

AN ORDINANCE APPROVING A CONTRACT WITH
MERRILL'S CONTRACTORS, INC. AND WAIVING BIDS

WHEREAS, Merrill's Contractors, Inc. has entered into a contract with the Ball-Chatham School District for construction of certain improvements for the school district;

WHEREAS, the Village of Chatham desires certain improvements to College Street which are immediately contiguous to the improvements being constructed for Chatham School District;

WHEREAS, the corporate authorities have determined that if Merrill's Contractors, Inc. performs the College Street improvements in conjunction with the improvements for the school district, the College Street improvements can be quickly and expeditiously carried out;

WHEREAS, pursuant to Section 8-9-1 of the Illinois Municipal Code, a construction contract may be entered into without advertising for bids if authorized by vote of 2/3 of the trustees then holding office.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF CHATHAM, ILLINOIS, AS FOLLOWS:

SECTION 1. A contract with Merrill's Contractors, Inc. in the contract amount of \$18,464.00 for improvements to College Street in the Village of Chatham, a copy of which is attached hereto as Exhibit A, is hereby approved.

SECTION 2. The President and Clerk of the Village are hereby authorized and directed to execute and attest such contract on behalf of the Village, and the proper officers of the

Village are authorized and directed to perform the contract according to its terms.

SECTION 3. Bids are hereby waived for the College Street improvement project.

SECTION 4. This ordinance shall be effective upon its passage by affirmative vote of 2/3 of the trustees of the Village of Chatham then holding office.



CARL OBLINGER, VILLAGE PRESIDENT

ATTEST:



Village Clerk

AYES: 4

NAYS: 0

ABSENT 2

PASSED: 7/24/90

APPROVED: 7/24/90

CONTRACT DOCUMENTS
AND
SPECIFICATIONS

VILLAGE
OF
CHATHAM

COLLEGE STREET REHABILITATION PLAN

JULY 1990

PREPARED BY:

GREENE & BRADFORD, INC.
1305 WABASH AVENUE, SUITE G
SPRINGFIELD, ILLINOIS 62704

(217-793-8844)

PROJECT NO. 90-027

EXHIBIT

A

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SECTION I

CONTRACT

DOCUMENTS

SPECIAL PROVISIONS

101. Standard Specifications

This section shall be constructed in accordance with the Plans and the Standard Specifications for Road and Bridge Construction adopted July 1, 1988.

102. P.C.C. Sidewalk Removal & Replacement

This work shall consist of the removal and replacement of the P.C.C. sidewalk at the locations shown in the Plans and shall be done in accordance with the applicable portions of Section 617 and 624 of the Standard Specifications for Road and Bridge Construction.

The P.C.C. Sidewalk Removal & Replacement will be measured for payment in square feet of surface.

The work will be paid for at the contract unit price per SQUARE FOOT for P.C.C. SIDEWALK REMOVAL & REPLACEMENT.

PROPOSAL

=====

TO THE OWNER, The Village of Chatham

1. Proposal of Merrill's Contractors, Inc.,
 1900 Truman Road
 Springfield, Illinois 62703

for the WORK, designated in Paragraph 2 below, for the construction of:

storm sewers, earth excavation, gutters, sidewalk, bituminous base and surface course and other incidental work.

2. The Plans for the proposed WORK are those prepared by:

 Greene & Bradford, Inc.
 1305 Wabash Avenue, Suite G
 Springfield, Illinois 62704
 (217-793-8844)

which Plans are designated as:

 Village of Chatham - College Street Rehabilitation Plan

and which cover the WORK described in Paragraph 1 above.

The specifications herein referred to are the "Standard Specifications for Road and Bridge Construction" Adopted July 1, 1988 by the Illinois Department of Transportation and the "Supplemental Specifications and Recurring Special Provisions" Adopted July 1, 1988 by the Illinois Department of Transportation.

3. In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein, and that the proposal is made without collusion with any other person, firm or corporation.

