

Individual only: Affiant further says that the following is a complete and accurate list of the names and addresses of all persons interested in said proposed contract: _____

Affiant further says that he is represented by the following attorneys: _____ and is also represented by the following resident agents in the City of Parma: _____

Partnership only: Affiant further says that the following is a complete and accurate list of the names and addresses of the members of said partnership:

Affiant further says that said partnership is represented by the following attorneys: _____

and is also represented by the following resident agents in the City of Parma: _____

Corporation only: Affiant further says that the following is a complete and accurate list of the officers, directors and attorneys of said corporation:

- | | |
|-----------------------------|------------|
| President: | Directors: |
| Vice-President: | |
| Secretary: | |
| Treasurer: | |
| Cleveland-Manager or Agent: | |
| Attorneys: | |

and that the following officers are duly authorized to execute contracts on behalf of said corporation: _____

Affiant further says that the proposal or bid filed herewith is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not, directly or indirectly, inducted or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly, colluded, conspired, connived or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidder; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix any overhead, profit, or cost element of such bid price or that of any other bidder, or to secure any advantage against the City of Parma or anyone interested in the proposed contract; that all statements contained in such bid are true; that said bidder has not directly or indirectly, submitted his bid price or any breakdown thereof or the contents thereof, of divulged information or data relative thereto, or paid to or agreed to pay, directly or indirectly, any money, or other valuable consideration for assistance of aid rendered or to be rendered in procuring or attempting to procure the contract above referred to, to any corporation, partnership, company, association, organization, or to any member or agent thereof, or to any other individual, except to such person or persons as hereinabove disclosed to have a partnership or other financial interest with said bidder in his general business, and further that said bidder will not pay or agree to pay, directly or indirectly, any money or other valuable consideration to any corporation, partnership, company, association, organization or to any member or agent thereof, or to any other individual, for aid or assistance in securing the contract above referred to in the event the same is awarded to:

(Name of individual, partnership or corporation)

Further affiant saith nought.

(Sign Here) _____

Sworn to before me and subscribed in my presence this ____ day of

_____, 20____.

Notary Public

AFFIRMATIVE ACTION CERTIFICATION
FOR
EQUAL EMPLOYMENT OPPORTUNITY

This is to certify that _____
name of bidder

has executed a written Equal Employment Opportunity Affirmative Action Program in accordance with Titles VI and VII of the 1964 Civil Rights Act. Executive Order 11246 as amended, the Governor's Executive Order and the Equal Employment Opportunity Program of the City of Parma, Cuyahoga County, Ohio.

If, _____
name of bidder is found to have the lowest and best bid, we

understand that under the provisions of the resultant contract that we are obliged to take Affirmative Action to provide equal employment opportunity without regard to race, religion, color, sex, national origin or handicap.

_____ an authorized official of
_____ is responsible for the implementation of this contractual obligation.

Official's signature _____

Date _____

This certification becomes part of the resultant contract.

A F F I D A V I T

STATE OF OHIO)
) SS
COUNTY OF CUYAHOGA)

(1) _____, being first duly sworn,
deposes and says as follows:

1. He/She is the (2) _____ of
 (3) _____, which has a contract, with the
 City of Parma for
 (4) _____,
 _____, which contract was competitively bid.

2. (3) _____ was not charged at the time the bid
was submitted with any delinquent personal property taxes on the
general tax list of personal property in Cuyahoga County.

or

2. (3) _____ was charged at the time the bid was
submitted with delinquent personal property taxes on the general tax
list of personal property in Cuyahoga County in the amount of (5) \$
\$ _____ for due and unpaid delinquent taxes and (6) \$
\$ _____ for due and unpaid penalties and interest thereon.

3. (3) _____ understands and agrees that, as
required by Section 5719.042 of the Ohio Revised Code, if this
statement indicates that this contractor is charged with any
delinquent personal property taxes, the City Auditor of the City of
Parma will transmit a copy of this statement to the County Treasurer,
and that a copy of this statement will also be incorporated into the
contract, and no payment shall be made with respect to any contract
unless this statement has been so incorporated as a part thereof.

SWORN TO before me and subscribed in my presence this _____ day
of _____, 20_____.

Notary Public

Instructions

1. Insert name of person making statement.
2. Insert title (President, Secretary, etc.).
3. Insert name of Contractor.
4. Insert nature of contract or public improvement rendered.
5. Insert principal amount of delinquent personal property taxes, if any.
6. Insert penalties and interest owed for delinquent personal property taxes, if any.

CROSS OUT PARAGRAPH 2 WHICH DOES NOT APPLY.

CONTRACT

THIS AGREEMENT, made and entered into at Parma, Ohio this _____ day of _____, 20____ by and between the City of Parma, party of the first part, and _____, Contractor, party of the second part.

WITNESSETH: That the said party of the second part has agreed, and by these presents, does agree with the said party of the first part, for the consideration hereinafter mentioned and contained, and under the penalty expressed in a bond bearing even date with these presents and hereunto annexed, to furnish at his own cost and expense, all of the necessary materials and equipment, tools, and labor in excavating for, in the City of Parma, in the manner specified, and in conformity with the following standard and special specifications, and in accordance with the standard and special plans therefore, on file in the office of the City Engineer.

CITY OF PARMA, OHIO:

By _____
Mayor

By _____
Service Director

CONTRACTOR:

Company Name

Address

By _____
Signature

WITNESS:

The legal form and correctness of the proposal, contract, and bond contained herein approved this _____ day of _____, 20____.

Law Director, City of Parma

FISCAL CERTIFICATE

I hereby certify that the money required for this Contract is in the process of collections and is not appropriated for any other purpose.

Date: _____

Auditor, City of Parma

INDEPENDENT CONTRACTOR INFORMATION

PURSUANT TO SECTION 3121.891 OF THE OHIO REVISED CODE, EMPLOYERS IN THE STATE OF OHIO ARE OBLIGATED TO REPORT TO THE OHIO DEPARTMENT OF JOB AND FAMILY SERVICES, ALL EMPLOYEES WHO RESIDE OR WORK IN THE STATE OF OHIO. OHIO REVISED CODE, SECTION 3121.89 DEFINES AN "EMPLOYEE" AS "AN INDIVIDUAL WHO IS EMPLOYED TO PROVIDE SERVICES FOR COMPENSATION TO AN EMPLOYER" AND INCLUDES AN INDIVIDUAL WHO PROVIDES SERVICES TO AN EMPLOYER UNDER A CONTRACT AS AN INDEPENDENT CONTRACTOR AND WHO IS AN INDIVIDUAL, THE SOLE SHAREHODLER OF A CORPORATION OR THE SOLE MEMBER OF A LIMITED LIABILITY CORPORAITON.

If you are an individual; the sole shareholder of a corporation, or the sole member of a limited liability corporation, please provide the following information:

NAME: _____

DATE OF BIRTH: _____

SOCIAL SECURITY NUMBER: _____

-or-

EMPLOYER IDENTIFICATION NUMBER: _____

If this definition of an independent contractor does not apply to you, please indicate below and affix your signature.

- The definition of Independent Contract as stated in Ohio Revised Code Section 3121.89 does not apply to me.

Signature

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type
 See Specific Instructions on page 2.

Name	
Business name, if different from above	
Check appropriate box: <input type="checkbox"/> Individual/Sole proprietor <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Other ▶ <input type="checkbox"/> Exempt from backup withholding	
Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
City, state, and ZIP code	
List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see How to get a TIN on page 3.

Social security number

or

Employer identification number

Note: If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. person (including a U.S. resident alien).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 4.)

Sign Here	Signature of U.S. person ▶	Data ▶
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Purpose of Form

A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee.

Note: If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Foreign person. If you are a foreign person, use the appropriate Form W-8 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien.

Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the recipient has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a **nonresident alien or a foreign entity** not subject to backup withholding, give the requester the appropriate completed Form W-8.

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 30% of such payments (29% after December 31, 2003; 28% after December 31, 2005). This is called "backup withholding." Payments that may be subject to backup withholding include interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester, or
2. You do not certify your TIN when required (see the Part II instructions on page 4 for details), or
3. The IRS tells the requester that you furnished an incorrect TIN, or
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See the instructions below and the separate **Instructions for the Requester of Form W-9**.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of Federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Name

If you are an individual, you must generally enter the name shown on your social security card. However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name.

If the account is in joint names, list first, and then circle, the name of the person or entity whose number you entered in Part I of the form.

Sole proprietor. Enter your **individual** name as shown on your social security card on the "Name" line. You may enter your business, trade, or "doing business as (DBA)" name on the "Business name" line.

Limited liability company (LLC). If you are a single-member LLC (including a foreign LLC with a domestic owner) that is disregarded as an entity separate from its owner under Treasury regulations section 301.7701-3, **enter the owner's name on the "Name" line.** Enter the LLC's name on the "Business name" line.

Other entities. Enter your business name as shown on required Federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name" line.

Note: You are requested to check the appropriate box for your status (individual/sole proprietor, corporation, etc.).

Exempt From Backup Withholding

If you are exempt, enter your name as described above and check the appropriate box for your status, then check the "Exempt from backup withholding" box in the line following the business name, sign and date the form.

Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends.

Note: If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

Exempt payees. Backup withholding is not required on any payments made to the following payees:

1. An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2);
2. The United States or any of its agencies or instrumentalities;
3. A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities;
4. A foreign government or any of its political subdivisions, agencies, or instrumentalities; or
5. An international organization or any of its agencies or instrumentalities.

Other payees that **may be exempt** from backup withholding include:

6. A corporation;
7. A foreign central bank of issue;
8. A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States;

9. A futures commission merchant registered with the Commodity Futures Trading Commission;
10. A real estate investment trust;
11. An entity registered at all times during the tax year under the Investment Company Act of 1940;
12. A common trust fund operated by a bank under section 584(a);
13. A financial institution;
14. A middleman known in the investment community as a nominee or custodian; or
15. A trust exempt from tax under section 664 or described in section 4947.

