

DISTRICT: All

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda

Resolution or Ordinance (Blue) \_\_\_\_\_ Waiver of First Requested  
Recommendations of Boards, Commissions & Committees (Green)  
Other Business (Pink) \_\_\_\_\_

X

**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** William T. Lichter, Village Manager

**DATE:** April 8, 2008 (COW) (B of T) Date: April 17, 2008

**TITLE:** IDOT Project Bid Document Submittal

**SUBMITTED BY:** David A. Dratmol, P.E., Village Engineer *DM*

**BACKGROUND/POLICY IMPLICATIONS:**

See attached memo.

**FISCAL IMPACT/FUNDING SOURCE:**

None

Review (as necessary):

Village Attorney X \_\_\_\_\_  
Finance Director X *[Signature]*  
Village Manager X *[Signature]*  
Date 4/10/08  
Date 4/10/08

NOTE:

All materials must be submitted to and approved by the Village  
Manager's Office by 12:00 noon, Wednesday, prior to the Agenda  
Distribution.



Interoffice Memo

**To:** William T. Lichter, Village Manager  
**From:** David A. Dratnol, P.E., Village Engineer *DMR*  
**Through:** David P. Gorman, P.E., Acting Public Works Director *DPT*  
**Date:** April 8, 2008  
**Subject:** Resolution for IDOT Bid Document Submittal in Support of Motor Fuel Tax Funding

**2009 Concrete Rehab and Utility Cuts Patching**

The proposed FY 2008-2009 CIP includes a Concrete Rehab and Utility Cuts Patching project in the estimated amount of \$900,000 with \$300,000 being allocated from the Motor Fuel Tax fund. In accordance with the Illinois Highway Code, the Village Board of Trustees must authorize submittal of the project's bid documents to IDOT for approval.

Attached are a "Resolution Authorizing Submittal of Motor Fuel Tax Project Bid Documents" three (3) original Bid Documents Cover Pages, and a complete bid packet for your review and consideration. Staff recommends approval.

If approved, please return the three (3) executed originals to Public Works Engineering for further processing.

DAD/sk



**RESOLUTION**  
R \_\_\_\_\_  
08

**A RESOLUTION AUTHORIZING**  
**SUBMITTAL OF MOTOR FUEL TAX PROJECT BID DOCUMENTS**

**WHEREAS**, the Board of Trustees of the Village of Lombard recently adopted a resolution authorizing the signature of President and Clerk for appropriating Motor Fuel Tax funds; and

**WHEREAS**, the appropriated Motor Fuel Tax funds will be utilized for partially implementing the Village's Concrete Rehabilitation and Utility Cut Patching programs; and

**WHEREAS**, the signature of President and Clerk are required on the bid documents for submittal to the Illinois Department of Transportation for project approval.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows

**SECTION 1:** That the President and Village Clerk are hereby directed and authorized to execute the Illinois Department of Transportation bid documents attached hereto and made a part hereof.

Adopted this 17<sup>th</sup> day of April, 2008.

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved this 17<sup>th</sup> day of April, 2008.

ATTEST:

William J. Mueller  
Village President

Brigitte O'Brien  
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer  
Village Attorney



County Engineer/Superintendent of Highways
Submitted/Approved
<b>For County and Road District Projects Only</b>
Highway Commissioner/Mayor/President of Board of Trustees
Submitted Approved/Passed 4/17/2008

Regional Engineer

Date

APPROVED  
DEPARTMENT OF TRANSPORTATION

**BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL**  
(Note Instruction 5 of the Notice to Bidders Form)

### THE ILLINOIS HIGHWAY CODE

TO BE CONSTRUCTED UNDER  
THE PROVISIONS OF

STREET NAME OR ROUTE NO. Various Locations  
SECTION NO. 08-00000-GM  
TYPE OF FUNDS MFT

FOR  
THE IMPROVEMENT OF

(Strike out that which is not applicable)

ESTIMATE OF COST, SPECIFICATIONS, PLANS,  
MATERIAL PROPOSAL, CONTRACT PROPOSAL,  
CONTRACT AND CONTRACT BOND.

Village of Lombard  
(Insert name of City, Village, Town or Road District)

COUNTY OF DuPage

STATE OF ILLINOIS

**RETURN WITH BID**

PROPOSAL SUBMITTED BY

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

CHECK SHEET

FOR

RECURRING LOCAL ROADS AND STREETS SPECIAL PROVISIONS

Adopted January 1, 2008

The following RECURRING LOCAL ROADS AND STREETS SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

RECURRING LOCAL ROADS AND STREETS SPECIAL PROVISIONS

CHECK SHEET #	Reserved
121	<input type="checkbox"/>
122	<input type="checkbox"/>
123	<input checked="" type="checkbox"/>
124	<input checked="" type="checkbox"/>
125	<input checked="" type="checkbox"/>
126	<input checked="" type="checkbox"/>
132	<input checked="" type="checkbox"/>
138	<input type="checkbox"/>
139	<input type="checkbox"/>
140	<input type="checkbox"/>
141	<input checked="" type="checkbox"/>
143	<input checked="" type="checkbox"/>
144	<input checked="" type="checkbox"/>
145	<input checked="" type="checkbox"/>
148	<input checked="" type="checkbox"/>



FOR  
CHECK SHEET  
RECURRING SPECIAL PROVISIONS

Adopted January 1, 2008

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

RECURRING SPECIAL PROVISIONS

PAGE NO.	CHECK SHEET #	
31	<input checked="" type="checkbox"/>	1 State Required Contract Provision All Federal-aid Construction Contracts (Eff. 2-1-69) (Rev. 1-1-07).....
33	<input type="checkbox"/>	2 Subletting of Contracts (Federal Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93).....
34	<input type="checkbox"/>	3 EEO (Eff. 7-21-78) (Rev. 11-18-80).....
44	<input type="checkbox"/>	4 Specific Equal Employment Opportunity Responsibilities Non Federal-aid Contracts (Eff. 3-20-69) (Rev. 1-1-94).....
49	<input type="checkbox"/>	5 Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-07).....
54	<input type="checkbox"/>	6 Reserved.....
55	<input type="checkbox"/>	7 Reserved.....
56	<input type="checkbox"/>	8 Haul Road Stream Crossings, Other Temporary Stream Crossings, and In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98).....
57	<input type="checkbox"/>	9 Construction Layout Stakes Except for Structure" (Eff. 1-1-99) (Rev. 1-1-07).....
60	<input type="checkbox"/>	10 Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07).....
63	<input type="checkbox"/>	11 Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07).....
65	<input type="checkbox"/>	12 Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07).....
69	<input type="checkbox"/>	13 Hot-Mix Asphalt Surface Removal (Cold Milling) (Eff. 11-1-87) (Rev. 1-1-07).....
71	<input type="checkbox"/>	14 Pavement and Shoulder Resurfacing (Eff. 2-1-02) (Rev. 1-1-07).....
72	<input type="checkbox"/>	15 PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07).....
74	<input type="checkbox"/>	16 Patching with Bituminous Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07).....
75	<input type="checkbox"/>	17 Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08).....
77	<input type="checkbox"/>	18 PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07).....
78	<input type="checkbox"/>	19 Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07).....
79	<input type="checkbox"/>	20 Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-97).....
83	<input type="checkbox"/>	21 Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-07).....
85	<input type="checkbox"/>	22 Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07).....
87	<input type="checkbox"/>	23 Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07).....
89	<input type="checkbox"/>	24 Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07).....
90	<input type="checkbox"/>	25 Night Time Inspection of Roadway Lighting (Eff. 5-1-96).....
91	<input type="checkbox"/>	26 English Substitution of Metric Bolts (Eff. 7-1-96).....
92	<input type="checkbox"/>	27 English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03).....
93	<input type="checkbox"/>	28 Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01).....
94	<input type="checkbox"/>	29 QC of Concrete Mixtures at the Plant - Single A (Eff. 8-1-00) (Rev. 1-1-04).....
100	<input type="checkbox"/>	30 QC of Concrete Mixtures at the Plant - Double A (Eff. 8-1-00) (Rev. 1-1-04).....
108	<input checked="" type="checkbox"/>	31 Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-07).....

7. 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.
8. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
9. 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.
10. 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.

By Order of

Village of Lombard

(Awarding Authority)

~~County-Engineer/County-Superintendent of Highways/Municipal Clerk~~

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

- 2. If prequalification is required, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One copy shall be filed with the Awarding Authority and 2 copies with the IDOT District Office.
- 3. All proposals must be accompanied by a proposal guaranty as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Supplemental Specifications and Recurring Special Provisions".
- 4. 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 contained in the "Supplemental Specifications and Recurring Special Provisions".
- 5. Bidders need not return the entire contract proposal when bids are submitted unless otherwise required. Portions of the proposal that must be returned include the following:
  - a. BLR 12210 - Contract Cover
  - b. BLR 12220 - Notice to Bidders
  - c. BLR 12221 - Contract Proposal
  - d. BLR 12222 - Contract Schedule of Prices
  - e. BLR 12223 - Signatures
  - f. BLR 12230 - Proposal Bid Bond (if applicable)
  - g. BLR 12325 - Certified Apprenticeship and Training Program
- 6. 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.

Illinois 60148

1. Plans and proposal forms will be available in the office of Village Engineer - 1051 S. Hammerschmidt, Lombard

**Bidders Instructions**

utility pavement cuts were performed and associated storm sewer repairs.

Proposed Improvement Remove and Replace PCC pavement, Curb and Gutter, providing PCC patching where

Location Various locations throughout the Village of Lombard.

Name FY 2008 Concrete Rehab and Utility Cuts Patching Length 4,800.00 feet ( 0.90 miles)

**Description of Work**

(address)

Hammerschmidt, Lombard, Illinois 60148

at 11:00 o'clock A. M., June 9, 2008 at the office of Village Engineer - 1051 S.

until 11:00 o'clock A. M., June 9, 2008 Proposals will be opened and read publicly

(address)

Hammerschmidt, Lombard, Illinois 60148

Sealed proposals for the improvement described below will be received at the office of Village Engineer - 1051 S.

**Time and Place of Opening of Bids**

Route	Various Locations
County	DuPage
Local Agency	Village of Lombard
Section	08-00000-GM

RETURN WITH BID

Notice to Bidders





State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets  
SPECIAL PROVISION  
FOR  
FLAGGERS IN WORK ZONES

Effective: January 1, 1999  
Revised: January 1, 2007

Revise the last paragraph of Article 701.13 of the Standard Specifications to read:  
"Flaggers are required only when workers are present."

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

SPECIAL PROVISION  
FOR  
CONTRACT CLAIMS

Effective: January 1, 2002  
Revised: January 1, 2007

Revise the second sentence of subparagraph (a) of Article 109.09 of the Standard Specifications to read:

"All claims shall be submitted to the Engineer."

Revise subparagraph (e) of Article 109.09 of the Standard Specifications to read:

"(e) Procedure. All Claims shall be submitted to the Engineer. The Engineer will consider all information submitted with the claim. Claims not conforming to this Article will be returned without consideration. The Engineer may schedule a claim presentation meeting if, in the Engineer's judgment, such a meeting would aid in resolution of the claim, otherwise a decision will be based on the claim documentation submitted. A final decision will be rendered within 90 days of receipt of the claim.  
Full compliance by the Contractor with the provisions specified in this Article is a contractual condition precedent to the Contractor's right to seek relief in the Court of Claims. The Engineer's written decision shall be the final administrative action of the Department. Unless the Contractor files a claim for adjudication by the Court of Claims within 60 days after the date of the written decision, the failure to file shall constitute a release and waiver of the claim."

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

SPECIAL PROVISION  
FOR  
BIDDING REQUIREMENTS AND CONDITIONS FOR CONTRACT PROPOSALS

Effective: January 1, 2002

Prequalification of Bidders. County or Municipality. When prequalification is required and the Awarding Authority for contract construction work is the County Board of a County, the Council, the City Council, or the President and Board of Trustees of a city, village, or town, each prospective bidder, in evidence of competence, shall furnish the Awarding Authority as a prerequisite to the release of proposal forms by the Awarding Authority, a certified or photostatic copy of a "Certificate of Eligibility" issued by the Department of Transportation, according to the Department's "Prequalification Manual".

The two low bidders must file, within 24 hours after the letting, a sworn affidavit in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work, using the blank form made available for this affidavit. One copy shall be filed with the Awarding Authority and two copies with IDOT's District office.

Issuance of Proposal Forms. The Awarding Authority reserves the right to refuse to issue a proposal form for bidding purposes for any of the following reasons:

- (a) Lack of competency and adequate machinery, plant, and other equipment, as revealed by the financial statement and experience questionnaires required in the prequalification procedures.
- (b) Uncompleted work which, in the judgement of the Awarding Authority, might hinder or prevent the prompt completion of additional work awarded.
- (c) False information provided on a bidder's "Affidavit of Availability".
- (d) Failure to pay, or satisfactorily settle, all bills due for labor and material on former contracts in force at the time of issuance of proposal forms.
- (e) Failure to comply with any prequalification regulations of the Department.
- (f) Default under previous contracts.
- (g) Unsatisfactory performance record as shown by past work for the Awarding Authority, judged from the standpoint of workmanship and progress.
- (h) When the Contractor is suspended from eligibility to bid at a public letting where the contract is awarded by, or requires approval of, the Department.

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

SPECIAL PROVISION  
FOR  
EMPLOYMENT PRACTICES

Effective: January 1, 1999

In addition to all other labor requirements set forth in this proposal and in the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation, during the performance of this contract, the Contractor for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

Selection of Labor. The Contractor shall comply with all Illinois statutes pertaining to the selection of labor.

Equal Employment Opportunity. During the performance of this contract, the Contractor agrees as follows:

(a) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, age, marital status, physical or mental handicap or unfavorable discharge from military service, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

(b) That, if it hires additional employees in order to perform this contract or any portion hereof, it will determine the availability of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

(c) That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin, ancestry, age, marital status, physical or mental handicap or unfavorable discharge from military service.

That it will send to each labor organization or representative of workers with which it has or is bound by collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with so such Act and Rules and Regulations, the Contractor will promptly so notify the Illinois Department of Human Rights and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.



- (e) That it will submit reports as required by the Department of Human Rights Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
- (f) That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency Illinois Department of Human Rights for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
- (g) That it will include verbatim or by reference the provisions of this clause in every subcontract so that such provisions will be binding upon every such subcontract. In the same manner as with other provisions of this contract, the Contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further it will promptly notify the contracting agency and the Illinois Department of Human Rights in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

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

SPECIAL PROVISION  
FOR  
WAGES OF EMPLOYEES ON PUBLIC WORKS

Effective: January 1, 1999  
Revised: April 1, 2006

All wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto. If the Department of Labor revises the wage rates, the revised rate as provided by the public body shall apply to this contract and the Contractor will not be allowed additional compensation on account of said revisions.

The Contractor and each subcontractor shall make and keep, for a period of not less than three years, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include each worker's name, address, telephone number when available, social security number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, and the starting and ending times of work each day.

The Contractor and each subcontractor shall submit monthly, in person, by mail, or electronically a certified payroll to the public body in charge of the project. The certified payroll shall consist of a complete copy of the records. The certified payroll shall be accompanied by a statement signed by the Contractor or subcontractor which avers that: (i) such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required; and (iii) the Contractor or subcontractor is aware that filling a certified payroll that he or she knows to be false is a Class B misdemeanor.

Upon two business days' notice, the Contractor and each subcontractor shall make available for inspection the records to the public body in charge of the project, its officers and agents, and to the Director of Labor and his deputies and agents at all reasonable hours at a location within this State. The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department or the Department of Labor.

This provision applies to all labor, whether skilled, semi-skilled or unskilled, whether manual or non-manual.

Other laborers may be used when Illinois laborers as defined herein are not available, or are incapable of performing the particular type of work involved, if so certified by the Contractor and approved by the Engineer. The Contractor may place no more than three of his regularly employed non-resident executive and technical experts, who do not qualify as Illinois laborers, to do work encompassed by this Contract during a period of excessive unemployment.

Employment of Illinois Workers During Periods of Excessive Unemployment. Whenever there is a period of excessive unemployment in Illinois, which is defined herein as any month immediately following two consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded five percent as measured by the United States Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ only Illinois laborers. "Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident.

The Contractor shall comply with all Illinois statutes pertaining to the selection of labor.

State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets  
SPECIAL PROVISION  
FOR  
SELECTION OF LABOR  
Effective: January 1, 1999

State of Illinois  
Department of Transportation  
SPECIAL PROVISION  
FOR  
PARTIAL PAYMENTS

Effective: January 1, 2007

Add the following after the first paragraph of Article 109.07(a) of the Standard Specifications:

"The State will deduct from the amount so determined for the first 50 percent of the completed work a sum of ten percent to be retained until after the completion of the entire work to the satisfaction of the Engineer. After 50 percent or more of the work is completed, the Engineer may, at his/her discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided that the amount retained is not less than five percent of the total adjusted contract price. When the principal items of the work have been satisfactorily completed, a semi-final estimate may be made with the consent of the surety. Payment to the Contractor under such an estimate shall not exceed 90 percent of the amount retained after making partial payments, but in no event shall the amount retained after making the semi-final payment be less than one percent of the adjusted contract price, nor less than \$500,00.

When any payment is made directly to the State, payments for completed work shall have deducted the proportionate share of the cost to be borne by the State. The deduction will be the estimated cost to the State divided by the awarded contract value with this percentage applied to the value of work in place. Any adjustment to be made because of changed quantities will be made when the final payment is being processed. No retainage will be held from the value of such payments."



Special Provisions

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted January 1, 2007, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of FY 2009 Concrete Rehab and Utility Patch, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

Attached are Project Description, Locations, and Additional Special Provisions.

**PROJECT SPECIAL PROVISIONS  
FOR  
FY 2009 CONCRETE REHABILITATION AND UTILITY CUTS PATCHING**

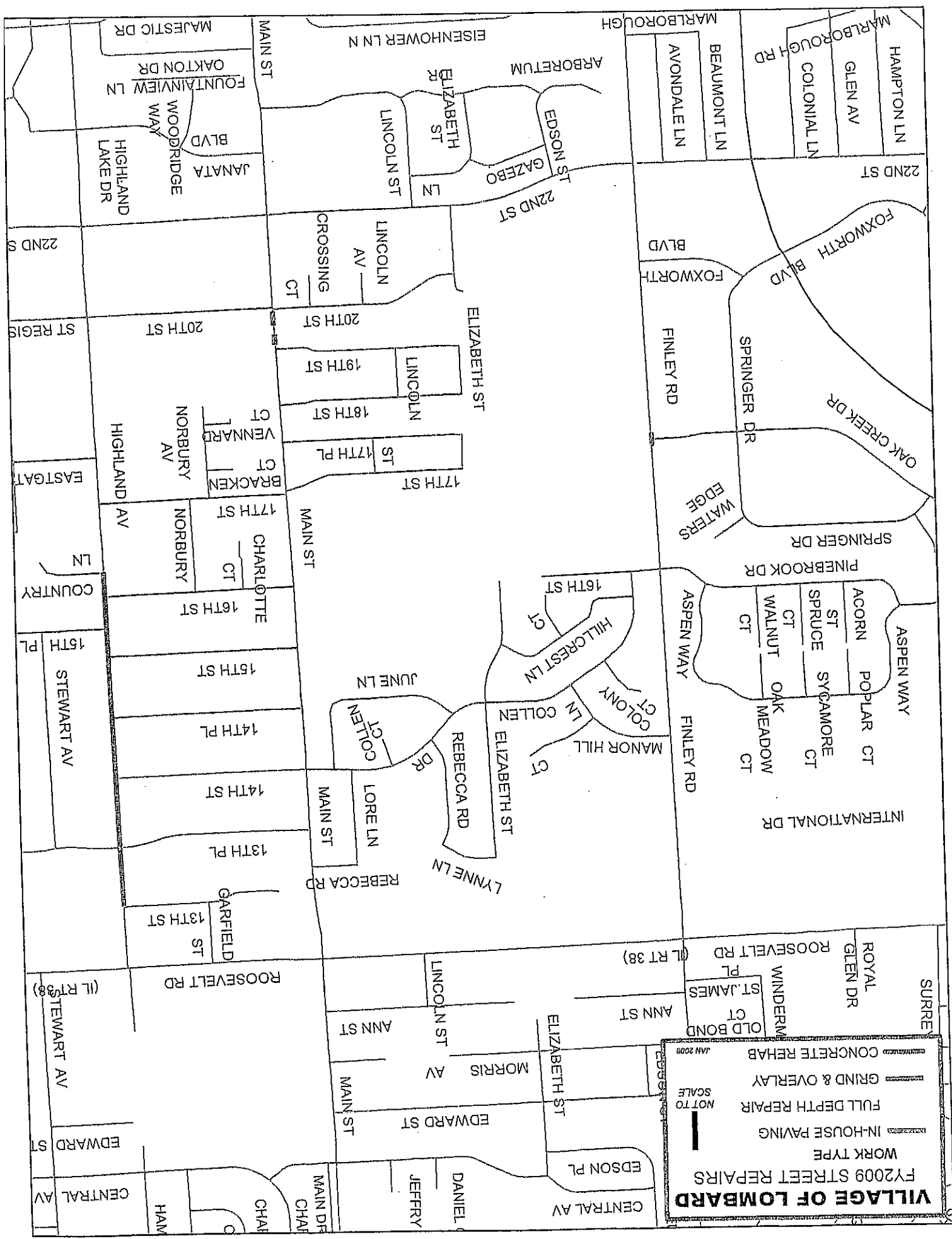
LOCATION AND DESCRIPTION OF PROJECT

The proposed work is officially known "FY 2009 Concrete Rehabilitation and Utility Cuts Patching". This project encompasses two (2) individual programs, the Concrete Rehabilitation program and the Utility Cuts Patching program. The work will be performed under a minimum of two (2) work orders and possibly more.

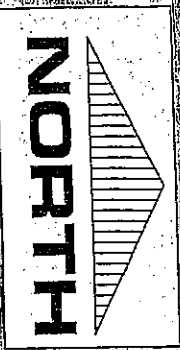
Work order number one (1), consisting of the Concrete Rehabilitation program, will be performed at four (4) locations within the Village of Lombard. This work consists of the removal and replacement of approximately 13,349 SQ YD of 10" PCC Pavement, reconstructing 16 structures, 4,535 LF of B6.24 curb, 4,475 LF of B9.12 curb, 1,850 SQ YD of sod, and applicable traffic control and protection. The contractor will have 60 calendar days from notice to proceed to complete work order number one (1).

Work order number two (2), consisting of the Utility Cuts Patching program, will be performed at various locations throughout the Village of Lombard. This program is designed to restore utility repairs, which are performed by the Village of Lombard crews of and located within concrete streets. The work will be given to the contractor by means of work orders. This contract will be suspended for the winter and reactivated in April to complete any outstanding work. The contractor will have 30 calendar days from the receipt of any work order to complete the work, unless otherwise stated.

The quantities in the bid proposal are only estimates, since the numbers and locations of future utility digs are unknown. Actual quantities may increase or decrease from the bid proposal. The contract will be awarded to the lowest responsible bidder based on the quantities and unit prices in the bid proposal. Payment for work performed based on measured quantities multiplied by the contract unit prices.



**VILLAGE OF LOMBARD**  
 FY2009 STREET REPAIRS  
 WORK TYPE  
 IN-HOUSE PAVING  
 FULL DEPTH REPAIR  
 GRIND & OVERLAY  
 CONCRETE REHAB  
 NOT TO SCALE  
 JAN 2009



Highland Ave.

Country Road

Location No.	1
Structure Adj. (A)	7' ed
Structure Reconst. (R)	5' ed
Median	0' sf
Curb Type B9-24	4000 lf
Curb Type B9-12	4000 lf
Pavement Removal 10"	186 sy
PCC Driveway 6"	186 sy
Sidewalk Removal & Replacement	400 sy
Driveway Removal	0' sf
CA-6 Stone (4")	400 sy
Geotechnical Fabric	11333 sy
Earth Excavation	1259.2 cy
Topsoil & Sod	1500 sy
Detector Loop	0 lf

PROJECT NO: ST-09-02  
DATE: January 15 2008

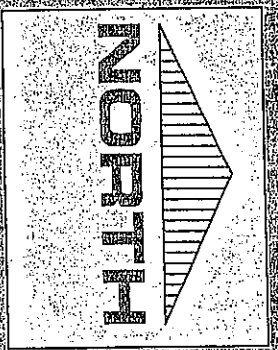
Scale: Not To Scale  
DRAWN BY: Kent Higgers

Village of Lombard  
Department of Public Works

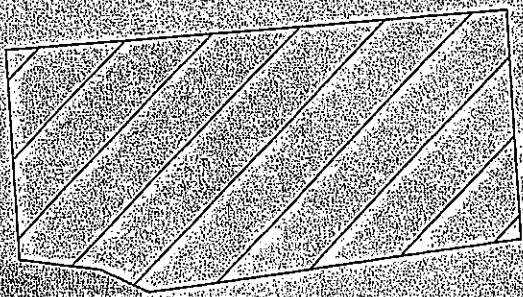
PROJECT:  
Concrete Rehabilitation

TITLE:  
SHEET: 0





20th Street



Main Street

Location No.	2
Structure Adj. (A)	1 ed
Structure Reconst. (R)	2 ed
Median	0 sy
Curb Type B9-24	275 lf
Curb Type B9-12	275 lf
Pavement Removal 10"	1066 sy
Pavement Placement 10"	1066 sy
PCC Driveway 6"	0 sy
Sidewalk Removal & Replacement	0 sf
Driveway Removal	0 sy
CA-6 Stone (4")	1066 sy
Geotechnical Fabric	1066 sy
Earth Excavation	118.4 cy
Topsoil & Sod	350 sy
Detector Loop	0 lf

PROJECT NO: ST-09-02  
DATE: January 15, 2005

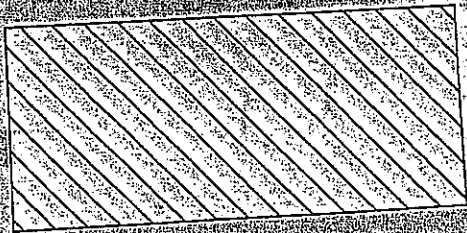
Scale: Not To Scale  
DRAWN BY: Kent Hilgers

Village of Lombard  
Department of Public Works

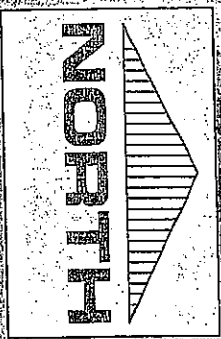
PROJECT:  
Concrete Rehabilitation

TITLE:  
SHEET: 0

1912 S. Main Street



Main Street



Location No.	3
Structure Adj. (A)	0 ed
Structure Reconst. (R)	0 ed
Median	0 sy
Curb Type B9-24	200 lf
Curb Type B9-12	200 lf
Pavement Removal 10"	700 sy
Pavement Placement 10"	700 sy
PCC Driveway 6	0 sy
Sidewalk Removal & Replacement	0 sf
Driveway Removal	0 sy
CA-6 Stone (4")	700 sy
Geotechnical Fabric	700 sy
Earth Excavation	77.8 cy
Topsoil & Sod	0 sy
Detector Loop	0 lf

PROJECT NO: ST-08-01  
DATE: November 10, 2006

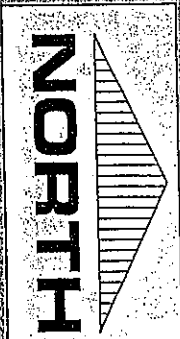
Scale: Not To Scale  
DRAWN BY: Kent Hagers

Village of Lombard  
Department of Public Works

PROJECT:  
Concrete Rehabilitation

TITLE:  
SHEET: 0





Finley Rd.

