

EDDIE AND PARK SIDEWALK IMPROVEMENTS

BID ANNOUNCEMENT

The City of Sunset Hills Public Works Department is soliciting bids for the construction of 1,146 lineal feet (0.22 miles) of new sidewalk along Eddie and Park Road from Kitun Park to Robyn Road. The work on this project consists of removals, earthwork, sidewalk, curb ramps, driveway reconstruction, sodding and all incidental and collateral work necessary to complete the work as described, according to the plans, specifications and special provisions. Sealed bids will be received until 10:00 am; Tuesday, March 29, 2016.

Bidding Documents are available by e-mail to Wes Searcy at wsearcy@sunset-hills.com. Please provide e-mail, business address, phone and fax information to be kept current of any subsequent addenda. Also please place "**Eddie and Park Sidewalk Improvements**" in the subject line of the e-mail.

Note that Notice to Proceed for this project is anticipated for May 31, 2016, to avoid conflicts with activities at the Truman Middle School.

The City reserves the right to reject any or all bids, waive technicalities, to award on any bid that is most advantageous and to investigate the experience and ability of the bidder to perform the work. Prevailing wages according to the current Missouri State Department of Labor Relations must be paid, as contained in the bid documents. Bids should be accompanied by a bid surety in the form of a certified check or bid bond for 5% of the bid total. There will be a pre-bid meeting at 10:00 am; Wednesday, March 23, 2016 at the City of Sunset Hills City Hall, 3939 S. Lindbergh Blvd., Sunset Hills, MO 63127. More details concerning this work are available at our website of www.sunset-hills.com

Wesley E. Searcy
Assistant City Engineer

March 1, 2016

EDDIE AND PARK SIDEWALK IMPROVEMENTS

SCOPE OF WORK

The scope of work on this project consists of removals, earthwork, sidewalk, curb ramps, driveway reconstruction, sodding and all incidental and collateral work necessary to complete the work as described, and according to the plans, specifications and special provisions for the construction of 1,146 lineal feet (0.22 miles) of new sidewalk along Eddie and Park Road from Kitun Park to Robyn Road.

BID SUBMITTAL

Bids will be accepted at the Sunset Hills City Hall, 3939 S. Lindbergh Blvd., Sunset Hills, MO 63127, until 10:00 am; Tuesday, March 29, 2016.

Bids must be submitted on the forms provided and signed by an authorized officer of the company. No partial or incomplete bids will be accepted.

BID BOND

A surety in the form of a certified check or a bid bond in the amount of 5% of the bid total must accompany all proposals. Bid bonds will be returned after the contract is awarded to the successful bidder. The tentative schedule for the award is the Board of Aldermen meeting the night of April 12, 2016.

PRE JOB MEETING

The successful bidder shall be required to have their on site supervisor in attendance at a pre-job meeting. Attendance of the on site supervisor will be mandated by a \$1,000 deduct to the contract amount.

PAYMENT OF WAGES

A Wage Determination for the Missouri Division of Labor Standards is attached and made part of these specifications. The successful contractor is expected to comply with all provisions for the payment of wages relating to Public Works Construction projects.

HOUSE BILL 1549 COMPLIANCE

If bidder is awarded the subject contract, it must provide, for itself and all subcontractors performing work on this project, proof that a 10-hour OSHA Construction Safety Program, or similar program approved by the Department of Labor & Industrial Relations, has been

completed by all onsite employees within 60 days of beginning work on this construction project. Contractors and subcontractors in violation of this provision will forfeit to the City of Sunset Hills \$2,500.00 plus \$100.00 a day for each employee who is employed without training. The City of Sunset Hills may withhold assessed penalties from the payment due to the bidder and/or any subcontractors employed thereby.

CONTRACT BOND AND CERTIFICATES OF INSURANCE

Upon award of contract, the successful contractor shall, within ten working days, file with the City a payment bond and a performance bond in the amounts of 100% of the contract amount.

The contractor agrees that he shall and will indemnify, hold harmless and defend the Owner, his agents, servants and employees from and against any and all losses, damages (by judgment or settlement), charges and expenses (including reasonable attorney's fees), which they or any one or more of them may incur or sustain by reason of any claims or causes of action for personal injury or injuries, including death, to any person or persons whomsoever (including the officer, agents, servants or employees of the Contractor or of any subcontractor) including but not limited to such claims or causes of action arising out of, or in any way connected with, or occasioned by the work performed by the Contractor or subcontractors, their respective agents, servants or employees under or pursuant to this contract.

Without limiting his liability under this contract, the Contractor shall procure and maintain at his expense during the life of this contract insurance of the types and in the minimum amounts stated below:

1. Workers' Compensation Insurance in full compliance with the Workers' Compensation and Occupational Disease laws of the State of Missouri.
2. Comprehensive General Liability
General Aggregate - \$1,000,000 per person
- \$1,000,000 each occurrence
3. Comprehensive Automobile Liability
General Aggregate - \$1,000,000 each person
- \$1,000,000 each occurrence

The Comprehensive Liability Policy shall include blanket contractual liability coverage or a contractual liability endorsement covering the liability assumed by the Contractor under this agreement with limits not less than those specified in sub-paragraph 2 hereof. The certificates of insurance to be furnished hereunder shall reflect such coverage.

Said insurance shall be written by a company or companies licensed to do business in the State of Missouri and satisfactory to the City. Before commencing any work hereunder, certificates evidencing the maintenance of such insurance shall be furnished to the City and shall contain the following statement:

Insurance evidenced by this certificate will not be canceled or altered except 10 days after receipt by the City of Sunset Hills, Missouri of written notice thereof.

Contractors shall not subcontract the performance of any part of the work without requiring the subcontractor to procure and maintain insurance in the forms and amounts approved by the City.

CONTRACTOR'S RESPONSIBILITY

Nothing in these specifications shall be construed as placing the work under the specific direction or control of the City or relieving the Contractor from his liability as an independent contractor and, as such, he shall be solely responsible for the method, manner and means by which he shall perform his work, including, but not limited to supervision and control of his own personnel, and scheduling of the work required to insure its proper and timely performance and he shall exercise due care to prevent bodily injury and damage to property in the prosecution of the work.

Until the work is accepted, it shall be in the custody and under the charge and care of the Contractor, and he shall take every necessary precaution against injury or damage to the work by the action of all the elements, or from any other cause whatsoever. The Contractor shall restore and make good at his own expense all injuries or damages to any portion of the work before its completion and acceptance. Issuance of any estimate or partial payment to the Contractor for any part of work done will not be considered as final acceptance of any work.

The Contractor agrees to assume and shall have full and sole responsibility for compliance with all Federal, State or Municipal laws and regulations in any manner affecting the work to be performed by the Contractor or subcontractors, including, without limiting the generality of the foregoing, the laws of the State of Missouri relating to the "Safety of Construction Works in Certain Cities," as amended or as may be amended.

No portion of this work may be sub-contracted without prior approval of that firm to this contract by the City of Sunset Hills. Such firms will be subject to similar scrutiny as the general contractor. In no case shall a majority of the scope of this project be allowed to be performed by another company.

MISSOURI PREVAILING WAGE NOTICES

Not less than the prevailing hourly rate of wages, as set out in the wage order attached to and made part of the specification for work under the contract, must be paid to all workers performing work under the contract.

The contractor will forfeit a penalty to the contracting public body of \$100 per day (or portion of a day) for each worker that is paid less than the prevailing rate for and work done under the contract by the contractor or by any subcontractor.

The contractor and any subcontractors to the contract must require all on-site employees to complete the ten-hour construction safety training program required under Section 292.675, RSMo, if they have not previously completed the program and have documentation of having done so.