The chart below shows types of payments that may be exempt from backup withholding. The chart applies to the exempt recipients listed above, 1 through 15.

If the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt recipients except for 9
Broker transactions	Exempt recipients 1 through 13. Also, a person registered under the Investment Advisers Act of 1940 who regularly acts as a broker
Barter exchange transactions and patronage dividends	Exempt recipients 1 through 5
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt recipients 1 through 7 ²

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation (including gross proceeds paid to an attorney under section 6045(f), even if the attorney is a corporation) and reportable on Form 1099-MISC are **not exempt** from backup withholding: medical and health care payments, attorneys' fees; and payments for services paid by a Federal executive agency.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see **How to get a TIN** below.

If you are a **sole proprietor** and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-owner LLC that is disregarded as an entity separate from its owner (see **Limited liability company (LLC)** on page 2), enter your SSN (or EIN, if you have one). If the LLC is a corporation, partnership, etc., enter the entity's EIN.

Note: See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form on-line at www.ssa.gov/online/ss5.html. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can get Forms W-7 and SS-4 from the IRS by calling 1-800-TAX-FORM (1-800-829-3676) or from the IRS Web Site at www.irs.gov.

If you are asked to complete Form W-9 but do not have a TIN, write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Writing "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded domestic entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 3, and 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). Exempt recipients, see Exempt from backup withholding on page 2.

Signature requirements. Complete the certification as indicated in 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA or Archer MSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
5. Sole proprietorship or single-owner LLC	The owner ³
For this type of account:	Give name and EIN of:
6. Sole proprietorship or single-owner LLC	The owner ³
7. A valid trust, estate, or pension trust	Legal entity ⁴
8. Corporate or LLC electing corporate status on Form 8832	The corporation
9. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
10. Partnership or multi-member LLC	The partnership
11. A broker or registered nominee	The broker or nominee
12. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name, but you may also enter your business or "DBA" name. You may use either your SSN or EIN (if you have one).

⁴ List first and circle the name of the legal trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA or Archer MSA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states, and the District of Columbia to carry out their tax laws. We may also disclose this information to other countries under a tax treaty, or to Federal and state agencies to enforce Federal nontax criminal laws and to combat terrorism.

You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 30% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer. Certain penalties may also apply.



Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

A. 1. (i) Minimum Wages. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section I(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible, place where it can be easily seen by the workers.

(ii) (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefor only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(b) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB control number 1215-0140.)

(c) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

(d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii)(b) or (c) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part

of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

2. Withholding. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract in the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work, all or part of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The Comptroller General shall make such disbursements in the case of direct Davis-Bacon Act contracts.

3. (I) Payrolls and basic records. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1(b)(2)(B) of the Davis-bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5 (a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been

communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017.)

(II) (a) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i) except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this subparagraph for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to HUD or its designee. (Approved by the Office of Management and Budget under OMB Control Number 1215-0149.)

(b) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5 (a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph A.3.(ii)(b).

(d) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under subparagraph A.3.(i) available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and Trainees.

(I) **Apprentices.** Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who

is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) **Trainees.** Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by

the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) **Equal employment opportunity.** The utilization of apprentices, trainees and journeymen under 29 CFR Part 5 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract

6. Subcontracts. The contractor or subcontractor will insert in any subcontracts the clauses contained in subparagraphs 1 through 11 in this paragraph A and such other clauses as HUD or its designee may by appropriate instructions require, and a copy of the applicable prevailing wage decision, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this paragraph.

7. Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.

10. (i) Certification of Eligibility. By entering into this contract the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be

awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001. Additionally, U.S. Criminal Code, Section 1 01 0, Title 18, U.S.C., "Federal Housing Administration transactions", provides in part: "Whoever, for the purpose of . . . influencing in any way the action of such Administration..... makes, utters or publishes any statement knowing the same to be false..... shall be fined not more than \$5,000 or imprisoned not more than two years, or both."

11. Complaints, Proceedings, or Testimony by Employees. No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

B. Contract Work Hours and Safety Standards Act. The provisions of this paragraph B are applicable where the amount of the prime contract exceeds \$100,000. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.

(1) **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.

(2) **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in subparagraph (1) of this paragraph, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (1) of this paragraph, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by the clause set forth in subparagraph (1) of this paragraph.

(3) Withholding for unpaid wages and liquidated damages. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (2) of this paragraph.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs (1) through (4) of this paragraph.

C. Health and Safety. The provisions of this paragraph C are applicable where the amount of the prime contract exceeds \$100,000.

(1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.

(2) The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, (Public Law 91-54, 83 Stat 96). 40 USC 3701 et seq.

(3) The contractor shall include the provisions of this paragraph in every subcontract so that such provisions will be binding on each subcontractor. The contractor shall take such action with respect to any subcontractor as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

General Decision Number: OH140029 08/08/2014 OH29

Superseded General Decision Number: OH20130029

State: Ohio

Construction Type: Residential

County: Cuyahoga County in Ohio.

RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories).

Modification Number	Publication Date
0	01/03/2014
1	01/17/2014
2	04/04/2014
3	04/25/2014
4	05/02/2014
5	05/30/2014
6	07/18/2014
7	08/08/2014

BROH0005-010 05/01/2013

	Rates	Fringes
BRICKLAYER.....	\$ 32.63	12.33

* ELEC0306-002 05/26/2014

	Rates	Fringes
ELECTRICIAN		
Exceeding four units under one roof.....	\$ 36.78	18.99
Four or less units under one roof.....	\$ 20.47	10.38

ENGI0018-028 05/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Bulldozer).....	\$ 35.56	13.90

ENGI0066-026 06/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR Crane.....	\$ 20.87	17.51

LABO0265-004 07/01/2013

	Rates	Fringes
LABORER (Mason Tender-Brick).....	\$ 21.45	10.90

PAIN0707-001 05/01/2012

	Rates	Fringes
PAINTER (Brush and Roller).....	\$ 22.34	11.74

SHEE0033-034 03/01/2014		

	Rates	Fringes
SHEET METAL WORKER (HVAC UNIT INSTALLATION).....	\$ 18.19	10.27

SHEE0033-035 03/01/2014		

	Rates	Fringes
SHEET METAL WORKER (HVAC DUCT INSTALLATION ONLY).....	\$ 17.66	10.02

SUOH2012-007 07/20/2012		

	Rates	Fringes
CARPENTER.....	\$ 18.50	8.33
CEMENT MASON/CONCRETE FINISHER...	\$ 27.04	0.00
LABORER: Common or General.....	\$ 15.71	1.71
OPERATOR: Backhoe/Excavator.....	\$ 16.00	1.33
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 29.49	11.16
PLUMBER.....	\$ 20.00	5.52
ROOFER.....	\$ 16.85	3.83

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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 Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

 The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial

contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

SOLE PROPRIETOR DAVIS-BACON WAIVER

I, _____, as a representative of

am fully aware that any duties I perform as a sole proprietor on the _____

_____ job site DO NOT apply to the Davis-Bacon Prevailing Wage

Act. These job site duties include any labor or mechanic work performed, the transporting of

materials and supplies to or from the job site, and the job site manufacturing or furnishing of

materials, articles, supplies, or equipment. It is also my understanding that any labor that I

may hire for or during this job or project WILL BE subject to the provisions of the Davis

Bacon Prevailing Wage Act.

Sole Proprietor Representative

Date

NOTICE TO ALL EMPLOYEES



Working on Federal or Federally Financed Construction Projects

MINIMUM WAGES

You must be paid not less than the wage rate in the schedule posted with this Notice for the kind of work you perform.

OVERTIME

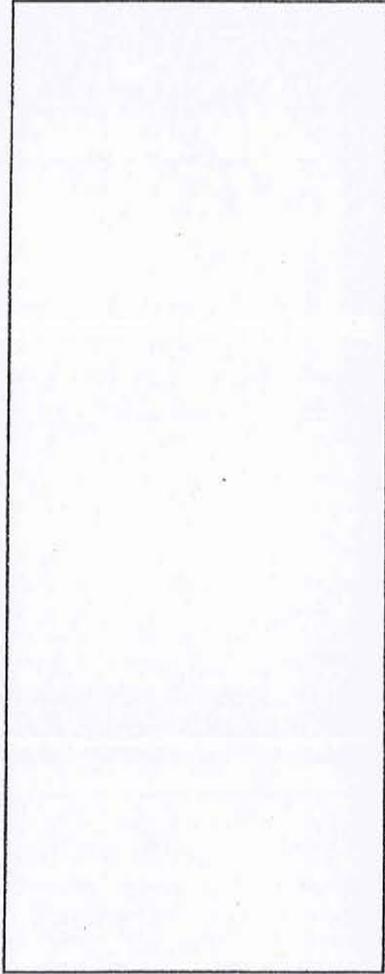
You must be paid not less than one and one-half times your basic rate of pay for all hours worked over 40 a week. There are some exceptions.

APPRENTICES

Apprentice rates apply only to apprentices properly registered under approved Federal or State apprenticeship programs.

