



Department of Public Services  
 Public Works Division  
 1499 E. West Maple  
 Walled Lake, MI 48390

**Inspection line 248-624-4847 - ALLOW TWO (2) BUSINESS DAYS TO SCHEDULE INSPECTION**

**DEPARTMENT OF PUBLIC WORKS APPLICATION**  
 (Private activity affecting public utilities)

DATE \_\_\_\_\_ JOB ADDRESS \_\_\_\_\_

**\*\*If a contractor is to perform the construction work authorized by this permit and is supplying the cash deposit; he/she will fill out the information below and thereby assumes responsibility along with the property owner for all provisions of this permit. The property owner's attention is called to the general conditions on page two (2) of this application. \*\***

1. Owner's Information

Name \_\_\_\_\_ Address \_\_\_\_\_  
 City/State \_\_\_\_\_ Zip Code \_\_\_\_\_ Phone # \_\_\_\_\_  
 Email \_\_\_\_\_

2. Soil Erosion and Sedimentation Control Part 91

If subject property within 500 feet of a body of water a Soil Erosion permit is required.  
 Soil Erosion and Sedimentation Control Part 91 is submitted with application? Yes \_\_\_\_\_ No \_\_\_\_\_

3. Contractor's Information

Name \_\_\_\_\_ Address \_\_\_\_\_  
 City/State \_\_\_\_\_ Zip Code \_\_\_\_\_ Phone # \_\_\_\_\_  
 Email \_\_\_\_\_  
 State/Local License Number \_\_\_\_\_ Federal Employer ID/Exemption \_\_\_\_\_  
 Worker's Compensation Insurance Carrier or reason for exemption \_\_\_\_\_  
 MESC Employer Number or reason for exemptions \_\_\_\_\_

4. Description of Work – Items to include MISS DIG MUST BE CONTACTED

*The sanitary sewer lead shall be SDR 23.5 PVC. If there is concrete curb the section shall match what is removed. The concrete required is 3500 psi at 28 day strength.*

- Please provide Site Plan with detail a description of the desired activity
- Engineering
- Easement Recorded with plot plan showing recorded easement

5. Fees

Non Refundable Application Fee	\$250.00
Required Cash Escrow	30% due based on scope of work
Required Plan Review	\$35.00

Section 23a of the State construction code act, P.A. 230 of 1972, as amended, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirement of this State relating in persons who are to perform work on a residential building or a residential structure. Violators of Section 23a are subject to civil fines.

**I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his/her authorized agent, and we agree to conform to all applicable laws of the City of Walled Lake, the State of Michigan, and all conditions stated on page two of this application. All information submitted on this application is accurate to the best of my knowledge.**

**This permit shall be null and void if SUBSTANTIAL construction has not occurred WITHIN 90 DAYS from the date of issuance.**

**Note: All refunds subject to 25% service fee PERMIT IS GOOD FOR 6 MONTHS.**

Please review General Conditions and sign below.

**General Conditions**

The construction and work described herein shall be accomplished in accordance with the approved specifications, maps, and statements filed with the city and which are incorporated in and made a part of this permit. The property owner and/or contractor agree to the following:

**\*\*\*All Applicable Michigan Department of Environmental Equality (MDEQ) permits must be issued prior to issuance of this permit\*\*\***