The contractor will forfeit a penalty to the contracting public body of \$2500 plus an additional \$100 for each employee employed by the contractor or subcontractor, for each calendar day, or portion thereof, such employee is employed without required training.

During periods of excessive unemployment (any month immediately following two consecutive calendar months during which the level of unemployment in the state has exceeded five percent as measured by the United States Bureau of Labor Statistics) only Missouri laborers (persons who have resided in Missouri for at least 30 days and intend to become or remain Missouri residents) and laborers from non-restrictive states (persons who are residents of a state which has not enacted state laws restricting Missouri laborers from working on public works projects in that state, as determined by the Labor and Industrial Relations Commission) (see Excessive Unemployment section), may be employed under the contract, except that other laborers may be used when Missouri laborers or laborers from nonrestrictive states are not available, if so certified by the contractor and approved by the contracting officer.

Every transient employer, as defined in section 285.230, RSMo, enclosed in the laws section, must post in a prominent and easily accessible place at the work site a clearly legible copy of the following: (1) The notice of registration for employer withholding issued to such transient employer by the director of revenue. (2) Proof of coverage for workers' compensation insurance or self-insurance signed by the transient employer and verified by the department of revenue through the records of the division of workers' compensation; and (3) The notice of registration for unemployment insurance issued to such transient employer by the division of employment security. Any transient employer failing to comply with these requirements shall, under section 285.234, RSMo, enclosed in the laws section, be liable for a penalty of \$500 per day until the notices required by this section are posted as required by that statute.

PROSECUTION OF WORK

The Contractor shall give his personal attention to the work while in progress and shall provide a competent and reliable superintendent at all times who shall have full authority to act for him.

No work will be accepted, or paid for by the City unless the contractor has provided 24 hours notice of commencement of work. This will allow the City to have an inspector present.

Any discrepancies or question pertaining to the extent of the work shall be submitted immediately to the City Engineer.

If the Contractor fails to begin the work within the time specified, or fails to perform the work with sufficient workmen and equipment or performs his work unsuitably or neglects or refuses to remove materials or perform anew such work as has been rejected as defective and unsuitable, or discontinues the prosecution of the work, or for any other cause whatsoever does not carry on the work in an acceptable manner, or if the Contractor becomes insolvent or declares bankruptcy, or commits any act of bankruptcy or insolvency, or allows any final judgment to stand against him unsatisfied for a period of forty-eight (48) hours, the City shall give notice in writing, by registered mail, to the Contractor and surety of such delay, neglect, or default. If the Contractor and his surety after such notice, does not proceed to properly prosecute the work within ten (10) days, the City shall have full power and authority, at the City's option and without violating the contract or bond, to take over the completion of the work, to appropriate or use any or all materials and equipment on the ground that may be suitable and acceptable, or to enter into agreements with others for the completion of said contract according to the terms and provisions thereof, or to use such other methods as may be required for the completion of said contract in an acceptable manner. For all costs and charges incurred by the Owner, together with the cost of completing the work under the contract, the Contractor and his surety shall be liable and such costs may be deducted from any monies due, or which may become due the Contractor. In case the expense so incurred by the City for work equal in quality and quantity to that required of the Contractor hereunder, is less than the sum which would have been payable under the Contract if it had been completed by the Contractor, the Contractor shall be entitled to receive the difference, and in case such expense for work equal in quality and quantity to that required of the Contractor hereunder, exceeds the sum which would have been payable under the contract, the Contractor and his surety shall be liable and shall pay to the City the amount of said excess. Failure of the City to take action as stipulated above shall not relieve the Contractor and surety of their obligations.

NOTICE TO PROCEED

All paperwork should be completed by the contractor within 10 days of the award of bid. The contractor will be required to start work within 10 days of that Notice to Proceed. Notice to Proceed is anticipated on May 31, 2016, to avoid conflicts with activities at the Truman Middle School.

SCHEDULE

All work awarded shall be completed within Forty-Five (45) calendar days from the Notice To Proceed. This schedule starts on the date of the Notice to Proceed.

PAYMENT

The Contractor shall be entitled to one final payment. Before this payment is made, the Contractor shall furnish to the City, a complete itemized bill, the appropriate lien waivers, a completed Affidavit of Compliance with the Prevailing wage Law, a copy of the completed

"Contractors Report of Construction Wage Rates" sent direct to the State Division of Labor Standards, and a certified copy of the payroll for this project. Payment will be made within thirty (30) days after acceptance by the City, of the completed work, and proper submission of the aforementioned paperwork.

Monthly progress payments will be made for the work in place. The City will retain 10% of the total contract until completion of the work and proper submission of all paperwork.

Final payment shall not relieve the Contractor of responsibility for faulty materials or workmanship and he shall remedy any defects due thereto and pay for any damage to other work resulting therefrom, which shall appear within a period of one year from the date of final acceptance.

LIQUIDATED DAMAGES

The penalty for not completing the project within the time stipulated in the section titled, "SCHEDULE" is stipulated at Five Hundred Dollars (\$500) per calendar day. Completion is defined as meeting qualifications in both the "SCOPE OF WORK" and "PAYMENT" sections of these specifications.

WORKING CONDITIONS

The Contractor will not work on or keep equipment on any private property without the permission of the property owner involved. The Contractor shall be responsible for damages to any private property including trees, curbs, private yards and street signs.

Ingress and egress to all properties shall be maintained at all times. All work adjacent to school property shall be coordinated with the school principal:

Dr. Tara J. Sparks
tsparks@lindberghschools.ws
314-729-2470 ext: 7400

QUANTITIES

Additions and subtractions to the quantities shown on the plans will be at the contracted unit price per unit as shown on the plans. The successful bidder will be responsible to check all quantities for this work before starting. Questions regarding quantities will not be entertained after work in a respective area has begun.

PROPOSAL
FOR
EDDIE AND PARK SIDEWALK IMPROVEMENTS

Submitted by _____

To the City of Sunset Hills:

Pursuant to information in the Notice to Bidders, dated March 1, 2016, the undersigned proposes to furnish all labor, materials, equipment and incidentals necessary to perform all work required by the City of Sunset Hills in strict accordance with the Contract Documents, including such addenda as are acknowledged in this proposal, within ten (10) working days after receipt of Notice to Proceed.

The undersigned bidder declares they have carefully examined the site of the work, are thoroughly familiar with the Contract Documents and satisfied as to the conditions under which they will be obliged to operate in performing the work that will in any manner affect cost of the work.

As full compensation for the performance of the work in the manner described, the undersigned agrees to accept payment on the basis the pay items as shown on the Bid Form.

Enclosed with this bid is a check made payable to the City of Sunset Hills in the amount of 5% of total amount of bid, as a guarantee on the part of the undersigned that if this bid is accepted, the undersigned will, within ten (10) days after receipt of such acceptance, enter into a contract and provide a payment bond and a performance bond in the amounts of 100% of the contract total price, with sureties to be approved by the City, to do this work and in case of default of entering into such contract, forfeit and pay the amount of the deposit accompanying this bid.

The price on the attached Bid Form includes all costs for insurance, bid bond, performance bond, permits, inspection fees, and taxes, all of which are to be paid by the Contractor.

The undersigned agrees to cooperate with employees of the City or other parties that may be engaged in work at the site from time to time during the contract period.

This proposal shall be binding on all heirs, administrators, executors, successors and assigns.

CITY OF SUNSET HILLS
Eddie and Park Sidewalk Improvements

Bidder Information

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____

Signature _____ Date _____

Note: The prices below shall be guaranteed for 240 days after the award. By mutual agreement the above bid prices may be extended to other concrete sidewalks within the city limits for a period of six months after the award.