PROPER PAY

If you do not receive proper pay, contact the Contracting Officer listed below:



or you may contact the nearest office of the Wage and Hour Division, U.S. Department of Labor. The Wage and Hour Division has offices in several hundred communities throughout the country. They are listed in the U.S. Government section of most telephone directories under:

**U.S. Department of Labor
Employment Standards Administration**

WH Publication 1321
Revised January 1986

☆ U.S. GOVERNMENT PRINTING OFFICE: 1966-209-906

U.S. Department of Labor
Employment Standards
Administration



Wage and Hour Division

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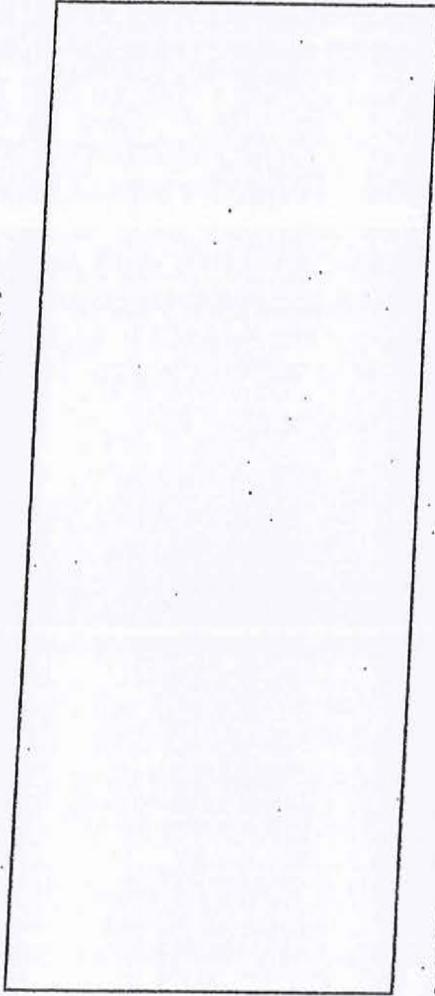
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Employment Standards Administration**

Publication 1321
1st January 1986

GOVERNMENT PRINTING OFFICE: 1984-205-000

U.S. Department of Labor
Employment Standards
Administration



Wage and Hour Division

Public Sidewalk, Curb & Catch Basin Replacement
The City of Parma

SECTION 01010 – SUMMARY OF WORK

PART 1 – GENERAL

1.01 TYPE OF CONTRACTS

- A. Contract shall be a lump sum prime contract for all the work as described and listed.

1.02 DESCRIPTION OF WORK

- A. The work shall be described by the entire set of Contract Documents, and shall be listed by street address and identified by the City with spray paint.

- B. Project Title:

**2014 Public Sidewalk, Curb & Catch Basin Replacement
The City of Parma**

- C. The work herein described proposes constructions as outlined in the contract documents. Work shall include all demolition, temporary structures, general trades work, site work and coordination work for the project.
- D. General Description of Work and Materials: Identified deficient sections of public sidewalk to be replaced with concrete in a manner consistent with the City of Parma Building Code and general trade practices. All required removal of existing material, root cutting, regarding and grass seeding must be included in the bid cost. It is the contractor's responsibility to locate and coordinate existing site utilities and contact OUPS prior to construction. Contractor shall also be responsible for obtaining pre-pour and final inspection approval from the City of Parma Building Department. The Contractor shall also match the finish of any existing public sidewalk abutting replacement work.
- E. Contract documents indicate the work of the contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are not indicated on the Contract Documents include, but are not necessarily limited to the following:
1. Existing site conditions and restrictions on use of the site.
 2. Work performed prior to work under this Contract.

1.03 SUMMARY OF REFERENCES:

- A. Work of the Contract can be summarized by references to the Contract, General Conditions, Supplementary Conditions, Specification Sections, Drawings, Addenda to the Contract Documents issued subsequent to the initial printing of this Project Manual and including, but not necessarily limited to printed material referenced by any of these. It is also recognized that work of the Contract is also unavoidably affected or influenced by governing regulations, natural phenomenon including weather conditions and other forces outside the contract documents.
- B. Reference Standards: Whenever reference is made to codes, standard specifications, industry standards, data published by regulatory agencies or industry accepted organizations, it shall be understood that such reference is made to latest edition (including addenda) published prior to date of Contract Documents, except as noted specifically otherwise by date in Contract Documents.
- C. Manufacturer's Specifications: Products and execution methods specified by reference to published specifications of a manufacturer shall comply with requirements of latest edition published prior to the date of the Contract Documents except as noted specifically otherwise by date in the Contract Documents.
- D. Codes and Regulations: Applicable state codes, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the Contract and are hereby made a part of the Contract the same as though included in the Contract Documents.

1.04 PLACEMENT

- A. Replacement shall occur within footprint of existing public sidewalk or path. Expansion or reduction of this footprint shall be done only upon approval of the City of Parma Building Inspector.

1.05 CONTRACTOR'S USE OF THE PREMISES

- A. In general, the Contractor must keep all construction materials and equipment secured at all times. Other arrangements for storage, field offices, etc. may be made upon the approval of the owner.
- B. The Contractor shall coordinate his/her use of the premises with the Owner, through his/her representative. The Contractor must provide a full-time superintendent throughout the life of his/her contract.

- C. The Contractor shall confine his/her use of the premises to the public portion of the sidewalk and tree lawn. Use of area beyond those limits requires the permission of the Owner and/or adjoining property owners.
- D. The Contractor shall protect and restore all areas disturbed by his/her work to a condition that is equal to the existing prior to construction. Contractors are encouraged to photo or video document the existing conditions prior to commencement of work.

1.06 ALTERATIONS AND COORDINATION

- A. General: The work of this Contract includes coordination of the entire work of the project, including preparation of general coordination drawings, diagrams and schedules, and control of site utilization, from beginning of construction activity through project close-out and warranty periods.

1.07 MISCELLANEOUS PROVISIONS

- A. None.

PART 2 – PRODUCTS

- A.

PART 3 – EXECUTION

A. REMOVE EXISTING SIDEWALK, CONSTRUCT 4" CONCRETE SIDEWALK

Under this item the Contractor shall furnish all labor, equipment and materials to remove existing sidewalk and install five foot (5') wide and four inch (4") thick concrete sidewalk with 2" aggregate base. In the case of existing sidewalks being less than five feet (5') in width, contractor shall replace to conform with existing size of sidewalk.

Joints in walks shall be placed at five foot (5') intervals with expansion joints placed every 30 feet, each side of driveway and where new work meets existing concrete. All concrete walks shall have 2" granular cushion. The contractor shall dispose of all removed sidewalk from the site of work to a location approved by the City Engineer.

The Contractor shall saw a perpendicular joint between that portion of the sidewalk to be removed and that which is to remain in place. If the Contractor removes or damages the existing sidewalk outside the limits designated by the City of Parma for removal and replacement, he will be required to repair that portion at his/her expense to the satisfaction of the City of Parma. The Contractor shall be responsible for any damage and/or vandalism to the sidewalk during the construction period. Marked or damaged sidewalk shall be removed to the nearest dummy or expansion joint and replaced by the Contractor at the Contractor's expense.

SUMMARY OF WORK

August 2014

The quantity to be paid for under this item shall be the actual number of square feet of sidewalk installed. The number of square feet of sidewalk shall be determined from the City's final measurements.

The quantity measured as above shall be paid for at the contract unit price as called for in the proposal, which price shall constitute full compensation for furnishing all labor, materials, tools and equipment, including excavation and backfill, removing, disposing and incidentals necessary to complete these items as specified, complete and accepted.

B. REMOVE EXISTING SIDEWALK/APRON/DRIVEWAY; CONSTRUCT 6" CONCRETE REINFORCED SIDEWALK/APRON/DRIVEWAY

This item shall consist of installing six inch (6") thick concrete sidewalk, apron and/or driveway with two inch (2") aggregate base, reinforced with wire mesh as marked by the City.

Joints in walks shall be placed at five foot (5') intervals with expansion joints placed every 30 feet, each side of driveway and where new work meets existing concrete. All concrete walks, aprons and driveways shall have 2" granular cushion. The contractor shall dispose of all removed sidewalk, apron and/or driveway from the site of work to a location approved by the City Engineer.

The Contractor shall saw a perpendicular joint between that portion of the sidewalk to be removed and that which is to remain in place. If the Contractor removes or damages the existing sidewalk outside the limits designated by the City of Parma for removal and replacement, he will be required to repair that portion at his/her expense to the satisfaction of the City of Parma. The Contractor shall be responsible for any damage and/or vandalism to the sidewalk during the construction period. Marked or damaged sidewalk shall be removed to the nearest dummy or expansion joint and replaced by the Contractor at the Contractor's expense.

The quantity to be paid for under this item shall be the actual number of square feet of sidewalk installed. The number of square feet of sidewalk shall be determined from the City's final measurements.

The quantity measured as above shall be paid for at the contract unit price as called for in the proposal, which price shall constitute full compensation for furnishing all labor, materials, tools and equipment, including excavation and backfill, removing, disposing and incidentals necessary to complete these items as specified, complete and accepted.

C. REMOVAL/CUTTING OF INTRUSIVE TREE ROOTS

This work shall consist of the cutting, removal and disposal of existing tree roots that is necessary to complete the work. Known areas that obviously have tree roots have been identified on the location listing whereby to the City's knowledge, the removal/cutting of tree roots will not adversely impact the health of a public or private tree. At any time, upon detection of unknown roots or the determination that cutting/removal of roots *may* destabilize or impact the health of a tree, the Contractor shall inform the City immediately prior to continued work. The payment for this work shall be included with Bids of Parts A & B.

D. HANDICAP RAMPS

Under this item the Contractor shall furnish all labor, equipment and materials to construct handicap ramps in accordance with ODOT Item 608 as shown under Item CC. The quantity to be paid for under this item shall be the actual number of curb ramps installed. The quantity measured as above shall be paid for at the contract unit price as called for in the proposal, which price shall constitute full compensation for furnishing all labor, materials, tools and equipment, including excavation and backfill, removing, disposing, and incidentals necessary to complete these items as specified, complete and accepted.

