020 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	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	April 1, 2020
	80274	2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3	<input type="checkbox"/> Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
	80241	6	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
	50261	7	<input type="checkbox"/> Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50481	8	<input type="checkbox"/> Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50491	9	<input type="checkbox"/> Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50531	10	<input type="checkbox"/> Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80425	11	<input type="checkbox"/> Cape Seal	Jan. 1, 2020	
	80384	12	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	13	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
	80199	14	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15	<input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	16	<input type="checkbox"/> Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80277	17	<input type="checkbox"/> Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
	80261	18	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80387	19	<input type="checkbox"/> Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
	80029	20	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80402	21	<input checked="" type="checkbox"/> Disposal Fees	Nov. 1, 2018	
	80378	22	<input type="checkbox"/> Dowel Bar Inserters	Jan. 1, 2017	Jan. 1, 2018
	80405	23	<input type="checkbox"/> Elastomeric Bearings	Jan. 1, 2019	
	80421	24	<input type="checkbox"/> Electric Service Installation	Jan. 1, 2020	
	80415	25	<input type="checkbox"/> Emulsified Asphalts	Aug. 1, 2019	
	80423	26	<input type="checkbox"/> Engineer's Field Office and Laboratory	Jan. 1, 2020	
	80388	27	<input checked="" type="checkbox"/> Equipment Parking and Storage	Nov. 1, 2017	
	80229	28	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80417	29	<input type="checkbox"/> Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
	80420	30	<input type="checkbox"/> Geotextile Retaining Walls	Nov. 1, 2019	
	80304	31	<input type="checkbox"/> Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2017
	80422	32	<input type="checkbox"/> High Tension Cable Median Barrier Reflectors	Jan. 1, 2020	
	80416	33	<input type="checkbox"/> Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
	80398	34	<input type="checkbox"/> Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
*	80406	35	<input type="checkbox"/> Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Data Collection)	Jan. 1, 2019	Jan. 2, 2020
	80347	36	<input type="checkbox"/> Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
	80383	37	<input type="checkbox"/> Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
	80411	38	<input type="checkbox"/> Luminares, LED	April 1, 2019	
	80393	39	<input checked="" type="checkbox"/> Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
	80045	40	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Aug. 1, 2014
	80418	41	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	
	80424	42	<input type="checkbox"/> Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	
*	80428	43	<input type="checkbox"/> Mobilization	April 1, 2020	
	80165	44	<input type="checkbox"/> Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
	80412	45	<input type="checkbox"/> Obstruction Warning Luminares, LED	Aug. 1, 2019	
	80349	46	<input type="checkbox"/> Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016

80371	47	<input type="checkbox"/>	Pavement Marking Removal	July 1, 2016	
80389	48	<input checked="" type="checkbox"/>	Portland Cement Concrete	Nov. 1, 2017	
80359	49	<input type="checkbox"/>	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019
80300	50	<input type="checkbox"/>	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
34261	51	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	52	<input type="checkbox"/>	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
* 80306	53	<input type="checkbox"/>	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 2, 2020
80407	54	<input checked="" type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
* 80419	55	<input type="checkbox"/>	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
80395	56	<input type="checkbox"/>	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	57	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	58	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80408	59	<input type="checkbox"/>	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
80413	60	<input type="checkbox"/>	Structural Timber	Aug. 1, 2019	
80397	61	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	62	<input checked="" type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80317	63	<input type="checkbox"/>	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019
80298	64	<input type="checkbox"/>	Temporary Pavement Marking	April 1, 2012	April 1, 2017
80403	65	<input type="checkbox"/>	Traffic Barrier Terminal, Type 1 Special	Nov. 1, 2018	
80409	66	<input checked="" type="checkbox"/>	Traffic Control Devices - Cones	Jan. 1, 2019	
80410	67	<input type="checkbox"/>	Traffic Spotters	Jan. 1, 2019	
20338	68	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	
80318	69	<input type="checkbox"/>	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
* 80429	70	<input type="checkbox"/>	Ultra-Thin Bonded Wearing Course	April 1, 2020	
80288	71	<input type="checkbox"/>	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	72	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
* 80414	73	<input type="checkbox"/>	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
* 80427	74	<input type="checkbox"/>	Work Zone Traffic Control Devices	Mar. 2, 2020	
80071	75	<input checked="" type="checkbox"/>	Working Days	Jan. 1, 2002	

The following special provisions are in the 2020 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>
80404	Coarse Aggregate Quality for Micro-Surfacing and Cape Seals	Article 1004.01(b)	Jan. 1, 2019	
80392	Lights on Barricades	Articles 701.16, 701.17(c)(2) & 603.07	Jan. 1, 2018	
80336	Longitudinal Joint and Crack Patching	Check Sheet #36	April 1, 2014	April 1, 2016
80400	Mast Arm Assembly and Pole	Article 1077.03(b)	Aug. 1, 2018	
80394	Metal Flared End Section for Pipe Culverts	Articles 542.07(c) and 542.11	Jan. 1, 2018	April 1, 2018
80390	Payments to Subcontractors	Article 109.11	Nov. 2, 2017	

The following special provisions have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80328	Progress Payments	Nov. 2, 2013	

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

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:

City of Shelbyville, 170 East Main Street Shelbyville Illinois 62565

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

INDEX OF STANDARDS

<u>STANDARD #</u>	<u>STANDARD NAME</u>
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
602402-02	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-10	PRECAST MANHOLE TYPE A 6' DIAMETER
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
701001-02	OFF-RD OPERATIONS 2L, 2W, MORE THEN 15' AWAY
701006-05	OFF-RD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

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 Size			
Main Structure To Be Filled			FL	Centerline Arrow Circle				Grading & Shoulder Ditches			
Structure To Be Filled			F	Baseline Symbol				Drainage Boundary Line			
Structure To Be Filled Special			FSP	Centerline Symbol				Post Ditch			
Structure To Be Removed			R	PI Indicator				Aggregate Width			
Structure To Be Reconstructed			REC	Point Indicator				Point Indentation			
Structure To Be Reconstructed Special			RSP	Horizontal Curve Data				Storm Sewer			
Frame and Grate To Be Adjusted			A	Half Size				Flowline			
Frame and Lid To Be Adjusted			A	Curve Data				Ditch Channel			
Domestic Service Box To Be Adjusted			A	Curve Data				Headwall			
Valve Vault To Be Adjusted			A	Curve Data				Inlet			
Special Adjustment			SP	Boundaries Items				Manhole			
Item To Be Abandoned			AB	Dashed Property Line				Sanitary			
Item To Be Moved			M	Solid Hydrant Line				Sanitary Ditch Flow			
Item To Be Relocated			REL	Section/Grate Line				Swale			
Pavement Removal and Replacement				Quarter Section Line				Culvert Basin			
				Quarter/Quarter Section Line				Culvert End Section			
				County/Township Line				Water Surface Indication			
				State Line				Alarm			
				Iron Pipe Point				Hydraulics Items			
				Iron Pipe Set				Overflow			
				Survey Station				Street Flow			
				Property Line Symbol				Hydrant Outlet			
				State Ownership Symbol (Half Size)							
				Retained Quarter Center							
				Half Size							
				Section Center							
				Half Size							
				Sanitary Quarter Center							
				Half Size							

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

ISSUE 2 of 25

STANDARD 000001-07

Illinois Department of Transportation	
PROJECT NO.	2000-1-100
SECTION NO.	200
DATE OF PRELIMINARY DESIGN	2000
DATE OF FINAL DESIGN	2000
DESIGNED BY: [Signature]	
CHECKED BY: [Signature]	

EROSION & SEDIMENT CONTROL ITEMS		NON-HIGHWAY IMPROVEMENT ITEMS		EXISTING LANDSCAPING ITEMS (contd.)	
EX	PR	EX	PR	EX	PR
Cleaning & Grading Limits		Mass Abutment		Seeding Class 3	
Dike		Field Line		Seeding Class 1	
Erosion Control Fence		Fence		Seedlings Type 1	
Perimeter Erosion Barrier		Edge of Road		Seedlings Type 2	
Temporary Fence		Shoulder		Seeding	
Ditch Check Temporary		Shrub or Shrubbery		Flowerbed or Sign	
Ditch Check Permanent		Any Vegetation		Tree Trunk Protection	
Inlet & Pipe Protection		Advertising Sign		Ecological Tree	
Sediment Basin		ITS Camera		Shade Tree	
Erosion Control Blanket		Street Lighting			
Fabric Formed Concrete Retention Wall		Cellular Tower			
Turf Reinforcement Mat		Intelligent Transportation Systems			
Mulch Temporary		LANDSCAPING ITEMS			
Mulch Method 1		Contour Rounding Line			
Mulch Method 2 Stabilized		Fence			
Mulch Method 3 Hydraulic		Fence Post			
		Shrub			
		Shrubbery			
		Perennial Plants			
		Seeding Class 3			
		Seeding Class 4			
		Seeding Class 5			
		Seeding Class 6			
		Seeding Class 7			
		Seeding Class 8			
		Seeding Class 9			
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		Seeding Class 306			

LIGHTING (contd.)

Pull Point

Handhole

Heavy Duty Handhole

Junction Box

Light Unit Comb.

Electrical Ground

Traffic Flow Arrow

High Mast Pole
(Ball Size)

Light Unit: 1

EX



PR



PAVEMENT (MISC.)

Keyed Long Joint

Keyed Long Joint w/Flt Bars

Sawed Long Joint w/Flt Bars

Bluminox Shoulder

Bluminox Tape

Stabilized Driveway

Widering

EX



PR



PAVEMENT MARKINGS

Handicap Symbol

PA Crossing

Reduced Blanket Number 1 Way

Reduced Blanket Number 2 Way

Reduced Blanket Crystal 1 Way

Two Way Turn Left

Shoulder Stop Pattern

Shoulder Stop

Stop-Down Pattern

Stop Line

Stop Line

Double Centerline

Dashed Line

EX



PR



STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS

Sheet 4 of 31

STANDARD 000001-07

Illinois Department of Transportation

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

DATE: 1-1-79

PROJECT NO. 1-1-79

CONTRACT NO. 1-1-79

SECTION NO. 1-1-79

PAVEMENT MARKINGS (contd.)

EX

PR

CL 2W 2Way
RSPN 12.2 m (40') o.c.

CL 2W 2Way
RSPN 8.0' (24.4 m) o.c.

CL Multilane Div.
RSPN 4.0' (12.2 m) o.c.

CL Multilane Div.
RSPN 2.0' (24.4 m) o.c.