REFERENCES

List 3 entities with contact names for projects done within the last 2 years by your company.

Company/Municipality	Address	Phone	Contact Name
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
202-20.10	REMOVAL OF IMPROVEMENTS	LS	1		
203-10.00	CLASS "A" EXCAVATION	CU YD	215		
304-05.04	TYPE "5" AGGREGATE BASE (4 INCHES)	SQ YD	696		
405-30.10	TYPE "C" BITUMINOUS PAVEMENT	TON	22		
405-30.30	TYPE "X" BITUMINOUS CONCRETE (BASE)	TON	83		
604-20.20	ADJUSTING BASIN OR INLET	EACH	1		
604-20.30	ADJUSTING MANHOLE TO GRADE	EACH	1		
608-10.00	CONCRETE MEDIAN	SQ YD	9		
608-60.04	CONC SIDEWALK (4" THICK)	SQ YD	625		
608-60.07	CONC SIDEWALK, CURB RAMP (7" THICK)	SQ YD	61		
608-60.98	TRUNC DOME FOR CURB RAMP (NEW CONST)	SQ YD	18		
609-10.10	CONCRETE CURB, TYPE "S"	LF	256		
612-30.15	TRAFFIC CONTROL	LS	1		
619-00.00	MOBILIZATION	LS	1		
621-20.17	PERMANENT PAVEMENT MARKINGS, PAINT	SQ FT	151		
627-40.00	CONSTRUCTION STAKING	LS	1		
703-90.15	MODULAR BLOCK WALL (H<4')	SQ FT	317		
803-10.00	SODDING	SQ YD	1,137		
806-45.08	INLET PROT DEVICE, SINGLE UNIT	EACH	1		
806-45.09	INLET PROT DEVICE, DOUBLE UNIT	EACH	1		
806-50.00	TEMPORARY SEEING AND MULCHING	SQ YD	1,137		
806-70.00	SILT FENCE	LF	331		
808-99.02	TREE PROTECTION	EACH	6		
904-95.31	ADJUSTMENT OF PREFORMED PULL BOX	EACH	1		
TOTAL BASE BID					

AFFIDAVIT OF WORK AUTHORIZATION

STATE OF _____)

COUNTY OF _____)

On this _____ day of _____, 20____, before me appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be a person whose name is sub scribed to this affidavit, who being by me duly sworn, deposed as follows:

My name is _____, and I am of sound mind, capable of making this affidavit, and personally certify the facts herein stated, as required by RSMo. § 285.530, to enter into any contract agreement with the City to perform any job, task, employment, labor, personal services, or any other activity for which compensation is provided, expected, or due, including but not limited to all activities conducted by business entities:

I am the _____ of _____, and I am duly authorized, directed, and/or empowered to act officially and properly on behalf of this business entity.

I hereby affirm and warrant that the aforementioned business entity is enrolled in a federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, and the aforementioned business entity shall participate in said program with respect to all employees working in connection to work under the within contract agreement with the City of Maryland Heights. I have attached documentation to this affidavit to evidence enrollment/participation by the aforementioned business entity in a federal work authorization program, as required by RSMo. § 285.530.

In addition, I hereby affirm and warrant that the aforementioned business entity does not and shall not knowingly employ, in connection to work under the within contract agreement with the City of Maryland Heights, any alien who does not have the legal right or authorization under federal law to work in the United States, as defined in 8 U.S.C. § 1324a(h)(3).

I am aware and recognize that, unless certain contract and affidavit conditions are satisfied pursuant to RSMo. § 285.530, the aforementioned business entity may be held liable under RSMo. § 285.525 through § 285.559, for subcontractors that knowingly employ or continue any unauthorized alien to work within the state of Missouri.

I acknowledge that I am signing this affidavit as a free act and deed of the aforementioned business entity and not under duress.

Affidavit Signature

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public

My commission expires: _____



**DIVISION OF
LABOR
STANDARDS**

MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
**AFFIDAVIT
COMPLIANCE WITH THE PREVAILING WAGE LAW**

I, _____, upon being duly sworn upon my oath state that: (1) I am the
(Name)
_____ of _____; (2) all requirements of
(Title) *(Name of Company)*
§§ 290.210 to 290.340, RSMo, pertaining to the payment of wages to workers employed on public works projects
have been fully satisfied with regard to this company's work on _____;
(Name of Project)

(3) I have reviewed and am familiar with the prevailing wage rules in 8 CSR 30-3.010 to 8 CSR 30-3.060; (4) based upon my knowledge of these rules, including the occupational titles set out in 8 CSR 30-3.060, I have completed full and accurate records clearly indicating (a) the names, occupations, and crafts of every worker employed by this company in connection with this project together with an accurate record of the number of hours worked by each worker and the actual wages paid for each class or type of work performed, (b) the payroll deductions that have been made for each worker, and (c) the amounts paid to provide fringe benefits, if any, for each worker; (5) the amounts paid to provide fringe benefits, if any, were irrevocably made to a fund, plan, or program on behalf of the workers; (6) these payroll records are kept and have been provided for inspection to the authorized representative of the contracting public body and will be available, as often as may be necessary, to such body and the Missouri Department of Labor and Industrial Relations; (7) such records shall not be destroyed or removed from the state for one year following the completion of this company's work on this project; and (8) there has been no exception to the full and complete compliance with the provisions and requirements of Annual Wage Order No. _____ Section _____ issued by the Missouri Division of Labor Standards and applicable to this project located in _____ County, Missouri, and completed on the _____ day of _____, _____.

The matters stated herein are true to the best of my information, knowledge, and belief. I acknowledge that the falsification of any information set out above may subject me to criminal prosecution pursuant to §§290.340, 570.090, 575.040, 575.050, or 575.060, RSMo.

Signature

Subscribed and sworn to me this _____ day of _____, _____.
My commission expires _____, _____.

Notary Public

Receipt by Authorized Public Representative

STATUS OF UTILITIES TO BE ADJUSTED

<u>NAME AND ADDRESS OF UTILITY</u>	<u>TYPE</u>	<u>LOCATION</u>	<u>ESTIMATED DATE OF COMPLETION</u>
<u>Ameren</u> 280 Old State Road Ellisville, Mo 63021 Phone: 314-992-8903	Electric	There are power poles at each end of the project that are outside the limits of construction and will not be impacted by the proposed improvements.	N/A
<u>Charter Communications</u> 815 Charter Commons Drive Town & Country, MO 63017 Phone: 636-387-6633	CATV	There is an existing aerial cable line on the existing power poles that will not be impacted by the proposed improvements	N/A
<u>AT&T</u> 13075 Manchester Road, Room 3-H-01 Des Peres, MO 63131 Phone: 314-957-3892	Telephone	There is an existing underground fiber optic line on the north side of Eddie and Park that will not be impacted by the proposed improvements. The existing hand hole at approximately Sta. 121+30 LT will be adjusted by the contractor to match the proposed sidewalk grade.	N/A
<u>Laclede Gas</u> 4118 Shrewsbury Avenue, Shrewsbury, MO 63119 Phone: 314-768-7766	Gas	There are no known underground gas facilities within the limits of construction.	N/A
<u>Metropolitan Sewer District</u> 2350 Market Street St. Louis, MO 63013 Phone: 314-768-6260	Sewers	There is an existing sanitary sewer main on the north side of Eddie and Park that will not be impacted by the proposed improvements. The existing manhole at approximately Sta. 118+10 LT will be adjusted by the contractor to match the proposed sidewalk grade.	N/A
<u>Missouri American Water</u> 727 Craig Road St. Louis, MO 63141 Phone: 314-991-3404	Water	There is an existing water main along the north side of Eddie and Park that will not be impacted by the proposed improvements.	N/A

The above represents the best information of the Local Agency and is only included for the convenience of the Contractor. The applicable provisions of Standard Specifications shall apply.