E. BACKFILLING AND SEEDING

After removing the forms, and within three (3) working days, the Contractor shall backfill to match the sidewalk and exiting adjustment grades with topsoil. The topsoil shall be fine graded and seeded with ODOT Class I lawn mixture.

F. BARRICADES

All areas where sidewalks have been removed shall be properly protected by barricades until the concrete has been poured, cured and backfilled.

END OF SECTION 01010

SP-1

2014 Sidewalk Program										
House #	Street Name	Ward	Notes	4" Walk	6" Apron	6"Walk	Curb LF	4" Drive	Roots?	
5305	Dartmouth	1		180	144	40	15	0	Y	
7615	Manhattan	1		125	60	45	15	0		
8330	Pinegrove	1		300	147	90	0	0		
8514	West Moreland	1		15	98	40	17	0		
9109	Fernhill	1		140	72	35	13	0		
11269	Richard	1		45	72	45	16	27		
10579	Sharon	1		75	0	45	0	0		
5518	Abraham	1		150	84	50	14	0		
6811	Lueda	2		220	0	30	0	0		
5802	Charles	2		160	0	40	0	0	Y	
7002	Theota	2		170	80	150	0	0		
6802	Forest	2		75	80	45	12	0		
6117	Wareham	2		155	0	50	0	0	Y	
5510	Brownfield	2		150	70	50	15	0	Y	
5415	Laverne	2		0	70	9	12	0		
8124	Spring Garden	2		235	55	40	13	0		
7891	Theota	2		100	189	90	0	0		
3323	Maplecrest	3		20	80	20	0	0		
3124	Torrington	4		250	0	0	0	0	Y	
1311	Tuxedo	4		100	0	50	0	0	Y	
1675	Marietta	4		175	0	0	0	0		
3206	Torrington	4		75	78	75	12	0		
3203	Torrington	4		140	50	0	0	0	Y	
3439	Groewood	4		108	0	36	0	0	Y	
3911	Torrington	4		112	0	0	0	0		
2103	Camelot	5		250	0	0	0	0		
7601	Biscayne	5		25	187	90	0	0		
2793	Brian	5		180	0	0	0	0	Y	
7581	North Sarasota	5		25	204	0	22	0		

SP-2

House#	Street Name	Ward	Notes	4" Walk	6" Apron	6" Walk	Curb LF	4" Drive	Roots?
11179	Gordon	7		265	121	45	0	0	
7815	York	7		275	240	25	0	0	
7575	Ann Arbor	7		0	91	0	18	0	
7581	Ann Arbor	7		115	91	55	16	0	
11505	Stormes	7		255	143	50	0	0	
11545	Stormes	7		255	168	50	0	0	
6106	Ackley	8		150	0	5	0	0	Y
6917	Day	8		275	350	85	26	0	Y
3501	Park	9		600	0	0	0	0	
5756	South Park	9		165	0	55	0	0	Y
5758	South Park	9		1000	0	0	0	0	
	TOTALS			7110	3024	1535	236	27	
	Contingency			1500	500		100		
	BID TOTAL			8,610	3,524	1,535	336	27	

Ohio Department of Transportation
Inter-Office Communication
Office of Roadway Engineering Services

Date: June 7, 2002

To: Cash Misel, Assistant Director of Planning and Production
Mary Ellen Kimberlin, Assistant Director of Highway Management
All District Deputy Directors
All District Planning Administrators
All District Production Administrators
Linda Baliff
Gary Angles
Tony Vogel
Bill Ujvari
Andy Blalock, FHWA
Mark VonderEmbse, FHWA

From: Larry Sutherland, Deputy Director, Office of Roadway Engineering Services

Subject: Detectable Warnings on Curb Ramps

FHWA's Division office has informed ODOT that the Americans with Disabilities Act (ADA) requirement for detectable warnings on curb ramps is now in effect after being suspended for almost a decade. Detectable warnings allow blind or visually impaired persons to detect the end of the ramp before they inadvertently enter traffic. Please note the requirements applies to all public sidewalks and streets, regardless of funding source.

In a memo dated May 6, 2002 FHWA's HQ attempted to clarify the issue of domes as they apply to the Americans with Disabilities Act of 1990. The memo states that since July 26, 2001 detectable warnings are required for use at curb ramps. Truncated domes are the only acceptable detectable warning at this time.

ODOT has modified its standards to comply with current detectable warning requirements. FHWA recommends ODOT investigate where curb ramps have been installed since July 26, 2001 without detectable warnings and consider an appropriate means to address these deficiencies. Projects which are currently being reviewed at Stage 3, or have already completed Stage 3 reviews, probably do not have detectable warning on their curb ramps. All plans with curb ramps should be modified to include detectable warnings, effective immediately.

On the Office of Roadway Engineering web site (<http://www.dot.state.oh.us/roadwayengineering>) is a summary of Detectable Warnings for identifying the history, specification, application, types and products. Portions of this summary will be included in the Location and Design Manual, Volume 1, Section 306.

Given the various methods for providing truncated domes, ODOT has chosen to use brick or concrete dimensional pavers as our standard treatment. These are extremely durable systems and perform better in Ohio's weather and under vehicular loading than other systems. See Curb Ramp PIS for details.

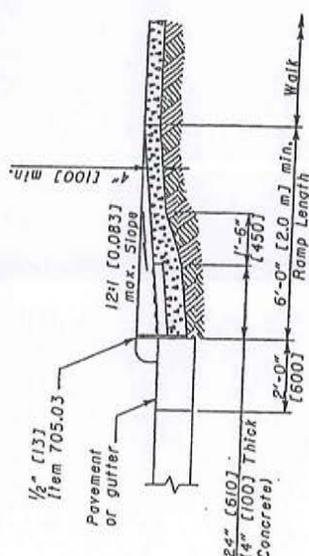
NOTES

SURFACE TEXTURE: Texture of concrete surfaces shall be obtained by coarse brooming transverse to the ramp slopes and shall be rougher than adjacent walk.

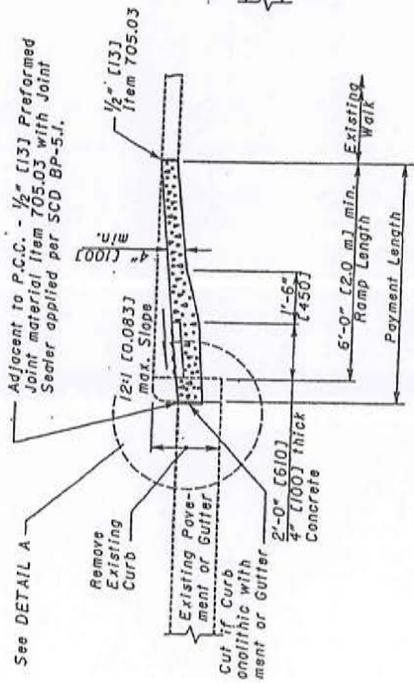
TRUNCATED DOME: Install detectable warnings (truncated domes) for a distance of 24" (610) from the back of the curb for the entire width of the ramp opening as shown on details on Sheet 1.

Pavers will meet ASTM C 902 Class SX, Type 1, or C 936, or C 1212 Type R.

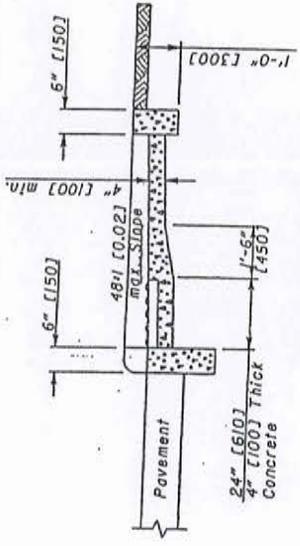
Acceptable manufacturers and products are:
 1) Whitacre-Greer Fireproofing Company,
 1400 S. McWhining Ave, Alliance, OH, 44601, (800) WG PAVER
 ADA Paver, 4"x8"x2-1/4", Clear Red (Rustic) #30.



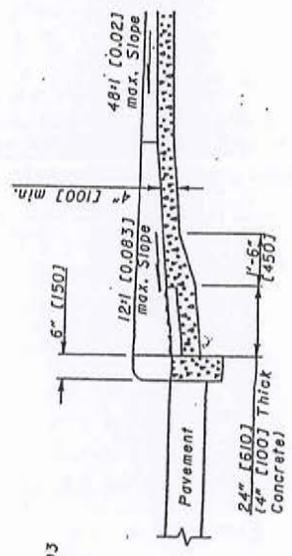
**SECTION A-A
NORMAL DETAIL**
See Sheet 1 of 3.
(Gutter shown)



**SECTION A-A
EXISTING WALK DETAIL**
See Sheet 1 of 3.



SECTION B-B
See Sheet 1 of 3.

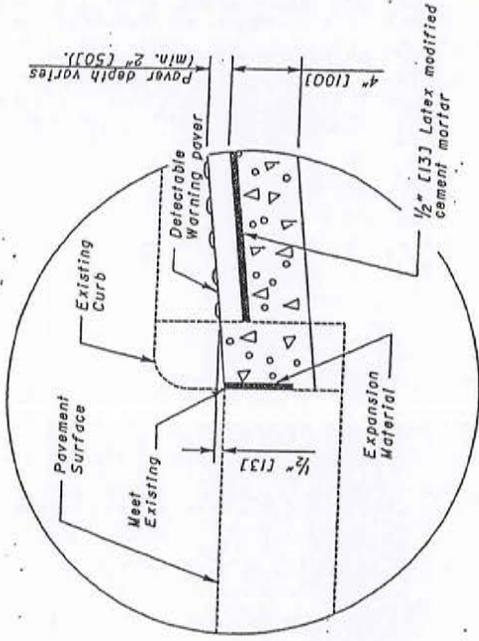


SECTION C-C
See Sheet 1 of 3.