CL Multilane Div. Div.
RSPN 3.0' (24.4 m) o.c.

CL Multilane Undiv.

Two Way Turn Left Line

Urban Combination Left

Urban Combination Right

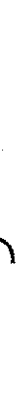
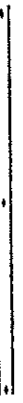
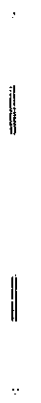
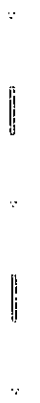
Urban Left Turn Arrow

Urban Right Turn Arrow

Urban Left Turn Only

Urban Right Turn Only

Urban Thru Only



ONLY ONLY ONLY

RAILROAD ITEMS

PR

EX

Abandoned Railroad



Railroad Point

PR

EX

Control Box

Crossing Gate

Flashing Signal

Railroad Cattle Guard, Road Arm

Overpass

REMOVAL ITEMS

EX

PR

Removal Tie

Retardation Removal

Track Pattern

Tree Removal Single

RIGHT OF WAY ITEMS

EX

PR

Future ROW Center Monument

ROW Marker

ROW Line

Extension

Temporary Extension

STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS

SH-303-3 of 93

STANDARD 000001-07

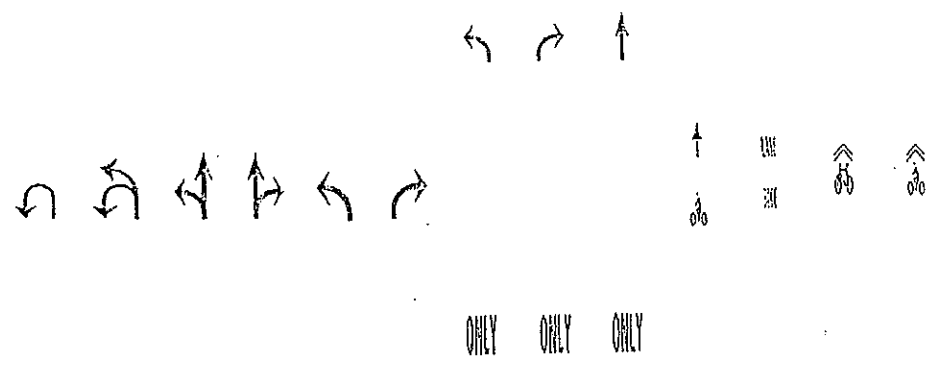
Illinois Department of Transportation		CS-200-11 1-1-97
DATE	2015	
DESIGNED BY	2015	
CHECKED BY	2015	
APPROVED BY	2015	
OFFICE OF TRANSPORTATION		

PAVEMENT MARKINGS
(contd.)

EX

PR

- 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
- Bike Lane Symbol
- Bike Lane Text
- Bike Path Shared
- Bike Shared Roadway



**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**
SHEET 3 OF 3
STANDARD 000001-07

Illinois Department of Transportation	
Project No. 11-115	215
DATE 11/11/11	
DESIGNED BY: [Signature]	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
FORWARDED BY: [Signature]	

RIGHT OF WAY ITEMS (contd.)		ROADWAY PROFILES		SIGNING ITEMS (contd.)	
EX	PR	EX	PR	EX	PR
Access Control Line	AC	P.I. Indicator		Reverse Left V20-20 (Half Size)	
Access Control Line & ROW	AC	Point Indicator		Reverse Right V21-21 (Half Size)	
Access Control Line & ROW with Force	AC	Entrance Balance Point		Two Way Traffic Sign V20-2 (Half Size)	
Excess ROW Line	XS	Begin Road		Speed Ahead V20-20 (Half Size)	
ROADWAY PLAN ITEMS		Vert. Curve Data		Left Lane Closed Ahead V20-510 (Half Size)	
Cable Barrier		Down Slope Left Side		Right Lane Closed Ahead V20-510 (Half Size)	
Concrete Barrier		Over Slope Right Side		Road Closed Ahead V20-510 (Half Size)	
Edge of Pavement		Roadway Closure Line		Road Construction Ahead V20-10 (Half Size)	
Bus Shoulder, Medians and C&G Line		Start Sign Above Left Side		Single Lane Ahead (Half Size)	
Aggregate Shoulder		Start Sign Above Right Side		Transition Left V20-21 (Half Size)	
Subways, Overpasses				Transition Right V20-21 (Half Size)	
Guardrail		SIGNING ITEMS			
Guardrail Post		Center, Down or Up Slope			
Traffic Sign		Baricade Type II			
Corrugated Median		Baricade Type III			
Impact Attenuator		Baricade With Edge Line			
North Arrow with District Office (Half Size)		Flashing Light Sign			
Match Line		Panel I			
Slope Limit Line		Panel II			
Typical Cross-Section Line		Direction of Travel			

Illinois Department of Transportation	
DESIGNED BY	DATE
CHECKED BY	DATE
THREE OF FOUR AND PROVISIONS	
APPROVED BY	DATE
REVIEWED BY	

STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS

STANDARD 000001-07

SIGNING ITEMS (contd.)

One Way Arrow Up, V1-6-101
(Half Size)

Two Way Arrow Large V1-7-101
(Half Size)

Driver Aids 10-101
(Half Size)

Driver Aids 10-101
(Half Size)

One Way Left A6-11
(Half Size)

One Way Right A6-11
(Half Size)

Left Turn Lane R3-1100L
(Half Size)

Keep Left R4-7AL
(Half Size)

Keep Left R4-7UL
(Half Size)

Keep Right R4-7AR
(Half Size)

Keep Right R4-7UR
(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 Bared

Box Culvert Restored

Bridge Pier

Bridge

Retaining Wall

Compulsory Street Naming

TRAFFIC SHEET ITEMS

EX

PR

Cable Barrier

Left Turn Green

Left Turn Yellow

Signal Backspace

Signal Section 3rd Order Road

Signal Section 12th Order Road

Widened Turn Lanes

Widened Turn Symbols

TRAFFIC SIGNAL ITEMS

EX

PR

One Signal Control

Underground Cable

Detector Loop Line

Detector Loop Large

Detector Loop Small

Detector Loop Quadrangle

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

STANDARD 000001-07

MINNESOTA DEPARTMENT OF TRANSPORTATION	
DESIGNED BY: <i>[Signature]</i>	CHECKED BY: <i>[Signature]</i>
DRAWN BY: <i>[Signature]</i>	DATE: 1-1-88
PROJECT: <i>[Signature]</i>	
SHEET: 1 OF 1	

TRAFFIC SIGNAL ITEMS (contd.)

Detector Raceway

Aluminum Mast Arm

Steel Mast Arm

Veh. Detector Magnetic

Conduit Splice

Controller

Guilbox Junction

Wood Pole

Temp. Signal Head

Handhole

Double Handhole

Heavy Duty Handhole

Junction Box

Fed. Pumbution Detector

Fed. Signal Head

Power Pole Service

Priority Veh. Detector

Signal Hoall

Signal Head w/Backplate

Signal Post

Closed Circuit TV

Video Detector System

UTILITY ITEMS (contd.)

Radio Signal

Radio Signal Control Box

Water Meter

Water Meter Valve Box

Profile Line

Aerial Power Line

VEGETATION ITEMS

Deciduous Tree

Shrub or Shrub

Evergreen Tree

Shrub

Deciduous Tree

Vegetation Line

Vegetation & Road Line

WATER FEATURE ITEMS

Stream or Drainage Ditch

Stream Edge

Water Surface Indicator

Water Point

Stream/Ditch

Stream

Stream/Ditch Boundary

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

STANDARD 000001-07

UNDERGROUND UTILITY ITEMS

Cable TV

Electric Cable

Fiber Optic

Gas Pipe

Oil Pipe

Sanitary Sewer

Telephone Cable

Water Pipe

UTILITIES ITEMS

Controller

Double Handhole

Fire Hydrant

Gas/Veh. or Detention Antenna

Handhole

Heavy Duty Handhole

Junction Box

Light Pole

Manhole

Monitoring Well (Gauging)

Pipeline Warning Sign

Power Pole

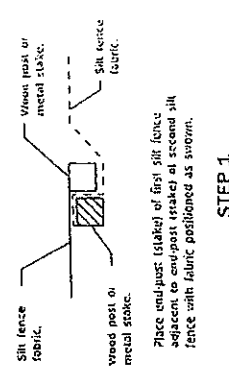
Power Pole with Light

Sanitary Sewer Cleanout

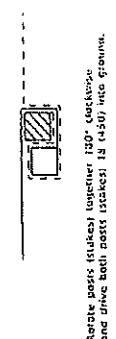
Splice Box Above Ground

Telephone Splice Box Above Ground

Telephone Pole

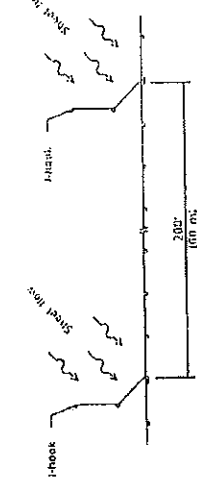


STEP 1

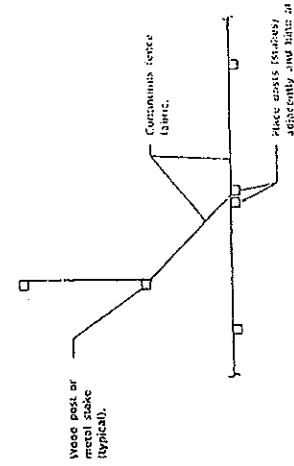


STEP 2

ATTACHING TWO SILT FILTER FENCES
(Not applicable for J-hooks)

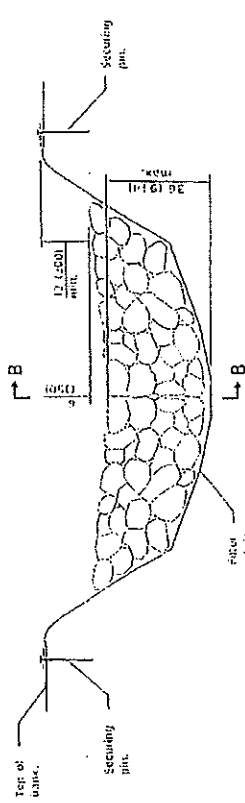


SILT FILTER J-HOOK PLACEMENT



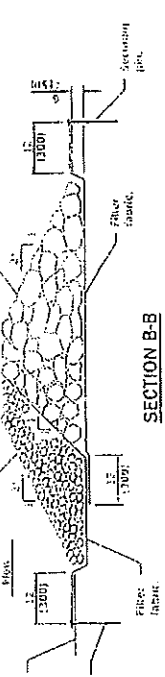
J-HOOK

Illinois Department of Transportation
 PROJECT: _____
 DRAWING: _____
 SHEET: _____
 DATE: _____



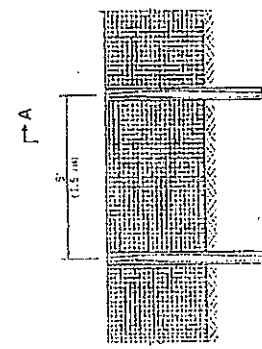
ELEVATION

When the ditch sheet is within the clear zone and the road is open to traffic, the traffic approach shall be the aggregate shall be 12-14 ft.