4. The undersigned further declares that he has carefully examined the Proposal, Plans, Specifications, form of CONTRACT and Contract Bond, and the Special Provisions (if any), and that he has inspected in detail the site of the proposed WORK, and that he has familiarized himself with all of the local conditions affecting the CONTRACT and the detailed requirements of construction, and understands that in making this Proposal he waives all right to plead any misunderstanding regarding the same.

5. The undersigned further understands and agrees that if this Proposal is accepted he is to furnish and provide all necessary machinery, tools apparatus, and other means of construction, and to do all of the WORK, and to furnish all of the materials specified in the CONTRACT, except such materials as are to be furnished by the OWNER, in the manner and at the time herein prescribed, and in accordance with the requirements therein set forth.

6. The undersigned declares that he understands that the quantities mentioned are approximate only and that they are subject to increase or decrease; that he will take in full payment therefore the amount and the summation of the actual quantities as finally determined, multiplied by the unit prices shown in the Schedule of Prices contained herein.

7. The undersigned further agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum, and for use in computing the values of extras and deductions; that if there is a discrepancy between the gross sum bid and that resulting from the summation of the quantities multiplied by their respective unit prices the latter shall apply.

8. The undersigned further agrees that if the OWNER declares to extend or shorten the WORK, or otherwise alter it by extras or deductions, including the elimination of any one or more of the items, as provided in the specifications, he will perform the WORK as altered, increased or decreased, at the CONTRACT unit prices.

9. The undersigned further agrees that the ENGINEER may at any time during the progress of the WORK covered by this CONTRACT order other work or materials incidental thereto and that all such work and materials as do not appear in the proposal or CONTRACT as a specific item accompanied by a unit price, and which are not included under the bid price for other items in this CONTRACT, shall be performed as extra work, per Article 101.15 of the specifications, and compensation shall be paid in accordance with Article 109.04 of the specifications.

10. The undersigned further agrees to execute a CONTRACT for this WORK and present the same to the OWNER within ten (10) days after receipt of the Notice of Award of the CONTRACT by him.

11. The undersigned further agrees that he and his surety will execute and present within ten (10) days after the receipt of the Notice of Award, a Contract Bond satisfactory to and in the form prescribed by the OWNER, in the penal sum of the full amount of the CONTRACT, guaranteeing the faithful performance of the WORK in accordance with the terms of the Contract.

12. The undersigned further agrees to begin WORK not later than the date specified in the Notice to Proceed, and to prosecute the WORK in such manner and with sufficient materials, equipment, and labor as will insure its completion within the Contract Time specified herein, it being understood and agreed that the completion within the Contract Time is an essential part of the contract. The undersigned agrees to complete the WORK within fifteen (15) calendar days after the date specified in the Notice to Proceed, unless additional time shall be granted by the ENGINEER in accordance with the provisions of the Specifications. In case of failure to complete the WORK within the time named herein, or within such extra time as may have been allowed by extensions, the undersigned agrees that the OWNER, shall withhold, from such sums as may be due him under the terms of this CONTRACT, the costs set forth in the Specifications, which costs shall be considered and treated not as a penalty but as damages due the OWNER from the undersigned by reason of inconvenience to the OWNER, added cost of engineering and supervision, maintenance of detours, and other items which have caused an expenditure of the OWNER's funds resulting from the failure of the undersigned to complete the WORK within the Contract Time.

13. Accompanying this Proposal is a Proposal Guaranty complying with the requirements of the specifications, made payable to:

A PROPOSAL GUARANTY IS NOT REQUIRED FOR THIS PROPOSAL

The amount of the Proposal Guaranty is:

A PROPOSAL GUARANTY IS NOT REQUIRED FOR THIS PROPOSAL

(\$ _____)
If this proposal is accepted and the undersigned shall fail to execute a CONTRACT and Contract Bond as required herein, it is hereby agreed that the amount of the Proposal Guaranty substituted in lieu thereof, shall become the property of the OWNER, and shall be considered as payment of damages due to delay and other causes suffered by the OWNER because of the failure to execute said CONTRACT and Contract Bond; otherwise said Proposal Guaranty shall be returned to the undersigned.