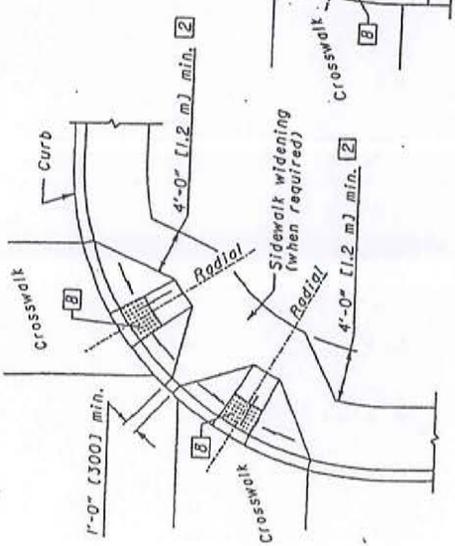
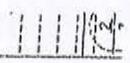
The surface of any two adjacent units should not differ by more than 1/8 inch (3.2) in height. Bricks shall be placed in a running bond pattern. Face of all brick shall be clean and protected so as to avoid chipping during construction.

EXPANSION JOINTS: shall be provided in the curb ramp as extensions of walk joints and consistent with Item 608.03 requirements for a new concrete walk. A 1/2 inch (13) Item 705.03 expansion joint filler shall be provided around the edge of ramps built in existing concrete walk. Lines shown on this drawing indicate the ramp edge and slope changes and are not necessarily joint lines.

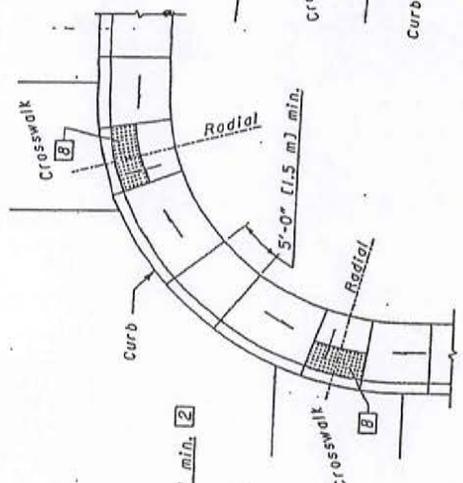
PAYMENT: Walk and curb, Items 608 and 609, shall be measured through the curb ramp area paid for under their respective items. Item 608 - Curb Ramp. As Per Plan, Each constructed in new curb and walk shall include the cost of any additional materials and installation (including truncated domes), grading, forming and finishing. Item 609 - Curb Ramp. As Per Plan, Square Foot (Meter), constructed in existing curb and walk shall include the cost of furnishing and installing all materials (including truncated domes), grading, forming and finishing of the curb and walk of the curb ramp. Removal of existing curb and walk shall be paid for under Item 202.



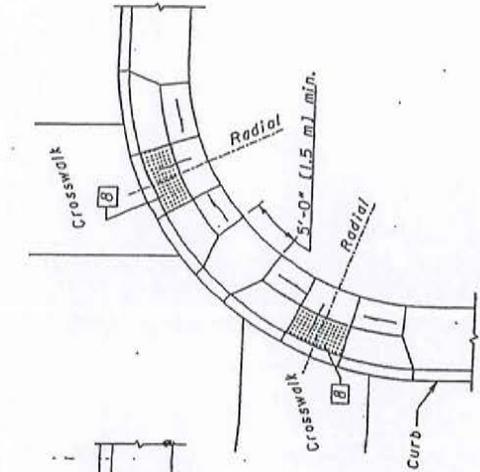
DETAIL A



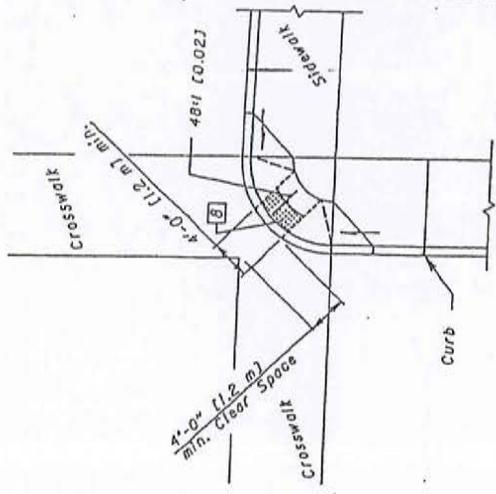
DESIGN A
PERPENDICULAR RAMP



DESIGN B
PARALLEL RAMP



DESIGN C
COMBINATION RAMP

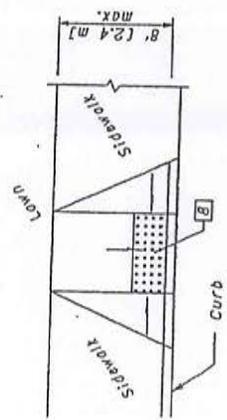


DESIGN D
DIAGONAL RAMP

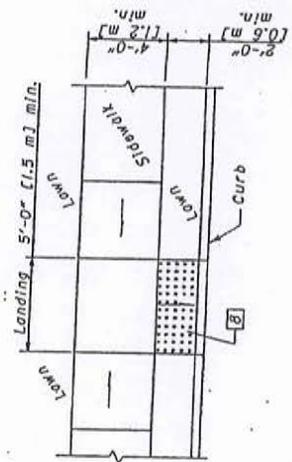
Use in existing walks only and when site constraints prohibit other designs. The diagonal ramp may be perpendicular, parallel or combination. Avoid using where curb radii are less than 20'-0" (6.0 m).

CORNER CURB RAMP DESIGNS
(See Curb Ramp Details on Sht. 1/3 for additional requirements.)

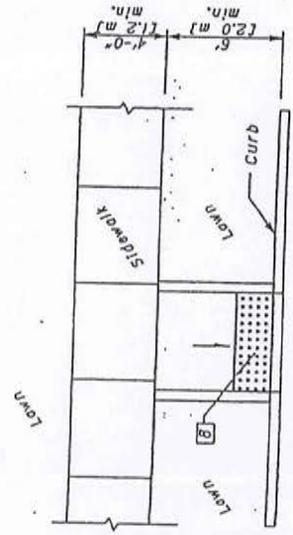
For LEGEND, See sheet 1.



DESIGN E
PERPENDICULAR RAMP



DESIGN F
PARALLEL RAMP



DESIGN G
PERPENDICULAR RAMPS
w/o FLARES

MID BLOCK CURB RAMP DESIGNS
(See Curb Ramp Details on Sht. 1/3 for additional requirements.)

CONCRETE CURB REPAIR – ITEM 2

Description

This item shall consist of replacement of deteriorated curbing at locations designated by the Engineer or his designate with ODOT Type 2 or Type 6 curbing.

Materials

Subbase – ODOT 304, limestone only

Concrete – ODOT Class C

Curing Materials – ODOT 705.04

Joint Sealer – ODOT 705.04

Performance

The contractor shall saw cut along the existing face of curb if the curbing is integral with the pavement. Placement of the new curb shall conform to ODOT 609.

Incidental to this item of work shall be the installation of ½” deformed tie bars or hook bolts to secure the sections of new curb to the adjacent concrete curbs. Gaps between the new curb and the pavement shall be filled with concrete and finished flush to the pavement surface.

Curbs replaced in front of existing drive aprons may require the apron to be saw cut behind the curb. The contractor shall include a minimum of two feet of apron removal and replacement in the cost of this item for 2500 lf of the curb.

The contractor shall repair all grass areas disturbed under this item.

Measurement and Payment

Payment for this item shall be made at the unit price bid for each linear foot of curb removed and replaced, in kind, complete, and accepted.

SUBBASE REMOVAL AND REPLACEMENT – ITEM 3

Description

This item shall consist of replacement of existing subbase/subgrade in areas that are determined by the Engineer to be unsuitable during the performance of item 1.

Materials

Subbase – ODOT 304, limestone only

Description

The subbase/subgrade shall be removed to a depth of 6" per ODOT 203. The subbase material shall be placed and compacted per ODOT 304.

Measurement and Payment

The quantity of subbase shall be the number of cubic yards of material as placed as determined by field measurements.

The accepted quantities shall be paid for at the unit price bid, which price and payment shall be full compensation for all excavation, disposal of existing material, and placement of the subbase.

CATCH BASIN CASTING ADJUSTED TO GRADE – ITEM 4

Description

The item shall consist of adjusting the existing catch basin castings to grade at the locations shown in the bid tabs.

Material

Clay brick
Precast concrete rings

Performance

Castings shall be adjusted by adjusting the height of the supporting walls by means of brick and mortar or precast concrete rings as necessary to reset the existing frame in a bed of mortar or concrete. Adjustment courses shall be parged with mortar on both the inside and outside of the structure.

This item includes cleaning of all existing debris from inside the structure.

The contractor shall exercise care when removing castings such that they are not damaged. Castings damaged as a result of the Contractor's operations shall be replaced at no additional cost to the City.

The pavement removal and replacement of the catch basin box-out shall be performed under Item 1 – Pavement Repair

Measurement and Payment

Payment for this work shall be made at the unit price bid for each casting adjusted to grade, which price shall constitute full compensation for furnishing, handling, mixing and placing all materials, and for all labor, equipment, tools, and incidentals necessary to complete the work.

CATCH BASIN REMOVED AND REPLACED – ITEM 5

Description

This item shall consist of removing existing catch basin and installing CB-3C catch basin, as directed by the Engineer.

Materials

Precast basins per ODOT 604.02

Casting – East Jordan 7035 with T-4 bach and M6 grate or equal

Performance

Remove existing catch basins per ODOT 202. Backfill excavation with ODOT 304 limestone, compacted in 12" lifts.