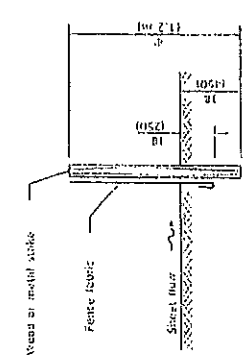
SECTION B-B

AGGREGATE DITCH CHECK

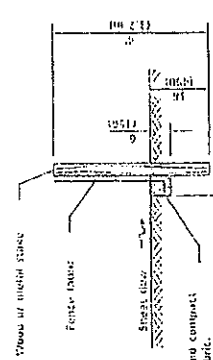


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

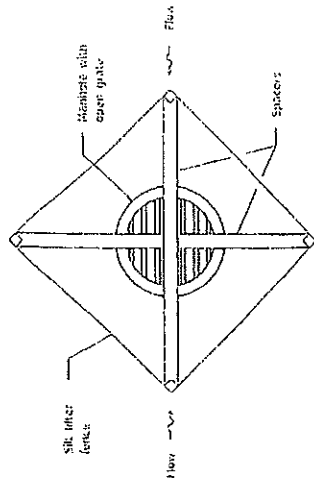
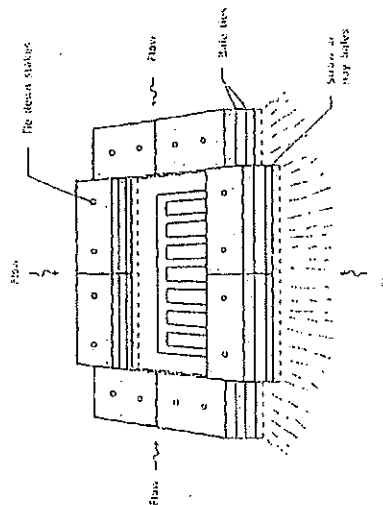
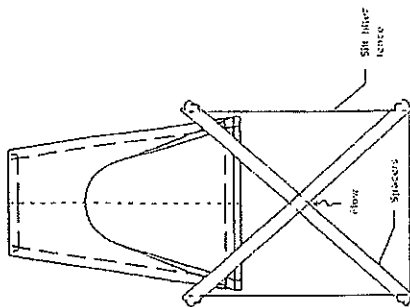
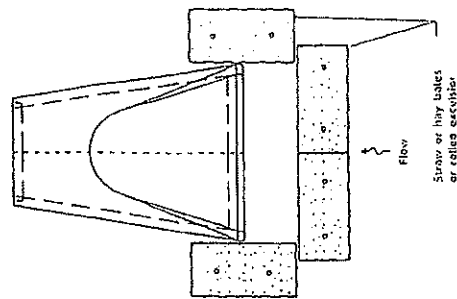
SECTION A-A

GENERAL NOTES

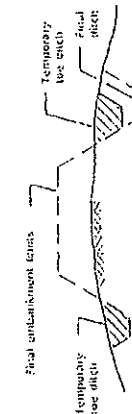
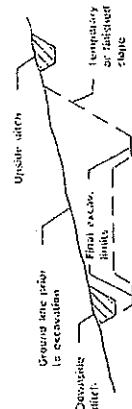
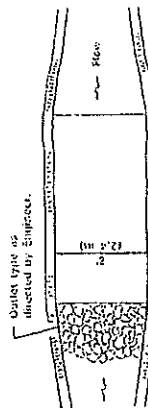
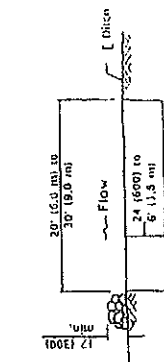
The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.
 All dimensions are in inches unless noted.
 unless otherwise noted.

TEMPERARY EROSION CONTROL SYSTEMS	
DATE	REVISIONS
1-1-75	Corrected notation for baseline (CL) on SEQUENCE
1-1-75	Baseline Elevation
1-1-75	Original highway perimeter barrier - Section SLICE METHOD
1-1-75	to SECTION A-A

STANDARD 280001-07



INLET AND PIPE PROTECTION



The flow dimension should be parallel with the section of the flow. Accumulators shall not be removed anytime the basins require 75% fill.

The performance of the system will improve if put into a series.

TYPICAL CUT CROSS-SECTION

TYPICAL FILL CROSS-SECTION

ELEVATION

PLAN

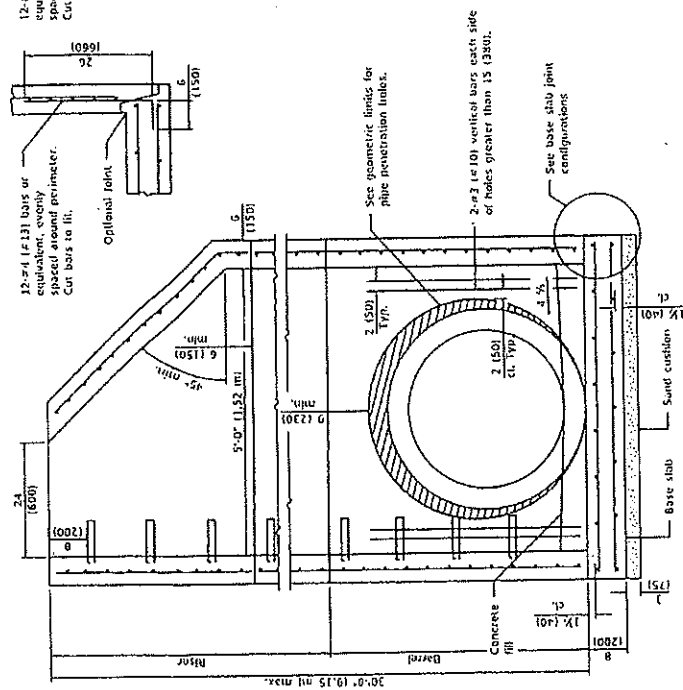
TEMPORARY DITCHES FOR CUT & FILL SECTIONS

SEDIMENT BASIN

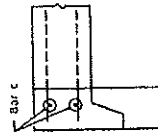
TEMPORARY EROSION CONTROL SYSTEMS

STANDARD 280001-07

Illinois Department of Transportation	
PROJECT	2553
DESIGNED BY	Michael J. Brown
CHECKED BY	Michael J. Brown
APPROVED BY	Michael J. Brown
DATE: 11-1-91	



SECTION PARALLEL TO P



TOP JOINT CONFIG
(JOINT 35000 IS UNKOWN)

(With conical top riser)

As an alternate, the barrel wall reinforcement may be reduced to fiber wall reinforcement with $\pi/3$ (60°) layers placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are located as exposed to coral.

1. A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above

1. A minimum of 9 (330) of monolithic reinforced concrete shall be maintained above pipe penetration holes ± 32 (810).
2. A minimum of 12 (360) inside arc length of reinforced concrete shall be maintained between pipe penetration holes ± 15 (380).
3. A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
4. Horizontal joints that intersect pipe penetration holes ± 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is ± 24 (609). See joint splice detail.
5. The recommended pipe penetration hole is equal to the O.D. of the pipe plus a {200, 200, 200} pipe penetration hole ± 15 (380) are allowed in riser sections.

**Simple, efficient
to use, easy to
center of slab**

STRAIN REINFORCEMENT
(Reinforcement not shown for clarity)

GENERAL NOTES

Litigating holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

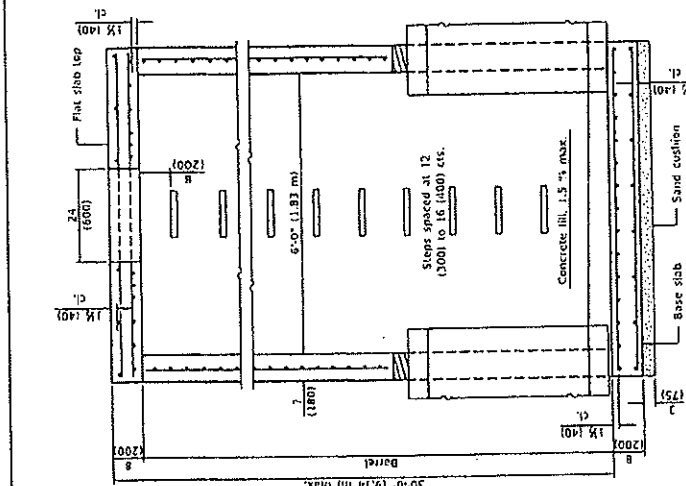
See Standard G02701 for details of manhole steps.

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

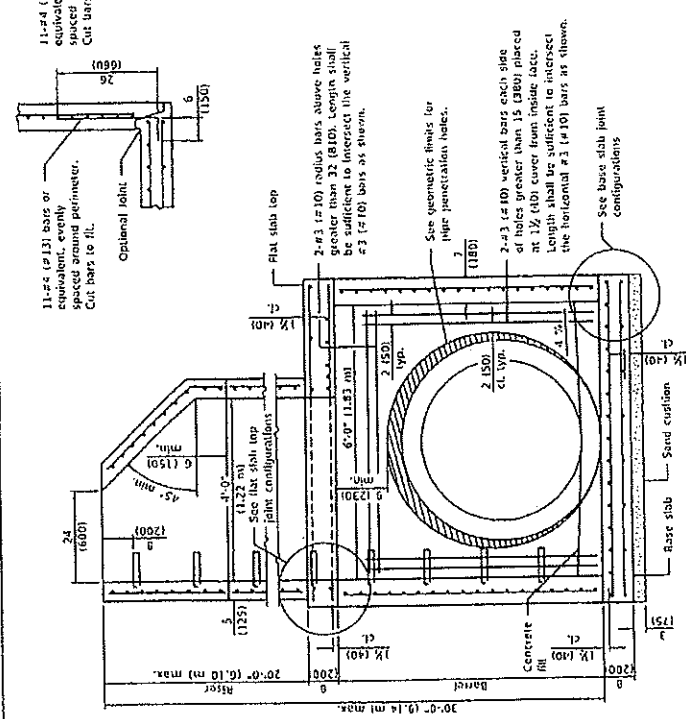
DATE	REVISIONS
3-1-19	Heaved wall reinforcement from inside face to middle.
1-1-19	Expanded / refined reinforcement options, increased mantle depths.