Odokcreek Dr.



Location No.	4
Structure Adj. (A)	1 ed
Structure Reconst. (R)	0 ed
Median	0 sy
Curb Type B9-24	60 lf
Curb Type B9-12	0 lf
Pavement Removal 10"	250 sy
Pavement Placement 10"	250 sy
PCC Driveway 6	0 sy
Sidewalk Removal & Replacement	0 sf
Driveway Removal	0 sy
CA-6 Stone (4")	250 sy
Geotechnical Fabric	250 sy
Earth Excavation	27.8 cy
Topsoil & Sod	0 sy
Detector Loop	0 lf

SUBJECT NO: ST-09-02  
DATE: January 15, 2005

Scale: Not To Scale  
DRAWN BY: Kent Higgers

Village of Lombard  
Department of Public Works

PROJECT:  
Concrete Rehabilitation

TITLE:  
SHEET: 0

## SECTION 100. GENERAL REQUIREMENTS AND COVENANTS

### SECTION 101. DEFINITION OF TERMS

REV. 01/07

101.28 Plans. Add the following at the end of the last sentence in the Section: “, all of which are included in this specification manual as exhibits, inserts, or details.”

Add the following articles to this section:

101.56 Village. The Village of Lombard, DuPage County, Illinois.

101.57 Water and Sewer Specifications. The “Standard Specifications for Water and Sewer Main Construction in Illinois”, Fifth Edition, adopted May 1996, available from the Associated General Contractors of Illinois or the Illinois Society of Professional Engineers.

101.58 Notice to Proceed. Notice to proceed is defined as one of the following events, whichever occurs first:

- a) 10 days after the Contract has been signed by both parties;
- b) 45 days after award of the Contract by the Village Board of Trustees; or
- c) The day that construction materials or equipment are delivered to the job site.

101.59 Substantial Completion. Full width of the road is open to traffic and the completion of all items of work as specified within these documents, with the exception of sodding. The work associated with work order (1) is to be substantially completed within 30 calendar days of notice to proceed. The work associated with work order (2) and subsequent work orders is to be substantially completed within 30 calendar days of the receipt of each work order.

### SECTION 102. ADVERTISEMENT, BIDDING, AWARD & CONTRACT EXECUTION REV. 01/07

Add the following articles to this section:

102.02 Examination of Plans, Specifications, Special Provisions, and Site of Work.

Any Bidder in doubt as to the true meaning of any part of the contract documents, shall attend a pre-bid meeting which will be held in the Conference Room of the Public Works Building at 10:00 a.m. on March 29, 2007. All questions shall be submitted in writing at the meeting.

If a written addendum is issued, a copy of such addendum will be mailed to all Bidders known to the Village. Bidders shall provide written acknowledgment of receipt of each addendum issued with the bid submission. The information shall also be placed on file and be made available to the public per the Freedom of Information Act. Oral explanations will not be made prior or subsequent to the pre-bid meeting. No addenda shall be issued three (3) working days prior to bid opening date.

102.03 Preparation of the Proposal. The Bidder shall prepare its proposal on the proposal forms furnished by the Village. All blank spaces on the proposal page or pages, applicable to the subject specification, must be correctly completed. The total bid amount is to be shown in both words and figures where indicated. In case of a discrepancy between words and figures, the words shall prevail, unless it clearly appears in the Village's opinion that the words rather than the figures are in error.

102.04 Rejection of Proposals. The following are causes for rejection of proposals but are not intended to limit rejection of proposals by the Village for any other lawful purpose not listed herein:

- (a) Prices excessively high and/or exceed monies available for the intended work;
- (b) Failure to offer to meet specified delivery or performance schedules;
- (c) Qualification of price to protect the Bidder from unknown future market conditions;
- (d) Rights of the Village limited under any contract clause;
- (e) Failure of any authorized person to sign any required forms or to sign the bid; and
- (f) Bidder is prohibited by local, state or federal law from entering into public contracts.

Identical bids may be reported to the Justice Department, in conformance to the President's Executive Order No. 10936, 26 F.R. 3555 (1961), and to local or state investigative bodies.

102.05 Proposal Guaranty. All bid bonds shall be in an industry standard format and in the amount of five percent (5%) of the bid amount. Any checks shall be made payable to the Village.

102.06 Delivery of Proposals. The Village does not issue special envelopes. All envelopes must be at least 9" x 12" and clearly marked with the project name, Bidder's name, address, bid opening location, date and time. All bids must be delivered to the office of the Director of Public Works prior to the specified opening time of the bid.

102.07 Withdrawal of Proposals. After the proposals are opened, no proposal shall be withdrawn or canceled for a period of sixty (60) calendar days. The successful Bidder shall not withdraw or cancel its proposal after having been notified by the Director of Public Works that said proposal has been accepted by the Village Board of Trustees.

102.08 Consideration of Proposals. The Village Director of Public Works shall represent and act for the Village in all matters pertaining to this proposal and Contract in conjunction therewith. The Village shall accept the proposal of the lowest responsible Bidder on the basis of the proposal that is in the best interest of the Village to accept. In awarding the Contract, in addition to price and any other considerations allowed by law, the Village shall consider the following:

- (a) The ability, capacity, and skill of the Bidder to perform the contract to provide the service required;
- (b) Whether the Bidder can perform the contract or provide the service promptly, or within the time specified, without delay or interference;
- (c) The character, integrity, reputation, judgment, experience, and efficiency of the Bidder;
- (d) The quality of performance of previous contracts of services;
- (e) The previous and existing compliance by the Bidder with laws and ordinances relating to the Contract or service;
- (f) The sufficiency of the financial resources and ability of the Bidder to perform the Contract or provide the service;
- (g) The quality, availability, and adaptability of the supplies or contractual services to the particular use required;
- (h) The ability of the Bidder to provide future maintenance and service for the use of the subject of the Contract;

- (i) The number and scope of conditions attached to the proposal;
- (j) Whether the Bidder has a place of business in the Village;
- (k) Responsiveness to the exact requirements of the invitation to bid;
- (l) Ability to work cooperatively with the Village and its administrator; and
- (m) Past records of the Bidder's transaction with the Village or with other entities as evidence of the Bidder's responsibility, character, integrity, reputation, judgment, experience, efficiency, and cooperativeness.

The Bidder, if requested in writing, must present within three (3) working days, evidence satisfactory to the Director of Public Works of ability and possession of necessary facilities, prior experience, financial resources, and adequate insurance to comply with the terms of these contract documents.

102.09 Award of Contract. Written notification of award of Contract will be mailed to the lowest responsible Bidder within seven (7) working days of the President and Board of Trustees' decision.

102.10 Return of Proposal Guaranty. The Village will hold the proposal guaranty checks of the three (3) lowest Bidders.

102.11 Requirement of Contract Bond. The successful Bidder shall furnish and pay for satisfactory Performance and Labor and Material Payment Bonds in the amount of one hundred percent (100%) of the contract sum. Said Bonds shall be in a form acceptable to the Village, shall be deposited with the Village at the time of execution of the Contract and shall provide that they shall not terminate on completion of the work, but shall be reduced to ten percent (10%) of the contract sum upon completion of the work for a period of one (1) year to cover the one (1) year guaranty and maintenance period. Execution of the Contract by the Village is contingent upon receipt of an acceptable Contract Bond and any required certificates of insurance by the successful Bidder. Failure to furnish the required bond within the time specified may cause for withdrawal of the award. The successful Bidder shall furnish the required bonds and certificate of insurance within ten (10) working days after the Village sends out written notification of award of Contract.

### SECTION 104. SCOPE OF WORK

104.01 Intent of the Contract. Add the following at the end of this Section: Any work not specified on the plans or herein may be implied as being included in this Contract, of which the Engineer shall be the judge, shall be done by the Contractor without extra charge.

104.02 Alterations, Cancellations, Extensions and Deductions, and Extra Work. Delete paragraph four (4) and subparagraphs b and d of paragraph six (6).

104.07 Value Engineering Proposals. Delete this article in its entirety.

105.12 Inspection of Work. Add the following as a separate Paragraph, second Paragraph from the end: Any failure by the Village to reject or condemn any work or material at the time of its construction or arrival at the worksite shall not be construed to mean an acceptance of the work.

105.14 Periodic Inspections. Periodic inspections of the work will be made. The Contractor shall correct work to the satisfaction of the Engineer, which may be in satisfactory condition at the time of a periodic inspection but is found to be unsatisfactory at the time of final inspection.

105.15 Failure to Properly Notify the Village of Work Cancellations/Rescheduling. The Contractor shall reimburse the Village (pursuant to a setoff against any amounts due to the Contractor) for costs incurred by the Village for administration, engineering, inspection or supervision as a result of the Contractor cancelling or rescheduling work without giving sufficient notice to the Resident Engineer. For purposes of this section, "sufficient notice" shall mean a notice given to the Resident Engineer at or before 2:30 P.M. on the weekday (Monday through Friday) immediately prior to the day on which the work in question is being cancelled or rescheduled, was to have taken place.

## SECTION 106. CONTROL OF MATERIALS

106.02 Unacceptable Materials. Add the following as a separate, final Paragraph: The Village hereby reserves the right to approve as an equal, or to reject as not being an equal, any article the Contractor proposes to furnish under the terms of the Contract. All proposed substitutions shall by submitted to the Engineer for review and approval prior to their delivery to the worksite.

107.09 Public Convenience and Safety. Add the following before the third Paragraph: The Contractor shall plan their operations to ensure that no resident will be denied access to their driveway for more than a single twenty-one (21) day period. During this period the Contractor shall construct curb and gutter, pavement, sidewalk and driveway approaches. Should the Engineer determine that the Contractor will exceed this time constraint, the Engineer will order that temporary roads and/or approaches be installed at the Contractor's expense.

The Contractor shall notify the Village at least forty-eight (48) hours in advance of any water shutdown. The Village will determine the limits of the shutdown and determine which residences will be affected. The Village shall supply the Contractor with yellow and/or blue shut-off notice door tags. The yellow door tags are to be used in the event of a water main shut down. Blue door tags are to be used during the transfer of water services. The Contractor shall be responsible for distributing notice by taping the tags to the front door of the affected property a minimum of twenty-four (24) hours in advance of the shutdown. (Example: If the contractor requests a Tuesday 8:30 AM shut down, all notices must be taped to the affected properties front door no later than Monday by 8:30 AM. Monday morning shut downs notice shall be in place by noon on Friday.) Village personnel shall operate all valves other than those installed but not yet accepted by the Village. The maximum time allowed for a water shutdown will be four (4) hours.

The Contractor is prohibited (with or without the permission of the property owner) from drawing water from any private property sources. If the Contractor wishes to utilize the Village water supply system he must secure an RPZ valve per section 107.18 of the standard specifications.

107.11 Insurance Requirements for Railroad-Highway Crossings. Replace the first Paragraph with the following: For railroad-highway grade separation work and selected at-grade crossings and any work under the Contract within fifty (50) feet of any railroad right-of-way, as indicated in the Contract proposal, the Contractor shall obtain Railroad's Protective Liability and Property Damage Liability Insurance according to the requirements specified hereinafter.

107.18 Use of Fire Hydrants. Add the following at the end of this Section: The Contractor may request to use fire hydrants within the project area. Fire hydrant usage will only be allowed after the Contractor receives authorization from the Village. Prior to drawing water from any fire hydrant, the Contractor shall rent a water meter and RPZ valve from the Village. The meter and RPZ valve must be connected to the fire hydrant while it is in use. The current billing rate is \$6.21 per thousand gallons (rates are subject to change after June 1, 2007). Meter rentals must be returned after 90 days. Meter rentals may be renewed after 90 days, however rental and usage fees at the time of renewal will be charged. Meter rentals will require a new deposit and a renewal fee. The Village will refund any balance from the water usage and daily rental fee incurred during the 90-day rental period.

Billing rates and fees are listed below.

Water Meter Rental and Water Usage Charges

5/8" or 3/4" Meter		2" Meter	
Initial Administration Fee	\$40.00	Initial Administration Fee	\$40.00
Deposit	\$500.00	Deposit	\$2,000.00
Meter Rental Fee	\$3.00	Meter Rental Fee	\$5.00
(per day)		(per day)	
Cost of Water	\$6.21	Cost of Water	\$6.21
(per 1000 gallons)		(per 1000 gallons)	
Maximum Rental Time	90 days	Maximum Rental Time	90 days
Renewal Fee	\$10.00	Renewal Fee	\$10.00

Contractors wishing to rent a water meter should contact the Village Department of Public Works at (630) 620-5740. The Finance Department will deduct the water meter rental fee and water usage from the deposit.

Unauthorized or improper use will subject the offender to arrest and prosecution.

107.24 Forest Protection. Add the following at the end of this Section: In the case of excavation, the Contractor shall attend the showing of a videotape regarding tree protection during construction. The videotape will be shown at the Public Works Building. The approximate time required to view the videotape is one (1) hour. The videotape shall be viewed before any excavation begins. The Engineer will arrange a time suitable to all parties involved to view the videotape. This work will not be paid for separately, but shall be considered incidental to the Contract. The Contractor shall also protect parkway trees from damage by their operations. Failure to do so will result in the following deductions from monies owed to the Contractor:



DAMAGE TO PARKWAY TREES CAUSING REMOVAL (PAYMENT): Any person that damages a parkway tree so severely that the tree dies or requires removal shall compensate the Village for the loss of the parkway tree. The amount paid shall be based on the following schedule:

1. If the damaged parkway tree is less than 8 in. in diameter (measured at 12 in. above ground level), the amount paid shall be determined by using the "Replacement Cost Method" of evaluating trees found in the most current edition of the *Council of Tree and Landscape Appraisers Guide (CTLA) for Plant Appraisal*.
2. For parkway trees larger than an 8 in. trunk diameter, (measured at 52 in. above grade) the amount paid shall be determined by using the "Trunk Formula Method" of evaluating trees found in the most current edition of the above-referenced *CTLA's Guide*.
3. Added to the costs established under the above provisions shall be the cost of the removal of the parkway tree.

DAMAGE TO PARKWAY TREES NOT CAUSING REMOVAL (PAYMENT): Any person that causes injury to a parkway tree shall compensate the Village for the injury to the parkway tree. Such injuries include, but are not limited to the following: damage to the tree trunk, broken branches, and the storing of construction materials within the drip-line of the tree. The amount paid shall be the actual cost to repair the damage.

The Forestry Division using the most current edition of the above-referenced *CTLA's Guide* shall determine the appraised value or the partial loss in the tree value.  
 The following is a SAMPLE of both methods of evaluating parkway trees:

<u>REPLACEMENT COST METHOD (TREES UNDER 8" DIAMETER):</u>	
2" AUTUMN BLAZE FREEMAN MAPLE -	\$ 215.00
2" HORSECHESNUT -	\$ 235.00
2" SWAMP WHITE OAK -	\$ 220.00
2" RED OAK -	\$ 220.00
2" HEDGE MAPLE -	\$ 220.00
2" IVORY SILK JAPANESE TREE-LILAC -	\$ 235.00
<hr/>	
10" HONEY LOCUST -	\$ 1,595.00
15" LITTLE-LEAF LINDEN -	\$ 2,662.00
18" SUGAR MAPLE -	\$ 4,240.00
19" GREEN ASH -	\$ 4,708.00
30" SILVER MAPLE -	\$ 7,331.00
32" GREEN ASH -	\$ 12,853.00
<hr/>	
<u>TRUNK FORMULA METHOD (TREES OVER 8" DIAMETER):</u>	

107.26 Indemnification. In lieu of the first paragraph of Article 107.26 insert the following:  
 The Contractor shall indemnify, defend and save harmless the Village, its officers, agents, employees, representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liabilities of any character, including, as allowed by law, liabilities incurred due to joint negligence of the Village and the Contractor, brought because of any injuries or damages received or sustained by any person, persons, or property on account of any act or omission, neglect or misconduct of said Contractor, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the Contract, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the Village, its officers, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The Contractor shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

107.27 Insurance. In lieu of the first sentence of the third paragraph of Article 107.27 insert the following: The Contractor shall furnish to the Village satisfactory proof of coverage of the above insurance requirements, by a reliable company or companies, before commencing any work. Such proof shall consist of certificates executed by the respective insurance companies and filed with the Village. Said certificates shall contain a clause to the effect that, for the duration of the Contract, the insurance policy shall not be canceled, expired or changed as to the amount of coverage without written notification of officers, agents and employees as additional insureds on all required insurance policies and shall provide that all insurance policies provided by the contractor shall be primary to any insurance policies maintained by the Village.

In addition to the language set forth in Article 107.27, add the following at the end of this Section: The Contractor shall require subcontractors, if any, not protected under the Contractor's policies, to secure and maintain insurance of the same nature in amounts, and under the same terms, as required of the Contractor. Proof of said insurance shall be filed with the Village.

107.28 Contractor Safety Responsibility. Add the following at the end of this Section: The Contractor shall read and comply with all applicable Occupational Safety and Health Act (OSHA) standards. Special attention is directed to the Congressional Federal Register, Volume 58, Number 9, Thursday, January 14, 1993, Part 1910 (Permit Required Confined Spaces for General Industry) and 29CFR1926.650-652, Appendices A-F, Revised July 1, 1990 (Subpart P - Excavations). Equipment supplied to the Village must comply with all requirements and standards as specified by the OSHA. Items not meeting any OSHA specifications will be refused.

107.30 Contractor's Responsibility for Work. Add the following as a separate Paragraph after the existing first Paragraph: The Contractor is required to maintain all work including but not limited to; roadway, driveway, sidewalk, lighting, traffic signals, landscaping, water and sewer mains and structures until final acceptance by the Engineer. The Engineer will determine what constitutes acceptable maintenance. Any defaced work shall be corrected or replaced by the Contractor at its sole expense prior to final payment. The Village will cooperate with the Contractor to minimize vandalism, but the Contractor is ultimately responsible for any damages. After new water service lines have been installed, the Contractor shall be responsible for locating said service lines for the duration of the project. The Village will not locate service lines placed by the Contractor for the duration of the project. The Contractor, at its own expense, shall repair any damage to any service line installed under the contract which was damaged as a result of the Contractor's failure to properly locate the service lines to the satisfaction of the Engineer.

107.35 Construction Noise Restrictions. This article is modified as follows: Confined periods shall be: 7:00 A.M. to 6:00 P.M. weekdays, 7:00 A.M. to 4:00 P.M. Saturdays and no work on Sundays or Holidays. Work outside these periods must have the prior, written permission of the Village Engineer. Muffling devices shall comply with the Village of Lombard, Code of Ordinances.

107.36 Dust Control. Delete the last sentence and replace with the following: Dust Control will be paid for as specified elsewhere herein.

Add the following articles to this section:

107.37 Prevailing Wages. The Village requires all Contractors (and any subcontractors) bidding on Village projects to comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq., as applicable to the particular Contract. Prevailing wage rate updates can be obtained by calling the Illinois Department of Labor at (312) 793-2914, or writing to the Illinois Department of Labor at: 310 S. Michigan Avenue, 10th Floor, Chicago, Illinois 60604, or calling the Lombard Village Hall at (630) 620-5700.  
Note: The Prevailing Act requires the Contractor and each Subcontractor participating on public works projects to submit monthly a certified payroll to the public body in charge of the project.

107.38 Taxes. The Village is exempt, by law, from paying the following taxes: Federal Excise Tax, Illinois Retailer's Occupation Tax, Use Tax and Municipal Retailers' Occupation Tax and Service Occupation Tax on materials and services purchased by the Village. A copy of the Village tax-exempt letter will be provided to the successful Bidder upon request.

107.39 Non-Discrimination. The Contractor shall, as a party to a Contract:

1. Refrain from unlawful discrimination in employment and take all necessary actions to assure equality of employment opportunity;
2. By submission of this proposal, the Contractor certifies that it is an "equal opportunity employer" as defined by Section 2000 (e) of Chapter 21, Title 42, U.S. Code Annotated and Executive Orders #11246 and #11375 (42 U.S.C., Section 2000 (e)); Exec. Order No. 11246, 30 F.R. 12319 (1965); Exec. Order No. 11375, 32 F.R. 14303 (1967) which are incorporated herein by reference. The Equal Opportunity Clause, Section 6.1 of the Rules and Regulations of the Department of Human Rights of the State of Illinois, is a material part of any contract awarded on the basis of this proposal.

It is unlawful to discriminate on the basis of race, color, sex, national origin, religion, ancestry, age, marital status, physical or mental handicap, military service sexual orientation or unfavorable discharge for military service. The Bidder shall comply with standards set forth in Title VII of the Civil Rights Act of 1964, 42 U.S.C. S 2000 et seq. and the Human Rights Act of the State of Illinois (775 ILCS 5/1 - 101 et seq.).

107.40 Venue. The parties hereto agree that for purposes of any lawsuit(s) between them concerning the Contract, its enforcement, or the subject matter thereof, venue shall be in DuPage County, Illinois, and the laws of the State of Illinois shall govern the cause of action.

107.41 Warranty. The Contractor warrants to the Village that materials and equipment furnished under the Contract will be of good quality and new and that the work will be free from defects in material and workmanship for one (1) year from the date of issuance of the final payment by the Village and any deficiencies shall be corrected by the Contractor under this warranty immediately upon notification from the Village.

## SECTION 108. PROSECUTION AND PROGRESS

REV. 01/07

108.01 Subletting of Contract. Add the following before the existing fourth Paragraph: Each Subcontractor shall be approved by the Village Director of Public Works in writing prior to commencement of work. A list of proposed Subcontractors and the amount of each subcontract shall be submitted to the Village at the pre-construction conference. If all Subcontractors are not selected at the time of the pre-construction conference, the Contractor shall classify the items of work, which will be subcontracted, and the value thereof. The names of the remaining Subcontractors shall be submitted when available.

108.08 Determination and Extension of Contract Time. Add the following subsection:  
(d) The Contractor shall not be entitled to any claim for damages for any hindrance or delay from any cause whatsoever in the progress of the work or any part thereof. However, such hindrance may entitle the Contractor to an extension of time for completing the contract, sufficient to compensate for the detention; the same to be determined by the Engineer, given that the Contractor provides notice, in writing, of the nature of the cause of such detention within ten (10) calendar days after the detention has occurred.

108.09 Failure to Complete the Work on Time. Add the following Paragraph at the end of this Section:  
In addition to the foregoing, the Contractor shall also be liable and shall pay to the Village any costs for administration, engineering, inspection and supervision that the Village incurred as a result of the Contractor canceling or rescheduling work without giving sufficient notice (no later than 2:30 PM the weekday before) to the Resident Engineer.

#### SECTION 109. MEASUREMENT AND PAYMENT

REV. 01/07

109.07 Partial Payments and Retainage. Delete paragraph 1 under subsection (a) and replace with the following: The Engineer shall submit a partial payment estimate not more than once each month upon approval by the Village Board of Trustees and approval of the Contractor's affidavit and partial waiver(s) of lien. Subsequent pay estimates will not be processed until partial waivers have been received and approved for all previous pay estimates. Retainage will not be deposited under any trust agreement. Mobilization (Section 671) will not be paid.

109.08 Acceptance and Final Payment. Add the following to the end of this Section: Notwithstanding the foregoing, any payment, final or otherwise, shall not release the Contractor or his sureties from any obligations under the Contract or the performance bond and payment and material bonds.

#### SECTION 210 FABRIC FOR GROUND STABILIZATION

REV. 01/07

This work shall be performed in accordance with Section 210 of the Standard Specifications with the following alterations.

210.02 Materials. Delete Article 210.02(b).

210.04 Change title to "Placement of Geotextile Fabric." Delete paragraphs 1, 2 & 3 and replace with "The geotextile fabric shall be placed as directed by the Engineer."