Catch basins shall be installed per the details provided. Reconnect pipe under this item of work. Pipe for reconnection shall be included in this item. Provide knockouts for reconnection of the underdrain pipes.

Measurement and Payment.

The quantity of catch basins paid for shall be the actual number of each type removed and replaced as measured by the Engineer.

The accepted quantities shall be paid for at the unit price bid, which price and payment shall be full compensation for all excavation, removal and disposal of existing materials, furnishing and installing catch basins, and restoral.

CLEAN-UP AND SEEDING

As the work progresses, the Contractor shall keep the site reasonably free of debris, discarded materials and equipment. He shall maintain streets in a safe and convenient condition for travel as well as providing vehicular access to the abutting properties. Upon completion of the work, the Contractor shall remove all surplus excavated materials, tools, equipment, and temporary buildings from the site and restore all pipes, sidewalks, retaining walls, guardrails, mailboxes and other items affected by the construction operations.

The Contractor shall restore to original grade and seed all lawn and grass areas disturbed by construction to the satisfaction of the Engineer and the City of Parma.

The soil shall be prepared as detailed in Item 659 Seeding and Mulching of the Construction and Material Specifications including a 2" bed of topsoil, and commercial fertilizer of 10-6-4 formula applied evenly to the surface at a rate of 10 pounds per 1,000 square feet and worked into the top 2" of topsoil.

Before sowing grass seed, the ground must be reasonably smooth, friable and of even texture. Seed shall not be sown when the soil is muddy, baked hard, or when the wind is blowing so strongly as to prevent even distribution.

Seed shall be of the following mixture and shall be sown at a rate of 4 pounds per 1,000 square feet.

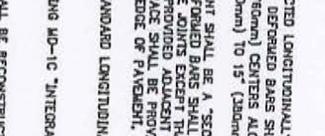
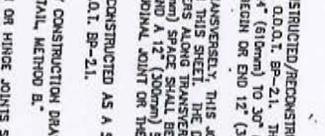
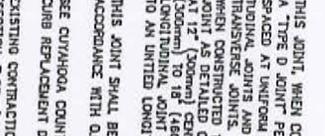
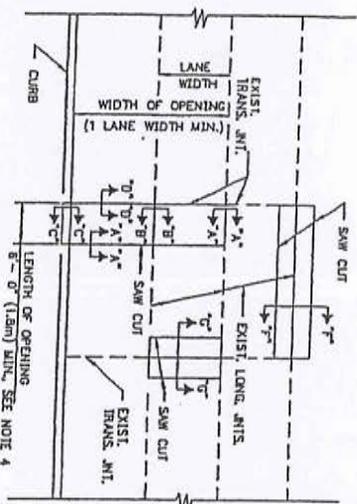
Residential and Urban Areas

- 40% Kentucky Bluegrass
- 30% Creeping Red Fescue
- 30% Manhattan, Pennfine Ryegrass

All Other Areas

- 30% Kentucky Bluegrass
- 40% Kentucky 31 Fescue
- 30% Perennial Ryegrass

Seed shall be evenly sown, lightly raked into the top 1/4 inch of soil, and rolled lightly with a lawn roller. If the weather is dry, the Contractor shall sprinkle the seeded areas until an even, dense growth of grass cover over the seeded area is established. The cost of such work shall be included in other items of work.



THIS JOINT, WHEN CONSTRUCTED/RECONSTRUCTED LONGITUDINALLY, SHALL BE A TYPE D JOINT PER O.D.I. BP-2.1. THE DEFORMED BARS SHALL BE SPACED AT UNIFORM 24" (610mm) TO 30" (762mm) CENTERS ALONG LONGITUDINAL JOINTS AND BEGIN OR END 12" (300mm) TO 15" (380mm) FROM TRANSVERSE JOINTS.

WHEN CONSTRUCTED TRANSVERSELY THIS JOINT SHALL BE A SECTION-TYPE T JOINT AS DETAILLED ON THIS SHEET. THE DEFORMED BARS SHALL BE SPACED AT UNIFORM 12" (300mm) CENTERS ALONG TRANSVERSE JOINTS. THE JOINT SHALL BE 12" (300mm) TO 18" (450mm) WIDE. THE JOINT SHALL BE PROVIDED ADJACENT TO AN UNIFIED LONGITUDINAL JOINT OR THE EDGE OF PAVEMENT.

THIS JOINT SHALL BE CONSTRUCTED AS A STANDARD LONGITUDINAL JOINT IN ACCORDANCE WITH O.D.I. BP-2.1.

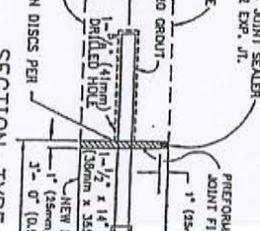
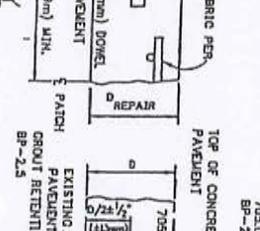
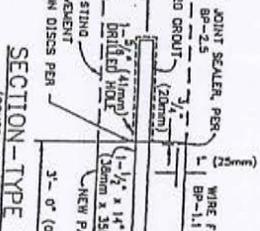
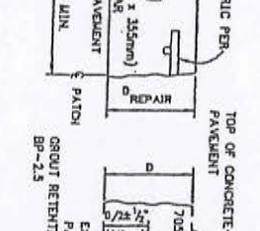
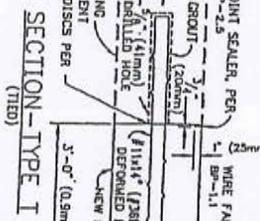
SEE CUYAHOGA COUNTY CONSTRUCTION DRAWING MD-1C "INTERNAL CONCRETE CURB REPLACEMENT DETAIL METHOD B."

EXISTING CONTRACTION OR HINGE JOINTS SHALL BE RECONSTRUCTED AS A SECTION-TYPE Y JOINT. EXPANSION JOINTS SHALL BE RECONSTRUCTED AS A SECTION-TYPE X JOINT. BOTH ARE DETAILLED ON THIS DRAWING. DOMES 18" (450mm) SPACE SHALL BE PROVIDED ADJACENT TO TIED LONGITUDINAL JOINT AND A 12" (300mm) SPACE SHALL BE PROVIDED ADJACENT TO AN UNIFIED LONGITUDINAL JOINT ON THE EDGE OF PAVEMENT.

NOTES

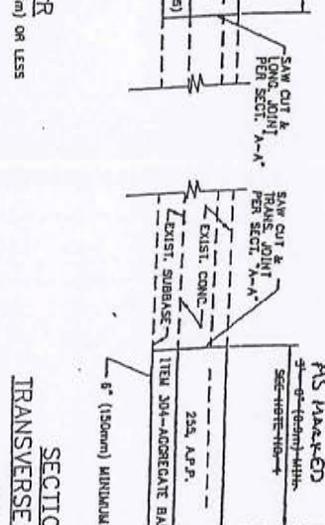
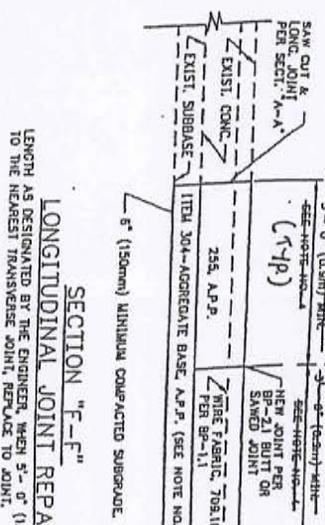
1. FOR ADDITIONAL RIGID REPLACEMENT DETAILS, SEE O.D.I. S.C.A. BP-2.1. THE INFORMATION ON THIS DRAWING CONFLICTS WITH BP-2.4. THIS DRAWING SHALL GOVERN.
2. THIS DRAWING IS USED IN CONJUNCTION WITH O.D.I. STANDARD CONSTRUCTION DRAWINGS BP-1.1, BP-2.1, BP-2.2 AND DRAWING MD-1C.
3. ALL WORK SHALL CONFORM TO ITEM 255-PAL 657H PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS NOTES, SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS REFERENCED THEREIN.
4. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, REMOVE ENTIRE SLAB WHEN LESS THAN TWENTY- FIVE (25) PERCENT SALVAGEABLE.
5. WHERE THE THICKNESS OF THE ITEM 304-AGGREGATE IS LESS THAN 15 PERCENT (15) INCHES (75mm), USE SCREENINGS GRADDED IN ACCORDANCE WITH TABLE 100 (150 MICRON) SIEVE SHALL BE FIVE (5) PERCENT.
6. SEE THE CUYAHOGA COUNTY ENGINEER'S CONSTRUCTION DRAWING MD-1C "REPAIR OF RIGID PAVEMENT OPENINGS" WHEN PAVEMENT REPAIRS ARE NECESSITATED BY TRENCH OPENINGS.

STRUCTURAL JOINT REPAIR IN RIGID PAVEMENT OR BASE



TRANSVERSE JOINT LEGEND

- (C) - PER BP-2.2 CONTRACTION JOINT
- (E) - PER BP-2.2 EXPANSION JOINT
- (H) - EXISTING HINGE (WARPING) JOINT
- * REPLACE (C) OR (E) IN KIND.
- * REPLACE (H) WITH (C).



CUYAHOGA COUNTY ENGINEER

STRUCTURAL RIGID PAVEMENT & JOINT REPAIRS

CONSTRUCTION BP-2.5C

DA	10-2
5-1	10-2
5-2	10-2
5-3	10-2
5-4	10-2
5-5	10-2
5-6	10-2
5-7	10-2

NOTES

CASTINGS SHALL NORMALLY MEET THE REQUIREMENTS OF 604-
 11.1.2 A.S.T.M. A 48, CLASS 55B GRAY IRON.
 MINIMUM WEIGHTS: 30 FRAME LBS. ± 5%
 30 GRATE LBS. ± 5%
 30 CURB CASTING LBS. ± 5%

SUBJECT TO THE ABOVE, THE FOLLOWING OR APPROVED
 EQUAL CASTINGS ARE ACCEPTED:

NEEDHAM No. B-2048-C1 OR EAST KROHMAN No. 7033 WITH TYPE
 M6 GRATE AND TYPE 10 CURB CASTING.