PRECAST MANHOLE TYPE A
5' (1.52 m) DIAMETER

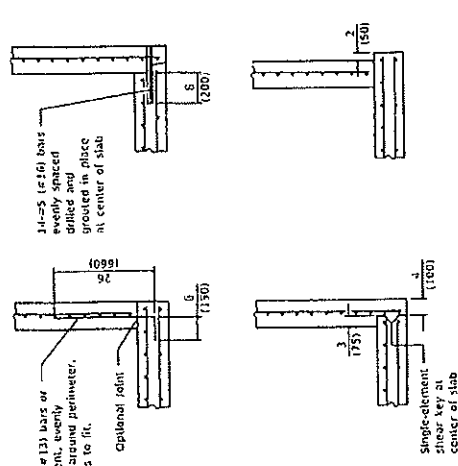
STANDARD 602402-02



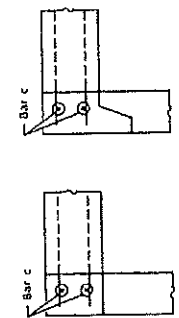
SECTION PARALLEL TO PIPE
(Without conical top riser)



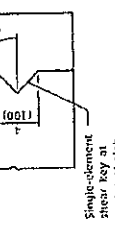
SECTION PERPENDICULAR TO PIPE
(With conical top riser)



BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access riser)



SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced and designed to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations, except as noted.

See Standard 60270 for details of manhole steps.

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

REVISIONS	
DATE	REVISIONS
3-1-19	Revised wall reinforcement from inside face to outside.
3-1-19	Expanded / revised reinforcement options, increased manhole depths.

STANDARD 602405-10	
PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER (Sheet 1 of 3)	

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

- A minimum of 5 (127) of nonmetallic reinforced concrete shall be maintained above pipe penetration holes > 32 (813).
- A minimum of 9 (230) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).
- A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.
- Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint space for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (609). See joint splice detail.
- The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).
- Only pipe penetration holes < 15 (380) are allowed in riser sections.

Illinois Department of Transportation

ISSUED 1-1-19

PROJECT NO. 2018

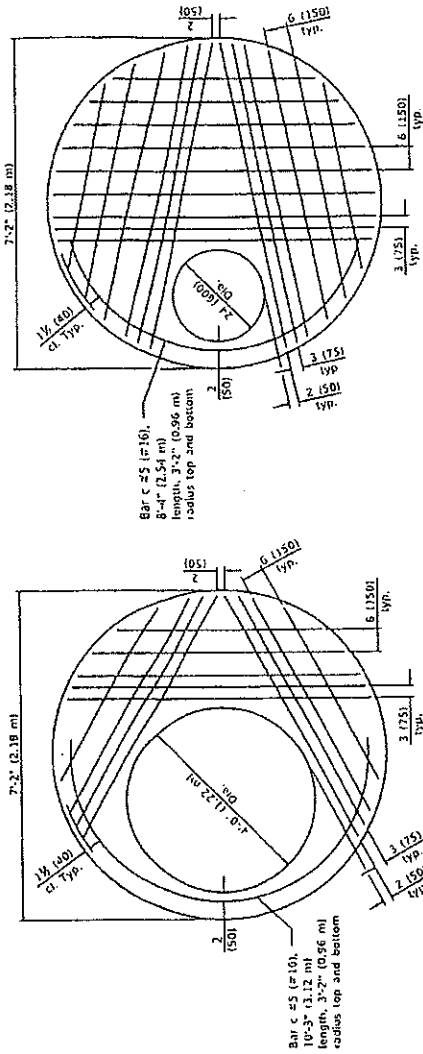
DATE 1-1-19

APPROVED BY [Signature]

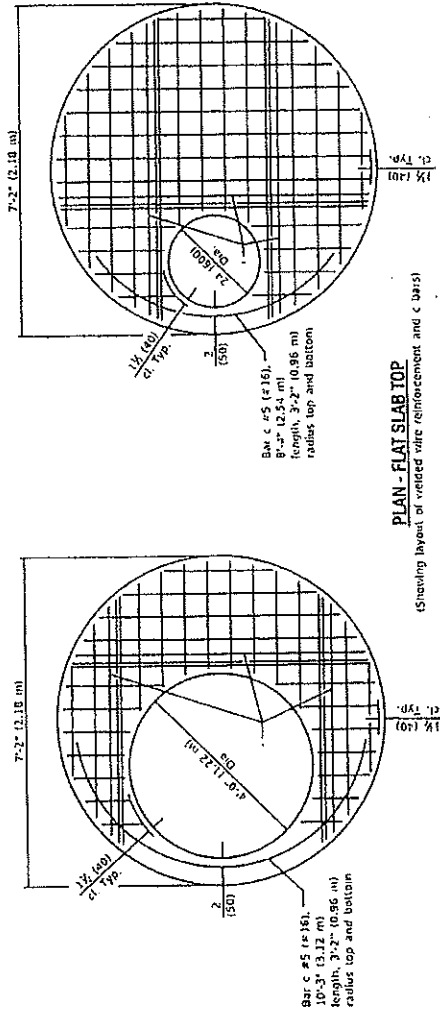
DESIGNED BY [Signature]

CHECKED BY [Signature]

ENGINEER OF RECORD AND SUPERVISOR



PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)



PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)

#5 (±10) bars for risers ≤ 10 ft. (3.05 m) tall or
#6 (±10) bars for risers > 10 ft. (3.05 m) tall bottom.
Bundle first bar with closest vertical bar to the opening
and place second bar ±3 (75) away.

PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER

(Sheet 2 of 3)

STANDARD 602406-10

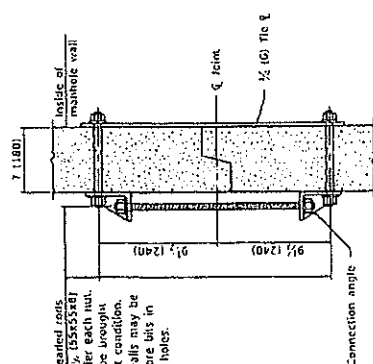
Illinois Department of Transportation		STANDARD 602406-10
DESIGNED BY	DATE	11-1-11
CHECKED BY	DATE	11-1-11
APPROVED BY	DATE	11-1-11
REGISTERED PROFESSIONAL ENGINEER		

Location	Riser height (ft/in)	Wyes (each direction)	Spacing (max/ft)	Bar (each direction)	Bar size
Top bar	all	0.11 sq. in./ft. (2.25 sq. in./ft.)	18 (450)	0.11 sq. in./ft. (2.25 sq. in./ft.)	#3 or #4 (#101-#119)
Bottom bar	RH ≤ 10 ft. (3.05 m) RH > 10 ft. (3.05 m)	0.62 sq. in./ft. (12.5 sq. in./ft.) 1163 sq. in./ft. (1163 sq. in./ft.)	6 (150) 6 (150)	See also wye for bar orientation and spacing and this table for bar size	#5 (#16) #6 (#19)

... Only one layer of VFA permitted to avoid congestion.

Location	Orientation	VVA or Total Spreading (mm.)	
		A_2 (mm.)	A_1 (mm.)
4 ft. (1.22 m) @ Riser	Circumferential	0.12 sq. in./ft. 155 sq. mm/ft.	6 (150)
	Vertical	0.045 sq. in./ft. 125 sq. mm/ft.	2 (200)
	Circumferential	0.12 sq. in./ft. 138 sq. mm/ft.	6 (1350)
6 ft. (1.83 m) @ Barrel	Circumferential	0.045 sq. in./ft. 192 sq. mm/ft.	2 (200)
	Vertical	0.045 sq. in./ft. 192 sq. mm/ft.	2 (200)

Location	Riser Height (RM) Total Height (m)	VMA or Recar (each direction) A_2 (mm)	Spacing (mm.)
Top (40)	$RH \leq 10$ ft. (3.05 m) $TH \leq 20$ ft. (6.10 m)	0.28 sq. in./ft. [933 sq. in./mm]	6 [150]
Bottom (40)	$RH > 10$ ft. (3.05 m) $TH > 20$ ft. (6.10 m)	0.40 sq. in./ft. [847 sq. in./mm]	6 [150]
	All	0.11 sq. in./ft. [233 sq. in./mm]	18 [450]



24 (010)
G. J. 24 (132405)
Slatted note, typ.
1/2 (6)
tie q
1751

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER

Sheet 3 of 31

STANDARD 602406-10

Public Department of Transportation

1954

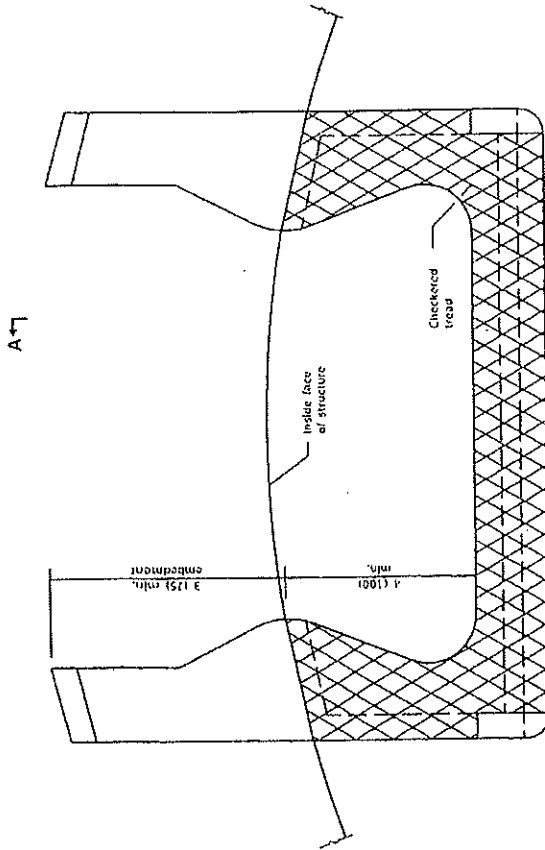
0855V4
211124

CHINA'S CITY AND RURAL POPULATION

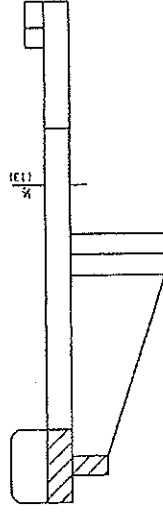
DATE _____

32/12/22

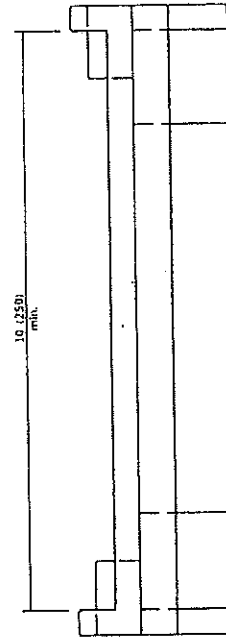
CAST IRON STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

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

DATE	REVISIONS
1-1-09	Switched units to English (metric).
4-1-06	Revised title, drawings, and added plastic steps on sheet 2.