ATTACH PROPOSAL GUARANTY HERE

14. The undersigned submits herewith his Schedule of Prices covering the work to be performed under this CONTRACT; he understands that he must show in the schedule the unit prices for which he proposes to perform each item of work, that the extensions must be made by him, and that if not so done his proposal may be rejected as irregular.

SCHEDULE OF PRICES

College Street Rehabilitation Plan

Item No.	Description	Estimated Quantity	Unit Price (Dollars & Cents)	Total (Dollars & Cents)
Alternate A				
1.	EARTH EXCAVATION	254 C.Y.	\$_____11.64	\$_____2956.56
2.	BIT. CONC. BASE COURSE (5")	456 S.Y.	\$_____8.93	\$_____4072.08
3.	BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE C, CLASS I, TYPE 2 (2")	53 TONS	\$_____39.76	\$_____2107.28
4.	P.C.C. SIDEWALK (4")	640 S.F.	\$_____2.25	\$_____1440.00
5.	P.C.C. SIDEWALK REMOVAL & REPLACEMENT	52 S.F.	\$_____3.13	\$_____162.76
6.	COMBINATION CURB & GUTTER B-6.24	278 L.F.	\$_____11.48	\$_____3191.44
7.	INLET, TYPE A	1 EACH	\$_____201.19	\$_____201.19
8.	FRAME & CLOSED LID, TYPE 1	1 EACH	\$_____251.51	\$_____251.51
9.	FRAME & GRATE, TYPE 3	2 EACH	\$_____342.44	\$_____684.88
10.	12" R.C.C.P. STORM SEWER	54 L.F.	\$_____22.30	\$_____1204.20
11.	12" P.R.C. FLARED END SECTION	1 EACH	\$_____245.50	\$_____245.50
12.	INLET SPECIAL, 5' DIA.	1 EACH	\$_____1137.50	\$_____1137.50
13.	TREE REMOVAL (6 TO 15 IN. DIA.)	24 I.D.	\$_____18.40	\$_____441.60
14.	AGGREGATE SURFACE COURSE, TYPE B	21 TONS	\$_____367.50	\$_____367.50

Bidders Proposal* for making Entire Improvements:

TOTAL \$_____18464.00

*Contract Price or Amount after Contract is Executed.

This Proposal is based on Addenda No(s). _____

(If an Individual) Signature of Bidder _____ (S E A L)

Business Address:

=====

(If a Partnership) Firm Name _____ (S E A L)

Signed by _____

Business Address:

(Insert names and addresses of all partners of the firm)

=====

(If a Corporation) Corporate Name _____

Signed By _____

President

Business Address:

(S E A L)

Attest: _____

Secretary

=====

CONTRACT BOND

=====

KNOWN ALL MEN BY THESE PRESENTS, That we _____
_____ a co-partnership or corporation, of _____
_____ as Principal, and _____
_____ a corporation organized
and existing under the laws of the State of _____ with
authority to do business in the State of Illinois as surety, are
held and firmly bound unto the _____

Owner's Name and Address

State of Illinois, in the penal sum of _____
Dollars (\$ _____), lawful money of the United
States, well and truly to be paid unto said _____
_____, for the payment of which we bind
ourselves, our heirs, executors, administrators, successors,
and assigns, jointly, severally, and firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATIONS IS SUCH that
whereas, the said Principal has entered into a written contract
with the Owner which is _____ and
act through _____ for the
construction if the work designated as _____

which contract is hereby referred to and made a part hereof, as
if written herein at length, and whereby the said Principal has
promised and agreed to perform said work in accordance with the
terms of said contract, and has promised to pay all sums of money
due for any labor, materials, apparatus, fixtures or machinery
furnished to such Principal for the purpose of performing such
work and has further agreed to pay all direct and indirect
damages to any person, firm, company, or corporation suffered or
sustained on account of the performance of such work during the
time thereof and until such work is completed and accepted; and
has further agreed that this bond shall insure to the benefit of
any person, firm, company or corporation, to whom any money may

CONTRACT BOND

be due from the Principal, subcontractor or otherwise, for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company, or corporation, for the recovery of any such money.