THE FOLLOWING TEXT SHALL BE CAST INTO THE TOP OF THE CURB
 CASTING: "DUMP NO WASTE AND DRAINS TO WATERWAY"
 TEXT SHALL BE PRINTED IN BOLD, CAPITAL LETTERS WITH A
 MINIMUM HEIGHT OF 3/16" "WATERWAY" MAY BE SUBSTITUTED WITH
 "STREAM", "RIVER", "LAKE", ETC. ACTUAL PLACEMENT AND LOGO MAY
 VARY PER MANUFACTURER.

BEARING AREAS OF FRAME AND GRATE SHALL BE SO FITTED AND
 FINISHED AS TO PROVIDE A FIRM AND EVEN SEAT FOR ALL PORT-
 LONS OF THE GRATE IN THE FRAME AND THE PORT-
 LONS ON BEARING AREAS OF EITHER CASTING AND THE PORT-
 LONS SHALL BE FINISHED WITHOUT NOTCHING. EACH FRAME AND GRATE
 SHALL BE IDENTIFIED, MATCHED AND MARKED BEFORE DELIVERY TO
 THE PROJECT.

DOBELLS: FOUR (4) 1 1/2" x 18" DOBELLS ARE REQUIRED FOR CONCRETE
 PAVEMENT OR GUTTER BLOCKOUT. SEE BP-2.2 FOR DOBELL DETAILS.
 BRICK-CONCRETE BLOCK OR CAST-IN-PLACE CONCRETE SIDE WALLS,
 WHEN USED IN LIEU OF PRECAST CONCRETE, SHALL BE EIGHT (8)
 INCHES NOMINAL THICKNESS.

PRECAST CONSTRUCTION IS PERMITTED (EXCEPT FOR THE BLOCK-
 OUT PAVEMENT) AND CONCRETE SHALL MEET THE BLOCK-
 OUT SPECIFICATIONS. WALLS SHALL HAVE A MINIMUM THICKNESS OF SIX
 (6) INCHES AND PLACEMENT SHALL BE SUFFICIENT TO PERMIT SIX
 SHIFTS AND PLACEMENT FROM THE OUTSIDE.

REDUCED PIPE OPENINGS SHALL BE THE O.D. OF PIPE BEING COM-
 PLETED PLUS TWO (2) INCHES. ALL FITTINGS ATTACHED OR FIELD CUT, THE
 INTERSTITIAL SPACE SHALL BE FILLED WITH GROUT PER CMS 601.

BLOCKOUTS: WHERE EITHER SIDE OF THE CATCH BASIN BLOCKOUT IS
 THE CONTRACTION JOINT SHALL BE LOCATED AS CLOSE TO THE CENTER
 LIMITS OF THE BLOCKOUT, EXCEPT AS SPECIFIED ABOVE. WITHIN THE
 PAVEMENT LOCATED NO CLOSER THAN FIVE (5) FEET FROM THE CONTRA-
 CTION JOINT. SEE CONSTRUCTION DRAWING BP-2.5C (SECTION TYPE "Y"
 HINGE JOINT LOCATION) PAVEMENT SHALL EXISTING CONTRACTION OR
 604-CATCH BASIN, CUYAHOGA COUNTY NO. 30 WORK SPECIFIED, AND/
 OR AS DIRECTED BY THE ENGINEER.

WHERE THE SPECIFIED CATCH BASIN WORK REQUIRES THE CONSTRU-
 CTION OF BLOCKOUTS IN EXISTING PAVEMENT, THE
 BLOCKOUTS SHALL CONFORM TO THE FOLLOWING: (1) THE
 TAILS SHOWN HEREON EXCEPT AS NOTED, SHALL BE AS SHOWN TO THE DE-
 TAIL. (2) THE BLOCKOUT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE
 PROVISIONS OF THE UNIT PRICE BIDDING SPECIFICATIONS, ITEM
 604-CATCH BASIN, CUYAHOGA COUNTY NO. 30 WORK SPECIFIED, AND/
 OR AS DIRECTED BY THE ENGINEER.

A CLASS "C" CONCRETE APRON, THE SIZE OF THE TWO (2) FOOT MINIMUM
 GUTTER BLOCKOUT SHALL BE CAST IN PLACE IN FULL 1/2" WITH
 DOBELLS PAVEMENT AND NO DOBELLS ARE REQUIRED WITH THE CURB
 INCLUDED IN THE CATCH BASIN BID PRICE.

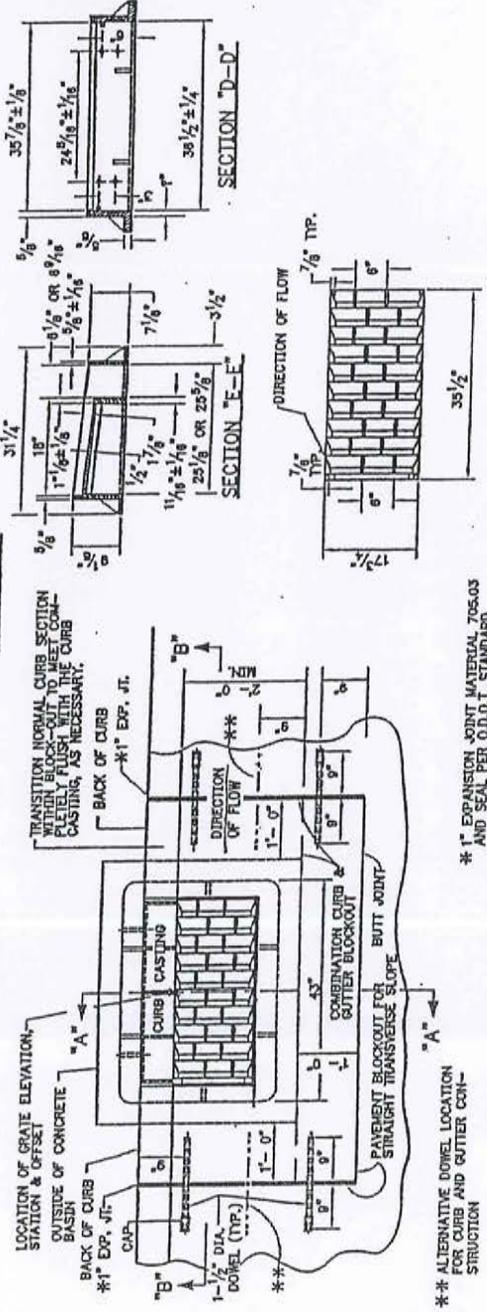
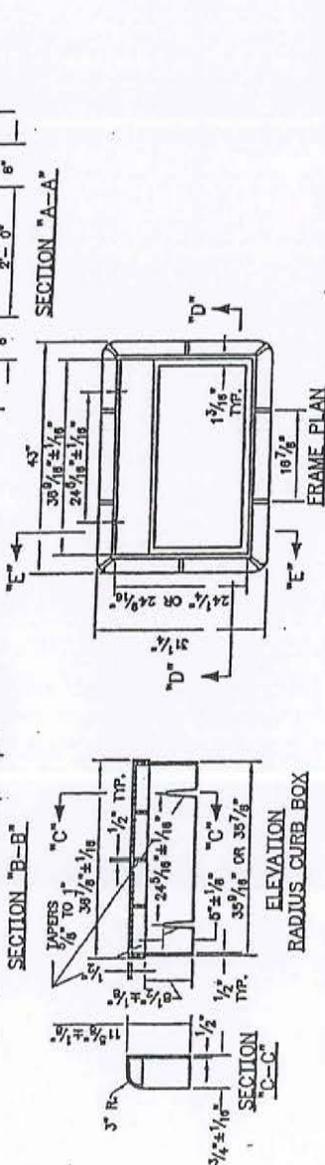
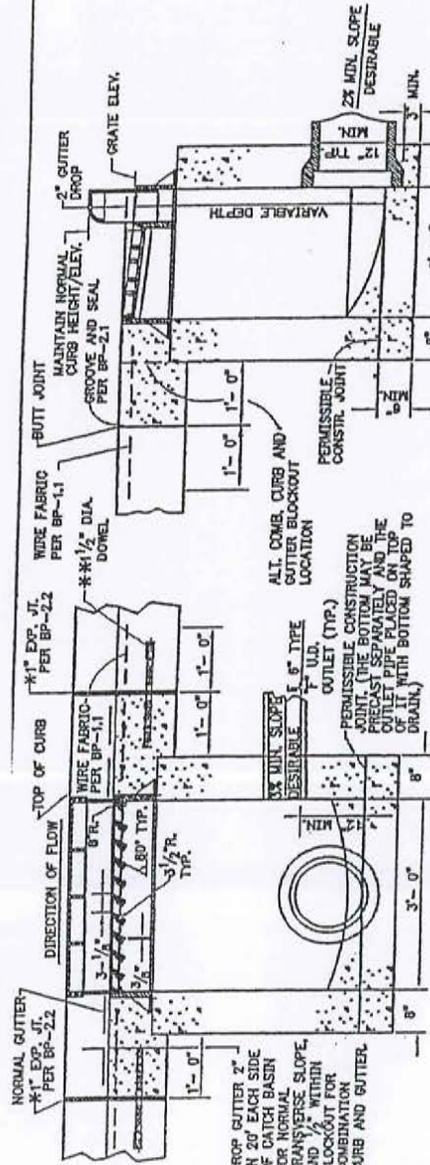
ANY/ALL EXTRA MATERIAL, LABOR AND EQUIPMENT REQUIRED TO
 CONSTRUCT THE PAVEMENT, CURB, SUBBASE, SUBGRADE AND BLOCKOUT
 PROVISIONS OF THE UNIT PRICE BIDDING SPECIFICATIONS, ITEM
 604-CATCH BASIN, CUYAHOGA COUNTY NO. 30 WORK SPECIFIED, THE ITEM
 THIS CATCH BASIN IS NOT INTENDED FOR USE WITH MOUNTABLE TYPE
 CURBS NOR SHOULD IT BE LOCATED WITHIN DRIVE MOUNTABLE TYPE
 C.O.D.T. STANDARD CONSTRUCTION DRAWING CO-2.5).