210.05 Method of Measurement. Delete the second sentence.

210.06 Basis of Payment. Delete paragraph 2.

REV. 01/07

SECTION 211 TOPSOIL

This work shall be performed in accordance with Sections 211 of the Standard Specifications with the following alterations:

211.01 Description. Delete the words "or compost."

211.02 Materials. Add "Only 'pulverized' top soil shall be used." Delete subsection (b).

21.04 Placing Topsoil. Delete paragraph two.

211.05 Finishing delete the words "or compost/topsoil blend" from sentence one.

211.07 Method of Measurement. In subparagraph (b), paragraph two delete the words "and compost furnish and place"

211.08 Basis of Payment. Delete the words "and per square yard (square meter) for COMPOST FURNISH AND PLACE, of the thickness specified.

REV. 01/07

SECTION 252 SODDING

This work shall be performed in accordance with Sections 252 of the Standard Specifications with the following alterations.

252.12 Method of Measurement. Delete paragraph 4.

252.13 Basis of Payment. Delete paragraph 3 and replace with:

Fertilizer will not be paid for separately but shall be included in the cost for SODDING, SPECIAL.

SECTION 400. SURFACE COURSES, PAVEMENTS, REHABILITATION AND SHOULDERS

SECTION 423 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

REV. 01/07

This work shall be performed in accordance with Section 423 and 351 of the Standard Specifications with the following alterations.

423.01 Description. Add the following: Driveways shall consist of a minimum of, 6 in. for residential and 8 in. for commercial driveways, Class PV concrete placed on 2 in. of Aggregate Base Course, Type B

423.05 Forms. Delete sentence one and replace with the following: Side forms shall be of lumber of not less than 6 in for residential driveways and not less than 8 in for commercial driveways or of steel of equal rigidity.

423.10 Method of Measurement. Add the following: All required excavation and saw cutting shall be included and shall not be paid for separately.

423.11 Basis of Payment. This work will be paid for at the contract unit price per square yard (square meter) for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, SPECIAL of the thickness specified, which price shall include all required materials (including base course), labor and equipment necessary to complete the work as specified herein.

SECTION 424. PORTLAND CEMENT CONCRETE SIDEWALK

REV. 01/07

This work shall be performed in accordance with Section 424 and 311 of the Standard Specifications with the following alterations.

424.04 Subgrade Preparation. Sidewalks shall be placed on a minimum of 2 in. of subbase granular material, type B.

424.06 Placing and Finishing. Add the following: At driveway apron locations, the depth of concrete shall be increased to 6 in. for residential drives and 8 in. for commercial drives.

424.07 Expansion Joints. In subsection (b), Change "100 ft (30 m)" to "50 ft (15 m)".

424.09 Detectable Warnings; Add the following.

Materials: Detectable warning shall be a prefabricated, cast-in-place system. The color of the detectable warning surface shall be brick red conforming to Federal Standard 595, color number 30166, or approved equivalent. Approved products are listed below and are subject to change during time of contract.

The following products are approved for local streets

*F-Z-Set Ceramic Composite Detectable Warning Panels*

Detectable Warning Systems, Inc.  
6435 Joshua Tree Avenue  
Orange, California 92867  
(866) 999-7452  
detectable@aol.com  
www.detectable-warning.com

*Armor-Tile*

Engineered Plastics, Inc.  
300 International Drive, Suite 100  
Williamsville, New York 14221  
(800) 682-2525  
sales@engplastics.com  
http://www.armor-tile.com

*Cape Fear Systems 3*

215 South Water Street, Suite 103  
Wilmington, NC 28401  
(877) ADA-MATS

alex@alermat.com  
http://www.detectablewarningssystem.com

*Brick pavers (must be approved prior to construction)*

Manufacturers vary

The following products are approved for collector /arterial streets.

*East Jordan Iron Works, Inc.*

301 Spring Street, East Jordan, Michigan 49727  
(800) 626-4653

ejwsales@ejiw.com  
http://www.ejiw.com

*Neeah Foundry Company*

2121 Brooks Avenue, Box 729, Neeah, Wisconsin 54956  
(800) 558-5075  
http://www.nfco.com

After the installation of the detectable warning surface, finishing will include edging around detectable warning surface. The surface shall be free of any debris, concrete and sealant and shall be cleaned according to the manufacturer's recommendations.

424.12 Method of Measurement. Add the following.

Detectable warning panels will be measured for payment in place, and computed per square foot. Ramps where more than one detectable warning panel will be used to meet the ADA and ADAAG standards will be measured as constructed in-place.

424.13 Basis of Payment. Replace paragraph one with the following.

This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL, which price shall include all required expansion joints, finishing, variable height edge treatment at sidewalk ramps, additional thickness at driveway aprons, and compacted sub base granular material.

Add the following to the beginning of paragraph three; Where existing sidewalk is to be replaced, all removal and excavation will be paid for as SIDEWALK REMOVAL. Where new sidewalk is to be placed, excavation will be paid for as EARTH EXCAVATION.

SECTION 440. REMOVAL OF EXISTING PAVEMENT AND APPURTENANCES

REV. 01/07

This work shall be performed in accordance with Section 440 of the Standard Specifications with the following alterations.

Special attention is drawn to the typical existing sections shown on the plans. These sections indicate the limits of payment for this item. No additional compensation for PAVEMENT REMOVAL shall be allowed without written direction from the Engineer prior to the commencement of any additional work. The Bidder may examine the geotechnical report and boring logs for this project which are on file with the Village.

440.01 Description. Add the following: Sidewalk and pavement removal prior to replacement shall be made to the depth of the new structure. The removal of any gravel driveway is considered incidental. All removed material shall be hauled from the work site the same day as its removal.

440.08 Basis of Payment. Add the following: All required saw cutting shall be included in the unit prices for the various items of work. The contract unit prices for SIDEWALK REMOVAL and DRIVEWAY PAVEMENT REMOVAL shall include removing and disposing of the entire sidewalk or driveway structure including excavation to the depth of the new structure.

SECTION 442. PAVEMENT PATCHING

REV. 01/07

This work shall be performed in accordance with Section 442 of the Standard Specifications with the following alterations.

442.02 Materials: Add the following: All bituminous materials shall be in accordance with Special Provisions "Asphalt & Bituminous Items" included in Section 1030 of these special provisions. Replace Note 1 with the following: High early strength (3,500 PSI minimum at 3 days) mixtures as specified in article 1020 shall be used for all Class A, Class B and Class C patching.

Construction Requirements. Add the following: Form work (keyway) shall be completely removed prior to subsequent pour. Longitudinal and transverse joint locations shall be approved by the Engineer prior to placement of concrete.

When abutting to existing concrete (pavement section and/or curb and gutter), #5 bars shall be used.

442.10 Method of Measurement. Delete, "and saw cut quantity" from line 5 of the 2nd paragraph. Delete paragraph in its entirety.

442.11 Basis of Payment. Add the following to the 2nd paragraph: Costs for all patches shall include all saw cutting, joints, reinforcement bars, tie bars, longitudinal keyways, dowel bars, expansion joints, and shall not be paid for separately. Delete paragraphs 3, 7, 8, 9 and 10.



# SECTION 600. INCIDENTAL CONSTRUCTION

## SECTION 602. CATCH BASIN, MANHOLE, INLET, DRAINAGE STRUCTURES AND VALVE

REV. 01/07

### VAULT CONSTRUCTION, ADJUSTMENT AND RECONSTRUCTION

This work shall be performed in accordance with Section 602 of the Standard Specifications with the following alterations.

602.02 Materials. Add the following: (m) Resilient Pipe Connectors shall conform to ASTM C-923.

Delete Note 2 and replace with: "Note 2: HDPE plastic adjusting rings may only used to adjust frames and grates of drainage and utility in landscaped areas. A maximum adjusting distance of 12 in (305 mm) with a maximum number of 3 rings is permitted. They shall be installed and sealed underneath the frames according to the manufacturer's specification

Delete Note 3 and replace with "Note 3: Recycled rubber adjusting rings may be used to adjust frames and grates of drainage and utility. A maximum adjusting distance of 12 in (305 mm) with a maximum number of 3 rings is permitted. They shall be installed and sealed underneath the frames according to the manufacturer's specification

602.05 Delete the entire section.

602.06 Delete the entire section.

602.07 Precast Reinforced Concrete Sections. Delete the second sentence and replace with "The units shall be sealed using mastic joint sealer." Add the following: All precast manhole bottoms shall have the inverts (benches) formed in them either during fabrication or after installation, utilizing Class SI concrete. Add the following: All new structures shall be mortared on the inside and outside at all structure joints between barrel, cone, and flat top sections.

602.08 Steps. Delete the first sentence and replace with "Steps, when required, shall be plastic coated reinforcing bar of the dimensions indicated on the VILLAGER's standard detail."

602.11 Furnishing and Placing Casting. Add the following to subsection (a): All new manhole frames and lids shall be Neenah R-1713 or East Jordan 1050Z1. All lids will be self sealing. The word "SANITARY", "STORM" or "WATER" cast on all lids as appropriate. Storm sewer manhole lids shall have factory installed o-ring gaskets. Modify the following in subsection (c): In sentence 3 of paragraph 2, delete "or a HMA surface or binder course material". Modify sentence 4 of paragraph 2 to read: "Class SI concrete shall be cured for a period of 72 hours". Delete sentence 5 of paragraph 2 in its entirety.

Add subsection (d) as follows: When structures do not fall within pavement or are not placed per (b) or (c) above, an external chimney seal which fully encompasses the rings and castings shall be installed. When directed by the Engineer the Contractor shall install a concrete collar behind any curb box that is found to be susceptible to inflow and infiltration.

602.12 Inlet and Outlet Pipes. Add the following: All manholes designated for sanitary sewers and valve vaults shall have resilient pipe connectors (rubber boots) for each pipe entering or leaving the manhole. All new structures without boots shall have inlet and outlet pipes sealed with mortar to eliminate infiltration.

## SECTION 700. WORK ZONE TRAFFIC CONTROL, SIGNING, AND PAVEMENT MARKING

### SECTION 701. WORK ZONE TRAFFIC CONTROL

REV. 01/07

This work shall be performed in accordance with Sections 701 and 702 of the Standard Specifications, and any Highway Standards contained herein with the following clarifications.

Special attention is called to Articles 107.09 and 107.14 and the following Highway Standards:

701501-03	Urban Lane Closure, 2L, 2W Undivided
701701-04	Urban Lane Closure, Multilane Intersection
701801-03	Lane Closure, Multilane, 1W or 2W Crosswalk or Sidewalk Closure
702001-05	Traffic Control Devices

701.04 General. Add the following:

The Contractor shall maintain at least one lane of traffic for local and emergency use at all times.

Entrances to driveways and side roads shall also be maintained as indicated in the special provision for AGGREGATE FOR TEMPORARY ACCESS. All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 702001.

The Contractor shall make frequent inspections of the work zone. Any traffic control items that are worn, damaged or are inoperative to the extent that they no longer meet these specifications or that have been displaced shall be repaired or removed and replaced. Traffic control items shall be properly installed and operational 24 hours a day, 7 days a week. The individual specified in paragraph 6 of subsection (a) shall be available for 24 hour-a-day contact. The Contractor shall respond to requests from the Village to correct traffic control deficiencies that constitute an immediate safety hazard within 4 hours of the request and within 24 hours for all other traffic control deficiencies. If this specification is not met within 4 hours of notice, the Village will take whatever action it may deem necessary to bring the traffic control within specification. If the Village corrects the deficiency, the Village will deduct \$500 plus all costs (actual and incurred) from amounts due or which may become due to the Contractor. This corrective action will in no way relieve the Contractor of its contractual requirements or responsibilities.

If the Contractor fails to restore the required traffic control and protection within the 4 hour or the 24 hour time limit, the Engineer will impose a daily monetary deduction for each 24 period (or portion thereof) the deficiency exists. This time period will begin with the time of notification to the Contractor and end with the Engineer's acceptance of the corrections. For this project, the daily deduction will be \* \_\_\_\_\_ per day.

\* The cost of the daily deduction will be calculated by dividing three percent (3%) of the awarded contract price by the number of calendar days anticipated for this project. The number of days anticipated for this project is 365. This procedure is to be followed regardless of whether the contract is based upon working days, contains a completion date, or has an incentive/disincentive clause.

701.16 Lights. Add the following:  
All traffic control devices that require illumination shall be completely operational at all times. Non-working illuminating fixtures shall be considered deficient and shall be repaired and/or replaced as indicated herein.

701.19 Method of Measurement. Delete entire section and replace with: Traffic Control and Protection will be measured on a lump sum basis.

701.20 Basis of Payment. Delete sections (a), (b), (c), (d), (e), (f), and (g) and add the following: No compensation for any delays that may be caused to the Contractor in complying with this special provision shall be made. This work will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, less amounts deducted for non-compliance with this special provision.

**BDE SPECIAL PROVISIONS**  
For the April 25 and June 13, 2008 Lettings

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

File Name #	Special Provision Title	Effective	Revised
80099 1	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2007
80186 2	Alkali-Silica Reaction for Cast-In-Place Concrete	Aug. 1, 2007	Jan. 1, 2007
80108 3	Asbestos Bearing Pad Removal	Nov. 1, 2003	Jan. 2, 2007
72541 4	Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt	June 1, 1989	Jan. 2, 2007
80192 5	Automated Flagger Assistance Device	Jan. 1, 2008	
80173 6	Bituminous Materials Cost Adjustments	Jan. 1, 2008	Jan. 2, 2007
50261 7	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	Jan. 1, 2007
50481 8	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	Jan. 1, 2007
50491 9	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	Jan. 1, 2007
50531 10	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	Jan. 1, 2007
80166 11	Cement	Jan. 1, 2007	Nov. 1, 2007
80198 12	Completion Date (via calendar days)	April 1, 2008	
80199 13	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80193 14	Concrete Barrier	Jan. 1, 2008	
80177 15	Digital Terrain Modeling for Earthwork Calculations	April 1, 2007	
80029 16	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 1, 2007
80178 17	Dowel Bars	April 1, 2007	Jan. 1, 2008
80167 18	Electrical Service Installation - Traffic Signals	Jan. 1, 2007	
80190 19	Engineer's Field Office (Long Distance Bill)	Nov. 1, 2007	
80179 20	Engineer's Field Office Type A	April 1, 2007	
80175 21	Epoxy Pavement Markings	Jan. 1, 2007	
80189 22	Equipment Rental Rates	Jan. 1, 2007	
80180 23	Erosion and Sediment Control Deficiency Deduction	Aug. 2, 2007	Jan. 2, 2008
80169 24	High Tension Cable Median Barrier	April 1, 2007	
80194 25	HMA - Hauling on Partially Completed Full-Depth Pavement	Jan. 1, 2008	
80200 26	Hot-Mix Asphalt - Density Testing of Longitudinal Joints	April 1, 2008	
80181 27	Hot-Mix Asphalt - Field Voids in the Mineral Aggregate	April 1, 2007	April 1, 2008
80201 28	Hot-Mix Asphalt - Plant Test Frequency	April 1, 2008	
80202 29	Hot-Mix Asphalt - Transportation	April 1, 2008	
80136 30	Hot-Mix Asphalt Mixture IL-4.75	Nov. 1, 2004	Jan. 1, 2008
80195 31	Hot-Mix Asphalt Mixture IL-9.5L	Jan. 1, 2008	
80109 32	Impact Attenuators	Nov. 1, 2003	Jan. 1, 2007
80110 33	Impact Attenuators, Temporary	Nov. 1, 2003	Jan. 1, 2007
80196 34	Mast Arm Assembly and Pole	Jan. 1, 2008	
80045 35	Material Transfer Device	June 15, 1999	Jan. 1, 2007
80165 36	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2007
80082 37	Multilane Pavement Patching	Nov. 1, 2002	
80129 38	Notched Wedge Longitudinal Joint	July 1, 2004	Jan. 1, 2007
80182 39	Notification of Reduced Width	April 1, 2007	
80069 40	Organic Zinc-Rich Paint System	Nov. 1, 2001	Jan. 1, 2008
80022 41	Payments to Subcontractors	June 1, 2000	Jan. 1, 2006
80134 42	Plastic Blockouts for Guardrail	Nov. 1, 2004	Jan. 1, 2007
80119 43	Polyurea Pavement Marking	April 1, 2004	Jan. 1, 2007
80170 44	Portland Cement Concrete Plants	Jan. 1, 2007	
80171 45	Precast Handling Holes	Jan. 1, 2007	
80015 46	Public Convenience and Safety	Jan. 1, 2000	

File Name #	Special Provision Title	Effective	Revised
34261	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	Jan. 1, 2006
80172	Reclaimed Asphalt Pavement (RAP)	Jan. 1, 2007	Aug. 1, 2007
80183	Reflective Sheeting on Channelizing Devices	April 1, 2007	Jan. 1, 2007
80151	Reinforcement Bars	Nov. 1, 2005	Jan. 2, 2008
80164	Removal and Disposal of Regulated Substances	Aug. 1, 2006	Jan. 1, 2007
80184	Retroreflective Sheeting, Nonreflective Sheeting, and Translucent Overlay Film for Highway Signs	April 1, 2007	Jan. 1, 2007
80131	Seeding	July 1, 2004	Aug. 1, 2007
80152	Self-Consolidating Concrete for Cast-In-Place Construction	Nov. 1, 2005	Jan. 1, 2007
80132	Self-Consolidating Concrete for Precast Products	July 1, 2004	Jan. 1, 2007
80197	Silt Filter Fence	Jan. 1, 2008	Jan. 1, 2007
80127	Steel Cost Adjustment	April 2, 2004	April 1, 2007
80203	Steel Inserts and Brackets Cast into Concrete	April 1, 2008	April 1, 2008
80153	Steel Plate Beam Guardrail	Nov. 1, 2005	Aug. 1, 2007
80191	Stone Gradation Testing	Nov. 1, 2007	Nov. 1, 2007
80143	Subcontractor Mobilization Payments	April 2, 2005	April 1, 2007
80075	Surface Testing of Pavements	April 1, 2002	Jan. 1, 2007
80087	Temporary Erosion Control	Nov. 1, 2002	Jan. 1, 2007
80176	Thermoplastic Pavement Markings	Jan. 1, 2007	Jan. 1, 2008
80161	Traffic Signal Grounding	April 1, 2006	Jan. 1, 2007
20338	Training Special Provisions	Oct. 15, 1975	Jan. 1, 2007
80185	Type ZZ Retroreflective Sheeting, Nonreflective Sheeting, and Translucent Overlay Film for Highway Signs	April 1, 2007	April 1, 2007
80162	Uninterruptible Power Supply (UPS)	April 1, 2006	Jan. 1, 2007
80149	Variable Spaced Tining	Aug. 1, 2005	Jan. 1, 2007
80163	Water Blaster with Vacuum Recovery	April 1, 2006	Jan. 1, 2007
80071	Working Days	Jan. 1, 2002	Jan. 1, 2007
80204	Woven Wire Fence	April 1, 2008	April 1, 2008

The following special provisions have been deleted from use:

80187 Legal Requirements to be Observed

The following special provisions are in the 2008 Supplemental Specifications and Recurring Special Provisions:

File Name	Special Provision Title	New Location	Effective	Revised
80168	Errata for the 2007 Standard Specifications	Supplemental	Jan. 1, 2007	Aug. 1, 2007
80142	Hot-Mix Asphalt Equipment, Spreading and Finishing Machine	Article 1102.03	Jan. 1, 2005	Jan. 1, 2007
80148	Planting Woody Plants	Section 253	Jan. 1, 2006	Jan. 1, 2007
80160	Reflective Crack Control Treatment	Section 443, Article 1062.04	April 1, 2006	Jan. 1, 2007
80154	Turf Reinforcement Mat	Section 251	Nov. 1, 2005	Jan. 1, 2007

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- 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

**CEMENT (BDE)**

Effective: January 1, 2007  
Revised: November 1, 2007

Revise Section 1001 of the Standard Specifications to read:

**"SECTION 1001. CEMENT**

**1001.01 Cement Types.** Cement shall be according to the following.

(a) Portland Cement. Acceptance of portland cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland cement shall be according to ASTM C 150, and shall meet the standard physical and chemical requirements. Type I or Type II may be used for cast-in-place, precast, and precast prestressed concrete. Type III may be used according to Article 1020.04, or when approved by the Engineer. All other cements referenced in ASTM C 150 may be used when approved by the Engineer.

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement and the total of all inorganic processing additions shall be a maximum of 4.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids that improve the flowability of cement, reduce pack set, and improve grinding efficiency. Inorganic processing additions shall be limited to granulated blast-furnace slag according to the chemical requirements of AASHTO M 302 and Class C fly ash according to the chemical requirements of AASHTO M 295.

(b) Portland-Pozzolan Cement. Acceptance of portland-pozzolan cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland-pozzolan cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IP or (IPM) may be used for cast-in-place, precast, and precast prestressed concrete, except when Class FP concrete is used. The pozzolan constituent for Type IP shall be a maximum of 21 percent of the weight (mass) of the portland-pozzolan cement. All other cements referenced in ASTM C 595 may be used when approved by the Engineer.

For cast-in-place construction, portland-pozzolan cements shall not be used in concrete mixtures when the air temperature is below 40°F (4°C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-

reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall not be used.

(c) Portland Blast-Furnace Slag Cement. Acceptance of portland blast-furnace slag cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland blast-furnace slag cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type I(SM) slag-modified portland cement may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PF concrete is used. All other cements referenced in ASTM C 595 may be used when approved by the Engineer.

For cast-in-place construction, portland blast-furnace slag cements shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall not be used.

(d) Rapid Hardening Cement. Rapid hardening cement shall be used according to Article 1020.04 or when approved by the Engineer. The cement shall be on the Department's current "Approved List of Packaged, Dry, Rapid Hardening Cementitious Materials for Concrete Repairs", and shall be according to the following.

(1) The cement shall have a maximum final set of 25 minutes, according to Illinois Modified ASTM C 191.

(2) The cement shall have a minimum compressive strength of 2000 psi (13,800 kPa) at 3.0 hours, and 4000 psi (27,600 kPa) at 24.0 hours, according to Illinois Modified ASTM C 109.

(3) The cement shall have a maximum drying shrinkage of 0.050 percent at seven days, according to Illinois Modified ASTM C 596.

(4) The cement shall have a maximum expansion of 0.020 percent at 14 days, according to Illinois Modified ASTM C 1038.

(5) The cement shall have a minimum 80 percent relative dynamic modulus of elasticity; and shall not have a weight (mass) gain in excess of 0.15 percent or a weight (mass) loss in excess of 1.0 percent, after 100 cycles, according to Illinois Modified AASHTO T 161, Procedure B. At 100 cycles, the specimens are measured and weighed at 73 °F (23 °C).

(e) Calcium Aluminate Cement. Calcium aluminate cement shall be used when specified by the Engineer. The cement shall meet the standard physical requirements for Type 1 cement according to ASTM C 150, except the time of setting shall not apply. The chemical requirements shall be determined according to ASTM C 114 and shall be as follows: minimum 38 percent aluminum oxide ( $Al_2O_3$ ), maximum 42 percent calcium oxide (CaO), maximum 1 percent magnesium oxide (MgO), maximum 0.4 percent sulfur trioxide ( $SO_3$ ), maximum 1 percent loss on ignition, and maximum 3.5 percent insoluble residue.

**1001.02 Uniformity of Color.** Cement contained in single loads or in shipments of several loads to the same project shall not have visible differences in color.

**1001.03 Mixing Brands and Types.** Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall not be mixed or used alternately in the same item of construction unless approved by the Engineer.

**1001.04 Storage.** Cement shall be stored and protected against damage, such as dampness which may cause partial set or hardened lumps. Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall be kept separate."



**DOWEL BARS (BDE)**

Effective: April 1, 2007  
Revised: January 1, 2008

Revise the fifth and sixth sentences of Article 1006.11(b) of the Standard Specifications to read:

"The bars shall be epoxy coated according to AASHTO M 284, except the thickness of the epoxy shall be 7 to 12 mils (0.18 to 0.30 mm) and patching of the ends will not be required. The epoxy coating applicator shall be certified according to the current Bureau of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list."

## PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: June 1, 2000

Revised: January 1, 2006

Federal regulations found at 49 CFR §26.29 mandate the Department to establish a contract clause to require Contractors to pay subcontractors for satisfactory performance of their subcontract and to set the time for such payments.

State law also addresses the timing of payments to be made to subcontractors and material suppliers. Section 7 of the Prompt Payment Act, 30 ILCS 540/7, requires that when a Contractor receives any payment from the Department, the Contractor shall make corresponding, proportional payments to each subcontractor and material supplier performing work or supplying material within 15 calendar days after receipt of the Department payment. Section 7 of the Act further provides that interest in the amount of two percent per month, in addition to the payment due, shall be paid to any subcontractor or material supplier by the Contractor if the payment required by the Act is withheld or delayed without reasonable cause. The Act also provides that the time for payment required and the calculation of any interest due applies to transactions between subcontractors and lower-tier subcontractors and material suppliers throughout the contracting chain.

This Special Provision establishes the required federal contract clause, and adopts the 15 calendar day requirement of the State Prompt Payment Act for purposes of compliance with the federal regulation regarding payments to subcontractors. This contract is subject to the following payment obligations.

When progress payments are made to the Contractor according to Article 109.07 of the Standard Specifications, the Contractor shall make a corresponding payment to each subcontractor and material supplier in proportion to the work satisfactorily completed by each subcontractor and for the material supplied to perform any work of the contract. The subcontractor amount of partial payment due to each subcontractor and material supplier throughout the contracting chain shall be determined by the quantities measured or otherwise determined as eligible for payment by the Department and included in the progress payment to the Contractor. Subcontractors and material suppliers shall be paid by the Contractor within 15 calendar days after the receipt of payment from the Department. The Contractor shall not hold retainage from the subcontractors. These obligations shall also apply to any payments made by subcontractors and material suppliers to their subcontractors and material suppliers throughout the contracting chain. Any payment or portion of a payment subject to this provision may only be withheld from the subcontractor or material supplier to whom it is due for reasonable cause.