Minor adjustments of residential service lines may be necessary to accommodate construction. All such adjustments will be made by their respective owners during construction.

If any utility adjustment or removal has not been completed when required by the Contractor's operation, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operations were affected.

SPECIAL PROVISIONS

**EDDIE AND PARK SIDEWALK IMPROVEMENTS
CITY OF SUNSET HILLS, MO**

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SPECIAL PROVISIONS

EDDIE AND PARK SIDEWALK IMPROVEMENTS CITY OF SUNSET HILLS, MO

The following Special Provisions supplement the St. Louis County Standard Specifications for Road and Bridge Construction, Adopted July 1, 2015, hereinafter referred to as the Standard Specifications, the St. Louis County Department of Highways and Traffic Standard Drawings as updated through September 1, 2015, hereinafter referred to as the Standard Drawings, the latest edition of the Manual on Uniform Traffic Control Devices for Streets and Highways, and the 2009 Metropolitan St. Louis Sewer District Standard Construction Specifications for Sewers and Drainage Facilities, effective February 29, 2012, which apply to and govern the construction of the Eddie and Park Sidewalk Improvements, Sunset Hills, Missouri, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

DESCRIPTION OF WORK

The proposed project is located on the north side of Eddie and Park Road, from Kitun Park to Robyn Road in Sunset Hills, Missouri. The project length is 1,146 feet (0.22 miles). The work on this project consists of removals, earthwork, sidewalk, curb ramps, driveway reconstruction, sodding and all incidental and collateral work necessary to complete the work as described, according to the plans, specifications and special provisions.

LIST OF DRAWINGS

The Contract Drawings or "Plans" on which the bids and contracts are based are listed for information and reference, as follows:

<u>Sheet Title</u>	<u>Sheet No</u>
Cover Sheet	1
General Notes, Commitments, and Standards	2
Summary of Quantities and Schedules	3-4
Typical Sections	5
Plan and Profile Sheets	6-8
Stormwater Pollution Prevention Plan	9-10
Intersection Detail Sheets	11-14
Construction Details	15
Retaining Wall Details	16
Cross Sections	17-19

SHOP DRAWINGS

The Contractor shall submit shop drawings of the following items according to Articles 105.2 of the Standard Specifications:

Truncated Domes for Curb Ramps (New Construction)
Modular Block Wall (H<4')
Sod
Concrete Mix Design
HMA Mix Designs

Submit shop drawings for processing to:

Mr. Bryson Baker, City Engineer / Public Works Director
City of Sunset Hills
3939 S. Lindbergh Blvd.
Sunset Hills, MO 63127

A maximum of two reviews by the Engineer will be provided for each shop drawing submittal. If any additional reviews are required, the Contractor shall pay the Engineer for all costs incurred at an hourly rate of \$150. Payment for additional reviews shall be made directly to the City.

REMOVAL OF IMPROVEMENTS

Description: This work shall consist of removal and disposal of existing pavements, curbs, sidewalks, and other improvements as shown on the plans and according to Section 202 of the Standard Specifications.

General: The Contractor shall remove and dispose of the existing improvements in their entirety, off site. The depth and composition of the existing improvements are not known and no additional compensation will be allowed for removals. Materials removed shall be hauled from the site and disposed of at a location so as to not violate local, state, or federal laws, regulations, or ordinances, nor create a liability for the City of Sunset Hills. The Contractor shall indemnify and hold the City harmless for any costs or liability for failure to comply with any such local, state, or federal laws, regulations, or ordinances.

The Contractor shall provide the Engineer with the address of the disposal site and the name of the property owner at least three (3) days prior to the start of pavement removal. If the disposal site is not a previously licensed landfill, the Contractor shall provide evidence of Municipal or County permits as well as a written acknowledgement by the owner that he has approved the placement of material on the specified property prior to any disposal in said site.

Full depth sawcutting shall be required at the limits of all removal items. Extreme care shall be exercised to avoid damage to adjacent pavement or sidewalk to remain in place. It is essential that these cuts be made full depth to ensure a clean vertical edge to prevent fracture of the adjacent pavement that is to remain. Any liquid residue resulting from the sawcutting shall be immediately and completely washed from the pavement.

Basis of Payment: Payment for this work will be made at the contract unit price per lump sum for REMOVAL OF IMPROVEMENTS, and shall include all labor, materials, equipment and tools necessary to sawcut, remove, dispose of, and complete all other work specified under this item.

ADJUSTING BASIN OR INLET

Description: This work shall consist of furnishing all labor, equipment, and material necessary for adjusting the existing basin or inlet lids as shown on the plans, as directed by the Engineer, and according to Section 604 of the Standard Specifications.

General: The existing frames, lids, and covers shall be adjusted to the proposed elevations of the adjacent concrete surfaces. The existing materials shall be salvaged and reused unless deemed unsuitable by the engineer, in which case separate payment will be made. No direct payment will be made for adjustment materials.

Basis of Payment: Payment for this work will be made at the contract unit price per each for ADJUSTING BASIN OR INLET and shall include all labor, materials, equipment and tools necessary to complete all work specified under this item.

ADJUSTING MANHOLE TO GRADE

Description: This work shall consist of furnishing all labor, equipment, and material necessary for adjusting the existing manhole lids as shown on the plans, as directed by the Engineer, and according to Section 604 of the Standard Specifications.

General: The existing frames and covers shall be adjusted to the proposed elevations of the adjacent concrete surfaces. The existing materials shall be salvaged and reused unless deemed unsuitable by the engineer, in which case separate payment will be made. No direct payment will be made for adjustment materials.

Basis of Payment: Payment for this work will be made at the contract unit price per each for ADJUSTING MANHOLE TO GRADE and shall include all labor, materials, equipment and tools necessary to complete all work specified under this item.

CONCRETE SIDEWALK, CURB RAMP (7" THICK)

Description: This item shall consist of constructing concrete curb ramps as shown on the plans, standard drawings, according to Section 608 of the Standard Specifications, and the requirements of the Americans with Disabilities Act (ADA).

General: MoDOT's ADA Inspection Checklist will be used for this project. It can be found at the end of this document or on MoDOT's website at:

http://www.modot.mo.gov/business/contractor_resources/forms.htm

Each item listed must receive either a "yes" or and "N/A" score. Any item receiving a "no" will be deemed non-compliant and shall be corrected at the CONTRACTOR'S expense unless deemed otherwise by the ENGINEER. The CONTRACTOR is expected to familiarize himself with the plans involving pedestrian facilities and the ADA Inspection Checklist prior to performing the work. The CONTRACTOR shall bring to the ENGINEER'S attention any planned work that is in conflict with the design or with the requirements shown in the ADA Inspection Checklist.

Basis of Payment: Payment for this work will be made at the contract unit price per square yard for CONCRETE SIDEWALK, CURB RAMP (7" THICK). No direct payment will be made for complying with the ADA Inspection Checklist.

TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)

Description: This work shall consist of furnishing and installing truncated domes at the locations shown on the plans according to Section 608 of the Standard Specifications, meeting all applicable requirements of the American with Disabilities Act (ADA), and as modified herein:

Materials: Materials shall be precast concrete panels, reinforced with stainless steel prestressed tendons. Concrete shall contain a waterproofing admixture and be surface treated with penetrating sealer, incorporating raised, truncated domes.

Color shall be red.

General: Detectable warnings shall consist of raised truncated domes meeting current ADA requirements. The detectable warning strip shall be imbedded into the concrete. If multiple panels are required, the panels shall be of equal dimensions.