MANHOLE STEPS

(Sheet 1 of 2)

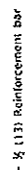
STANDARD 602701-02

Illinois Department of Transportation	
PROJECT	1001
DESIGNER	See Notes
TRUCKER OF ROAD AND HIGHWAYS	See Notes
APPROVER	See Notes
TECHNICAL REVIEW AND APPROVAL	

PLASTIC STEPS



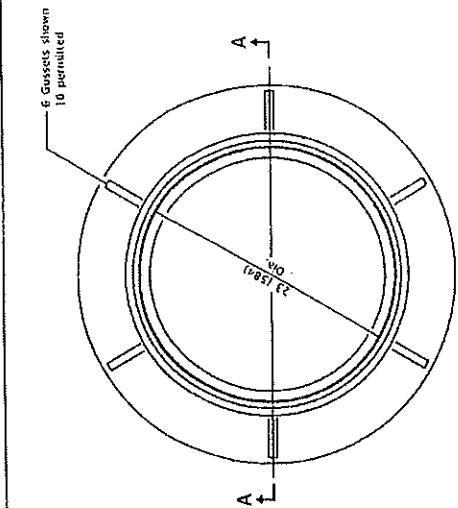
SECTION A-A



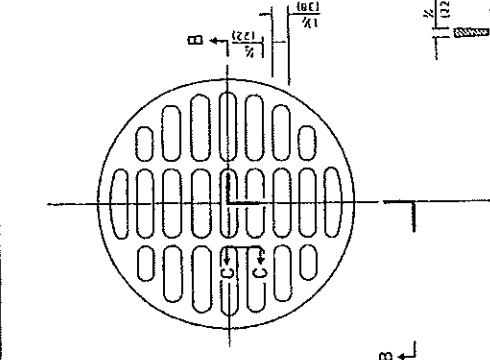
MANHOLE STEPS
[Sheet 2 of 2]
STANDARD 602701-02

STANDARD 602701-02

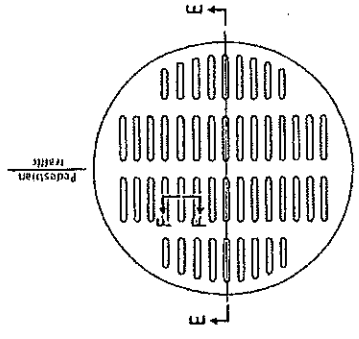
Illinois Department of Transportation



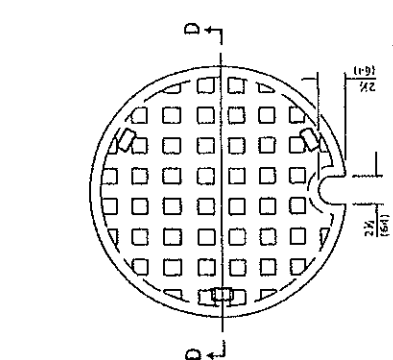
CAST FRAME



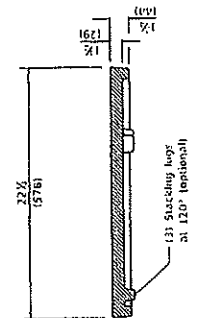
CAST OPEN LID



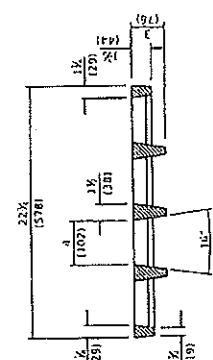
ADA COMPLIANT CAST OPEN LID



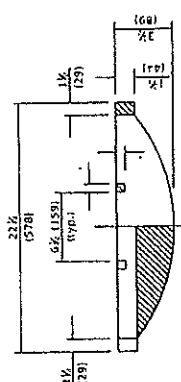
CAST CLOSED LID



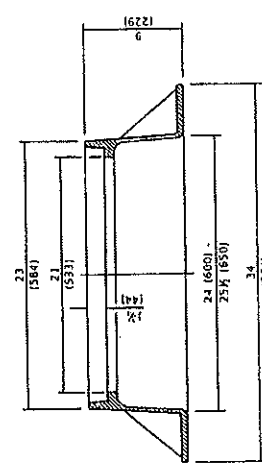
SECTION D-D



SECTION E-E



SECTION B-B

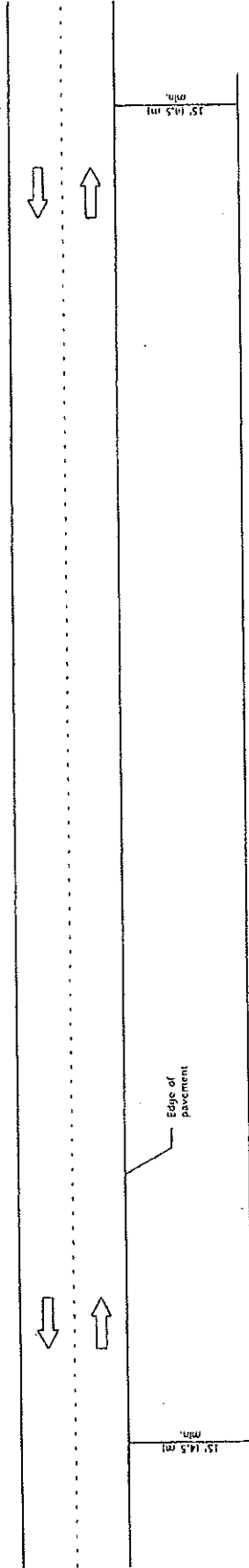


SECTION A-A

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

FRAME AND LIDS	
TYPE 1	
STANDARD 604001-05	
DATE	REVISIONS
1-1-20	Revised dimension in Section D-D of cast open lid.
1-1-15	Revised dimensioning of frame. Added ADA compliant open lid.
1-1-09	Switched units to English metric.

Illinois Department of Transportation
 PROJECT: 4110
 DRAWING: 604001-05
 SCALE: 1/4" = 1'-0"
 DATE: 1-1-20
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 ISSUED BY: [Signature]



TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Fencing contracts and maintenance
- Cleaning culverts

GENERAL NOTES

This Standard is used where at all times all vehicles, equipment, workers or their activities are more than 15' (4.5 m) from the edge of pavement.

When the work operation requires that two or more work vehicles cross the 15' (4.5 m) clear zone in any one hour, traffic control shall be according to Standard 701006.

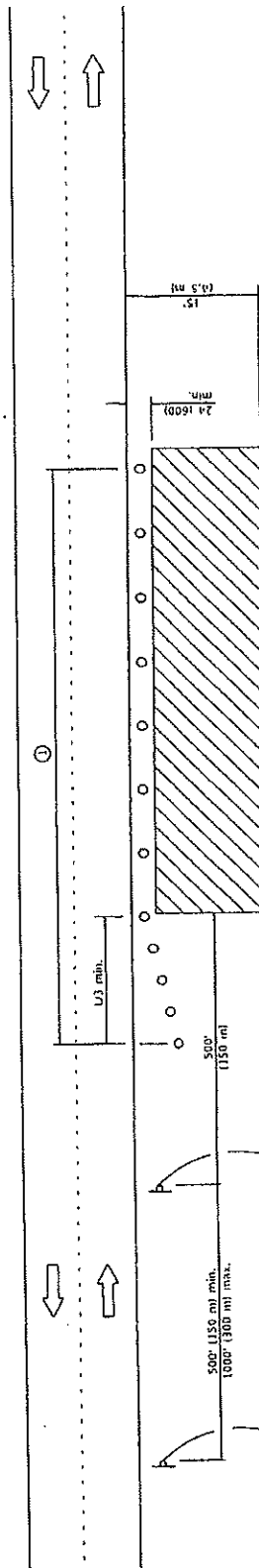
All dimensions are in feet (millimeters) unless otherwise shown.

**OFF-RD OPERATIONS,
2L, 2W, MORE THAN
15' (4.5 m) AWAY**

STANDARD 701001-02

DATE	REVISIONS
1-1-00	Switched units to English (metric).
1-1-05	Revised title and notes.

Illinois Department of Transportation DIVISION OF HIGHWAYS OFFICE OF DESIGN AND ENVIRONMENT		ISSUE 1 104 10/97
PREPARED BY DESIGNED BY CHECKED BY APPROVED BY	[Signature] [Signature] [Signature] [Signature]	[Signature] [Signature] [Signature] [Signature]



For contract construction projects

For maintenance and utility projects

W21-1101-18

W20-110101-46

W20-1101-18

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities encroach in the area 15' (4.5 m) to 24' (600 mm) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS
40 mph (70 km/h) or less:	English (Metric) $L = \frac{VS^2}{100}$ $L = \frac{VS^2}{128}$
45 mph (80 km/h) or greater:	$L = (V/15)$ $L = 0.65(V/15)$
	V = "Width of offset in feet (meters).
	S = Normal posted speed mph (km/h).

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

① When the work operation extends one hour or more, the advance warning shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Drainage installation
- Landslipping operations
- Shoulder repairs
- Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cont. drum or barricade

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05

DATE	REVISIONS
1-1-12	Revised workers sign number to agree with current MUTCD.
1-1-13	Unlinked text "WORKERS" sign.