This Special Provision does not create any rights in favor of any subcontractor or material supplier against the State or authorize any cause of action against the State on account of any payment, nonpayment, delayed payment, or interest claimed by application of the State Prompt Payment Act. The Department will not approve any delay or postponement of the 15 day requirement except for reasonable cause shown after notice and hearing pursuant to Section

7(b) of the State Prompt Payment Act. State law creates other and additional remedies available to any subcontractor or material supplier, regardless of tier, who has not been paid for work properly performed or material furnished. These remedies are a lien against public funds set forth in Section 23(c) of the Mechanics Lien Act, 770 ILCS 60/23(c), and a recovery on the Contractor's payment bond according to the Public Construction Bond Act, 30 ILCS 550.

80022

## REINFORCEMENT BARS (BDE)

Effective: November 1, 2005  
Revised: January 2, 2008

Revise Article 1006.10(a) of the Standard Specifications to read:

" (a) Reinforcement Bars. Reinforcement bars will be accepted according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reinforcement Bar and/or Dowel Bar Plant Certification Procedure". The Department will maintain an approved list of producers.

(1) Reinforcement Bars (Non-Coated). Reinforcement bars shall be according to ASTM A 706 (A 706M), Grade 60 (420) for deformed bars and the following.

a. For straight bars furnished in cut lengths and with a well-defined yield point, the yield point shall be determined as the elastic peak load, identified by a half or arrest of the load indicator before plastic flow is sustained by the bar and dividing it by the nominal cross-sectional area of the bar.

b. For bars without a well-defined yield point, including bars straightened from coils, the yield strength shall be determined by taking the corresponding load at 0.005 strain as measured by an extensometer (0.5% elongation under load) and dividing it by the nominal cross-sectional area of the bar.

c. For bars straightened from coils or bars bent from fabrication, there shall be no upper limit on yield strength; and for bar designation Nos. 3 - 6 (10 - 19), the elongation after rupture shall be at least 9%.

d. Heat Numbers. Bundles or bars at the construction site shall be marked or tagged with heat identification numbers of the bar producer.

e. Guided Bend Test. Bars may be subject to a guided bend test across two pins which are free to rotate, where the bending force shall be centrally applied with a fixed or rotating pin of a certain diameter as specified in Table 3 of ASTM A 706 (A 706M). The dimensions and clearances of this guided bend test shall be according to ASTM E 190.

f. Spiral Reinforcement. Spiral reinforcement shall be deformed or plain bars conforming to the above requirements or cold-drawn steel wire conforming to AASHTO M 32.

(2) Epoxy Coated Reinforcement Bars. Epoxy coated reinforcement bars shall be according to Article 1006.10(a)(1) and shall be epoxy coated according to AASHTO M 284 (M 284M) and the following.

a. Certification. The epoxy coating applicator shall be certified according to the current Bureau of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list.

b. Coating Thickness. The thickness of the epoxy coating shall be 7 to 12 mils (0.18 to 0.30 mm). When spiral reinforcement is coated after fabrication, the thickness of the epoxy coating shall be 7 to 20 mils (0.18 to 0.50 mm).

c. Cutting Reinforcement. Reinforcement bars may be sheared or sawn to length after coating, providing the end damage to the coating does not extend more than 0.5 in. (13 mm) back and the cut is patched before any visible rusting appears. Flame cutting will not be permitted."

# Du Page County Prevailing Wage for April 2008

Trade Name	RG	TYP	C	Base	FRMAN	*M-F	>8	OSA	OSH	H/W	Pensns	Vac	Trng
ASBESTOS ABT-GEN	ALL			33.150	33.650	1.5		1.5	2.0	7.970	5.680	0.000	0.220
ASBESTOS ABT-MEC	BLD			26.180	27.930	1.5		1.5	2.0	8.760	6.410	0.000	0.310
BOILERMAKER	BLD			39.450	43.000	2.0		2.0	2.0	6.720	8.490	0.000	0.300
BRICK MASON	BLD			36.430	40.070	1.5		1.5	2.0	7.700	8.770	0.000	0.440
CARPENTER	ALL			37.770	39.770	1.5		1.5	2.0	8.960	6.910	0.000	0.490
CEMENT MASON	ALL			36.000	38.000	2.0		1.5	2.0	6.950	10.95	0.000	0.180
CERAMIC TILE FINISHER	BLD			30.150	0.000	1.5		1.5	2.0	5.850	6.600	0.000	0.340
COMMUNICATION TECH	BLD			31.000	33.100	1.5		1.5	2.0	7.300	11.11	0.000	0.470
ELECTRIC PWR BOMT OP	ALL			29.180	37.490	1.5		1.5	2.0	4.750	8.180	0.000	0.220
ELECTRIC PWR GRNDMAN	ALL			22.610	37.490	1.5		1.5	2.0	4.750	6.330	0.000	0.170
ELECTRIC PWR TRK DRV	ALL			23.350	37.490	1.5		1.5	2.0	4.750	9.720	0.000	0.260
ELECTRICIAN	BLD			34.250	37.680	1.5		1.5	2.0	8.300	13.15	3.770	0.510
ELEVATOR CONSTRUCTOR	BLD			43.925	49.420	2.0		2.0	2.0	8.775	6.960	2.640	0.000
FENCE ERECTOR	NE ALL			28.640	30.140	1.5		1.5	2.0	7.750	5.970	0.000	0.350
FENCE ERECTOR	W ALL			38.120	40.030	2.0		2.0	2.0	8.140	14.49	0.000	0.230
GLAZIER	BLD			33.000	34.500	1.5		2.0	2.0	6.740	10.15	0.000	0.600
HT/FROST INSULATOR	BLD			37.400	39.150	1.5		1.5	2.0	8.760	10.11	0.000	0.310
IRON WORKER	E ALL			39.250	41.250	2.0		2.0	2.0	9.950	12.74	0.000	0.300
IRON WORKER	W ALL			38.120	40.030	2.0		2.0	2.0	8.140	14.49	0.000	0.230
LABORER	ALL			33.150	33.900	1.5		1.5	2.0	7.970	5.680	0.000	0.220
LATHER	BLD			37.770	39.770	1.5		1.5	2.0	8.960	6.910	0.000	0.490
MACHINIST	BLD			38.390	40.390	2.0		2.0	2.0	4.880	6.550	2.650	0.000
MARBLE FINISHERS	ALL			27.680	0.000	1.5		1.5	2.0	7.520	8.770	0.000	0.440
MARBLE MASON	BLD			36.430	40.070	1.5		1.5	2.0	7.700	8.770	0.000	0.440
MATERIAL TESTER I	ALL			23.150	0.000	1.5		1.5	2.0	7.970	5.680	0.000	0.220
MATERIALS TESTER II	ALL			28.150	0.000	1.5		1.5	2.0	7.970	5.680	0.000	0.220
MILLWRIGHT	ALL			37.770	39.770	1.5		1.5	2.0	8.960	6.910	0.000	0.490
OPERATING ENGINEER	BLD 1			41.550	45.550	2.0		2.0	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	BLD 2			40.250	45.550	2.0		2.0	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	BLD 3			37.700	45.550	2.0		2.0	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	BLD 4			35.950	45.550	2.0		2.0	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	HMY 1			39.750	43.750	1.5		1.5	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	HMY 2			39.200	43.750	1.5		1.5	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	HMY 3			37.150	43.750	1.5		1.5	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	HMY 4			35.750	43.750	1.5		1.5	2.0	6.850	5.600	1.900	0.700
OPERATING ENGINEER	HMY 5			34.550	43.750	1.5		1.5	2.0	6.850	5.600	1.900	0.700
ORNAMNTL IRON WORKER E	ALL			37.350	39.600	2.0		2.0	2.0	7.750	12.09	0.000	0.500
ORNAMNTL IRON WORKER W	ALL			38.120	40.030	2.0		2.0	2.0	8.140	14.49	0.000	0.230
PAINTER	ALL			35.330	36.330	1.5		1.5	1.5	6.400	6.500	0.000	0.500
PAINTER SIGNS	BLD			28.970	32.520	1.5		1.5	1.5	2.600	2.310	0.000	0.000
PILBDRIVER	ALL			37.770	39.770	1.5		1.5	2.0	8.960	6.910	0.000	0.490
PIPEFITTER	BLD			37.260	39.260	1.5		1.5	2.0	8.950	9.990	0.000	1.000
PLASTERER	BLD			32.000	33.500	1.5		1.5	2.0	6.450	6.770	0.000	0.570
PLUMBER	BLD			37.260	39.260	1.5		1.5	2.0	8.950	9.990	0.000	1.000
ROOFER	BLD			35.000	38.000	1.5		1.5	2.0	6.800	3.870	0.000	0.330
SHEETMETAL WORKER	BLD			38.210	40.210	1.5		1.5	2.0	7.300	8.870	0.000	0.640
SPRINKLER FITTER	BLD			40.500	42.500	1.5		1.5	2.0	8.500	6.850	0.000	0.500
STEEL ERECTOR	E ALL			36.250	37.750	2.0		2.0	2.0	8.970	10.77	0.000	0.300
STEEL ERECTOR	W ALL			38.120	40.030	2.0		2.0	2.0	8.140	14.49	0.000	0.230
STONE MASON	BLD			36.430	40.070	1.5		1.5	2.0	7.700	8.770	0.000	0.440
TERRAZZO FINISHER	BLD			31.810	0.000	1.5		1.5	2.0	5.850	9.200	0.000	0.280
TERRAZZO MASON	BLD			35.390	38.390	1.5		1.5	2.0	5.850	10.05	0.000	0.320
TILE MASON	BLD			36.630	40.630	1.5		1.5	2.0	5.850	7.850	0.000	0.480

TRAFFIC SAFETY WRKR	Hwy	24.300	25.900	1.5	1.5	2.0	3.780	1.875	0.000	0.000
TRUCK DRIVER	ALT 1	30.950	31.500	1.5	1.5	2.0	6.500	3.950	0.000	0.150
TRUCK DRIVER	ALT 2	31.100	31.500	1.5	1.5	2.0	6.500	3.950	0.000	0.150
TRUCK DRIVER	ALT 3	31.300	31.500	1.5	1.5	2.0	6.500	3.950	0.000	0.150
TRUCK DRIVER	ALT 4	31.500	31.500	1.5	1.5	2.0	6.500	3.950	0.000	0.150
TUCKPOINTER	BLD	36.900	37.900	1.5	1.5	2.0	5.910	8.350	0.000	0.400

Legend:

M-P-8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday.  
 OSA (Overtime is required for every hour worked on Saturday)  
 OSH (Overtime is required for every hour worked on Sunday and Holidays)  
 H/W (Health & Welfare Insurance)  
 Pension (Pension)  
 Vac (Vacation)  
 Trng (Training)

# Explanations

DUPAGE COUNTY

IRON WORKERS AND FENCE ERECTOR (WEST) - West of Route 53.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial/Decoration Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration such as the day after Thanksgiving for Veterans Day. If in doubt, please check with IDOL.

## EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.  
 ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

TRAFFIC SAFETY - work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

## CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor

surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic tile finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Low voltage installation, maintenance and removal of telecommunication facilities (voice, data and video) including telephone and data inside wire, interconnect, terminal equipment, central offices, PBX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all tiling for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molder plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and experimentors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers, treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.



MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and asphalt batch plants; adjusting proportions of bituminous mixtures.

#### TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three axle trucks. A-frame truck when used for transportation purposes; Air compressors and welding machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch gate lockers; Batch hopperman; Car and Truck washers; Carry-alls; Fork lifts and hoisters; Helpers; Mechanics and greasers; Oil distributors 2-man operation; Pavement breakers; Pole trailer, up to 40 feet; Power Mower Tractors; Self-propelled chip spreader; Skipman; Slurry trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters, unskilled dumpman; and Truck drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Truck Trucks, Bucklids, Hug Bottom Dump Turnapulls or Turnatralers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Truck Trucks, Bucklids, Hug Bottom Dump Turnatralers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material; Trucks; Mixer Trucks 7 yards or over; Mobile cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

#### OPERATING ENGINEERS - BUILDING

Class 1. Mechanic; Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson attachment; Batch Plant; Benoto; Boiler and Throttle Valve; Caisson Rigs; Central Red-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar type); Cretor Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Highlift Shovels or Front End-loader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, one, two and three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes; Squeeze Cretes-screw Type Pumps; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form

Paver; Straddle Buggies; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Bolters; Broom; All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor; Portable; Forlift Trucks;

Greaser Engineer; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Freight Elevators; Hoists,

Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (self-propelled); Rock Drill (truck mounted); Rollers, All;

Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat

and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 Manual Controlled); Hydraulic Power Units (Pile Driving, Extracting,

It.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 small Electric Drill Winches; Bobcat (up to and including 3/4 cu.

yd.).

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Craft Foreman; Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarifier; Asphalt Spreader;

Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson attachment; Ballast Regulator; Belt Loader; Caisson

Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with

attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube

Float; Cranes, all attachments; Cranes, Hammerhead, Linden, Peco & Machines of a like nature; Crete Crane; Crusher, Stone, etc.;

Derricks, All; Derrick Boats; Derricks, Traveling; Dowell machine with Air Compressor; Dredges; Field Mechanic-Welder; Formless Curb and

Gutter Machine; Gradall and Machines of a like nature; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form

Grader, Pull Grader, Subgrader; Guard Rail Post Driver Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Backhoes with

shear attachments; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid

Rig; Rock Drill - Truck Mounted; Roto Mill Grinder; Slip-Form Paver; Rig; Rock Drill (Truck Mounted); Straddle Buggies; Hydraulic

Solid Test Drill Rig (Tractor Drawn Belt Loader (with attached Telescoping Form (Tunnel); Tractor with Boom; Tractaire with

pusher - two engines); Tractor with Boom; Truck Mounted Concrete Pump with Boom; Attachments; Trenching Machine; Truck Mounted Concrete Pump with Boom;

Raised or Blind Hole; Drills (Tunnel Shaft); Underground Boring and/or Mining Machines; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader; Trailing Conveyors; Combination Backhoe Front

Endloader Machine (less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common

Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu.

ft.; Concrete Spreader; Concrete Cutting Machine, Burlap Machine, Belling Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck

Cars (Haglund or similar type); Drills, All; Finishing Machine -

Concrete; greaser Engineer; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; All Locomotives; Dinky; Pump Cretes; Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Roller; Asphalt; Rotary Snow Blows; Rototiller; Seaman, etc.; self-propelled; scoops - Tractor Drawn; Self-propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of size); Tank Car Heater; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms; All power propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Fireman on Boilers; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Deep Diggers; Pipe Lacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamber - Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters; Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractore; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Bobcats (all); Brick Forklifts, Others.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, gROUTING, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 618/993-7271 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscaper plantsman and landscaper laborer is covered by the existing classification of laborer. The work performed by landscaper operators

(regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.



ADJUSTMENT ITEMS	EX	PR
Structure To Be Adjusted		
Structure To Be Cleaned		
Structure To Be Filled		
Structure To Be Removed		
Structure To Be Reconstructed		
Frame and Grate To Be Adjusted		
Frame and Lid To Be Adjusted		
Domestic Service Box To Be Adjusted		
Valve Vault To Be Adjusted		
Special Adjustment		
Item To Be Abandoned		
Item To Be Moved		
Item To Be Relocated		
Pavement Removal and Replacement		

ALIGNMENT ITEMS	EX	PR
Baseline		
Centerline		
Centerline Break Circle		
Baseline Symbol		
Centerline Symbol		
PI Indicator		
Point Indicator		
Horitz Curve Data		
	$\Delta$ P.I. STA=	$\Delta$ P.I. STA=
	$\Delta$ CURVE	$\Delta$ CURVE
	$\Delta$ T.R.=	$\Delta$ T.R.=
	$\Delta$ R=	$\Delta$ R=
	$\Delta$ L=	$\Delta$ L=
	$\Delta$ E=	$\Delta$ E=
	$\Delta$ S.E. RUN=	$\Delta$ S.E. RUN=
	$\Delta$ P.C. STA=	$\Delta$ P.C. STA=
	$\Delta$ P.T. STA=	$\Delta$ P.T. STA=
<b>BOUNDARIES ITEMS</b>	<b>EX</b>	<b>PR</b>
Dashed Property Line		
Solid Property/Lot Line		
Section/Grant Line		
County/Township Line		
State Line		
Iron Pipe Found		
Iron Pipe Set		
Survey Marker		
Property Line Symbol		
Same Ownership Symbol		
Northwest Quarter Corner		
Section Corner		
Southeast Quarter Corner		

CONTOUR ITEMS	EX	PR
Approx. Index Line		
Approx. Intermediate Line		
Index Contour		
Intermediate Contour		
Slope Limit Line		
<b>DRAINAGE ITEMS</b>	<b>EX</b>	<b>PR</b>
Culvert Line		
Ditch Profile Line		
Grading & Shaping Ditches		
Drainage Boundary Line		
Paved Ditch		
Aggregate Ditch		
Flowline		
Ditch Check		
Headwall		
Inlet		
Manhole		
Summit		
Roadway Ditch Flow		
Sewer		
Catch Basin		
Culvert End Section		
Water Surface Indicator		
Riprap		

STANDARD SYMBOLS,  
ABBREVIATIONS  
AND PATTERNS  
Sheet 2 of 31  
STANDARD 000001-04

Official Department of Transportation  
 PASSED: [Signature] January 1, 2002  
 ENGINEER OF PUBLIC WORKS  
 APPROVED: [Signature] January 1, 2002  
 SUPERVISOR OF DESIGN AND CONSTRUCTION  
 15450 1-1-91



**LIGHTING**  
(CONT.)

EX	PR

**PAVEMENT (MISC.)**

EX	PR

**PAVEMENT MARKINGS**

EX	PR

State Department of Transportation  
 DIVISION OF HIGHWAYS  
 PROJECT: 2007 L 1002  
 SHEET: 4-10

STANDARD SYMBOLS,  
 ABBREVIATIONS  
 AND PATTERNS  
 (Sheet 4 of 8)  
 STANDARD 00001-04



**PAVEMENT MARKINGS**  
( CONT. )

	EX	PR
Urban Combination Left Only		
Urban Combination Right Only		
Urban Left Turn Arrow		
Urban Right Turn Arrow		
Urban Left Turn Only		
Urban Right Turn Only		
Urban Thru Only		
Rural Combination Left Only		
Rural Combination Right Only		
Rural Left Turn Arrow		
Rural Right Turn Arrow		
Rural Left Turn Only		
Rural Right Turn Only		
Rural Thru Only		

**RAILROAD ITEMS**

	EX	PR
Abandoned Railroad		
Railroad		
Railroad Point		
Control Box		
Crossing Gate		
Flashing Signal		
Railroad Cont. Mast Arm		
Crossbuck		
<b>REMOVAL ITEMS</b>	EX	PR
Removal Tie		
Bituminous Removal		
Hatch Pattern		
<b>RIGHT-OF-WAY ITEMS</b>	EX	PR
Future ROW Corner Monument		
ROW Marker		
ROW Line		
Easement		
Temporary Easement		

STANDARD SYMBOLS,  
ABBREVIATIONS  
AND PATTERNS  
Sheet 5 of 81

STANDARD 000001-04

ISSUED 1-1-71

DESIGNED BY: *[Signature]*

CHECKED BY: *[Signature]*

APPROVED BY: *[Signature]*

PROJECT: *[Project Name]*

DATE: *[Date]*

SCALE: 1-1/2"

INTEGRAL TO SPECIFICATIONS AND DRAWINGS

ROADWAY PLAN ITEMS	EX	PR
Edge of Pavement	---	---
Bit Shoulders, Medians and C&G Line	---	---
Aggregate Shoulder	---	---
Stairways, Driveways	---	---
Guard-rail	o	h
Guard-rail Post	h	h
Traffic Sign		
Corrugated Median		

SIGNING ITEMS (cont.)	EX	PR
Barricade Type III		
Barricade with Edge Line		
Flashing Light Sign		
Panels I		
Panels II		
Sign Flag		
Direction of Traffic		
Detour W4-10L-101		
Detour W4-10R-101		
One Way Left RS-1L		
One Way Right RS-1R		
One Way Arrow Lrg. W1-6-101		
Two Way Arrow Large W1-7-101		
Reverse Left W1-4L		
Reverse Right W1-4R		
Two Way Traffic Sign W6-3		

SIGNING ITEMS (cont.)	EX	PR
Detour Ahead W20-2		
Left Lane Closed Ahead		
Road Closed Ahead W20-R-101		
Road Closed Ahead W20-3-101		
Road Construction Ahead W20-1-101		
Single Lane Ahead		
Transition Left W4-2L		
Transition Right W4-2R		

STANDARD SYMBOLS,  
ABBREVIATIONS  
AND PATTERNS  
Sheet 5 of 21  
STANDARD 60009-04

Florida Department of Transportation  
SECTION 1-1-91  
PROJECT 1-1-91

**SIGNING ITEMS**  
(CONT.)

Left Turn Lane R3-1100L	EX	
Keep Left RA-7AL	PR	
Keep Left RA-7BL	PR	
Keep Right RA-7AR	PR	
Keep Right RA-7BR	PR	
Stop Here On Red R10-6-AL	PR	
Stop Here On Red R10-6-AR	PR	
No Left Turn R3-2	PR	
No Right Turn R3-1	PR	
Road Closed R11-2	PR	
Road Closed Thru Traffic R11-2	PR	

**TRAFFIC SHEET ITEMS**

Cable Number	EX		PR	
Left Turn Green	EX		PR	
Left Turn Yellow	EX		PR	
Signal Backplate	EX		PR	
Signal Section 200 mm (8")	EX		PR	
Signal Section 300 mm (12")	EX		PR	
Walk/Don't Walk Letters	EX		PR	
Walk/Don't Walk Symbols	EX		PR	

**TRAFFIC SIGNAL ITEMS**

Cable, Steel Conduit	EX		PR	
Underground Cable	EX		PR	
Detector Loop Line	EX		PR	
Detector Loop Large	EX		PR	
Detector Loop Small	EX		PR	
Detector Loop Quad-pole	EX		PR	
Detector Raceway	EX		PR	
Aluminum Mast Arm	EX		PR	
Steel Mast Arm	EX		PR	
Veh. Detector Magnetic	EX		PR	

**TRAFFIC SIGNAL ITEMS (CONT.)**

Conduit Splice	EX		PR	
Controller	EX		PR	
Gutbox Junction	EX		PR	
Wood Pole	EX		PR	
Temp. Signal Head	EX		PR	
Handhole	EX		PR	
Heavy Duty Handhole	EX		PR	
Junction Box	EX		PR	
Pad, Pushbutton Detector	EX		PR	
Pad, Signal Head	EX		PR	
Power Pole Service	EX		PR	
Priority Veh. Detector	EX		PR	
Signal Head	EX		PR	
Signal Head w/Backplate	EX		PR	
Signal Post	EX		PR	

**UNDERGROUND UTILITY ITEMS**

Cable TV	EX		PR	
Electric Cable	EX		PR	
Fiber Optic	EX		PR	
Gas Pipe	EX		PR	
Oil Pipe	EX		PR	
Pipe Under-drain	EX		PR	

STANDARD SYMBOLS,  
ABBREVIATIONS  
AND PATTERNS  
Sheet 1 of 81

STANDARD 000001-04

Issue Department of Transportation  
 DATE: 10/1/81  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]  
 PROJECT: [Blank]  
 SHEET NO. 1 OF 81

**UNDERGROUND  
UTILITY ITEMS  
(CONT.)**

	EX	PR
Sanitary Sewer		
Storm Sewer		
Telephone Cable		
Water Pipe		

**UTILITIES ITEMS**

	EX	PR
Controller		
Double Handhole		
Fire Hydrant		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Power Pole		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		
Traffic Signal		
Water Meter Valve Box		

**VEGETATION ITEMS**

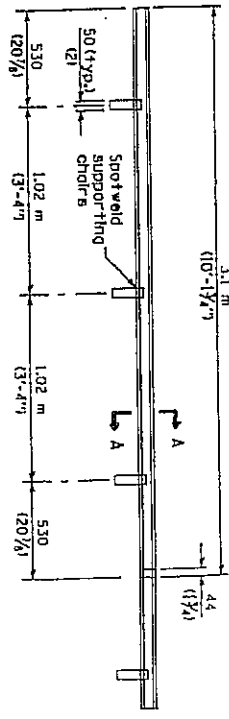
	EX	PR
Deciduous Trees		
Bush		
Evergreen Trees		
Stump		
Vegetation Line		
Woods & Bush Line		

**WATER FEATURE  
ITEMS**

	EX	PR
Stream or Drainage Ditch		
Water's Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		

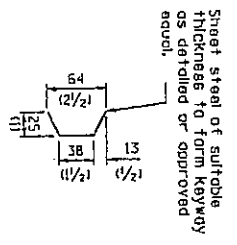
FEDERAL HIGHWAY ADMINISTRATION  
 WASHINGTON, D.C. 20590  
 SHEET NO. 11 OF 11  
 DATE 11/11/81

**STANDARD SYMBOLS,  
ABBREVIATIONS  
AND PATTERNS**  
 SHEET 8 OF 81  
**STANDARD 000001-04**

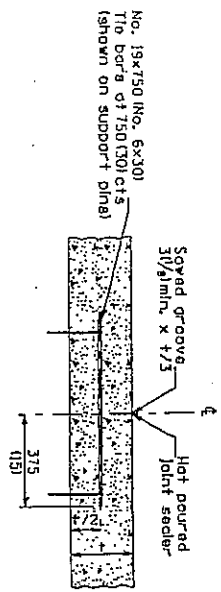


TYPE C METAL JOINT

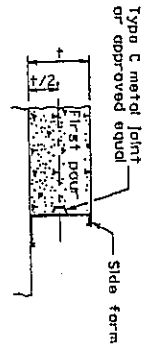
SECTION A-A



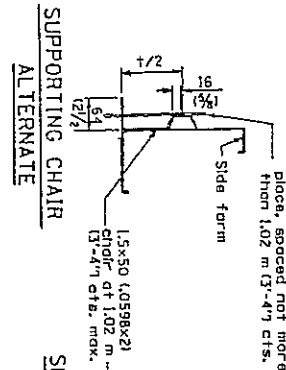
Sheet steel of suitable thickness to form keyway as detailed or approved equal.