CONTRACT BOND

NOW THEREFORE, if the said Principal shall well and truly perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the aforesaid owner and its or his agents, harmless on account of any such damages, and shall in all respects fully and faithfully comply with all the provisions, conditions, and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.

Approved this _____ day of _____, A.D., 19__

(Governing Board of Owner)

IN WITNESS WHEREOF We have
duly executed the foregoing
Obligation this ____ day of _____
A.D., 19__.

By _____
Title

(Seal)
(Seal)
(Seal)

Attest:

For _____
(Owner's Name)

Partners doing business under
the firm name of _____

By _____
(Clerk or Notary Public)

(Seal)

MUNICIPAL OR CORPORATIC SEAL

Surety _____ (Seal)

By _____ (Seal)
Attorney in Fact.

State of _____

County of _____

ss.

BY _____ (Seal)
Attorney in Fact.

I, _____, Notary Public in and for
said County, in the State aforesaid, do hereby certify that _____
_____, who are each

CONTRACT BOND

=====

personally known to me to be copartners in the partnership firm
doing business under the name and style of _____
_____, and also personally known to me to
be the same persons who signed the above and foregoing instrument
as the Principal therein, appeared before me this day in person
and acknowledged that they, as such partners in said firm, signed
for the said co-partnership, the above and foregoing instruments
as and for the free and voluntary act of the said co-partnership
firm for the uses and purposes therein set forth.

Given under my hand and notarial seal, this _____
day of _____ A.D. 19____.

Notary Public

CONTRACT BOND

State of _____

ss.

County of _____

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

_____ who is personally known to me to be the same person who signed the above and foregoing instrument as the Attorney in Fact for _____ thereto, as his Principal, and his own name as Attorney in Fact, as the free and voluntary act of his said Principal for the uses and purposes therein set forth, and that he executed the said instrument under authority given him by his said Principal.

Given under my hand and notarial seal, this _____ day of _____ A.D. 19____.

Notary Public

CONTRACT

=====

1. THIS AGREEMENT, made and concluded this _____ day of _____, 19____, between the VILLAGE OF CHATHAM acting by and through the VILLAGE BOARD known as the party of the first part, and

MERRIL'S CONTRACTORS INC.

his/their executors, administrators, successors or assigns, known as the party of the second part.

2. WITNESSETH: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the WORK, furnish all materials and all labor necessary to complete the WORK in accordance with the Plans and Specifications hereinafter described and in full compliance with all of the plans of this agreement and the requirements of the ENGINEER under it.

3. And it is also understood and agreed that the Special Provisions, Proposal and Contract Bond hereto attached, and the Plans for

Village of Chatham - College Street Rehabilitation Plan

are all essential documents of this CONTRACT and are a part hereof.

NOTICE OF AWARD

=====

To: Merrill's Contractors, Inc.

1900 East Truman Road

Springfield, IL 62703

Project Description: College Street Rehabilitation Plan

The OWNER has considered the Proposal/Bid submitted by you for the above described WORK in response to its Notice to Bidders dated N/A, 19 .

You are hereby notified that your Proposal/Bid has been accepted for items ~~in the amount of \$XXXXXXXXXXXXXXXXXXXX~~ at the Proposal Unit Prices.

You are required by ~~the Notice to Bidders~~ to execute the CONTRACT and furnish the required CONTRACTOR'S Contract Bond and Certificates of Insurance within ten (10) calendar days from the date of this Notice to you.

~~If you fail to execute said CONTRACT and to furnish said Bond within ten (10) days from the date of this Notice, said OWNER will be entitled to consider all your rights arising out of the OWNER'S acceptance of your Proposal/Bid as abandoned and as a forfeiture of your Proposal Guaranty. The OWNER will be entitled to such other rights as may be granted by law.~~

You are required to return an acknowledged copy of this Notice of Award to the OWNER.

Dated this 30th day of July, 1990.