Install panels immediately in fresh concrete and adjust panels to grade and ensure 100% surface contact with square edges of panels butted tightly together. Base of truncated dome should be flush with surfaces. Tolerance between panels and surrounding surfaces is 1/16 inch maximum. Immediately after placement re-check slope and elevation for proper grade.

Care shall be taken to ensure that the detectable warning strip is installed along the profile of the ramp. If water ponds at any location along the ramp, the entire ramp shall be removed and recast at the Contractor's expense.

Panel fragments may not be used unless approved by the Engineer.

Truncated dome panels shall be protected when applying curing compound to the adjacent concrete. Any overspray on the panels shall be cleaned immediately to the satisfaction of the Engineer.

Joints between panels and around the perimeter of the panels shall be caulked with a self-leveling (pour grade), or nonsag (gun) grade urethane sealant. The color of the sealant shall be limestone, unless otherwise approved by the Engineer.

Basis of Payment: This work will be measured and paid for at the contract unit price per square foot for TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION), which price shall include furnishing and installing the truncated domes and all materials, labor, equipment and tools necessary to complete all work specified under this item.

TRAFFIC CONTROL

Description: This work shall consist of furnishing, placing and maintaining signs, flags, barricades, fences, channelizers, cones and furnishing flagmen in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), provisions of this section, per the Construction Details, according to Sections 612 and 616 of the Standard Specifications, and as required by the City of Sunset Hills.

General: The Contractor shall provide, erect, move, and maintain traffic control devices in good condition as necessary to properly protect the work and provide for safe and convenient public travel for all work until acceptance by the City of Sunset Hills. The Contractor shall provide all signs, posts, channels, fasteners, barricades, fences, labor, and equipment to place the signs in accordance with the plans and these specifications and as may be additionally required by the City.

The Contractor shall verify daily that proper placement of devices is maintained, and all devices that are no longer necessary have been removed. Any device that becomes damaged or unserviceable shall be promptly replaced.

The Contractor shall keep all street name and traffic signs in service during the construction period. If construction activities obscure or otherwise reduce the effectiveness of a traffic sign, the Contractor shall either reset the sign or provide additional signage as required by the Engineer. The Contractor shall reset signs, as appropriate, after construction.

At any time during construction in which equipment, persons, or materials are located intermittently within a lane open to traffic, flagmen are to be provided. One (1)

unobstructed traffic lane shall be provided at all times except during the presence of flagmen. Ingress and egress to all abutting properties must be maintained at all times during construction.

The Contractor shall provide the Engineer with the name and telephone number of an individual who shall be on 24-hour call for erection and maintenance of traffic control devices or other problems that may arise.

Basis of Payment: Payment for this work will be made at the contract unit price per lump sum for TRAFFIC CONTROL, for all labor, materials and equipment, as needed to complete the work in accordance with these specifications.

CONTRACTOR FURNISHED SURVEYING AND STAKING

Description: This work consists of furnishing all materials, labor, and equipment necessary to provide construction staking for the proposed improvements, as specified and as directed by the Engineer. Horizontal and vertical control points shall be located as shown on the plans. Any additional control points set by the Local Agency will be identified in the field to the Contractor and all field notes will be kept in the office of the Engineer.

General: The Contractor shall provide labor, equipment and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary bench marks, necessary to secure a correct layout for the roadway portion of the work.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations and dimensions called for on the plans. Any inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of his/her responsibility to secure the proper dimensions, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are disturbed.

The Contractor shall provide the following items:

- The City will accept responsibility for the accuracy of the initial control points and stakes as provided herein. The Contractor shall assume full responsibility for all dimensions and measurements taken or derived by the Contractor from control points or stakes set by the City. It is not the responsibility of the City, except as provided herein, to check the correctness of the Contractor's stakes.
- The Contractor shall establish from the given survey points and bench marks, all any additional control points necessary to construct the individual project elements. It is the Contractor's responsibility to tie in control points in order to preserve them during construction operations.

- The Contractor shall be responsible for re-establishing any stakes removed or disturbed by construction operations.
- All work shall be according to normally accepted surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the Local Agency at the completion of the project. All notes shall be neat, orderly, and in accepted form.

Basis of Payment: Payment for this work will be made at the contract unit price per lump sum for CONTRACTOR FURNISHED SURVEYING AND STAKING.

MODULAR BLOCK WALL (H<4')

Description: This work shall consist of designing, furnishing, and erecting modular block retaining walls, as shown on the plans, and according to Section 720 of the Standard Specifications.

General: Modular Block wall units shall be as noted on the project plans or approved equivalent. The wall shall be constructed as noted on the project plans and according to the manufacturer specifications. Work includes designing, furnishing and installing solid precast modular blocks (PMB) or approved equal to the lines and grades shown on the plans and as specified herein. Also included are excavation for the wall, compaction of backfill, extension of the existing roof/yard drains, installation of toe drains, connection to existing storm sewer structure, furnishing and installing appurtenant materials required for construction of the complete system.

The wall shall be a small block wall system with split face design block and pewter gray in color.

The contractor shall provide to the City shop drawings, signed and sealed by a Registered Professional Engineer in the State of Missouri. There shall be no additional cost to the City for providing said shop drawings. No work shall be commenced prior to written approval of said shop drawings by the City.

The design shall conform to the requirements of the St. Louis County Department of Public Works Division of Code Enforcement: Residential Retaining Walls Building Permit Requirements.

The shop drawings shall incorporate the requirements shown on the Project Plans and in these specifications.

Materials: Wall Backfill - The porous granular wall backfill ("Granular Backfill") shall be as per manufacturer requirements.

Filter fabric will be installed as per manufacturer requirements

Geogrid backfill reinforcement will be installed as per manufacturer requirements.

Leveling Pad - The Contractor shall be responsible for determining the suitability of soil conditions or the presence of bedrock as they impact the leveling pad construction. The Contractor shall construct the leveling pad as per manufacturer requirements.

Construction Requirements: The Contractor shall confirm the extents and elevations of the components of the modular block wall and shall be responsible for the extents, elevations and components in the construction of the modular block wall.

The work area shall be cleared of debris prior to construction of the modular block wall and rock lining.

Sod all disturbed areas. See the Standard Specifications for sod requirements.

Measurement and Payment: The retaining wall will be measured in a vertical plane from the top of the capstone to the theoretical top of leveling pad for the length of the wall, as shown on the plans.

Basis of Payment: This work will be paid for at the contract unit price per square foot for MODULAR BLOCK WALL (H<4'), including blocks, leveling pad, granular backfill, reinforcing grid, drainage items, and any other related items, as measured per Section 720, and no additional compensation will be allowed.

INLET PROTECTION DEVICE, SINGLE UNIT – FILTER SOCK/ROLL **INLET PROTECTION DEVICE DOUBLE UNIT – FILTER SOCK/ROLL**

Description: This work shall consist of furnishing, installing, and maintaining inlet protection devices at the locations shown in the plans or as directed by the Engineer to prevent silt and sediment from entering storm inlets and the storm sewer system. The inlet protection devices are not a substitute for silt fence and will be used in conjunction with silt fence installed along the project limits.

Materials: The inlet protection devices shall be constructed of synthetic filter material and nine (9) inches in diameter. The inlet protection devices shall be a minimum of two (2) feet longer than the curb inlet opening. The inlet protection devices shall be GutterBuddy, GutterGator or approved equal.

General: The contractor shall be responsible for all maintenance of the inlet protection devices. Accumulated silt shall be removed on a regular basis or as directed by the City.