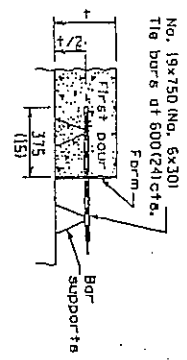
LONGITUDINAL SAWED JOINT



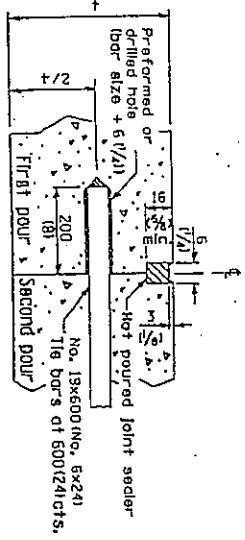
LONGITUDINAL KEYPED JOINT



SUPPORTING CHAIR ALTERNATE



LONGITUDINAL CONSTRUCTION JOINT (TIE BAR FORMED IN PLACE)



LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE)

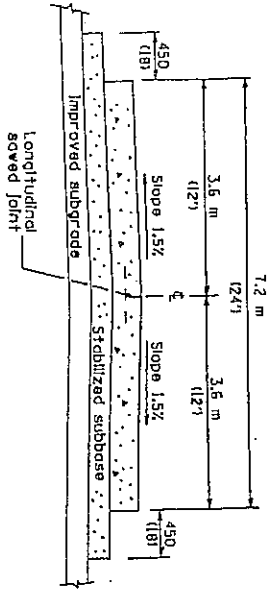
**GENERAL NOTES**  
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).  
 All dimensions are in millimeters (inches) unless otherwise shown.

Approved Department of Transportation  
 ROAD 1-1-71

DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]  
 DATE: [Date]

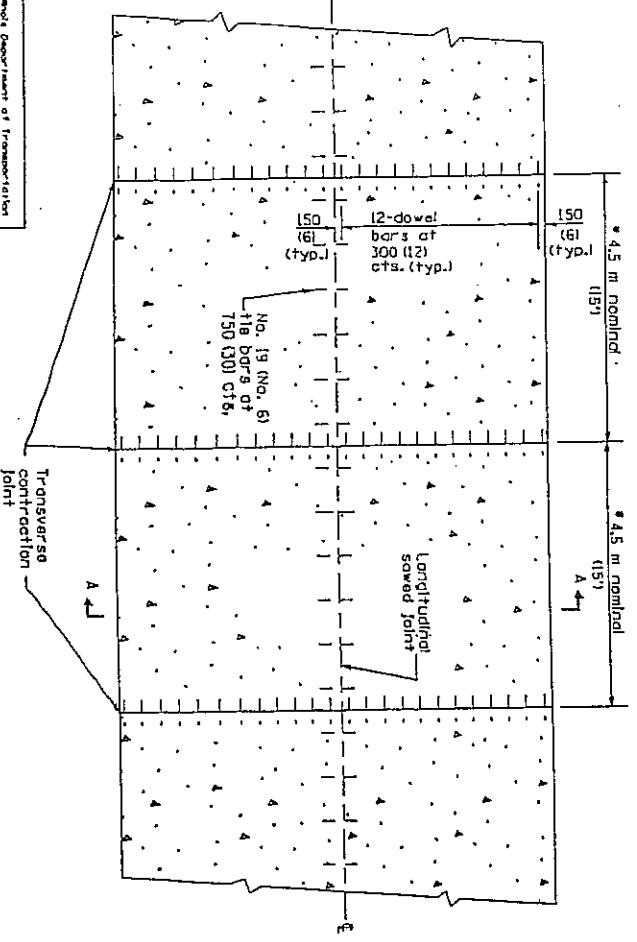
DATE	REVISIONS	PAVEMENT JOINTS
B-1-05	added supports to long, corner, 1, and revised	STANDARD 420001-06 (Sheet 1 of 2)
I-1-04	Rev. expansion joint and minor corrections to other joints.	





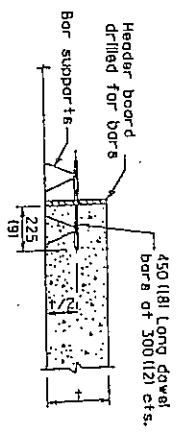
**SECTION A-A**  
TYPICAL 2-LANE WITH SHOULDERS

The 4.5 m (151) dimension should be adjusted to 3.6 m (122) if the existing PCC pavement structure to existing PCC pavement structure so that the joints are in production.

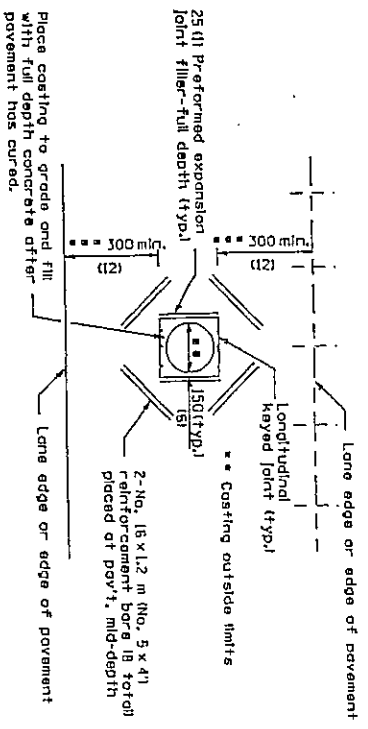


**PLAN**

DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT NO.	1-1-1



**TRANSVERSE CONSTRUCTION JOINT**



**DETAIL OF ADDED REINFORCEMENT FOR PAVEMENT BLOCKS-OUTS**

**GENERAL NOTES**

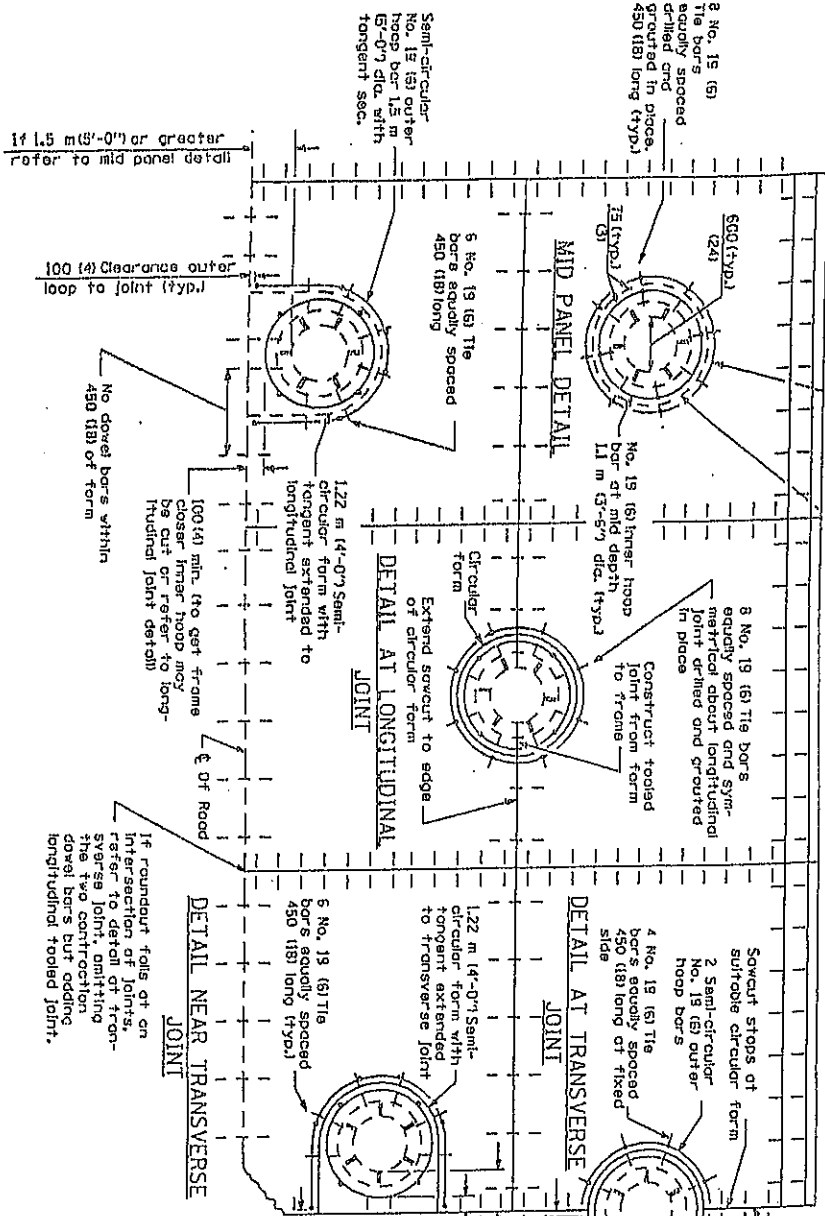
See Standard 420001 for details of joints as shown.  
All dimensions are in millimeters (inches) unless otherwise shown.

\*\*\* When the 300 (12) minimum cannot be achieved, the transverse joints shall be extended to either the longitudinal joint or edge of pavement.

DATE	REVISIONS
8-1-05	Added "Stabilized" to subbase and bar supports to const'r. It.
1-1-04	Minor corrections of joint information.

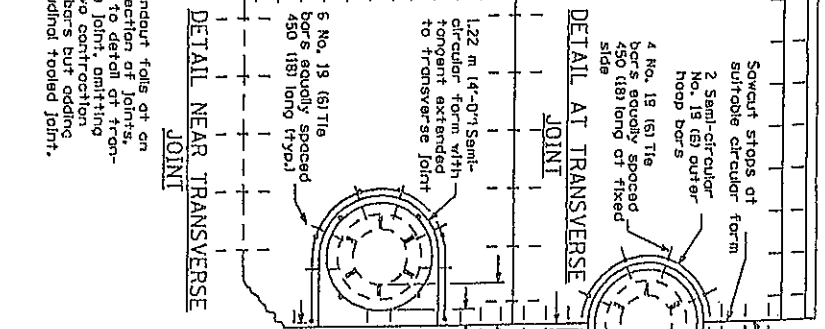
**7.2 m (24') JOINTED PCC PAVEMENT**  
**STANDARD 420101-03**

**DETAIL NEAR LONGITUDINAL JOINT**

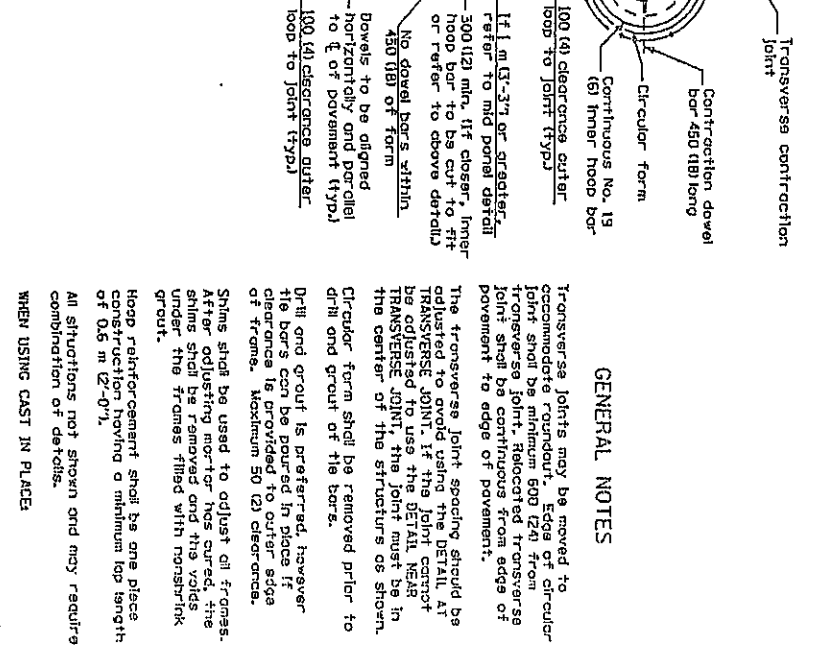


Verticals 3.6 m (12'-0") to 5.4 m (18'-0") (typ.)  
 Circular form 122 m (4'-0") dia. to be removed before concrete added.  
 Verticals 3.6 m (12'-0") to 5.4 m (18'-0") (typ.)  
 Verticals 3.6 m (12'-0") to 5.4 m (18'-0") (typ.)

**DETAIL AT LONGITUDINAL JOINT**



**DETAIL NEAR TRANSVERSE JOINT**



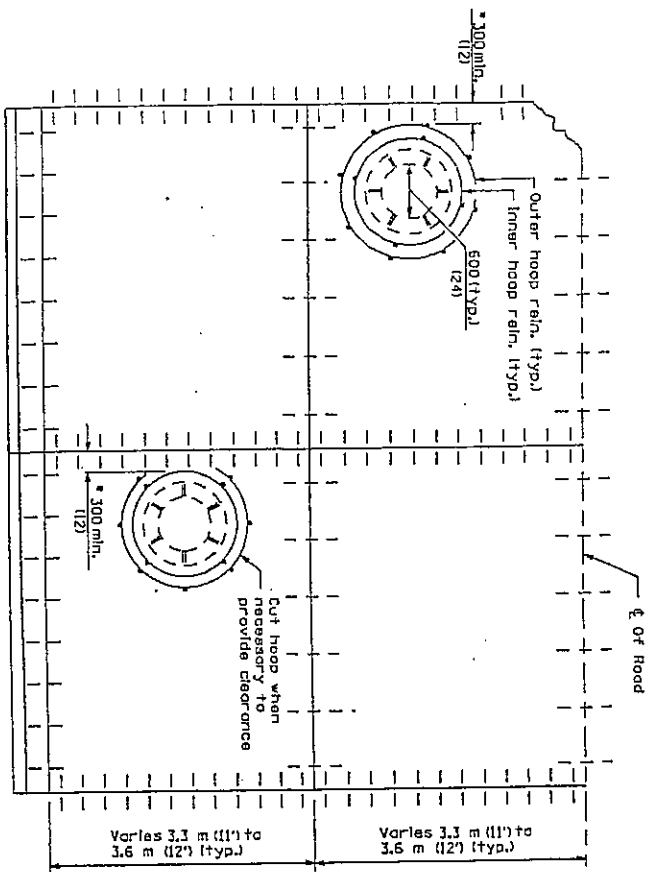
**GENERAL NOTES**

Transverse joints may be moved to accommodate roundout. Edge of circular joint shall be minimum 800 (24) from transverse joint. Reinforced transverse joint shall be continuous from edge of pavement to edge of pavement.  
 The transverse joint spacing should be adjusted to use the DETAIL AT TRANSVERSE JOINT. If the joint cannot be adjusted to use the DETAIL NEAR TRANSVERSE JOINT, the joint must be in the center of the structure as shown.  
 Circular form shall be removed prior to drill and grout of the bars.  
 Drill and grout is preferred, however the bars can be poured in place if clearance is provided to outer edge of frame. Maximum 50 (2) clearance.  
 Shims shall be used to adjust all frames. After adjusting motor has cured, the shims shall be removed and the voids under the frames filled with nonshrink grout.  
 Hoop reinforcement shall be one piece construction having a minimum top length of 0.6 m (2'-0").  
 All situations not shown and may require combination of details.  
**WHEN USING CAST IN PLACE**  
 Frame shall be anchored to the structure to prevent movement during the pouring operation.  
 All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS	
1-1-04	Soft converted	
	metric reinf.	
1-1-00	New Standard	

**PCC PAVEMENT ROUNDOUTS**  
 (Sheet 1 of 2)  
**STANDARD 42011-01**

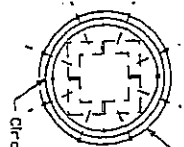




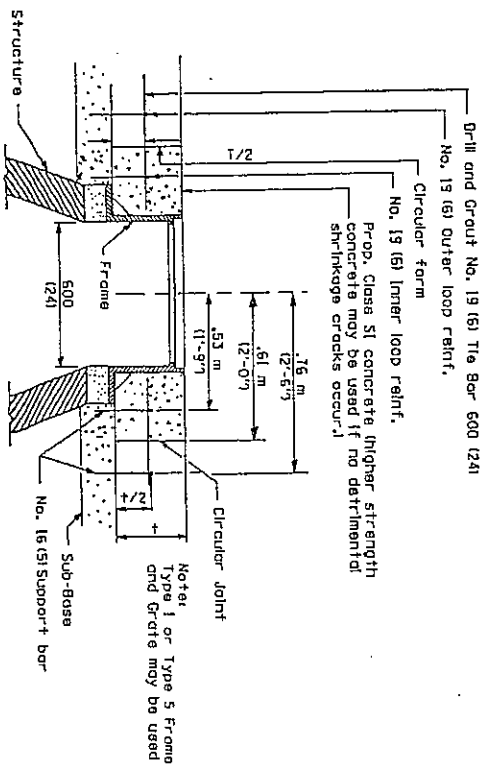
**CAST IN PLACE DETAIL**

■ Less than 300 (12) formed roundout to be used.

**ROUNDOUT FOR SQUARE FRAME & GRATE AND MANHOLES**

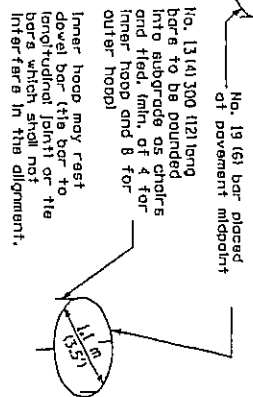


All dimensions same for the majority of circular structures. For larger structures increase hoop bar and circular form diameter by 300 (12) each and add two additional equally spaced tie bars.



**DETAIL OF REINFORCEMENT FOR PAVEMENT ROUNDOUT**

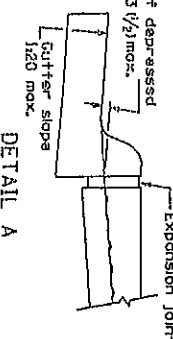
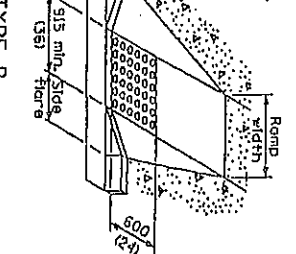
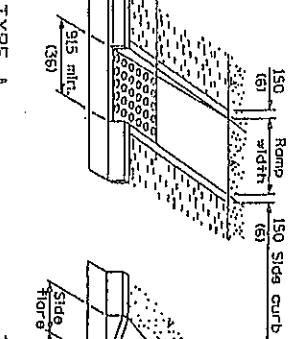
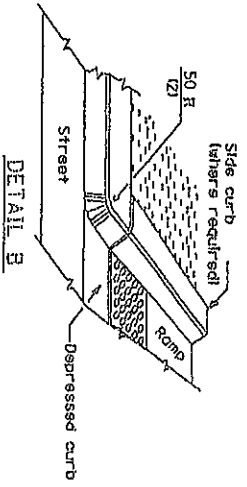
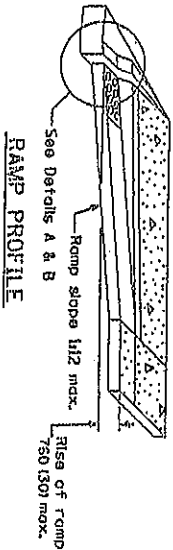
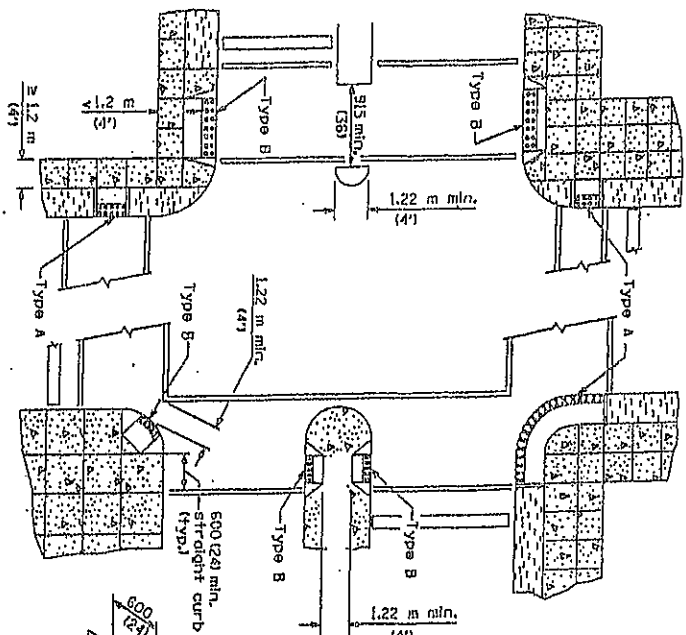
All dimensions are in millimeters (inches) unless otherwise shown.



**PCC PAVEMENT ROUNDOUTS**

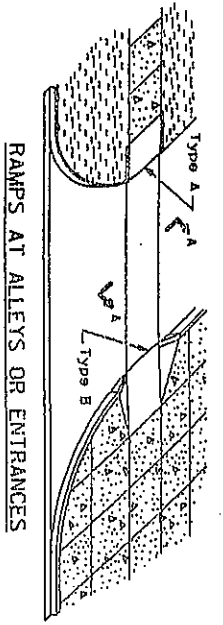
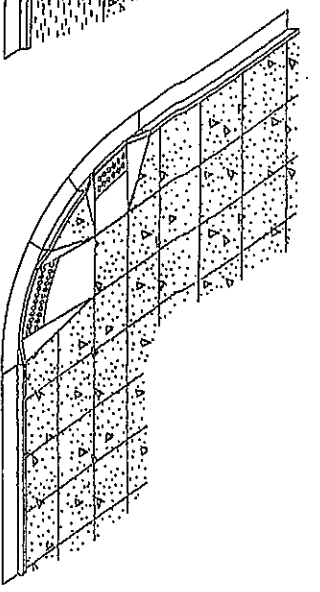
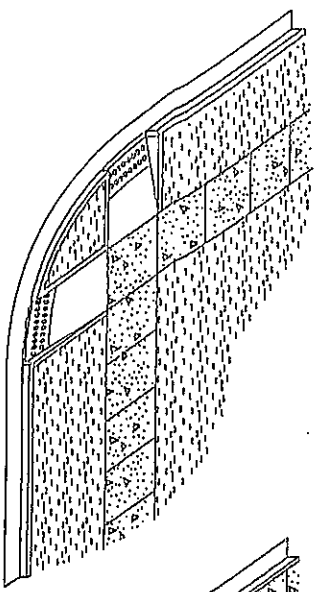
**STANDARD 420111-01**

(Sheet 2 of 2)



**LEGEND**

	Sidewalk
	Ramp
	Detectable Warrnings
	Non working area



**SECTION A-A**

Vertical 22 max. Vertical

**GENERAL NOTES**

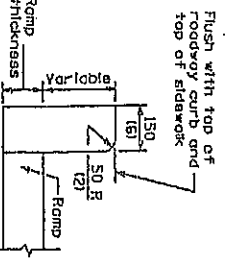
Detectable warrnings shall be installed at curb ramps, medians and pedestrian refuge islands, of grade, road, and crossings, where pedestrian crossings are required to cross a hazardous vehicular way. Detectable warrnings shall also be installed at alleys and commercial entrances when permanent traffic control devices are present.

The maximum slope of the side flange for Type B ramps shall be 1:10; however, if the width of the landing area between the top of the ramp and an obstruction is less than 12 m (4'-0") then the maximum slope shall be 1:12.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H). All dimensions are in millimeters (inches) unless otherwise shown.

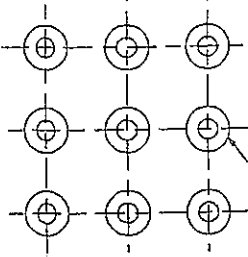
**DETAIL OF SIDE CURB**

Side curb may be constructed monolithically with ramp



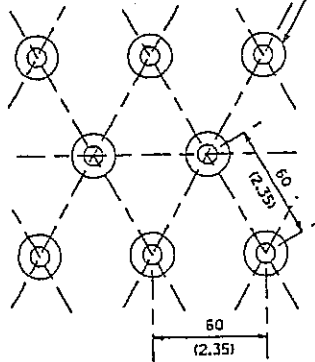
DATE	REVISIONS
8-1-05	Revised placement of detectable warrnings.
1-1-04	Added detectable warrnings and changed title.

42 min. = 60 max.  
 (1.65 min. = 2.35 max.)