Illinois Department of Transportation

DESIGNED BY: [Signature] DATE: 2012

CHECKED BY: [Signature] DATE: 2012

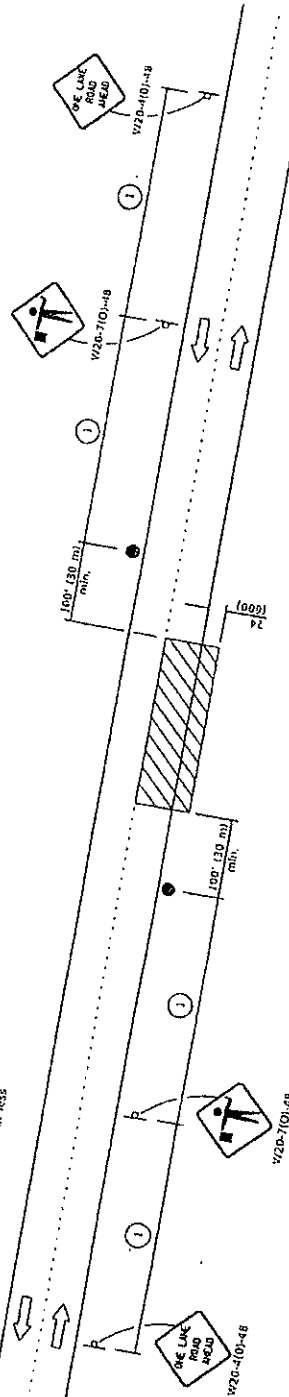
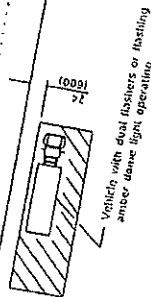
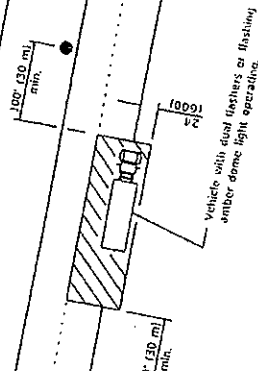
APPROVED BY: [Signature] DATE: 2012

FOR THE DIRECTOR OF TRANSPORTATION

For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period of less than 15 minutes.

For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period of less than 60 minutes.

For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period in excess of 15 minutes but less than 60 minutes.



Posted Speed	Sign Spacing
25	200' (150 m)
30-45	350' (100 m)
45	500' (150 m)
50-60	700' (200 m)

1 = Refer to SIGN SPACING table for distances.

TYPICAL APPLICATIONS

- Marking machines
- Field survey
- Utility operations
- Cleaning up debris on pavement

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

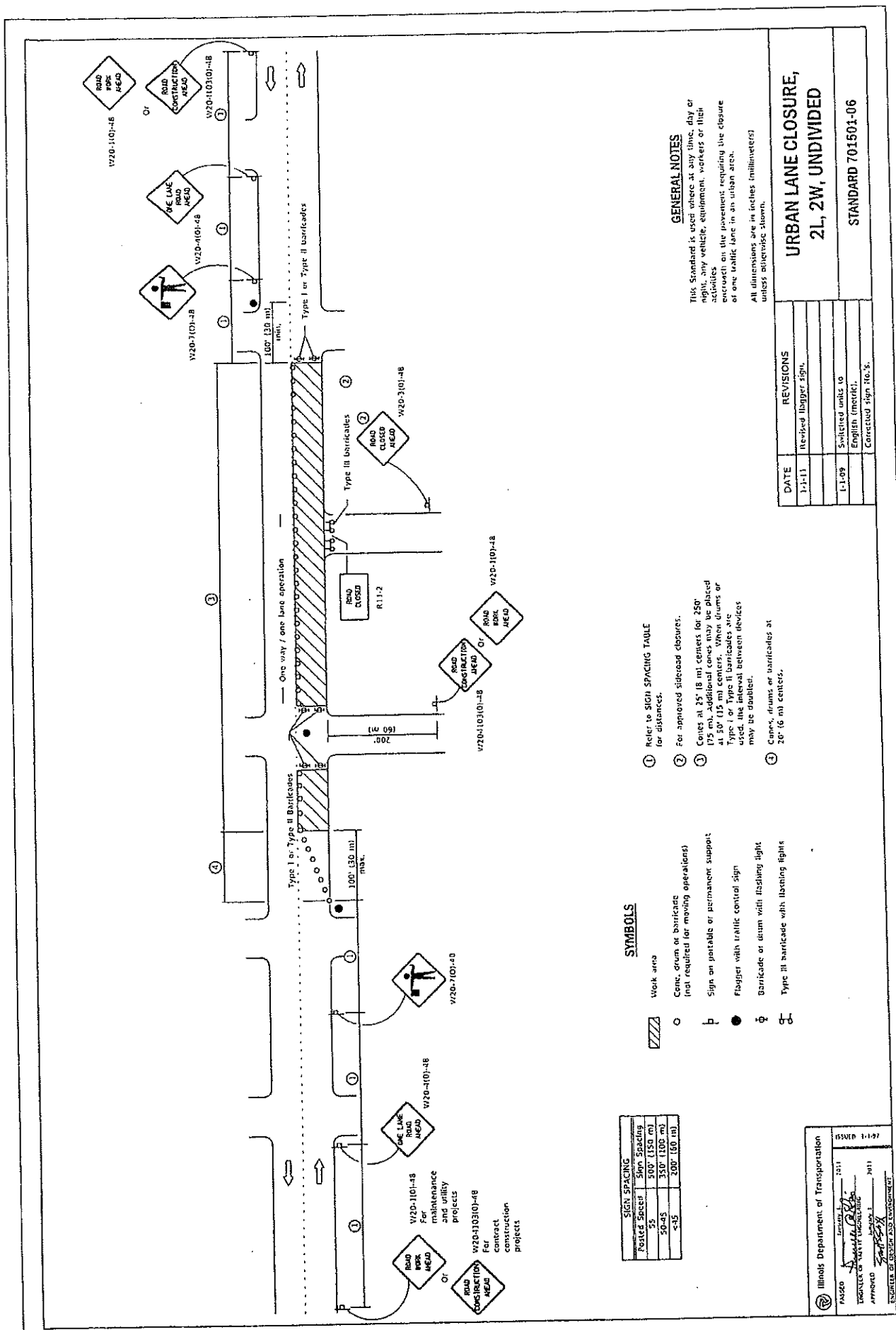
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04

Missouri Department of Transportation
 DIVISION OF HIGHWAYS
 PROJECT NO. 2011-01
 SHEET NO. 101
 DATE 1-1-11
 BY [Signature]
 CHECKED BY [Signature]
 APPROVED BY [Signature]



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities on the pavement requiring the closure or one traffic lane in an urban area.

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

REFER TO SIGN SPACING TABLE FOR DISTANCES.

- 1. For approved roadside closures.
- 2. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- 3. Cones, drums or barricades at 20' (6 m) centers.

SYMBOLS

- Work area
- Conc. drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

SIGN SPACING	
Posted Speed	Sign Spacing
55	200' (150 m)
50-45	350' (100 m)
<35	200' (60 m)

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No. 5.

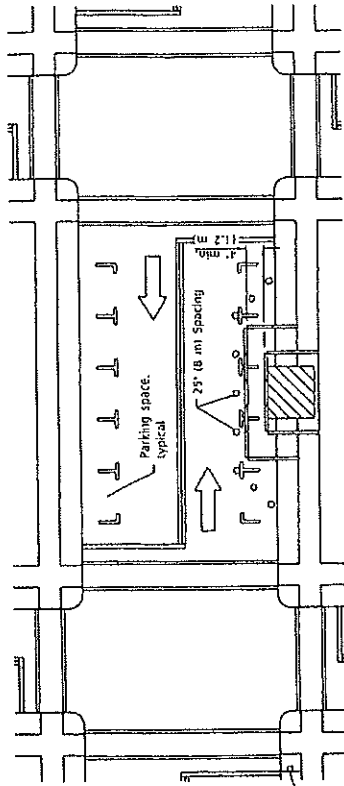
ISSUED 1-1-97

2011

APPROVED

2011

REVISIONS

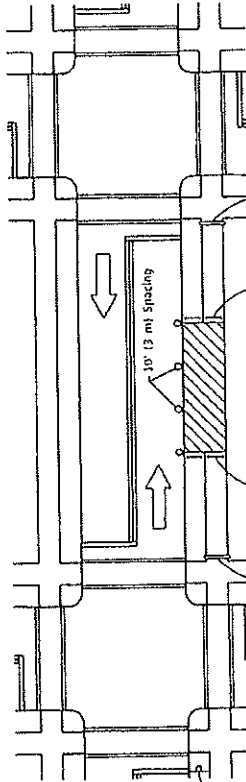


W20-103101-48 for
contract
construction
projects

Or

W20-101-48 for
maintenance
and utility
projects

SIDEWALK DIVERSION



W20-103101-48 for
contract
construction
projects

Or

W20-101-48 for
maintenance
and utility
projects

SIDEWALK CLOSURE

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detachable pedestrian channeling barricade

① Only whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crossing of the closed sidewalk to the work area. Where the closure is at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4810 signs shall be positioned as shown in ROAD CLOSED TO ALL TRAFFIC detail on Standard 701801.