Village of Chatham
OWNER

By: _____

Title: President

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged by: _____

this the _____ day of _____, 19 .

By: _____

Title: _____

NOTICE TO PROCEED

=====

To: Merrill's Contractors, Inc. Date: July 30, 1990
1990 E. Truman Road Project: College Street
Springfield, IL 62703 Rehabilitation Plan

You are hereby notified to commence WORK by
August 6, 1990, in accordance with the CONTRACT
dated _____, 1990, and you are to complete
the WORK within 28 consecutive calendar days
thereafter. The date of completion of all work is therefore
September 3, 1990.

Village of Chatham
OWNER
By: _____
Title: President

ACCEPTANCE OF NOTICE

Receipt of the above Notice to Proceed
is hereby acknowledged by:

this _____ day of _____
19____.
By: _____
Title: _____

CHANGE ORDER

Order No.: _____

Date: _____

Agreement Date: _____

NAME OF PROJECT:

OWNER:

CONTRACTOR:

ENGINEER:

The following changes are hereby made to the CONTRACT documents

Description:

Attachments:

Change to CONTRACT price: \$ _____

Current CONTRACT Price
Adjusted by previous Change Order No. ____: \$ _____

Increase / Decrease in CONTRACT price
due to this Change Order: \$ _____

The new CONTRACT price
Including this Change Order: \$ _____

Change to Contract Time: _____

Current Contract Time: _____ calendar days (or date)

The Contract time will be increased / decreased by
_____ calendar days.

Contract Time due to this Change Order will be: _____

Approvals Required:

CONTRACTOR

OWNER

ENGINEER

SECTION II

GENERAL

CONDITIONS

GENERAL CONDITIONS

=====
201. General

All general Conditions shall comply with all applicable portions of Section 100 - General Requirements and Covenants as described in the Standard Specifications for Road and Bridge Construction, adopted July 1, 1988 by the Illinois Department of Transportation.

SECTION III

SPECIAL

CONDITIONS

SPECIAL CONDITIONS

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301. Time for Completion

The WORK which the CONTRACTOR is required to perform under this CONTRACT shall be commenced at the time stipulated by the OWNER in the Notice to Proceed to the CONTRACTOR and shall be fully completed as stipulated in the Notice to Proceed.

302. Standard Details

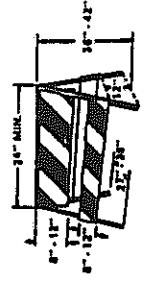
The following Standard Details adopted by the Illinois Department of Transportation shall be applicable to this CONTRACT:

Standard Detail No. 2299-10
2300-3
2356-1

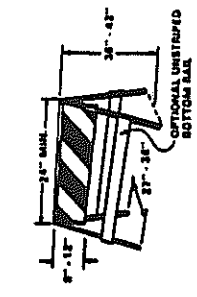
GENERAL NOTES

- 1 Type I barricades are intended for use on lower speed roads and shall not be used on roads with posted speed limits in excess of 40 miles per hour. The reflective area of the upper rail is 20 in. x 24 in. x 24 in.
- 2 Type I and Type II barricades shall not be fabricated with an individual slatting at barricades.
- 3 Type III barricades are intended for road and lane closures and shall not be used for applications as described.
- 4 All heights shown shall be measured above the pavement surface.
- 5 The reflective sheeting used for barricades, drums, and vertical panels shall meet the requirements of Article 718.17 and 718.18 of the Standard Specifications for Road and Bridge Construction.
- 6 All barricades and vertical panels shall have alternating reflective white and reflective orange slats placed at 45° toward the side on which the slats are to be viewed. The slats shall be 4 inches wide and 24 inches in length. Type I and Type II barricades shall be slatted on both sides. Type III barricades shall be slatted on both sides where traffic approaches from both sides. Vertical panels placed on the outside of curves shall be slatted on both sides.
- 7 Drums shall be rectangular and have alternating reflective orange and reflective white horizontal, circumferential slats 4 inches in 8 inches in width. There shall be at least one orange and at least two white slats on each drum. A reflective sheet is to be placed on the orange and white slats. They shall be placed on the drums in such a manner that the drums will be visible from all angles of view. Drums may be slightly conical in shape and may have one or more flat surfaces to stabilize drums when hit.
- 8 Frames for Type I and Type II barricades shall be designed so as to provide a stable support and shall be constructed of light weight steel or aluminum pipe or tubing, wood, plastic, or rubber and have no rigid legs leading to a vertical support. The frame shall be constructed of material having a yield strength of at least 30,000 psi. The frame shall be constructed of material having a yield strength of at least 30,000 psi. The frame shall be constructed of material having a yield strength of at least 30,000 psi. The frame shall be constructed of material having a yield strength of at least 30,000 psi.
- 9 Barricades shall be no heavier than 1 inch thick lumber or plywood except for the upper rail. Type I barricades shall be constructed of material having a yield strength of at least 30,000 psi. Type II barricades shall be constructed of material having a yield strength of at least 30,000 psi. Type III barricades shall be constructed of material having a yield strength of at least 30,000 psi. The frame shall be constructed of material having a yield strength of at least 30,000 psi.
- 10 The name of agency, contractor, or supplier shall not be shown on the face part of any barricade, vertical panel, drum, or cone. Identification markings may be placed only on the back side of the barricade(s).
- 11 When used, warning lights on barricades, drums, or vertical panels shall be spaced at intervals of 100 feet and shall be visible from all angles of view. Warning lights shall be spaced at intervals of 100 feet and shall be visible from all angles of view.
- 12 The height of concrete, steel, or brick walls and all weights attached to the barricades shall be at least 18 inches above the ground. The weights shall be attached to the top of the barricades at close to the ground as possible. The weights shall be attached to the top of the barricades at close to the ground as possible. The weights shall be attached to the top of the barricades at close to the ground as possible.
- 13 Cones shall be constructed of durable material able to withstand abuse by vehicles in traffic. Minimum weight shall be 4 pounds for 18 inch, 7 pounds for 24 inch, and 10 pounds for 30 inch. Cones shall be constructed of durable material able to withstand abuse by vehicles in traffic. Minimum weight shall be 4 pounds for 18 inch, 7 pounds for 24 inch, and 10 pounds for 30 inch.

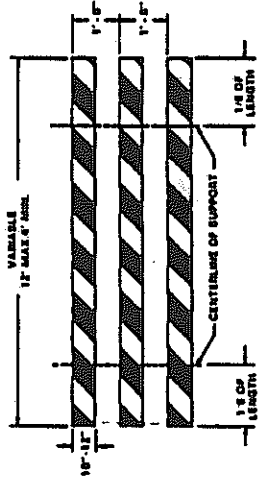
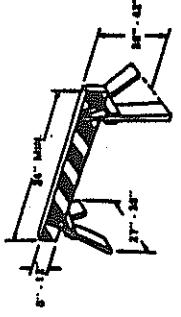
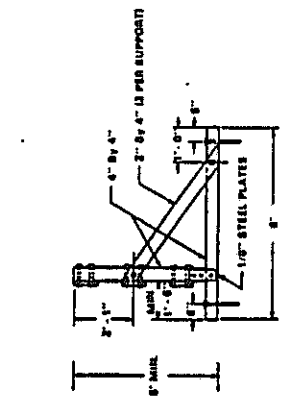
TYPE II BARRICADES