**SQUARE PATTERN**  
 (Parallel Alignment)

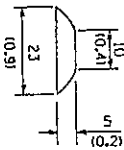
**DETECTABLE WARNINGS DETAIL**



**TRIANGULAR PATTERN**

Truncated Dome

**TRUNCATED DOME DETAIL**

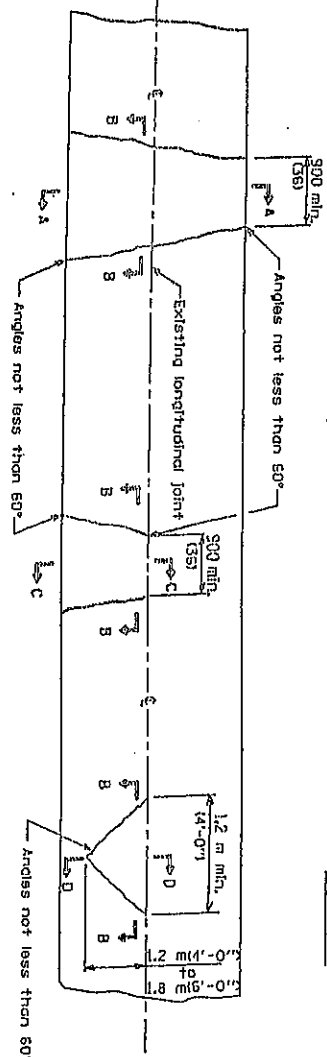


All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).  
 All dimensions are in millimeters (inches) unless otherwise shown.

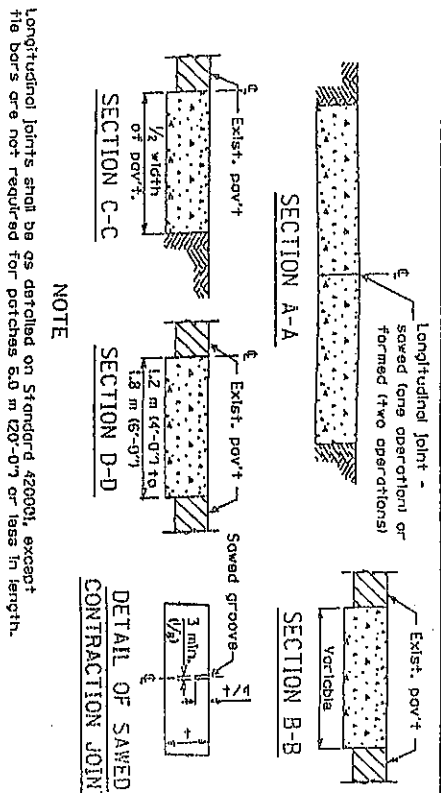
**CURB RAMPS  
 FOR SIDEWALKS**

**STANDARD 424001-04**

(Sheet 2 of 2)



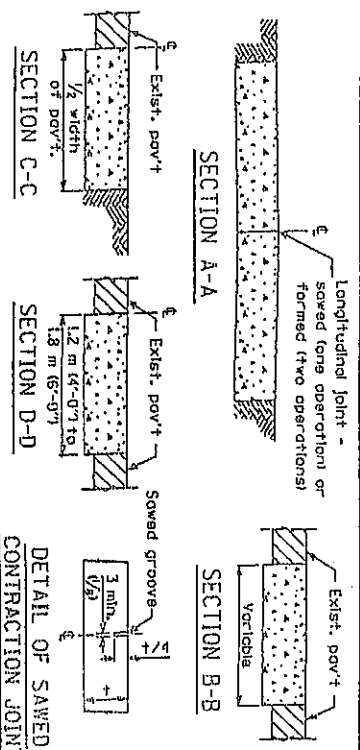
CLASS C



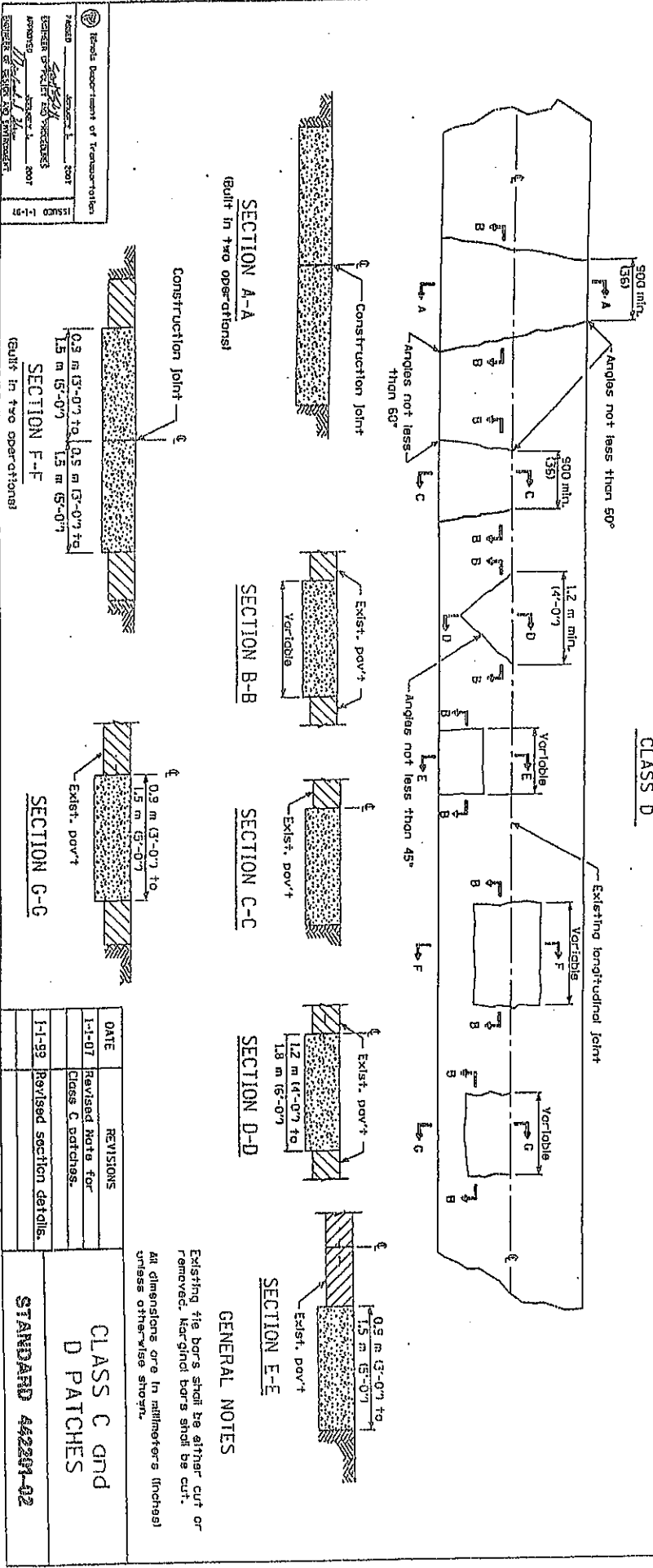
CLASS D

NOTE

Longitudinal joints shall be as detailed on Standard 420001, except the bars are not required for patches 6.0 m (20'-0") or less in length.



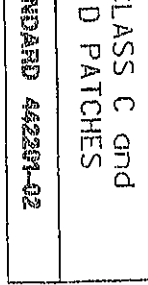
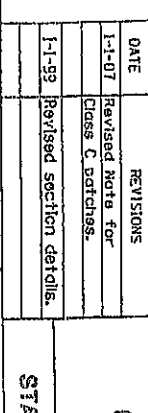
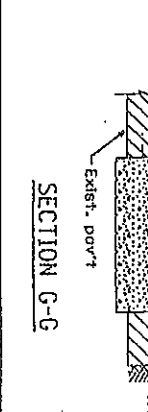
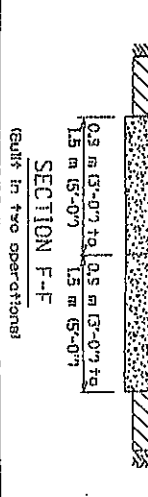
DETAIL OF SAWED CONTRACTION JOINT



GENERAL NOTES

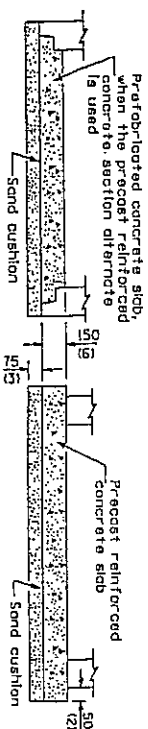
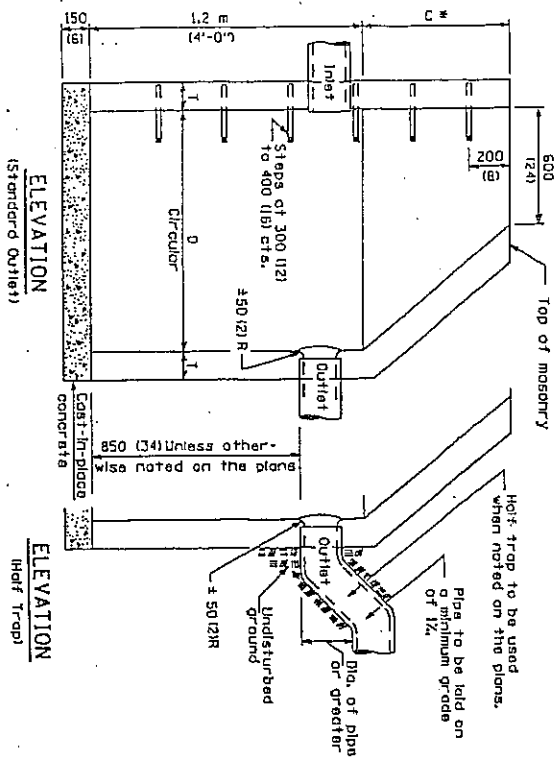
Existing tie bars shall be either cut or removed. Rebar bars shall be cut. All dimensions are in millimeters (inches) unless otherwise shown.

Revised Department of Transportation	Project No.	1-1-93
Division	Sheet No.	1-1-7
Section	Scale	
Author	Checked	
Drawn	Approved	



DATE	REVISIONS
1-1-07	Revised Note for Class C patches.
1-1-93	Revised section details.

CLASS C and D PATCHES  
STANDARD 442001-02



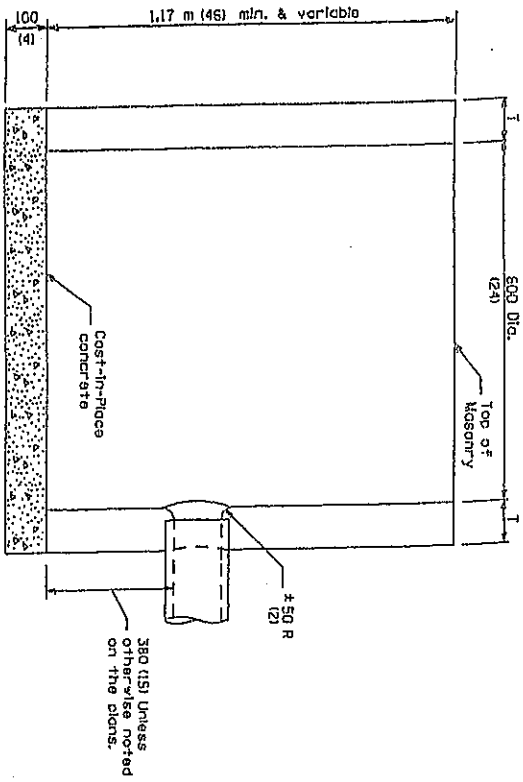
ALTERNATE MATERIALS FOR WALLS	D	C	T (min.)
Concrete Masonry Unit	1.2 m (4'-0") 1.5 m (5'-0")	750 (301) 1,15 m (3'-9")	125 (51) 125 (51)
Brick Masonry	1.2 m (4'-0") 1.5 m (5'-0")	750 (301) 1,15 m (3'-9")	200 (8) 200 (8)
Precast Reinforced Concrete Section	1.2 m (4'-0") 1.5 m (5'-0")	750 (301) 1,15 m (3'-9")	100 (4) 125 (5)
Cost-In-place Concrete	1.2 m (4'-0") 1.5 m (5'-0")	750 (301) 1,15 m (3'-9")	150 (61) 150 (61)

**GENERAL NOTES**

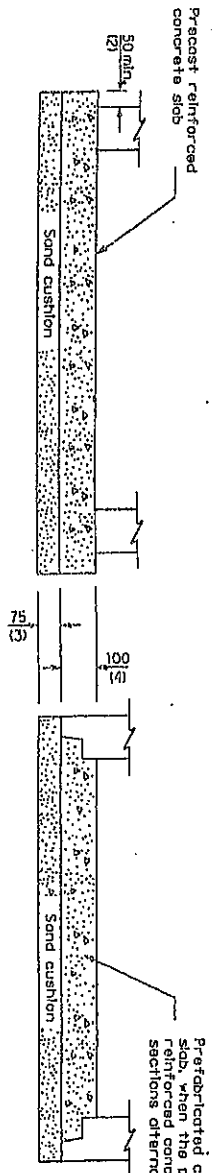
All catch basins shall be 1.2 m (4'-0") in diameter unless otherwise noted on the plans.  
 \* Dimension C for precast reinforced concrete section may vary from the dimension given to plus 150 mm (6").  
 See Standard 602601 for optional precast reinforced concrete flat slab top.  
 See Standard 602701 for details of steps.  
 All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS	CATCH BASIN TYPE A
1-1-97	Revised Standard 1514-10. Revised 1st G.N.	STANDARD 602001
5-15-94	Moved G.N. to Specs. Del. step detail & Cook C.N. note. Rev. hole trap	

British Department of Transportation  
 PASSED  
 APPROVED  
 DRAWN BY  
 CHECKED BY  
 151220 1-1-91



**ELEVATION**



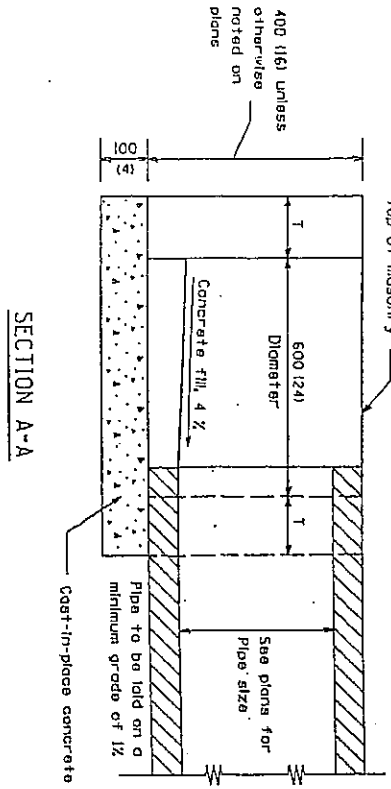
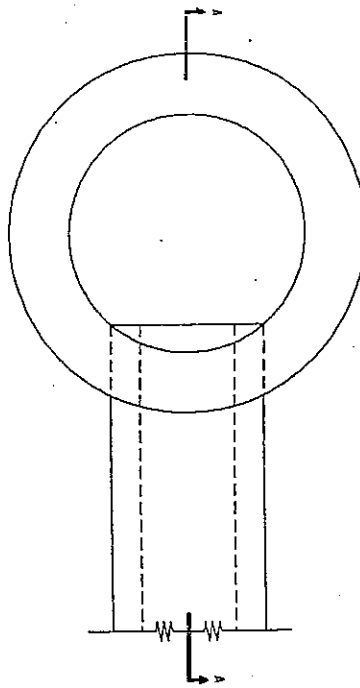
**ALTERNATE BOTTOM SLAB**

ALTERNATE MATERIALS FOR WALLS		T
		mm
Pre-cast Reinforced Concrete Section	75	(3)
Concrete Masonry Unit	125	(5)
Cast-In-Place Concrete	150	(6)
Brick Masonry	200	(8)

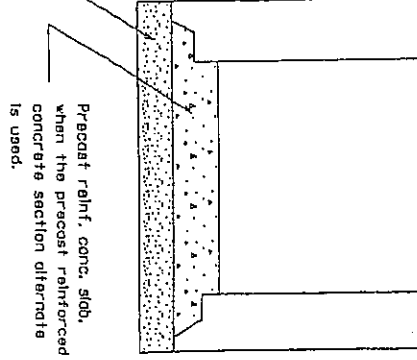
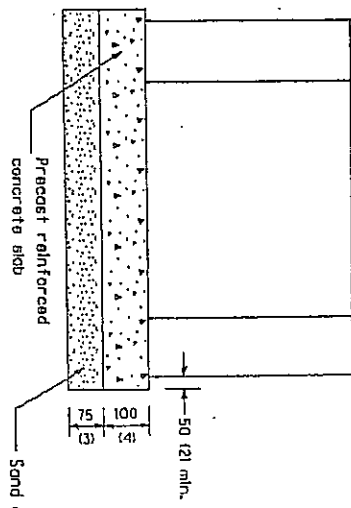
REVISIONS	
DATE	
1-1-97	Revised Standard 1538-6.
6-15-54	Moved note to Specs. Added Metric.

**CATCH BASIN TYPE C**  
**STANDARD 692/11**

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



ALTERNATE MATERIALS FOR WALLS		T
BRICK MASONRY		200 (8)
CAST-IN-PLACE CONCRETE		150 (6)
CONCRETE MASONRY UNIT		125 (5)
PRECAST REINFORCED CONCRETE SECTION		75 (3)



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

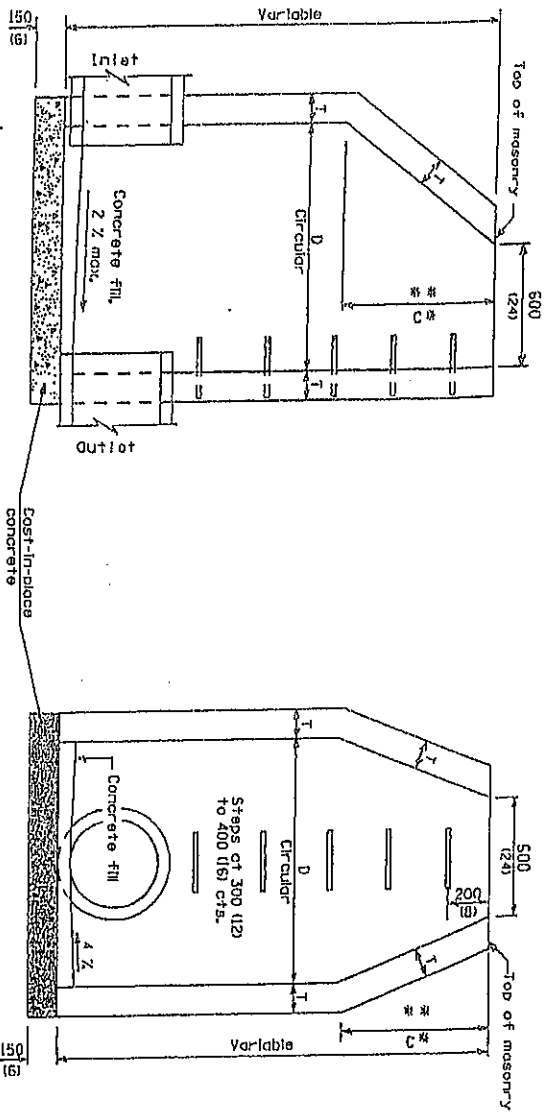
Inch Department of Transportation

DATE: 10/21/06  
 DRAWN BY: J. J. [Signature]  
 CHECKED BY: J. J. [Signature]  
 APPROVED BY: J. J. [Signature]  
 PROJECT NO.: 602301-01

DATE	REVISIONS
4-1-06	Added concrete fill in bottom of inlet.
1-1-97	Revised Standard 1663-5

INLET - TYPE A

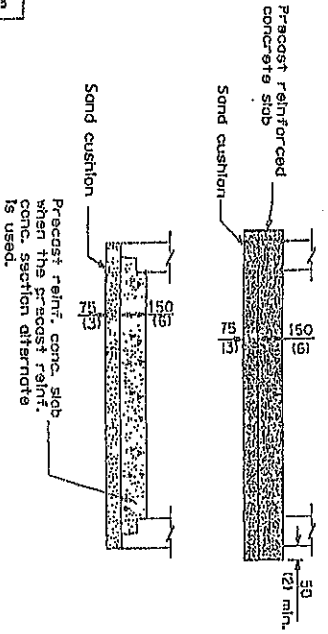
STANDARD 602301-01



ELEVATION - ECCENTRIC

ELEVATION - CONCENTRIC

ALTERNATE MATERIALS FOR WALLS	D	C	T
Concrete Masonry Unit	1.2 m (4'-0")	750 (30)	125 (5)
Brick Masonry	1.2 m (4'-0")	750 (30)	200 (8)
Precast Reinforced Concrete Section	1.2 m (4'-0")	750 (30)	100 (4)
Cost-in-place Concrete	1.2 m (4'-0")	750 (30)	150 (6)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

- See Standard 602701 for details of steps.
- Dimension "C" for Precast Reinforced Concrete Sections may vary from the dimension given to plus 150 mm (6").
- See Standard 602601 for Optional Precast Reinforced Concrete Flat Slab Top.
- All dimensions are in millimeters (inches) unless otherwise shown.

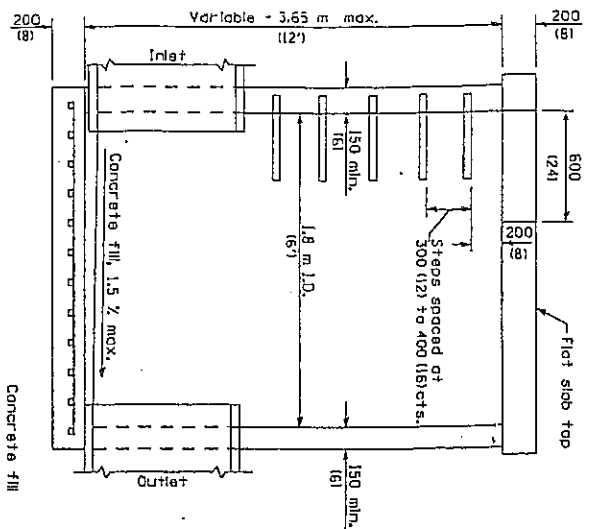
Project Department of Transportation  
 Project No. 1-1-97  
 Revision No. 1-1-97

DATE	REVISIONS
4-1-05	Revised detail for concrete fill in elevation view.
1-1-97	Revised Standard 1527-10.

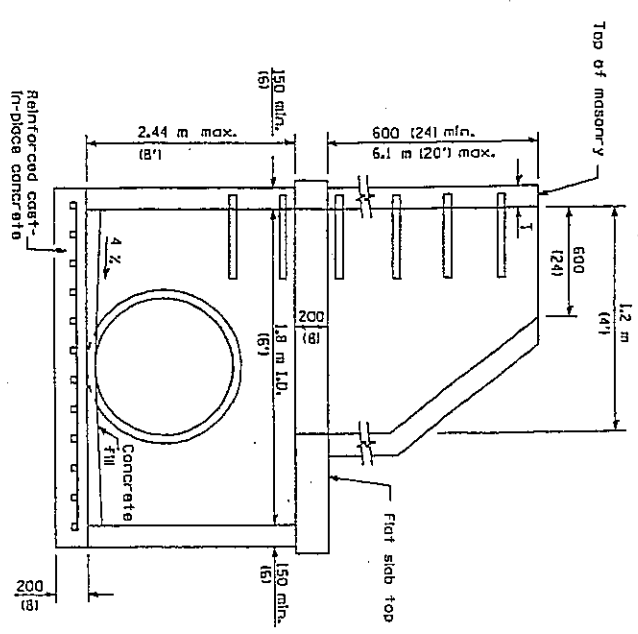
MANHOLE TYPE A

STANDARD 602601

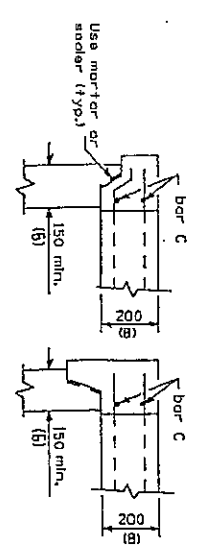




ELEVATION

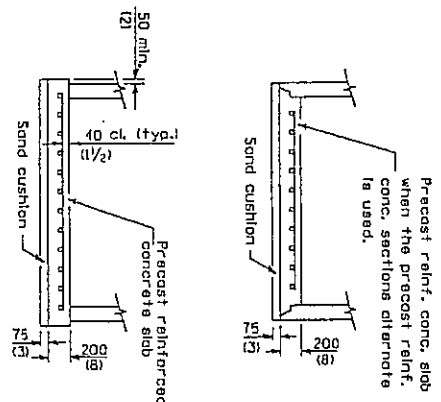


ELEVATION



ALTERNATE JOINT CONFIGURATIONS

ALTERNATE MATERIALS FOR WALLS		T
Concrete Masonry Units	(5)	125
Precast Reinforced Concrete Sections	(4)	100
Cast-In-Place Concrete	(6)	150



ALTERNATE BOTTOM SLABS

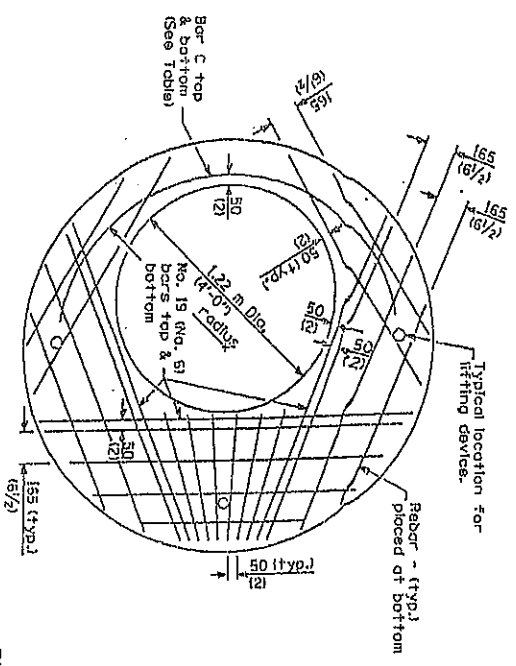
GENERAL NOTES

Joint configuration and dimensions of the slab shall match and fit the riser joint detail.  
 Lifting devices shall be approved by the Engineer.  
 Bottom slabs shall be reinforced with a minimum of 975 mm<sup>2</sup>/m (0.46 sq. in./ft.) in both directions.  
 See Standard 602701 for details of manhole steps.  
 All dimensions are in millimeters (inches) unless otherwise shown.