CUYAHOGA COUNTY ENGINEER

CATCH
 BASIN

CONSTRUCTION DRAWING
 CB-3C
 (ENGLISH VERSION)

DATE
 05-05-97
 12-07-98
 08-15-00
 10-29-01
 03-01-05



* 1" EXP. JT. PER BP-2.2

** ALTERNATIVE DOWEL LOCATION FOR CURB AND GUTTER CONSTRUCTION

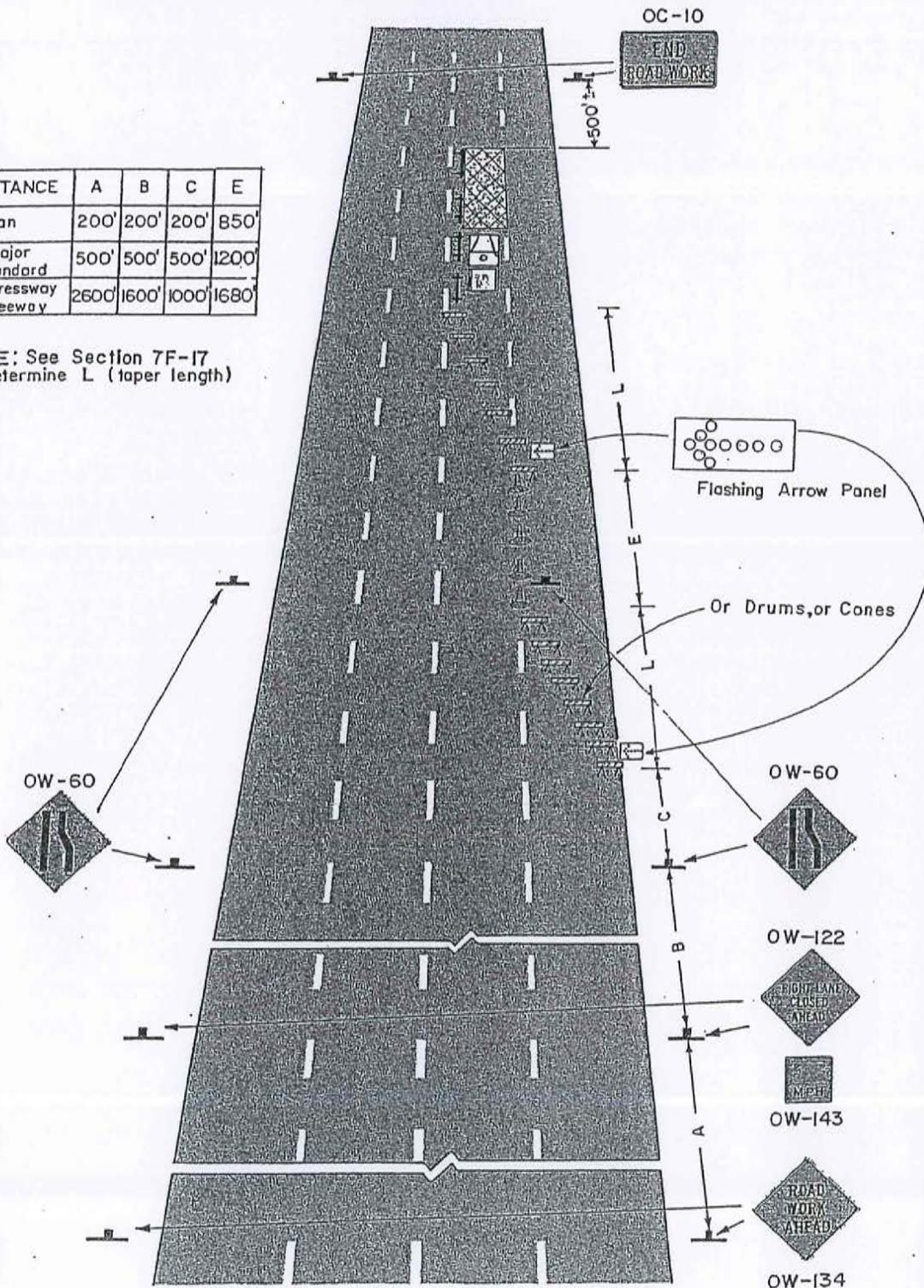
* 1" EXPANSION JOINT MATERIAL 705.03 AND SEAL PER O.D.O.T. STANDARD CONSTRUCTION DRAWING BP-2.2.

PLAN OF CATCH BASIN AND PAVEMENT JOINTS

TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR MULTIPLE LANE CLOSING

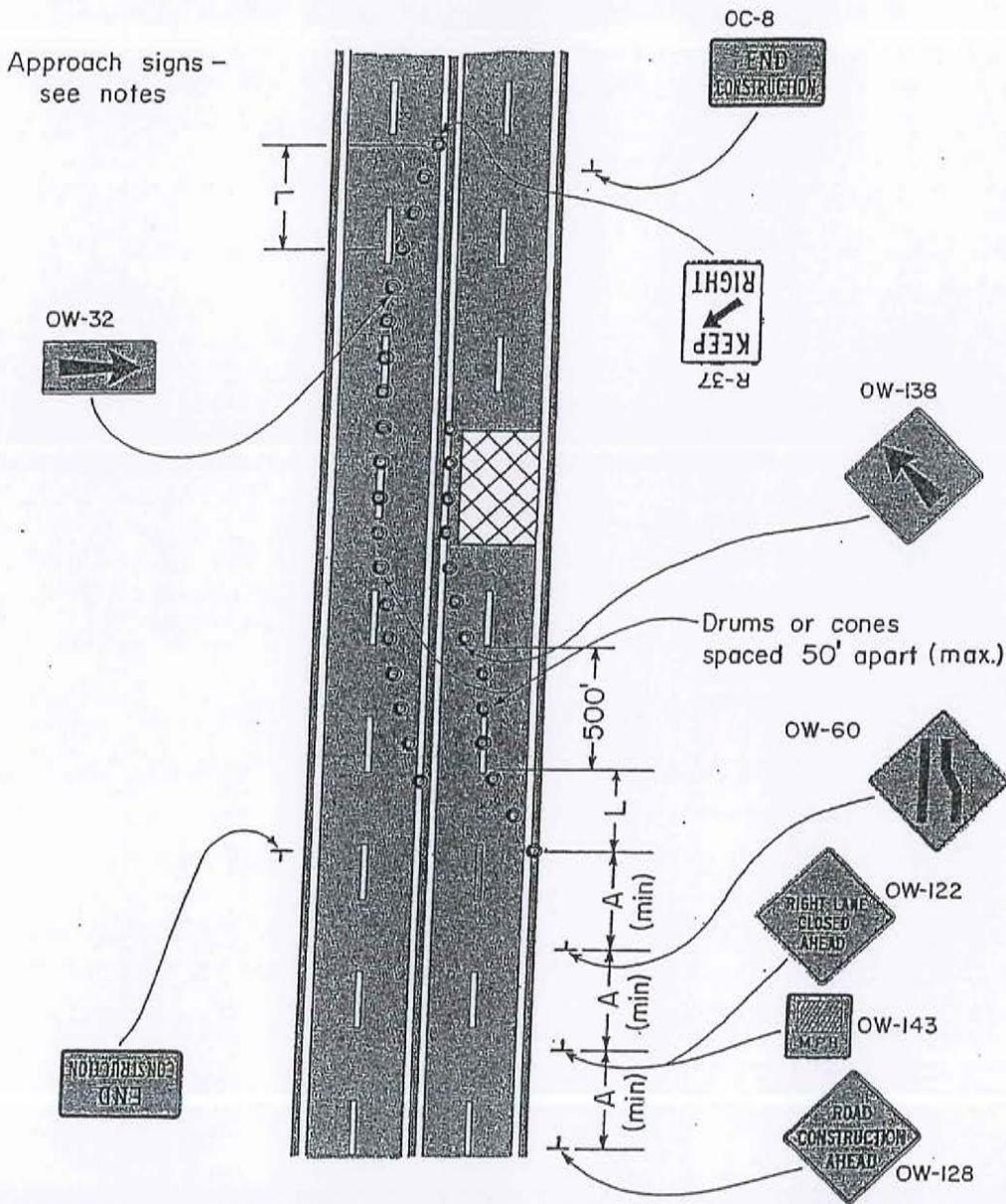
DISTANCE	A	B	C	E
Urban	200'	200'	200'	850'
Major Standard	500'	500'	500'	1200'
Expressway & Freeway	2600'	1600'	1000'	1680'

NOTE: See Section 7F-17 to determine L (taper length)



REF. SEC.
7D-23
7F-16
7G-8
7E-11

TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CLOSING TWO LANES ON A 4-LANE UNDIVIDED HIGHWAY



F.SEC.
D-3
D-21

NOTES:
See Sec. 7F-17 for taper formulae
Use similar sign treatment for
opposite approach.

Type of Roadway	Distance
	A - ft.
Urban	200
Standard	500