Basis of Payment: This work shall be paid for at the contract unit price per EACH for INLET PROTECTION DEVICE, SINGLE UNIT- FILTER SOCK/ROLL or INLET PROTECTION DEVICE, DOUBLE UNIT – FILTER SOCK/ROLL which price shall include all materials, equipment, tools and labor necessary to install and maintain the inlet protection devices through the duration of construction and no additional

compensation will be allowed. Damaged inlet protection devices as determined by the Engineer, shall be replaced at no additional cost to the City.

TREE PROTECTION MEASURES DURING CONSTRUCTION

Description: This item shall consist of protecting the existing trees from damage, including tree trunk, branch, and root zone protection. A vibratory plow knife shall be used to cut a line between 24" and 30" deep along the edge of any proposed excavation within the drip line of any tree shown as DND on the plans.

General: Tree trunk and root zone protection shall generally consist of placing a temporary fence (4' high with stakes every 15") in a circle (with diameter approximately 2' wider than the tree diameter) around the tree trunk. If roots are encountered during excavation, they shall be cut with a saw instead of ripped by construction equipment. The contractor shall repair or replace trees indicated to remain that are damaged by construction operations, in a manner approved by Engineer.

Rock and dirt shall not be stored in the drip line of any tree shown as DND on the plans for longer than 24 hours. Heavy equipment should not repeatedly compact the soil in the drip line of any tree shown as UIP on the plans.

Basis of Payment: Payment for this work will be made at the contract unit price per each for TREE PROTECTION and shall include all labor, materials, equipment and tools necessary to complete all work specified under this item.

ADJUSTMENT OF PREFORMED PULL BOX

Description: This work shall consist of furnishing all labor, equipment, and material necessary for adjusting the existing pull box as shown on the plans, as directed by the Engineer, and according to Sections 604 and 904 of the Standard Specifications.

General: The existing boxes, frames, and covers shall be adjusted to the proposed elevations of the adjacent concrete surfaces. The existing materials shall be salvaged and reused unless deemed unsuitable by the engineer, in which case separate payment will be made. No direct payment will be made for adjustment materials.

Basis of Payment: Payment for this work will be made at the contract unit price per each for ADJUSTMENT OF PREFORMED PULL BOX and shall include all labor, materials, equipment and tools necessary to complete all work specified under this item.

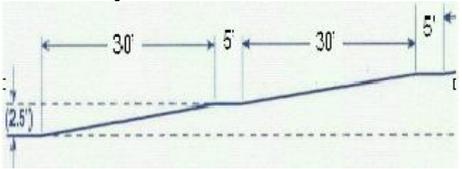
ADA CHECKLIST

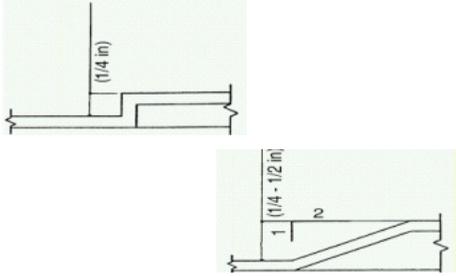
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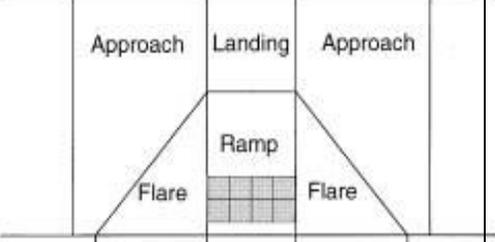
Job No. _____ Route _____ County _____ Location _____

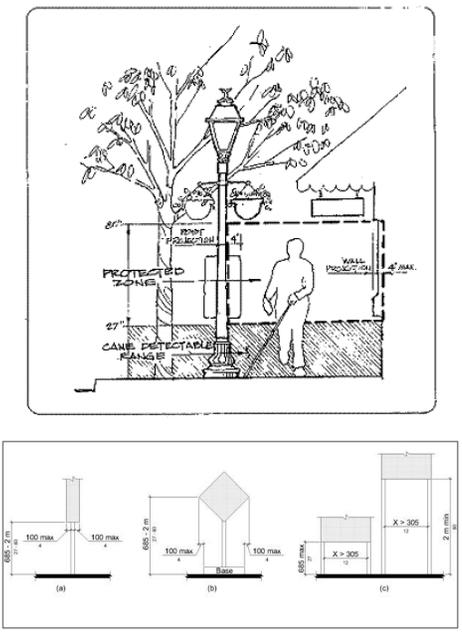
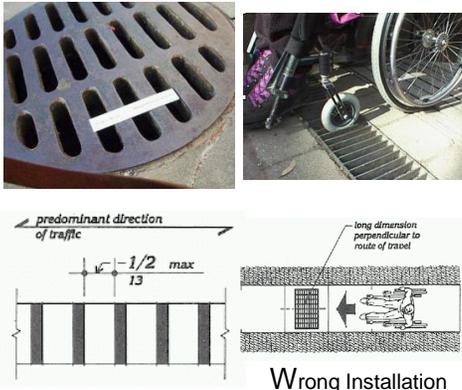
Pedestrian Access Route (PROWAG R204)

Figures/Examples	Requirements ¹	YES	NO	NA
<p>Sidewalk Width</p> 	<ul style="list-style-type: none"> The minimum continuous and unobstructed clear width of a pedestrian access route shall be 4.0 feet, exclusive of the width of the curb. The continuous clear width of pedestrian access routes for medians and pedestrian refuge islands must be 5 feet minimum in order to allow for passing space. MoDOT Sidewalks shall be 5 feet wide minimum. ² MoDOT Sidewalks located within 2 feet of the back of curb are to be constructed 6 feet wide minimum and constructed adjacent to the back of the curb. ² Exception: an unaltered, existing sidewalk shall be 3 feet wide minimum and shall provide 5 foot x 5 foot passing spaces at intervals of 200 feet maximum. ² Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Where commercial driveways are provided with traffic control devices or otherwise are permitted to operate like public streets, detectable warnings should be provided at the junction between the pedestrian route and the street. Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. 			
<p>Passing Spaces</p>	<ul style="list-style-type: none"> Walkways in pedestrian access routes that are less than 5 feet in clear width shall provide passing spaces at intervals of 200 feet maximum. Pedestrian access routes at passing spaces shall be 5 feet wide for a distance of 5 feet. 			
<p>Sidewalk Running Slope The grade that is parallel to the direction of travel, expressed as a ratio of rise to run or as a percent.</p>	<ul style="list-style-type: none"> The running slope of a pedestrian access route shall be 5 percent maximum. <p>Roadway Grade Exception: Where pedestrian access routes are contained within a street or highway right-of-way, the grade of the pedestrian access route is permitted to equal the general grade established for the adjacent street or highway.</p> <ul style="list-style-type: none"> Running Slopes shall be measured using a calibrated 2 foot long digital level. 			