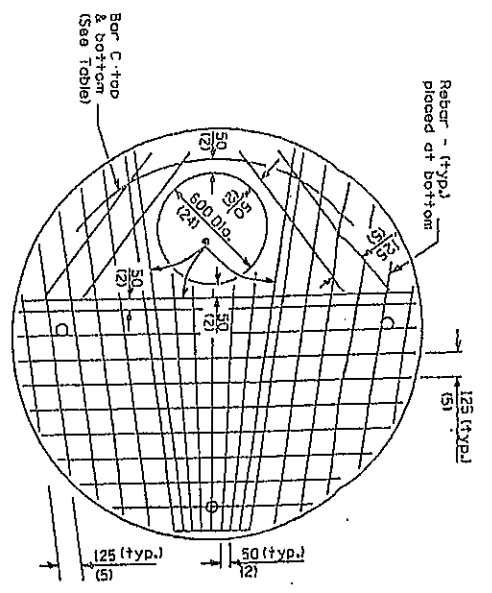
Model Department of Transportation  
 Project 6021  
 Contract 602100  
 Standard 602406-02  
 Sheet 1 of 21

DATE	REVISIONS
4-1-06	Revised detail for concrete fill in elevation views.
1-1-03	Added general note for reinforcement.

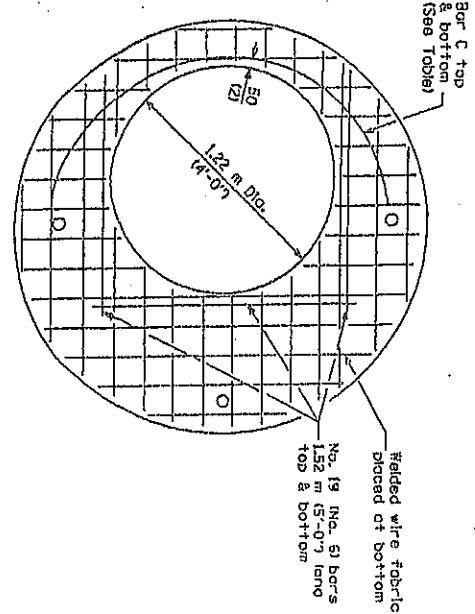
MANHOLE TYPE A  
 1.8 m (6') DIAMETER  
 STANDARD 602406-02  
 Sheet 1 of 21



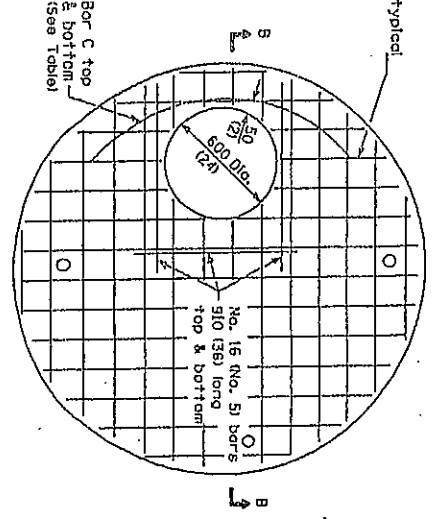
Showing Rebar Reinforcement



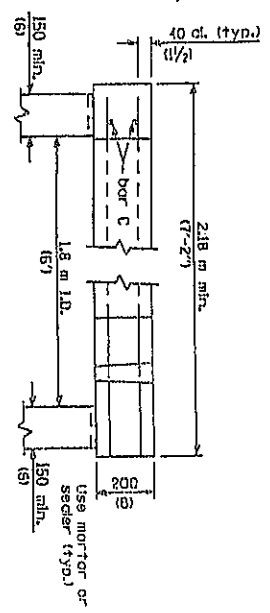
No. 19 (No. 5) bars top & bottom



Showing welded wire fabric Reinforcement



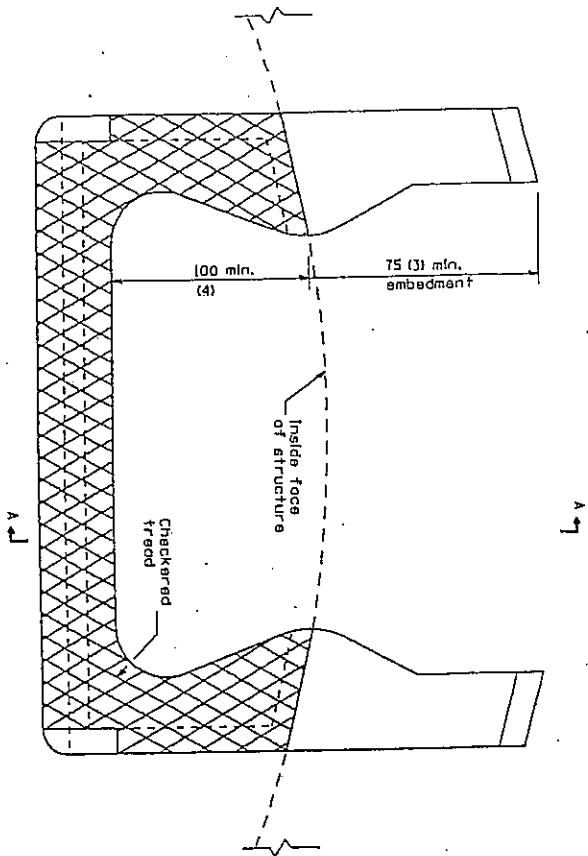
Diameter of opening	Thickness	Reinforcement "As" w/f Each direction	Bor Size	No. 13 Bor C length	No. 4) Radius
600 (2'-0")	200 (8)	2244 sq. mm/m (1,065 sq. in./ft.)	No. 19 (No. 5)	1.83 m (6'-0")	565 (38)
1.2 m (4'-0")	200 (8)	1736 sq. mm/m (1,082 sq. in./ft.)	No. 19 (No. 5)	2.74 m (9'-0")	565 (38)



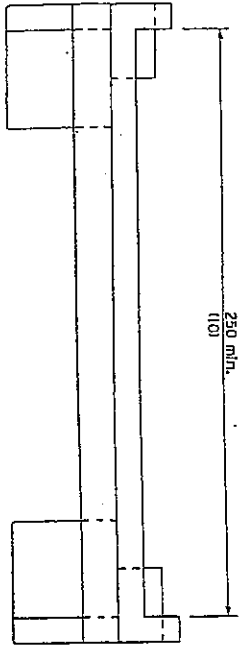
All dimensions are in millimeters (inches) unless otherwise shown.

MANHOLE TYPE A  
 1.8 m (6') DIAMETER.  
 STANDARD 60240-02  
 (Sheet 2 of 2)

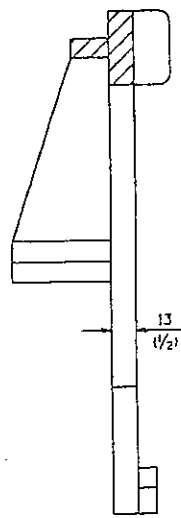
CAST IRON STEPS



PLAN VIEW



ELEVATION VIEW



SECTION A-A

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

Single Department of Transportation

PROJECT 1-1-97  
 DESIGNER'S NAME: J. J. ROSS  
 APPROVED BY: J. J. ROSS  
 DATE: 1-1-97  
 SCALE: 1-1-97

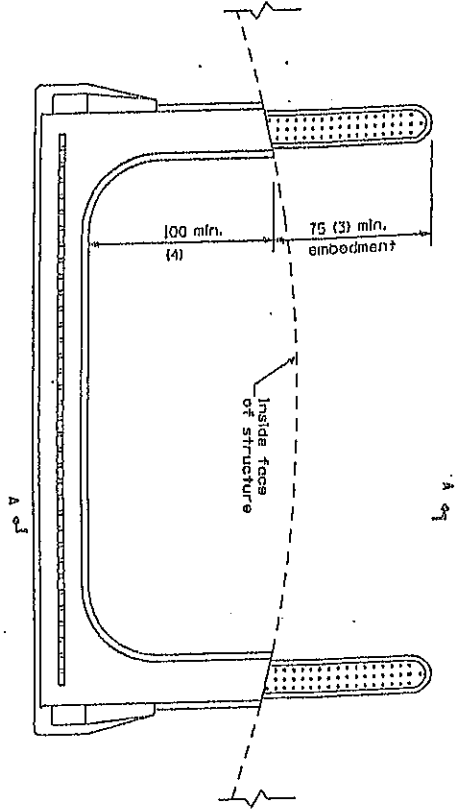
DATE	REVISIONS
4-1-06	Revised title, drawings, and added plastic steps on sheet 2.
1-1-97	Return Standard 2447.

MANHOLE STEPS

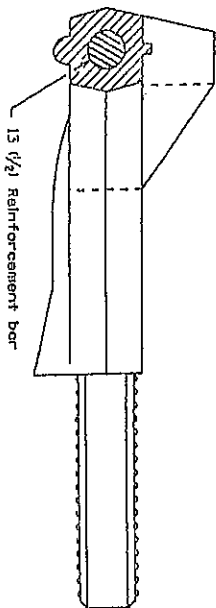
(Sheet 1 of 2)

STANDARD 602701-01

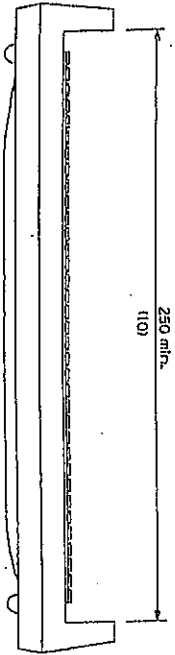
PLASTIC STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

INDIAN DEPARTMENT OF TRANSPORTATION  
RESEARCH AND DEVELOPMENT  
RESEARCH PROJECT NO. 602701-01  
REVISION NO. 01  
15000 1-1-71

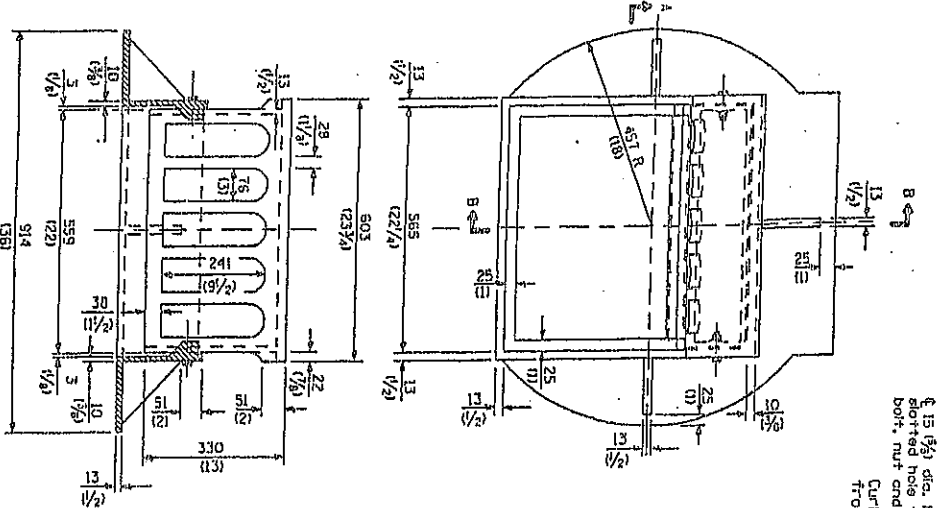
All dimensions are in millimeters (inches) unless otherwise shown.

MANHOLE STEPS

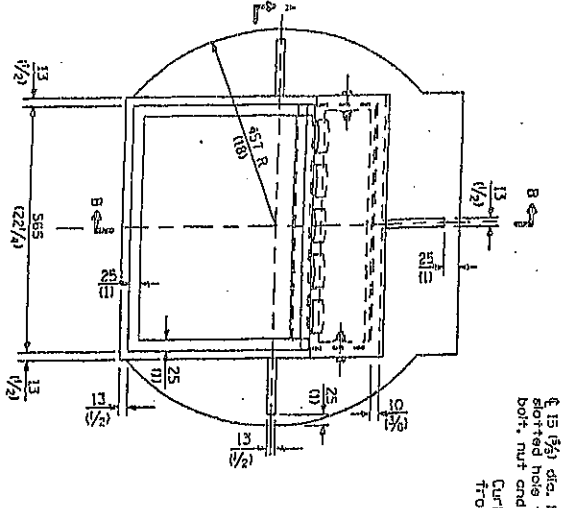
(Sheet 2 of 2)

STANDARD 602701-01

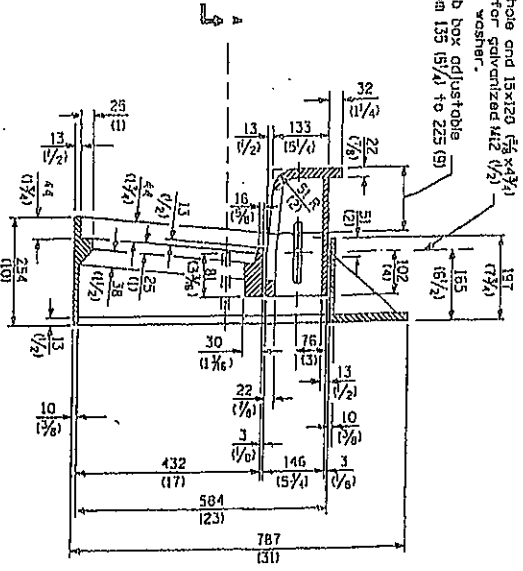




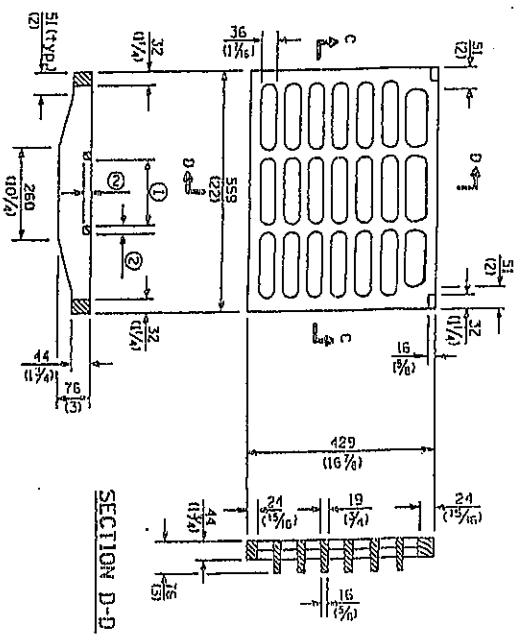
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

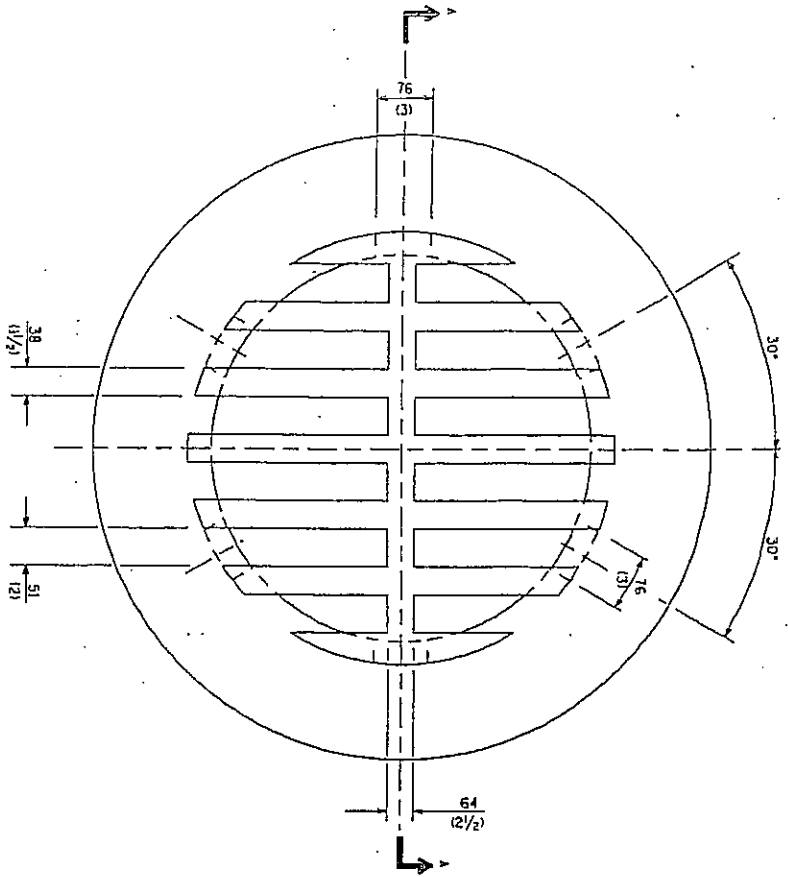
CAST GRATE

TRADE DEPARTMENT OF INVESTIGATION  
 PROJECT: **Water Meters**  
 APPROVED: **John A. ...**  
 DATE: **1-1-02**

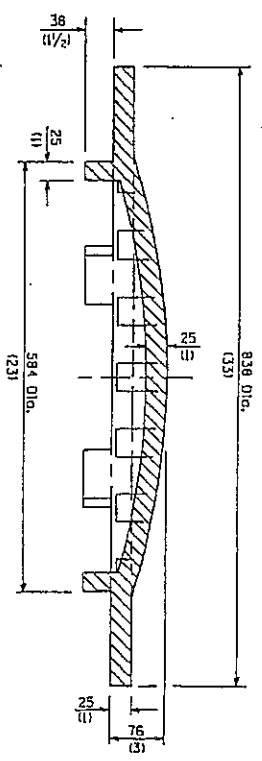
CAST FRAME

DATE	REVISIONS	FRAME AND GRATE TYPE 3
1-1-04	Revised frame and removed welds.	STANDARD 60400-02
1-1-02	Added support bar to frame & revised frame & grille.	

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



CAST GRATE



SECTION A-A

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

Illinois Department of Transportation  
 Project: \_\_\_\_\_  
 Division: \_\_\_\_\_  
 District: \_\_\_\_\_  
 Date: 1-1-97

DATE	REVISIONS
1-1-04	Removed volatiles.
1-1-97	Revised Standard 2217-4.

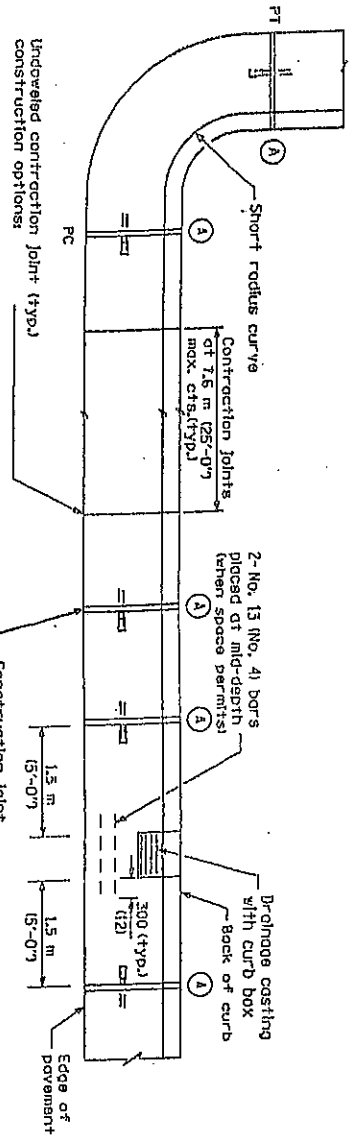
GRATE TYPE 8  
 STANDARD 804038-01



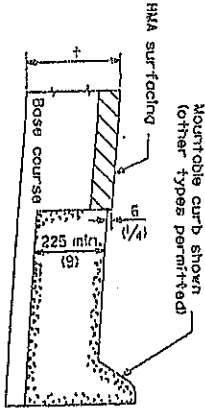




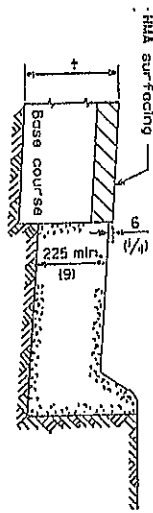
- Undeveloped contraction joint+ (typ.) construction options:
1. Form with 3/8" thick steel template 50 (2) deep, and seal.
  2. Saw 50 (2) deep at 4 to 24 hours, and seal.
  3. Insert 20 (2) thick preformed joint filler full depth and width.



PLAN

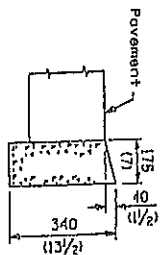


ON DISTURBED SUBGRADE

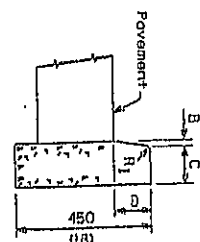


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

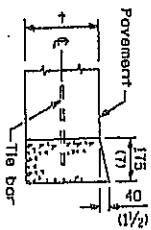


DEPRESSED CURB

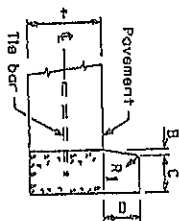


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

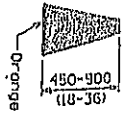
All dimensions are in millimeters (inches) unless otherwise shown.

CONCRETE CURB TYPE B  
AND COMBINATION  
CONCRETE CURB AND CUTTER  
(Sheet 2 of 2)

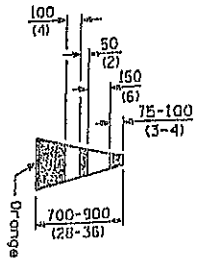
STANDARD 88901-02

	Ontario Ministry of Transportation 2017 151B 1-19
PASSED APPROVED APPROVED APPROVED APPROVED	2017 2017 2017 2017 2017

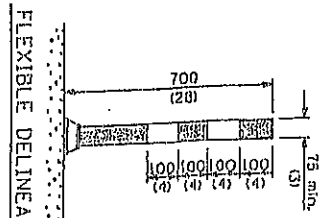




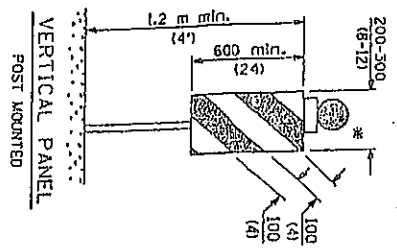
CONE



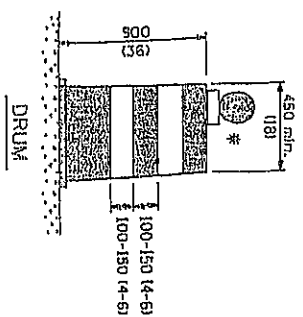
REFLECTORIZED CONE



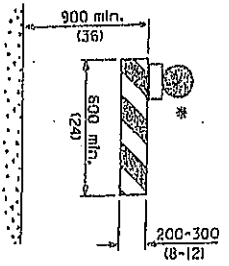
FLEXIBLE DELINEATOR



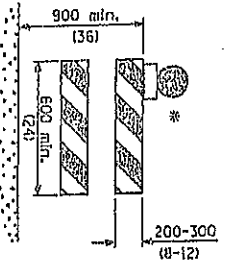
VERTICAL PANEL  
POST MOUNTED



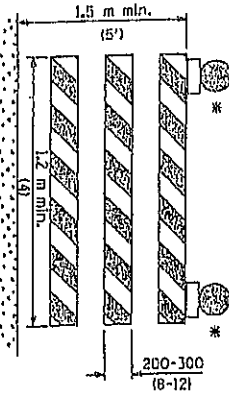
DRUM



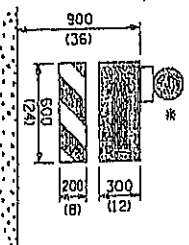
TYPE I BARRICADE



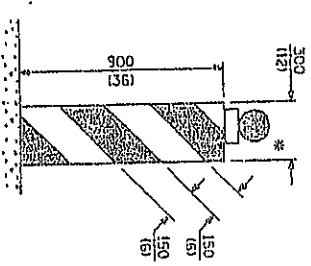
TYPE II BARRICADE



TYPE III BARRICADE



DIRECTION INDICATOR  
BARRICADE



VERTICAL BARRICADE

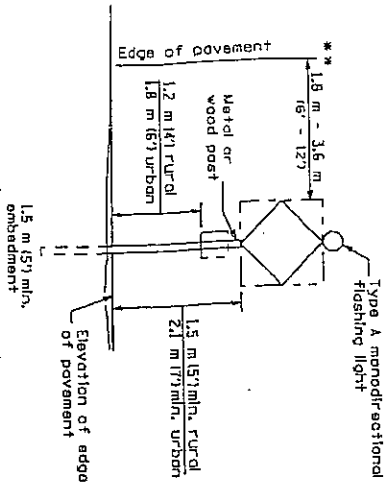
\* Warning lights if required

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

Texas Department of Transportation	
Project No.	1-1-97
Contract No.	
Division	
Location	
Sheet No.	1-1-97

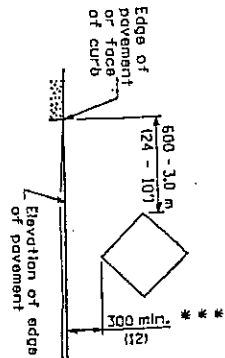
DATE	REVISIONS
4-1-06	Revised vert. barricade, post mounted signs, and signs on temp. supports.
1-1-05	Added note to work limit signing and re-added Type I barricade.