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

DATE	REVISIONS
4-1-16	Omitted many safety fence from standard at this time.
3-1-12	Covered in the std. spec.
	Added SIDEWALK DIVERSION.
	Applied appearance of plan views. Replaced Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

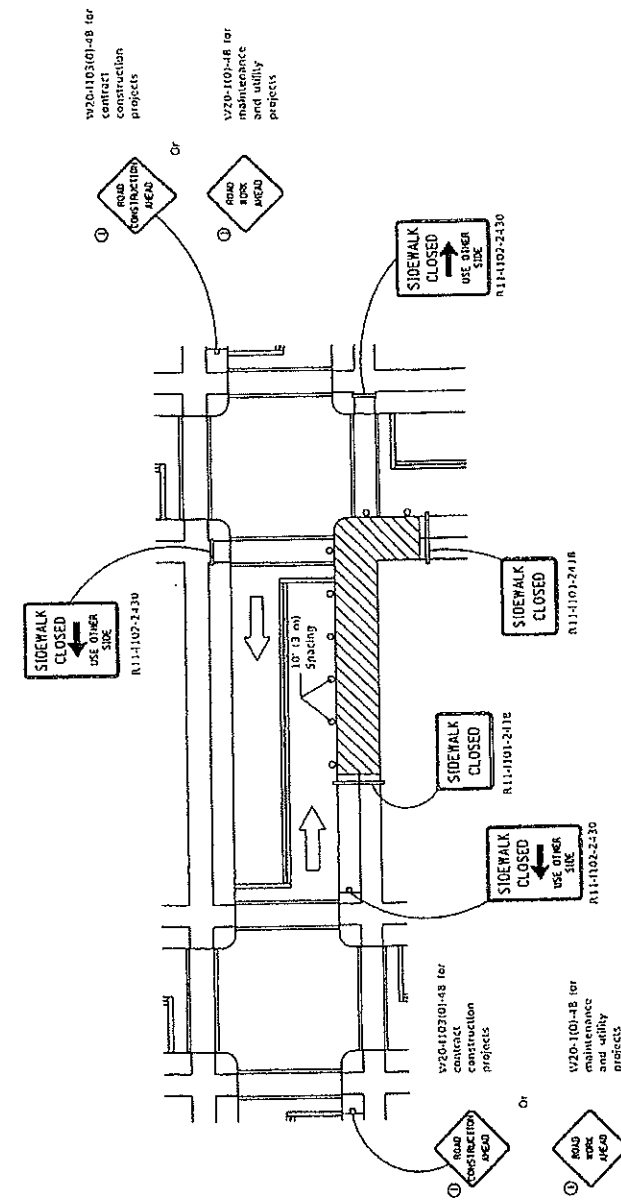
ILLINOIS Department of Transportation

DESIGNED BY: 3/14

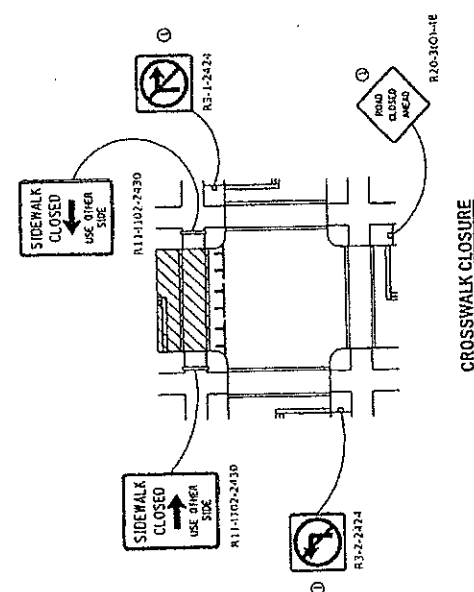
CHECKED BY: 3/16

APPROVED BY: 3/16

REVISIONS OF THIS STANDARD



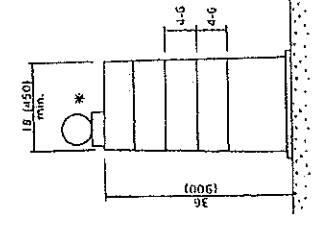
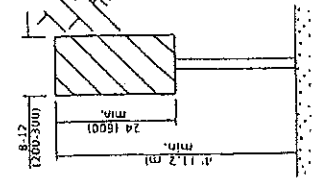
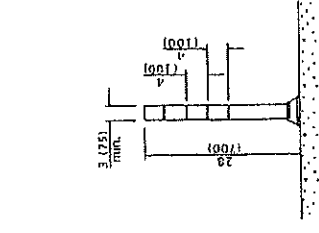
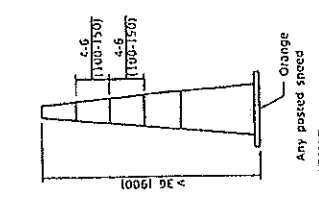
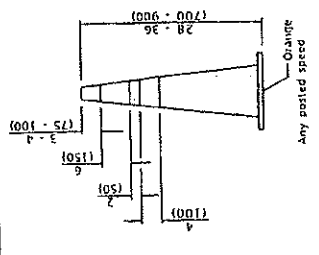
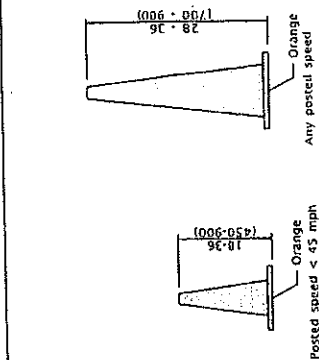
CORNER CLOSURE



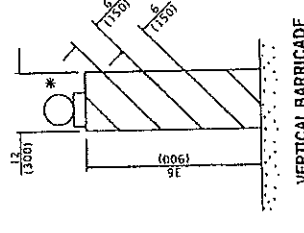
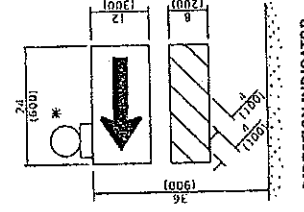
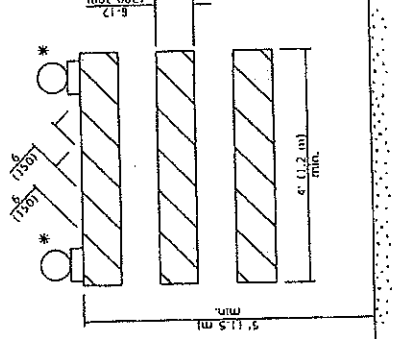
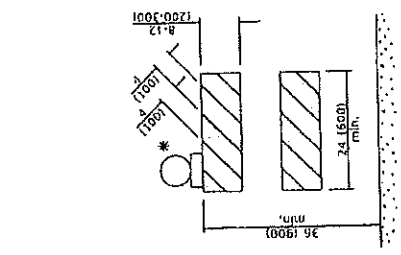
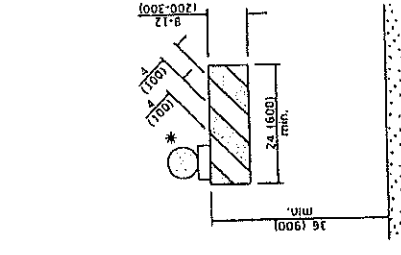
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE
(Sheet 2 of 2)
STANDARD 701801-06

Illinois Department of Transportation DIVISION OF HIGHWAY SAFETY DIVISION OF SAFETY CONSULTING APPROVED: <i>[Signature]</i> PROJECT: <i>[Signature]</i> REVISION: 1-1-97	
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CONES



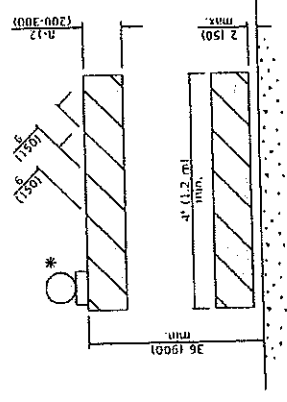
TYPE I BARRICADE

TYPE II BARRICADE

TYPE III BARRICADE

DIRECTION INDICATOR BARRICADE

VERTICAL BARRICADE



* Warning lights (if required)

GENERAL NOTES

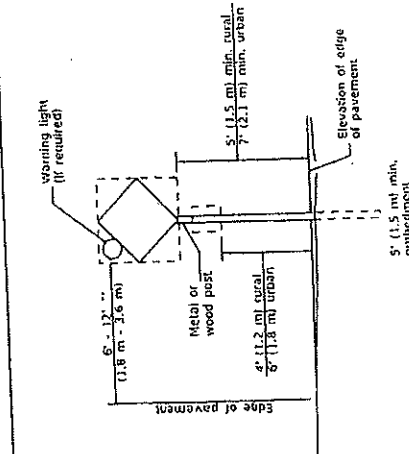
All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

TRAFFIC CONTROL DEVICES	
DATE	REVISIONS
1-1-19	Revised cone usage and added cones > 36" (900 mm) height.
1-1-16	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

Illinois Department of Transportation
 APPROVED: [Signature]
 PROJECT: [Blank]
 DRAWN BY: [Blank]
 CHECKED BY: [Blank]
 DATE: [Blank]

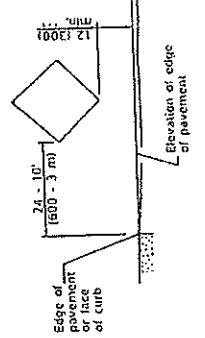
STANDARD 701901-08

(Sheet 1 of 3)



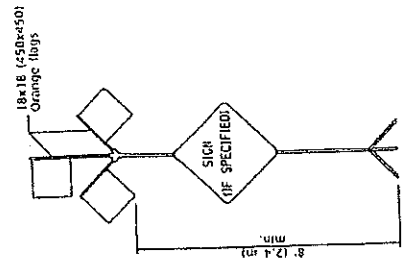
POST MOUNTED SIGNS

When curb or paved shoulder are present this dimension shall be 15.2 m (50 ft) to the face of curb or shoulder. If 15.2 m to the outside edge of the paved shoulder.

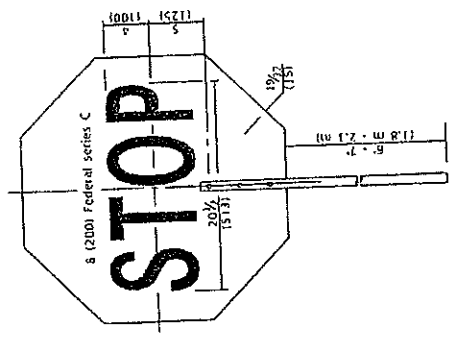


SIGNS ON TEMPORARY SUPPORTS

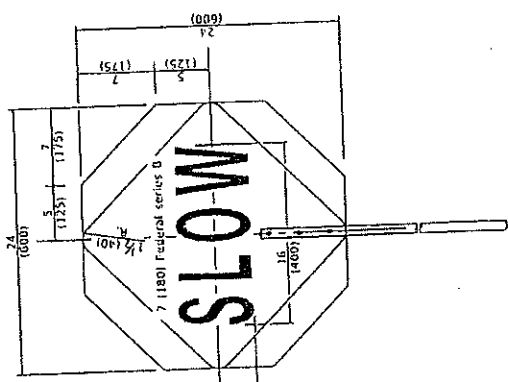
When work operations exceed 10 days, the sign dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



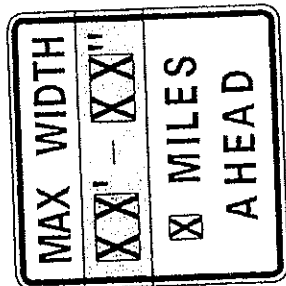
HIGH LEVEL WARNING DEVICE



FRONT SIDE



REVERSE SIDE



W12-103-3848

WIDTH RESTRICTION SIGN

XX-XX' width and X miles are variable.