1. The permit shall not become operative until it has been fully executed by the City. After execution, notification must be given to the City office, at the telephone number indicated on the front of this permit at least two (2) business days before starting construction so that arrangements can be made for inspection.
2. If required by City, PROPERTY OWNER shall, before commencing any operations, deposit with the department a cash deposit to cover damage to the roadway, public easement area, or adjacent properties. The department may retain any portion of a cash deposit which, in the opinion of the department, shall be necessary to cover any expense or damage incurred by it through the granting of this permit, and the cash deposit or the balance thereof shall be returned to the PROPERTY OWNER upon completion of the work to the satisfaction of the department in accordance with applicable City ordinance.
3. WHEN APPLICABLE, THE FOLLOWING MUST BE ATTACHED TO THIS PERMIT AT THE TIME THE PERMIT IS EXECUTED:
  - a. Plan review and/or field inspection fee
  - b. Site plans and specifications or sketch for anything non-single family
  - c. Required cash deposit and insurance
4. The PROPERTY OWNER is responsible for any repairs due to damage or defects to the City's utilities.
5. It is the responsibility of the PROPERTY OWNER to ascertain the condition and usability of the existing sewer lead to which a connection will be made. The City makes no guarantee of the condition, location, existence, or long-term usability of the existing sewer lead to which a connection will be made. Any existing lead to be reutilized must be televised in right-of-way, and Director of Public Services must approve use of existing lead.
6. Any and all operations under this permit shall meet all requirements of the current standards and specifications of the City of Walled Lake.
7. The PROPERTY OWNER and the CONTRACTOR shall indemnify, save harmless and defend the City against all claims, suits, and judgments of every name and description arising out of the operations covered by this permit or the issuance of this permit, shall furnish proof of insurance covering liability damage arising under the work performed out of the work performed under this permit in the amount stated on the permit or as required.
8. It is distinctly understood that the rights granted herein are revocable at the will of the Director of Public Services, and that the PROPERTY OWNER acquires no rights in the highway or public easement area and expressly waives any right to claim damages or compensation in case this permit is revoked.
9. This permit does not relieve the PROPERTY OWNER from meeting all requirements of law. The PROPERTY OWNER shall be responsible for securing any other legally required permits from the City of Walled Lake, other governmental agencies and jurisdictions, corporations, or individuals.
10. The PROPERTY OWNER assumes all responsibility for the interruption and damage of underground utilities. The presence or absence of utilities is based on the best information shown on the plans, and the City is not responsible for the accuracy of this information. The PROPERTY OWNER shall contact all utility owners regarding their facilities prior to starting work. **Utilities must be contacted through MISS DIG.**
11. New water service connections are to be minimum size of 1 inch. Disconnection of water services must be done at city water main.

12. Please Note: Inspection fee collected is based on inspection during normal business hours, which are 7:00 a.m. through 4:00 p.m., weekend and holidays excluded. If inspection must be conducted outside these times, actual costs, if not paid in advance, will be deducted from the cash bond.

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date

Do not write below this line

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**Per all City Codes and Ordinances.**

**Approved by** \_\_\_\_\_  
Building Office

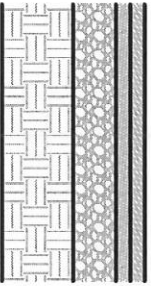
**Date** \_\_\_\_\_

**Approved by** \_\_\_\_\_  
Public Services Water Division

**Date** \_\_\_\_\_

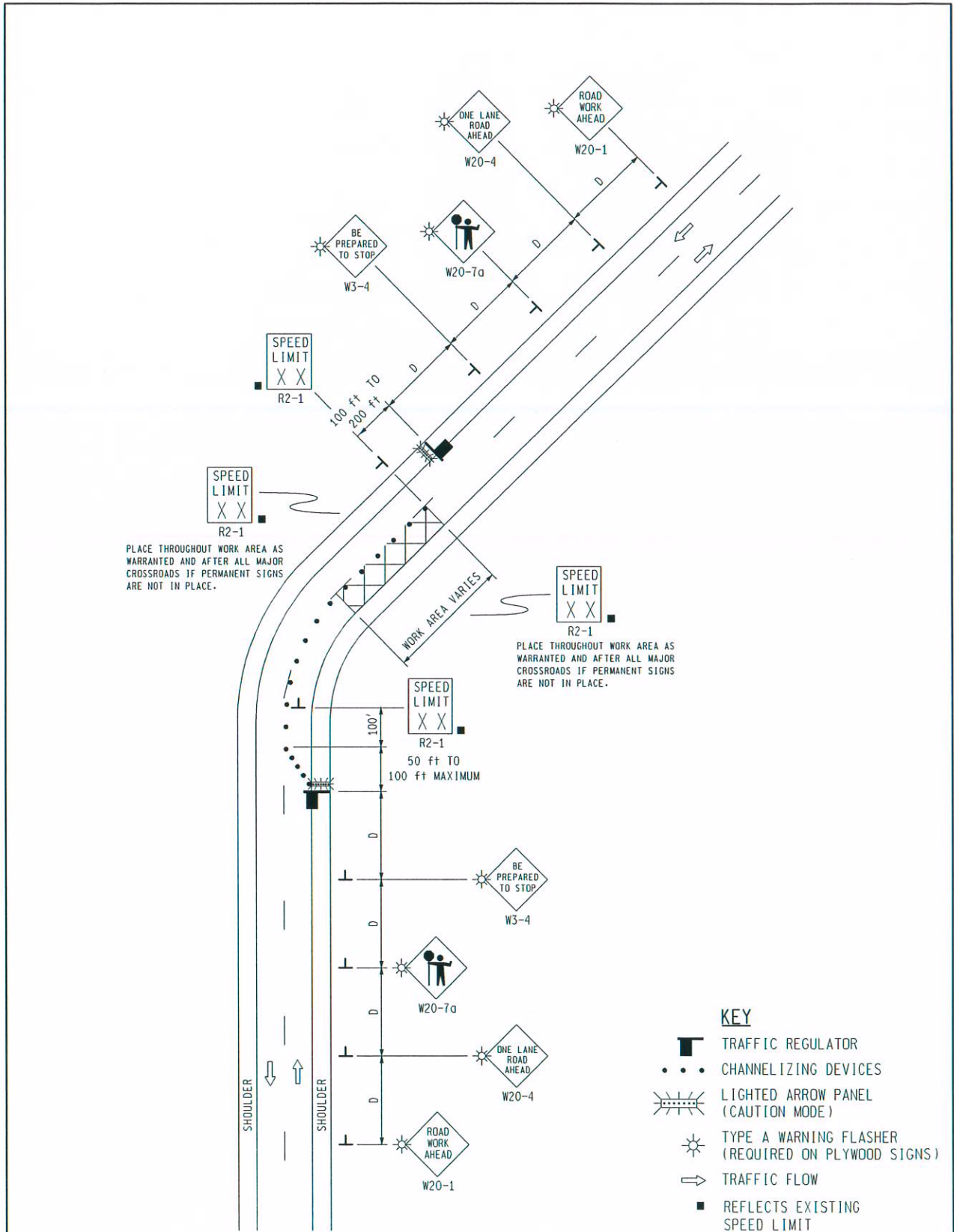
**Approved by** \_\_\_\_\_  
Public Services Road Division