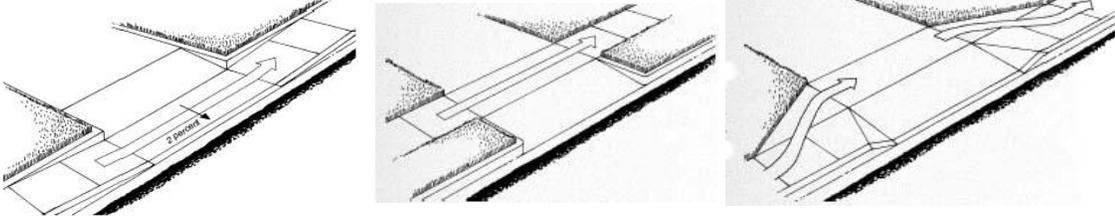
Figures/Examples	Requirements ¹	YES	NO	NA
<p>Sidewalk Cross Slope The grade that is perpendicular to the direction of accessible pedestrian travel, measured perpendicular to the curb line or edge of the street or highway, or measured perpendicular to the running grade.</p>	<ul style="list-style-type: none"> • The cross slope of the walkway of a pedestrian access route shall be 2 percent maximum. (Roadway Grade Exception may be considered) • 2010 ADA/ABA allows for cross slopes of up to ¼ inch per foot (2.08 percent). • In either case, a cross slope measurement of 2.1 percent or greater is not ADA compliant. • Cross Slopes shall be measured using a calibrated 2 foot long digital level. 			
<p>Sidewalk Ramps</p> <p>For example, a ramp segment with the maximum allowed running slope of 8.33% would require 5' x 5' landing after every 30' of run.</p> 	<ul style="list-style-type: none"> • A sidewalk segment (not contained within a street or highway border) with a running grade in excess of 5 percent but less than 8.33 percent is by definition a sidewalk ramp. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • Cross slope of ramp runs shall be 2 percent maximum. • The rise for any ramp run shall be 30 inches maximum. • Ramps shall have landings at the top and the bottom of each ramp run. • Ramp runs with a rise greater than 6 inches shall have handrails. • Handrails shall be provided on both sides of stairs and ramps. • Edge protection shall be provided on each side of ramp runs. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. 			

Figures/Examples	Requirements ¹	YES	NO	NA
<p data-bbox="92 136 352 168">Vertical Alignment</p>	<ul data-bbox="583 136 1709 574" style="list-style-type: none"> • Vertical alignment shall be planar within curb ramp runs, blended transitions, landings, and gutter areas within the pedestrian access route, and within clear spaces required for accessible pedestrian signals, street furniture, and operable parts. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. • Grade breaks shall be flush. • Running Slopes and Cross Slopes shall be measured using a calibrated 2 foot long digital level. • Where the pedestrian access route crosses rail tracks at grade, the surface of the pedestrian access route shall be level and flush with the top of the rail at the outer edges of the rail. The surface between the rails shall be aligned with the top of the rail. 			
<p data-bbox="92 586 340 618">Changes in Level</p>  	<ul data-bbox="583 586 1719 824" style="list-style-type: none"> • Changes in level at grade breaks shall be flush. • Changes in level of ¼ inch high maximum shall be permitted to be vertical. • Changes in level between ¼ inch high maximum and ½ inch high maximum shall be beveled with a slope not steeper than 1v:2h. • The bevel shall be applied across the entire level change. • Changes in level greater than ½ inch high shall be ramp grade or flatter, a slope of 8.33 percent or less. 			

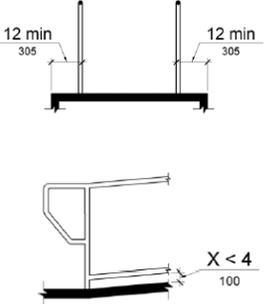
Figures/Examples	Requirements ¹	YES	NO	NA
<p>Landing A required level space required at both ends of a ramp. An area 5' x 5' with no slope greater than 2 percent. This space can be used as a place to rest, turn or pass another user.</p> <p>Landings that are contained within a street or highway border are permitted to use the Roadway Grade Exception for running slopes or cross slopes in the direction of the roadway travel being matched.</p>	<ul style="list-style-type: none"> The landing clear width shall be at least as wide as the widest ramp run leading to the landing. The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4 feet minimum. The landing clear length shall be 5 feet long minimum. Landing slopes shall be 2 percent maximum. Changes in level at grade breaks shall be flush. Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Detectable warning shall be located on the landing or blended transition at the back of curb. Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. 			
 <p>The diagram illustrates a cross-section of a pedestrian access route. It shows a central 'Landing' area flanked by 'Approach' areas. A 'Ramp' leads up to the landing, and 'Flare' areas are shown on either side of the ramp. Below the landing and approach areas is a 'Gutter'.</p>	<p>Roadway Grade Exception: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade.</p>			
	<ul style="list-style-type: none"> Running Slopes and Cross Slopes shall be measured using a calibrated 2 foot long digital level. 			

Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> • Protruding objects on sidewalks and other pedestrian circulation paths shall not reduce the clear width required for pedestrian accessible routes. • Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path. • Free-standing objects mounted on posts or pylons shall overhang circulation paths 4 inches maximum measured horizontally from the post or pylon base when located 27 inches minimum and 80 inches maximum above the finish floor or ground. The base dimension shall be 2.5 inches thick minimum. (2011 PROWAG R402.3) • Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches, the lowest edge of such sign or obstruction shall be 27 inches maximum or 80 inches minimum above the finish floor or ground. • Vertical clearance shall be 80 inches high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish floor or ground. • Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish surface or ground. 			
 <p data-bbox="357 1209 546 1242">Wrong Installation</p>	<ul style="list-style-type: none"> • Openings in floor and ground surfaces shall not allow passage of a sphere more than ½ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Lift holes for manhole/utility covers shall not have an opening greater than ½ inch. Plugging of holes greater than ½ inch with a material approved by the engineer is acceptable as long as it complies with the changes in level requirements. 			

ENTRANCES (PROWAG R301)

Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> The minimum continuous and unobstructed clear width of a pedestrian access route provided across commercial and residential entrances shall be 4 feet minimum. Cross slope shall be 2 percent maximum. Be cautious with the transition from the driveway to the roadway to avoid grade combinations that will cause vehicles to bottom out when driving over the transition.² 			

EDGE PROTECTION (PROWAG R406.8)

Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> Edge protection shall be provided on each side of ramp runs and at each side of ramp landings. A curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. Edge-protection shall not be required when the floor or ground surface of the ramp run or landing extends 12 inches minimum beyond the inside face of a handrail. Edge protection shall not be required on curb ramps and their landings. Edge protection shall not be required on ramps that are not required to have handrails and have flares not steeper than 1:10. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2 inch maximum within 10 inches horizontally of the minimum landing area. 			

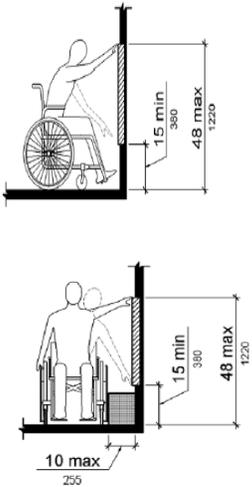
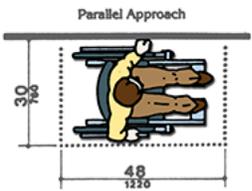
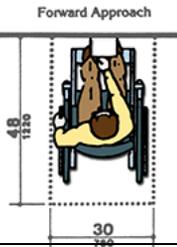
HANDRAIL AND PEDESTRIAN GUARDRAIL (PROWAG R408)

Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> • The clear width of walking surfaces shall be 4.0 feet minimum. • Handrails are required on ramp runs with a rise greater than 6 inches and on certain stairways. Handrails are not required on walking surfaces with running slopes less than 1:20. Where required, handrails shall be provided on both sides of stairs and ramps. • Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. • Top of gripping surfaces of handrails shall be 34 inches minimum and 38 inches maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. • Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches minimum. • Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches minimum and 2 inches maximum. • Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6 1/4 inches maximum, and a cross-section dimension of 2 1/4 inches maximum. • Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. • Handrails shall not rotate within their fittings. • Ramp handrails shall extend horizontally above the landing for 12 inches minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. • At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. • At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. • See Edge Protection section above (also PROWAG 406.8) for additional details. 			