ROAD CONSTRUCTION NEXT X MILES
G20-1104(01)-6036

END CONSTRUCTION
G20-1105(01)-6022

This signing is required for all projects 2 miles (3200 m) or more in length.
ROAD CONSTRUCTION NEXT X MILES sign shall be placed 300 (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

WORK ZONE	V21-1102(01)-3618
SPEED LIMIT	R2-1-3643
XX	R10-108p-3618
PHOTO ENFORCED	R2-1108p-3618
XXXX FINE MINIMUM	

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

END WORK ZONE SPEED LIMIT
G20-1103-6036

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

.... R10-1108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL DEVICES

Sheet 2 of 31

STANDARD 701901-08

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation	
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
FORWARDED BY	

City Clerk

From: alan spesard <aspesard@hotmail.com>
Sent: Friday, June 19, 2020 10:21 AM
To: Mike Dahlquist
Subject: sketch of sewer
Attachments: doc20200619102806.pdf

Mike,

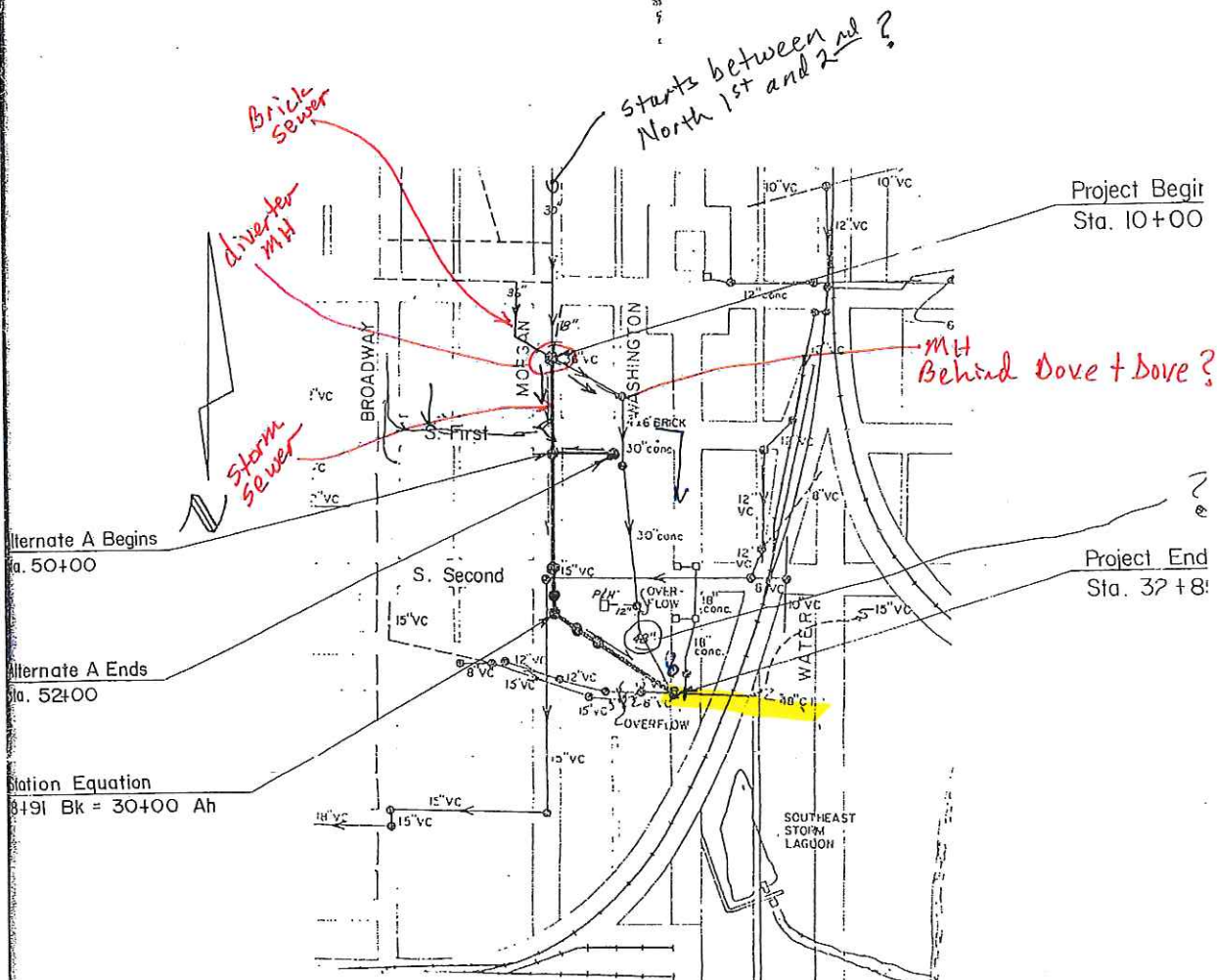
attached is sketch from the 80s that we discussed.

alan

Plans for Proposed Improvement

South Morgan Street Relief Sewer

Section 82.2-SS



Length of Project = 1176' of Relief Sewer
Length of Alternate A = 200'

SKETCH #2
1982

City Clerk

From: Mike Dahlquist <mdahlquist@mi2ops.com>
Sent: Monday, June 22, 2020 10:33 AM
To: alan spesard
Subject: RE: 1982 as built storm sewer South Morgan plans

Thank you Alan, It sure doesn't feel like 1982 was that long ago. This documentation is extremely helpful.

From: alan spesard <aspesard@hotmail.com>
Sent: Saturday, June 20, 2020 9:00 AM
To: Mike Dahlquist <mdahlquist@mi2ops.com>
Subject: 1982 as built storm sewer South Morgan plans

Mike,

per our discussion, see attached plans.
thanks
alan

City Clerk

From: Mike Dahlquist <mdahlquist@mi2ops.com>
Sent: Wednesday, April 29, 2020 3:28 PM
To: alan spesard
Subject: RE: Pre-Con Meeting Questions

Alan

I talked to David Walbright this afternoon and passed along the information you and I discussed. I asked him if he would give you a call. He told me that he would call you.

Thank you

Mike Dahlquist
Operations Specialist



MI2 Operating Systems, LLC
1001 Boardwalk Springs Place, Suite 10
O'Fallon, MO 63368
www.mi2ops.com
Phone (765) 470-1474
E-mail mdahlquist@mi2ops.com

From: alan spesard <aspesard@hotmail.com>
Sent: Wednesday, April 29, 2020 2:19 PM
To: Mayor Jeff Johnson <mayor@shelbyvilleil.net>; Water Commissioner <watercom@shelbyvilleil.net>; Mike Dahlquist <mdahlquist@mi2ops.com>
Subject: Re: Pre-Con Meeting Questions

I just talked to Mike. His questions concern the storm sewer project that we will install later this year (S. Morgan Street and S. Washington Street). His question were not about tomorrows meeting with the streetscape project.

I talked to Mike about his south Morgan/Washington street storm sewer project questions. Most of his questions I could answer. We agreed to talk more about that project at a later date.

In addition, concerning the streetscape project and water service lines -- the streetscape contractor (Kinney Contractors) will replace exposed lead water service lines and lines that need to be relocated to install the streetscape storm sewer. Mike said he will talk to Dave.

The streetscape percon meeting that is tomorrow is to coordinate the approved construction with the Contractor, IDOT, Construction Inspection and the City. If we want changes to the streetscape design than that should be discussed separately from the precon meeting.

let me know of any other concerns.

thanks

alan

From: Mayor Jeff Johnson <mayor@shelbyvilleil.net>

Sent: Wednesday, April 29, 2020 1:27 PM

To: alan spesard <aspesard@hotmail.com>

Subject: Fw: Pre-Con Meeting Questions

Alan,

See Mike's questions below. Should we have Mike Dahlquist on the call too?

Jeff

From: Water Commissioner <watercom@shelbyvilleil.net>

Sent: Wednesday, April 29, 2020 10:16 AM

To: Mayor Jeff Johnson <mayor@shelbyvilleil.net>; Street Commissioner <streetcom@shelbyvilleil.net>; City Clerk <cityclerk@shelbyvilleil.net>

Subject: Fw: Pre-Con Meeting Questions

Here are questions/concerns from Mike D. For the pre-construction meeting. David is preparing some also. I will get those to you as well.

They are both willing to participate in the meeting if you would like them too.

Thanks

Debe

From: Mike Dahlquist <mdahlquist@mi2ops.com>

Sent: Wednesday, April 29, 2020 9:26 AM

To: Water Commissioner <watercom@shelbyvilleil.net>

Subject: Pre-Con Meeting Questions

Debe

I am sorry I did not get these to you yesterday. I have some questions that relate to the storm line installation and the overall project. I know Dave has concerns about the water lines and he is addressing questions related to that issue. My questions are as follows:

1. Who will be doing the construction inspection on the project?
2. Has survey work been conducted to verify elevations?
3. Will there be as-built drawings with any adjusted elevations available after the project? It would be extremely helpful to have infrastructure identified as it is discovered and/or replaced.
4. Who will be conducting third party testing on concrete mixes to verify specification performance? (Slumps, breaks)

5. Alan Spesard contacted me to discuss a reroute of the storm sewer to connect into an existing storm line leading to the SE lagoon by P&H. Is he still considering that option and if so, has he discovered how that line is currently being utilized? Is there available carrying capacity for the additional flow he is proposing to add? Is there any danger of flooding current upstream drainage areas? There are some unknowns here, I thought we had drawings but only drawings with references. I'll be happy to work with Alan in any way possible to assist him in finding information.
6. How many catch-basins will be re-routed with the new storm line? I believe that was still an open question.
7. How much total area will be removed from the combined sewer system?

This project will have a possible positive impact on the City's Long Term Control Plan (LTCP). We will need to have documentation such as "as-builts" to show the State of Illinois that Shelbyville is making an unscheduled project completion and get credit for the work. After the project completion we will find a method of flow monitoring to conduct post construction monitoring (PCM) and receive credit for storm water removal from the combined system. As I mentioned we are available to help Alan with this project.

Debe, Please let me know if you need additional information.

Thank you

Mike Dahlquist
Operations Specialist



MI2 Operating Systems, LLC
1001 Boardwalk Springs Place, Suite 10
O'Fallon, MO 63368
www.mi2ops.com
Phone (765) 470-1474
E-mail mdahlquist@mi2ops.com