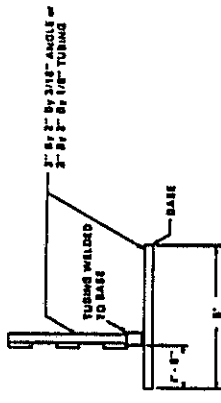
TYPE I BARRICADES



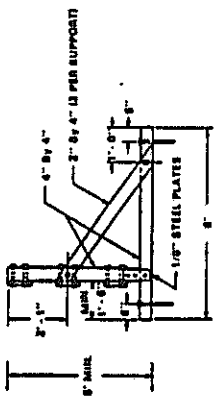
TYPE III BARRICADES



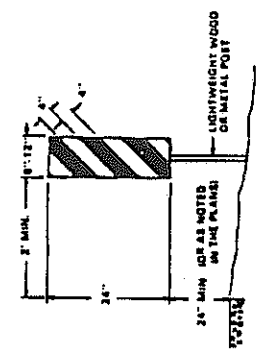
TYPICAL STEEL SUPPORT



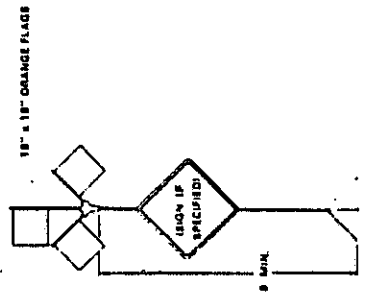
TYPICAL WOOD SUPPORT



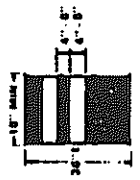
VERTICAL PANELS



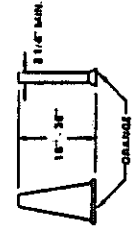
HIGH LEVEL WARNING DEVICE

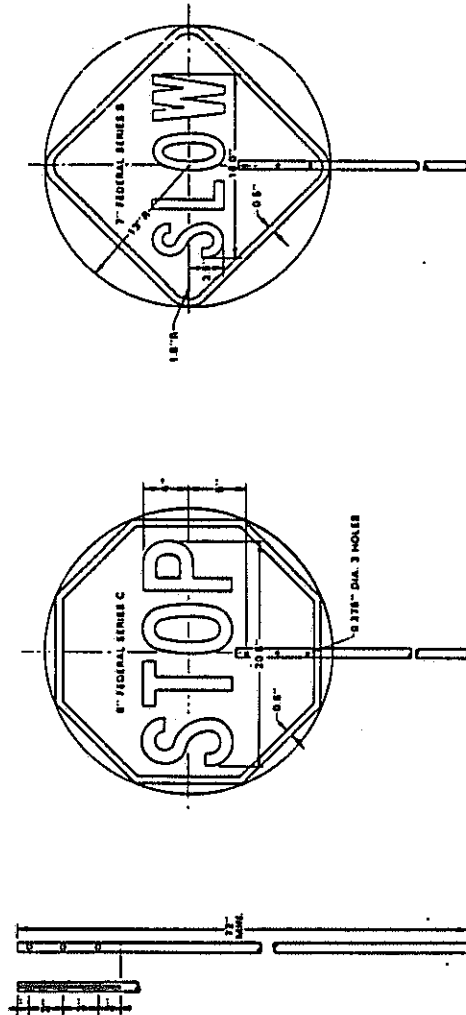


DRUMS



CONES





REVERSE SIDE


FRONT SIDE

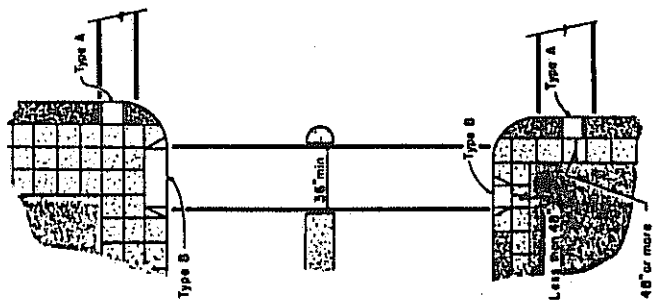
STAFF

GENERAL NOTES

1. The "STOP" face shall consist of white letters and border on a reflectorized background.
2. The "SLOW" face shall consist of black letters and border on an orange reflectorized background.
3. Areas outside sign borders shall be light blue or black.
4. The sign blank may be octagonal in shape in lieu of circular.
5. The portion of the staff within the sign face shall match the sign color.
6. All colors and letters shall meet applicable federal standards.
7. The staff shall consist of two sections joined by a coupling nut spaced 60 in. from the bottom of the staff. Alternative designs may be used when approved by the Engineer. All materials shall be substantial and durable.
8. This sign shall be furnished by the contractor and shall be used by the flagger in lieu of flag or other signaling devices. The cost of furnishing and maintaining the sign shall be considered incidental to the contract and no additional compensation will be allowed.