TRAFFIC CONTROL DEVICES  
(Sheet 1 of 3)  
STANDARD 702001-98



**POST MOUNTED SIGNS**

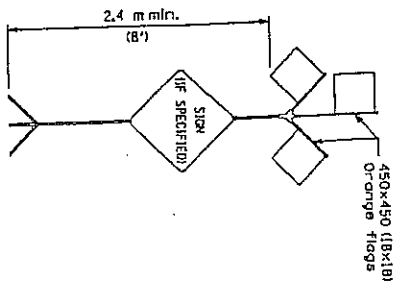
\*\* When curb or paved shoulder are present this dimension shall be 500 (24) to the face of curb or 1.8 m (6 ft) to the outside edge of the paved shoulder.



**SIGNS ON TEMPORARY SUPPORTS**

\*\*\* When work operations exceed four days, this dimension shall be 1.5 m (5 ft) min.

**HIGH LEVEL WARNING DEVICE**



ROAD CONSTRUCTION NEXT X MILES

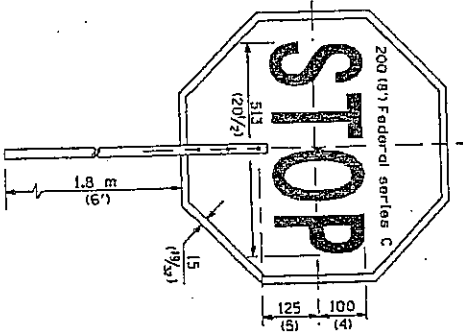
END CONSTRUCTION

C20-101-6035

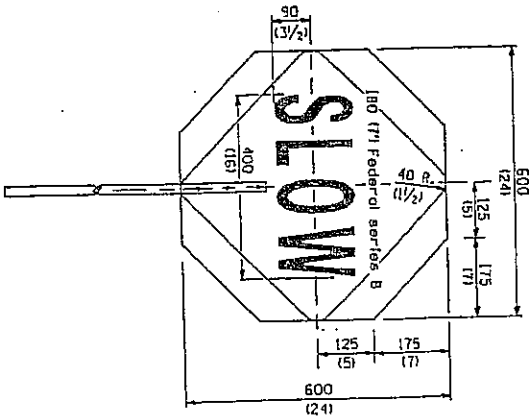
G20-24(0)-6024

This signing is required for all projects 3200 m (2 miles) or more in length.  
 ROAD CONSTRUCTION NEXT X MILES sign shall be placed 150 m (500 ft) in advance of project limits.  
 END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 3200 m (2 miles).  
 Dual sign displays shall be utilized on multi-lane highways.

**WORK LIMIT SIGNING**



FRONT SIDE



REVERSE SIDE

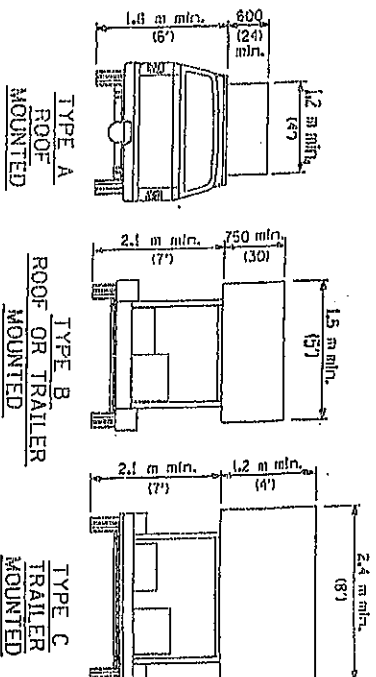
**FLAGGER TRAFFIC CONTROL SIGN**

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

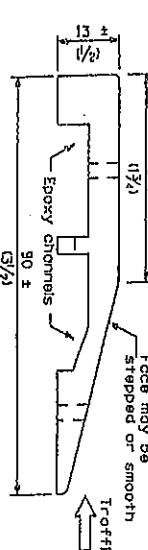
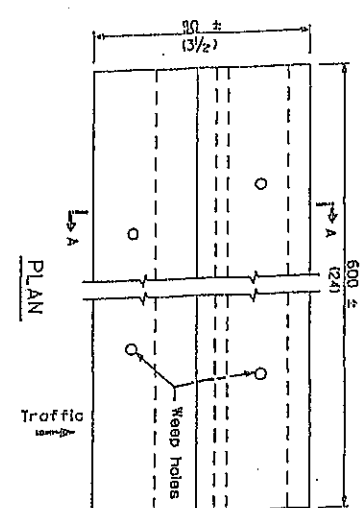
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 702001-06

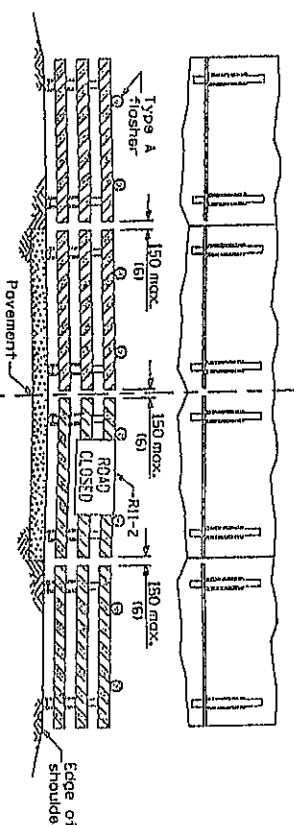
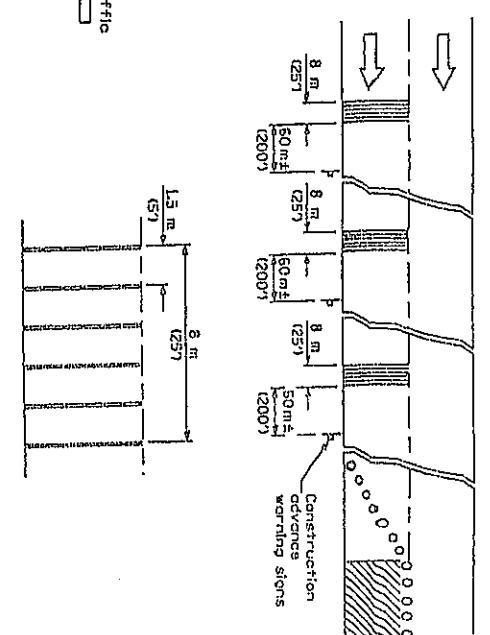


**ARROW BOARDS**



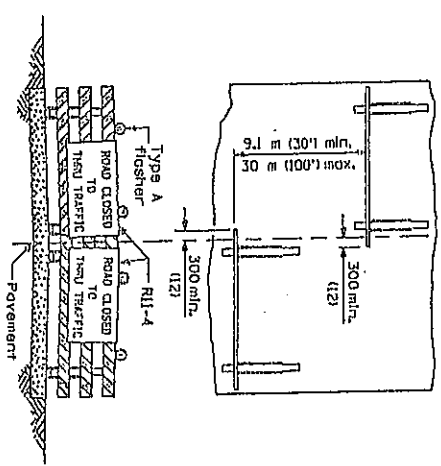
**TEMPORARY RUMBLE STRIPS**

**TYPICAL INSTALLATION**



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

**TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD**



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

Illinois Department of Transportation

PROJECT NO. 720001-05

DATE: 1-1-11

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

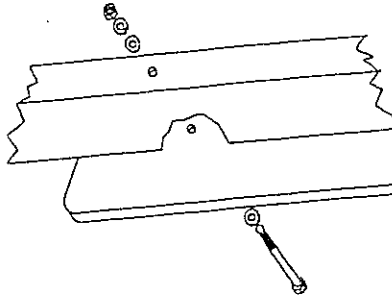
IN CHARGE: [Signature]

**TRAFFIC CONTROL DEVICES**

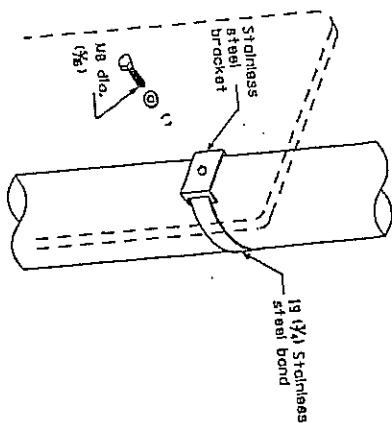
(Sheet 3 of 3)

**STANDARD 720001-05**

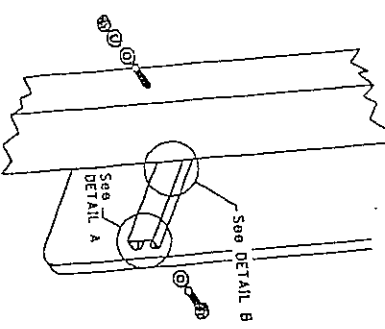
All dimensions are in millimeters (inches) unless otherwise shown.



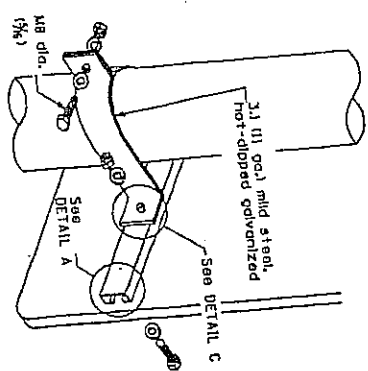
Sign panel 900 (36) wide or less



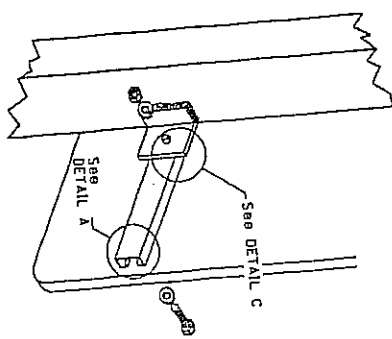
Sign panel 900 (36) wide or less



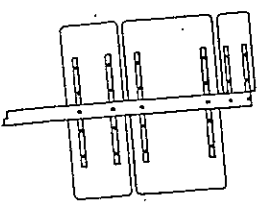
Sign panel over 900 (36) wide



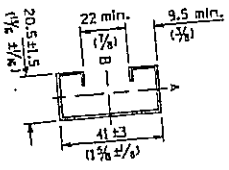
Sign panel over 900 (36) wide



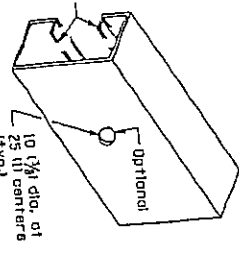
BREAKAWAY STEEL TUBING POSTS (All sign panel sizes)



ROUTE MARKER ASSEMBLY

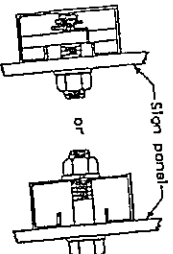


SUPPORTING CHANNEL DETAILS

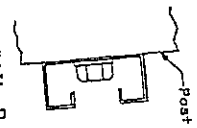


Section modulus (mm <sup>4</sup> )	Axis A	Axis B
Steel	819 mm <sup>3</sup> (0.050 in. <sup>3</sup> )	1720 mm <sup>3</sup> (0.105 in. <sup>3</sup> )
Aluminum	2456 mm <sup>3</sup> (0.150 in. <sup>3</sup> )	5162 mm <sup>3</sup> (0.315 in. <sup>3</sup> )

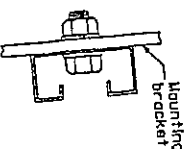
**WOOD OR TELESCOPING STEEL POSTS**



DETAIL A



DETAIL B



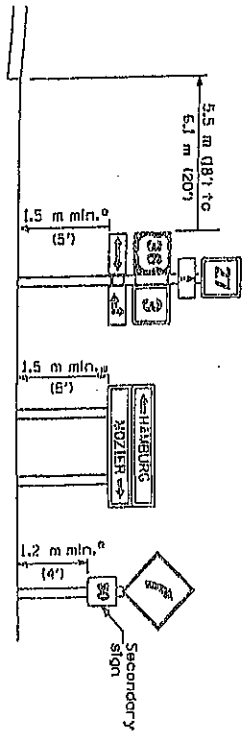
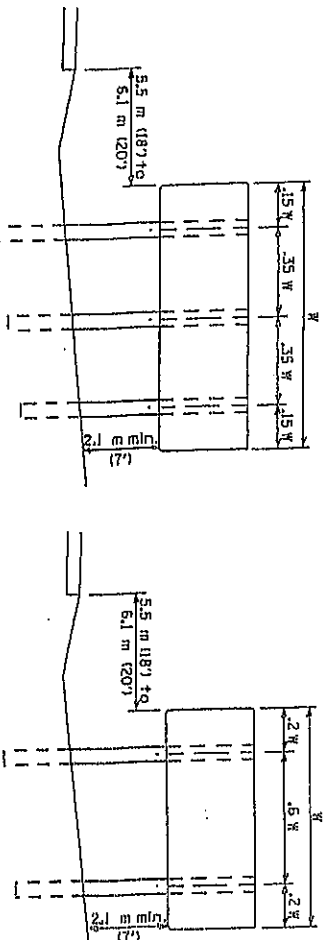
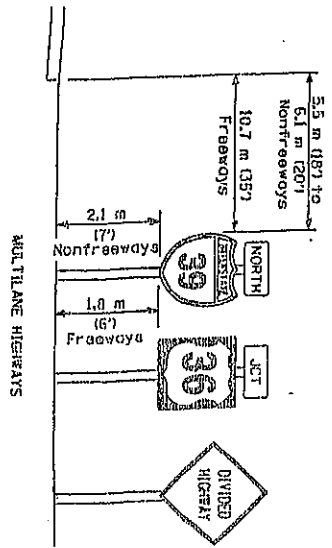
DETAIL C

DATE	REVISIONS
1-1-91	Revised Standard 2319-6.
2-1-95	Moved B, H, TO Spaces. Added metric.

**SIGN PANEL MOUNTING DETAILS STANDARD 720001**

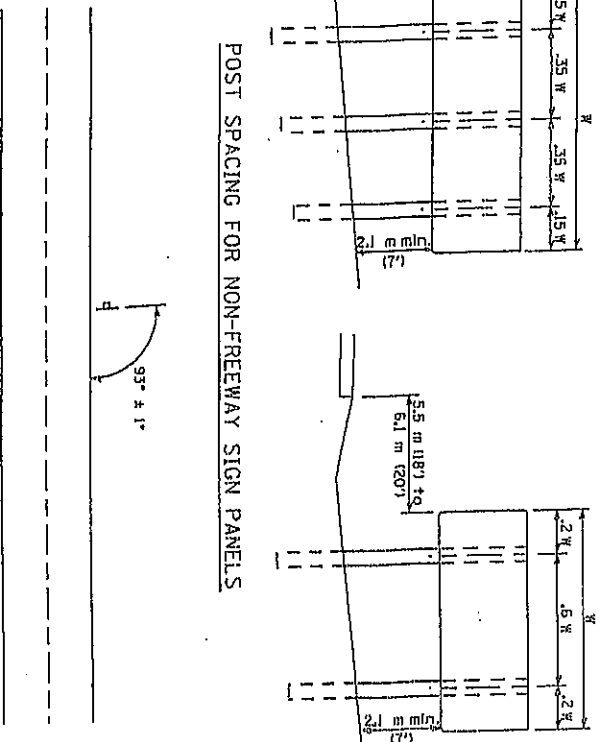
All dimensions are in millimeters (inches) unless otherwise shown.

Include Invariant of Transformation  
 APPROVED: [Signature] 1987  
 DESIGNED BY: [Signature]  
 APPROVED BY: [Signature] (191)  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]

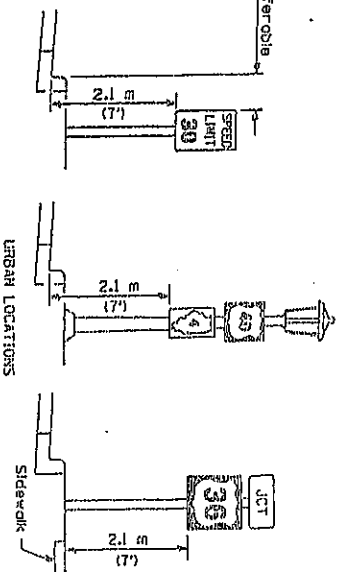


<sup>a</sup> In any area where parking is likely to occur or where there are obstructions to view or where signs are located over sidewalks, the height shall be at least 2.1 m (7').

TWO LANE RURAL HIGHWAYS



500 (24) Preferable  
300 (12) min.



TYPICAL INSTALLATIONS

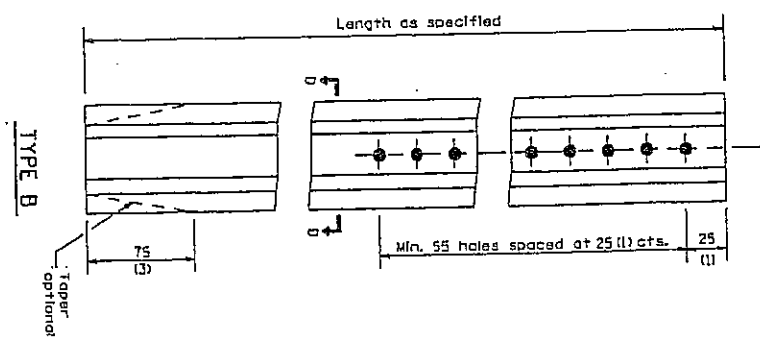
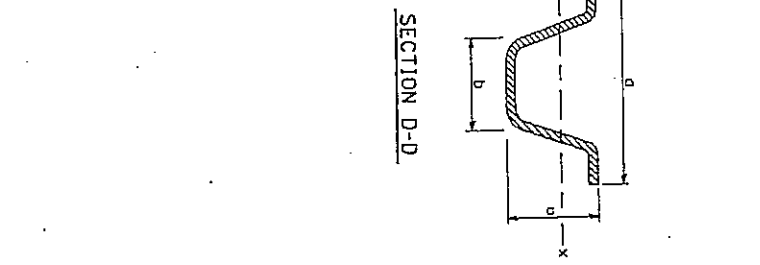
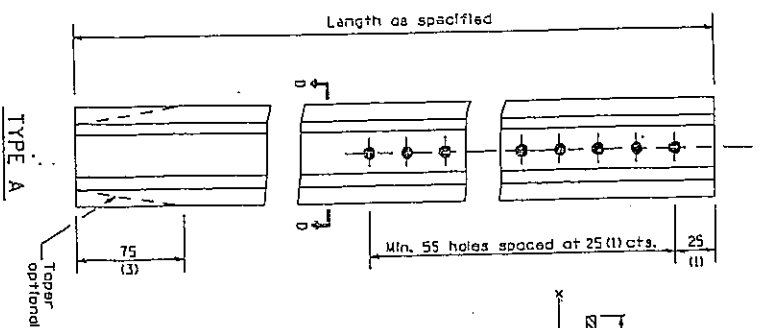
Signs in any area shall be erected to a uniform height above the edge of the pavement.

Iowa Department of Transportation Approved: _____ Engineer or Director Approved: _____ Project Engineer Approved: _____ Project Engineer	2007 2007 2007 2007
--	------------------------------

DATE	REVISIONS	SIGN PANEL ERECTION DETAILS
1-1-07	Deleted sheet 2.	STANDARD 72R09-01
1-1-97	Revised. Standard 2320-5.	

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





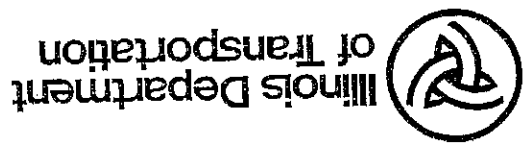
	D	b	c	5-x-x mm (in.)	kg/m (lbs./ft.)
TYPE A	Steel	32	31	3.654	2.98
	Aluminum	(1 1/4)	(1 1/8)	(10.223)	(2.001)
TYPE B	Steel	41	48	7.128	1.34
	Aluminum	(1 5/8)	(1 7/8)	(10.435)	(0.901)
TYPE C	Steel	32	38	5.588	4.46
	Aluminum	(1 1/4)	(1 1/2)	(10.341)	(3.001)
		57	60	14.552	1.93
		(2 1/4)	(2 3/8)	(10.888)	(1.301)

**GENERAL NOTES**

Dimensions shown for cross sections are minimum.  
 All holes are 10 mm (3/8") diameter.  
 5-x-x is the minimum section modulus about the x-x axis of the post as shown. For posts in which holes are punched or drilled for more than half their length, 5-x-x shall be computed for the net section.  
 All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
1-1-57	Requ. Standard 2350-4.
6-15-94	Added Metric.

**METAL POSTS FOR SIGNS, MARKERS & DELINEATORS**  
**STANDARD 720011**



RETURN WITH BID

Route \_\_\_\_\_  
 County \_\_\_\_\_  
 Local Agency \_\_\_\_\_  
 Section \_\_\_\_\_

Various \_\_\_\_\_  
 DuPage \_\_\_\_\_  
 Lombard \_\_\_\_\_  
 08-00000-GM \_\_\_\_\_

Proposal

1. Proposal of \_\_\_\_\_

for the improvement of the above section by the construction of \_\_\_\_\_

a total distance of \_\_\_\_\_ feet, of which a \_\_\_\_\_

distance of \_\_\_\_\_ feet, \_\_\_\_\_ miles) are to be improved.

2. The plans for the proposed work are those prepared by \_\_\_\_\_ 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 \_\_\_\_\_ 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 BLSR Special Provision for Bidding Requirements and Conditions for contract Proposals, will be required. Bid Bonds  will  will not be allowed as proposal guaranties. 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: \_\_\_\_\_ Treasurer of \_\_\_\_\_

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. 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 firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, 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. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid-rotating.

12. The undersigned submits herewith the schedule of prices on BLR 12222 covering the work to be performed under this contract.



Schedule of Prices

Route Various  
 County DuPage  
 Local Agency Lombard  
 Section 08-00000-GM

RETURN WITH BID

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

Item No.	Items	Unit	Quantity	Unit Price	Total
1	Geotech Fabric F/Gr. Slab	SY	13349		
2	Sub Gran Mat B4	SY	13349		
3	Earth Excavation	CY	1483		
4	pavement Removal CL B, T4, 10"	SY	13349		
5	CL B Patch, T4, 10"	SY	13349		
6	Comb. Curb and Gutter Removal	LF	9010		
7	Comb. Curb and Gutter T B6 24	LF	4535		
8	Comb. Curg and Gutter T B9 12	LF	4475		
9	PCC Driveway Pavement Removal	SY	400		
10	PCC Driveway Pavement 6" SP	SY	400		
11	Topsoil F & P, 4"	SY	1850		
12	Sodding, Spl	SY	1850		
13	Drain Util. Str Adjustment	EA	8		
14	Drain Util. Str. Reconstruct	EA	8		
15	Traffic Control	LS	1		
Carried forward from Page					
Page Total (To be carried forward to Page )					



Attest:

Secretary

Insert  
Names of  
Officers

President  
Secretary  
Treasurer



(if a corporation)

Corporate Name

Signed By

Business Address

Insert  
Names and  
Addresses of  
All Partners

(if a partnership)

Firm Name

Signed By

Business Address

(if an individual)

Signature of Bidder

Business Address

RETURN WITH BID

Route  
County  
Local Agency  
Section

Various

DuPage

Lombard

08-00000-GM



Signatures



Local Agency Proposal Bid Bond

RETURN WITH BID

PAPER BID BOND

Route	Variolus
County	DuPage
Local Agency	Lombard
Section	08-00000-GM

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, 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

By: \_\_\_\_\_ (Company Name)  
By: \_\_\_\_\_ (Signature and Title)  
By: \_\_\_\_\_ (Signature of Attorney-in-Fact)

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

STATE OF ILLINOIS,  
COUNTY OF \_\_\_\_\_, 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 \_\_\_\_\_

ELECTRONIC BID BOND  
(Notary Public)

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

---



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- 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 subcontractor 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 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.

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:

- 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:
- All contractors are required to complete the following certification:**

Route	Various
County	DuPage
Local Agency	Lombard
Section	08-00000-GM

Return with Bid

Apprenticeship or Training  
Program Certification



Address: \_\_\_\_\_

Bidder: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

(Signature)

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 requirements, 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.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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.





**Affidavit of Availability**  
 For the Letting of \_\_\_\_\_

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

**Part I. Work Under Contract**

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

County and Section Number	Contract With	Estimated Completion Date	Total Contract Price	Uncompleted Dollar Value if Firm is the Prime Contractor	Uncompleted Dollar Value if Firm is the Subcontractor	Total Value of All Work
1						
2						
3						
4						
Awards Pending						
Accumulated Totals						

**Part II. Awards Pending and Uncompleted Work to be done with your own forces.**

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork	Portland Cement Concrete Paving	Bituminous Plant Mix	Bituminous Aggregate Mixture	Miscellaneous Bituminous Paving	Clean & Seal Cracks/Joints	Aggregate Bases & Surfaces	Highway, R.R. and Waterway Structures	Drainage	Electrical	Cover and Seal Coats	Miscellaneous Concrete Construction	Landscaping	Fencing	Guardrail	Painting	Signing	Fabrication	Building Construction	Other Construction (List)	Totals	
Accumulated Totals																					

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	Subcontractor	Type of Work	Subcontract Price	Amount Uncompleted
1				
2				
3				
4				
Awards Pending				

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me  
 this \_\_\_\_\_ day of \_\_\_\_\_

Type or Print Name

Officer or Director

Title

Signed

Notary Public

My commission expires \_\_\_\_\_

Company

(Notary Seal)

Address