**Date** \_\_\_\_\_



2" MDOT 36A  
3" MDOT 13A LEVELING  
8" 21AA GRAVEL  
COMPACTED SUBGRADE

**ASPHALT SECTION**  
(NO SCALE)



NOT TO SCALE

### DISTANCE BETWEEN TRAFFIC SIGNS "D"

"D" DISTANCES	POSTED SPEED LIMIT, MPH (PRIOR TO WORK AREA)									
	25	30	35	40	45	50	55	60	65	70
D (FEET)	250	300	350	400	450	500	550	600	650	700

### GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE "B"

"B" LENGTHS	POSTED SPEED LIMIT, MPH (PRIOR TO WORK AREA)									
	25	30	35	40	45	50	55	60	65	70
B (FEET)	50	83	132	181	230	279	329	411	476	542

### MINIMUM MERGING TAPER LENGTH "L" (FEET)

OFFSET FEET	POSTED SPEED LIMIT, MPH (PRIOR TO WORK AREA)										TAPER LENGTH "L" IN FEET
	25	30	35	40	45	50	55	60	65	70	
8	83	120	163	213	360	400	440	480	520	560	
9	94	135	184	240	405	450	495	540	585	630	
10	104	150	204	267	450	500	550	600	650	700	
11	115	165	225	293	495	550	605	660	715	770	
12	125	180	245	320	540	600	660	720	780	840	
13	135	195	266	347	585	650	715	780	845	910	
14	146	210	286	374	630	700	770	840	910	980	
15	157	225	307	400	675	750	825	900	975	1050	

THE FORMULAS FOR THE MINIMUM LENGTH OF A MERGING TAPER IN DERIVING THE "L" VALUES SHOWN IN THE ABOVE TABLES ARE AS FOLLOWS:

"L" =  $\frac{W \times S^2}{60}$  WHERE POSTED SPEED PRIOR TO THE WORK AREA IS 40 MPH OR LESS

"L" = W x S WHERE POSTED SPEED PRIOR TO THE WORK AREA IS 45 MPH OR GREATER

L = MINIMUM LENGTH OF MERGING TAPER

S = POSTED SPEED LIMIT IN MPH PRIOR TO WORK AREA

W = WIDTH OF OFFSET

#### TYPES OF TAPERS

##### UPSTREAM TAPERS

- MERGING TAPER
- SHIFTING TAPER
- SHOULDER TAPER
- TWO-WAY TRAFFIC TAPER

##### DOWNSTREAM TAPERS

(USE IS OPTIONAL)

#### TAPER LENGTH

- L - MINIMUM
- 1/2 L - MINIMUM
- 1/3 L - MINIMUM
- 100' - MAXIMUM
- 100' - MINIMUM (PER LANE)

NOT TO SCALE



01/01/07  
REV. DATE:

MD - TABLES

PAGE  
A47