FLAGGER TRAFFIC CONTROL SIGN
STANDARD 2300-3

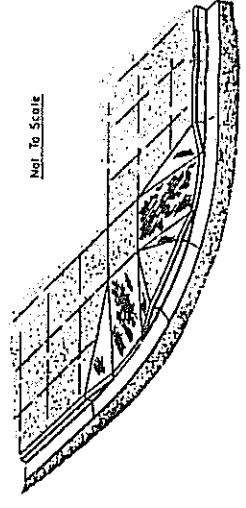

 State Department of Transportation
 Approved: *[Signature]*
 October 21, 1982
 Engineer in Charge



RECOMMENDED LOCATION OF RAMPS

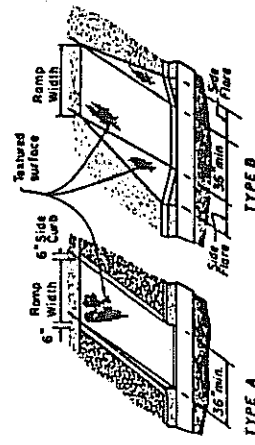


TYPE A RAMPS

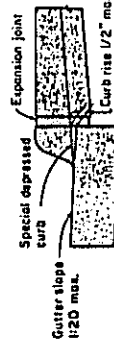


TYPE B RAMPS

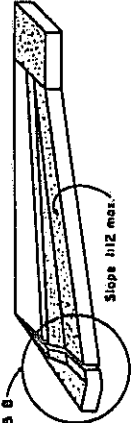
Not To Scale



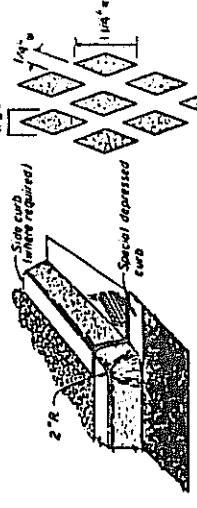
DETAILS OF RAMPS
(Not To Scale)



DETAIL A



RAMP PROFILE



DETAIL B

RAMP TEXTURE DETAIL
(* Nominal dimensions)

GENERAL NOTES

Ramps shall be located as shown on plans in alignment with normal sidewalk and/or crosswalk and shall have sufficient curb length at corner radius to prevent vehicular encroachment.

Curb ramps at marked crossings shall be wholly contained within the markings.

The maximum slope of the right flut for Type B ramps shall be 1:10, however, if the width of the landing area before the top of the ramp and an obstruction is less than 48" then the maximum slope shall be 1:12.

Ramps shall be constructed of P.C. Concrete in accordance with Article 624 of the Standard Specifications except a textured finish will be required.

Thickness of ramps will be the same as the adjacent sidewalk with a minimum of 4 inches. Ramps shall include all required separation joints, featuring and variable height edge treatment.

Ramp landing is to be done with an expanded metal grate placed and supported from wet concrete to leave a diamond pattern as shown. The long sag of the diamond pattern shall be perpendicular to the curb. Grooves shall be 1/8" deep and 1/4" wide.

SIDEWALK RAMPS FOR THE HANDICAPPED

STANDARD 2356-1

(Final Size) 3-11-83

City of Chicago Department of Transportation

PROJECT: 2356-1

DESIGNED BY: [Signature]

APPROVED BY: [Signature]

DATE: 3-11-83

SECTION IV

TECHNICAL

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

401. Standard Specifications

All work to be performed and all material to be supplied for this project shall be in accordance to the applicable sections within the following specifications:

- A) Standard Specifications for Road and Bridge Construction, adopted July 1, 1988 by the Illinois Department of Transportation.
- B) Supplemental Specifications and Recurring Special Provisions, adopted July 1, 1988 by the Illinois Department of Transportation.