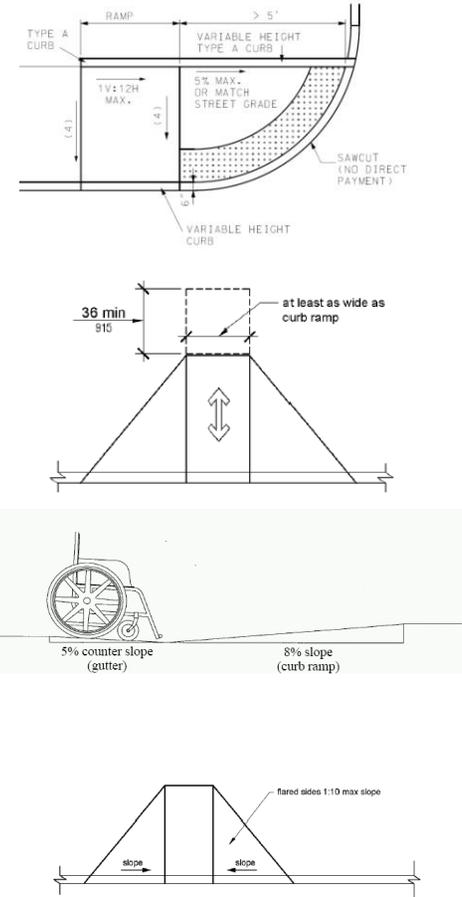
STAIRWAYS (PROWAG R407)

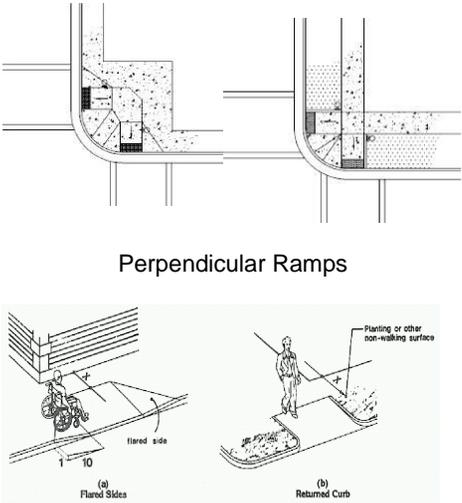
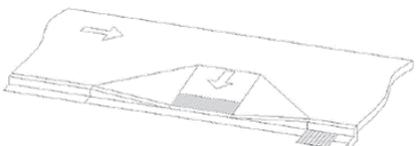
Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches high minimum and 7 inches high maximum. Treads shall be 11 inches deep minimum. Open risers are not permitted. The radius of curvature at the leading edge of the tread shall be 1/2 inch maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches maximum over the tread below. Stairs shall have handrails complying with PROWAG 2005 R408. 			

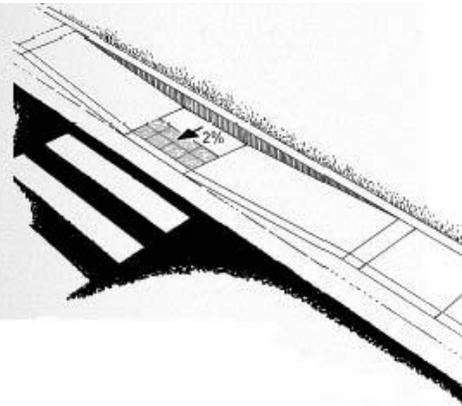
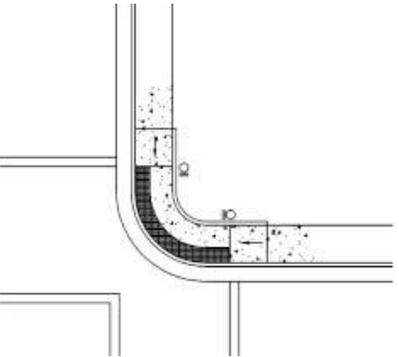
UNOBSTRUCTED REACH RANGES (PROWAG R404)

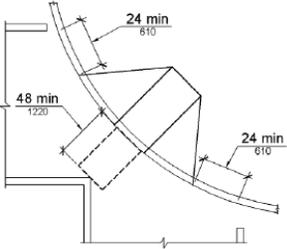
Figures/Examples	Requirements ¹	YES	NO	NA
	<p>Forward Reach</p> <ul style="list-style-type: none"> Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. <p>Side Reach</p> <ul style="list-style-type: none"> Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches maximum. (2011 PROWAG R406.3) <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Parallel Approach</p>  </div> <div style="text-align: center;"> <p>Forward Approach</p>  </div> </div>			

CURB RAMPS (PROWAG R303)

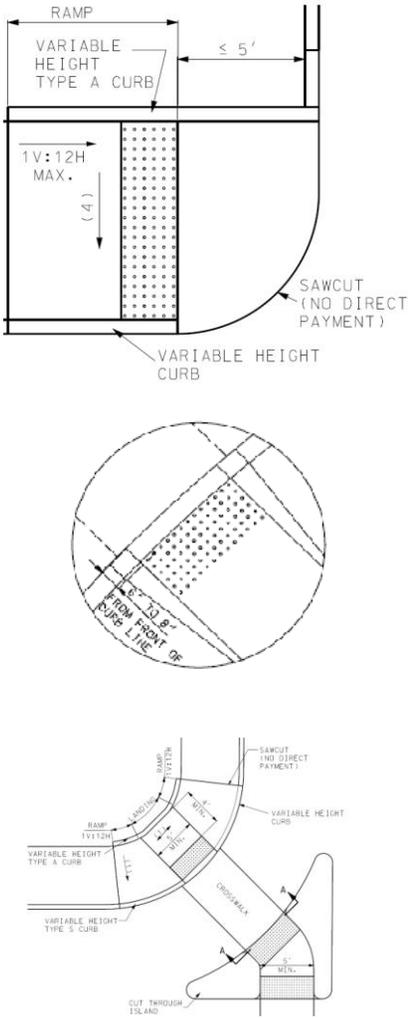
Figures/Examples	Requirements ¹	YES	NO	NA
<p>A curb ramp, blended transition, or a combination of curb ramps and blended transitions shall connect the pedestrian access routes at each pedestrian street crossing.</p>  <p>15 Foot Rule: For a compliant curb ramp to exceed 8.33 percent running grade, its constructed length must exceed 15.0 feet.</p>	<ul style="list-style-type: none"> The clear width of ramps, excluding the flares, shall be 4.0 feet minimum. Ramp runs shall have a running slope between 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. <p>Exception: 15 Foot Rule: The running slope for a curb ramp is not limited to 8.33 percent maximum if the constructed curb ramp length exceeds 15 feet in length.</p> <ul style="list-style-type: none"> Cross slope of ramp runs shall be 2 percent maximum. (Roadway Grade Exception may be considered) The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. Ramps shall have landings at the top and the bottom of each ramp run. <ul style="list-style-type: none"> The landing clear width shall be at least as wide as the widest ramp run leading to the landing. The landing clear length shall be 5.0 feet long minimum. Ramps that change direction between runs at landings shall have a clear landing 5.0 feet minimum by 5.0 feet minimum. Handrails and Edge protection shall not be required on curb ramps and their landings. Curb height = 0 inches within curb ramp spaces. 2 Curb ramps must be flush with street. The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transition shall be 5 percent maximum. (R303.3.5) The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level. Flared sides with a slope of 10 percent maximum, measured parallel to the curb line, shall be provided where a pedestrian circulation path crosses the curb ramp. <ul style="list-style-type: none"> In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12. Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. Grade Breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. 			

Figures/Examples	Requirements ¹	YES	NO	NA
 <p style="text-align: center;">Perpendicular Ramps</p> <p>(a) Flared Sides X = 4' Min. Flared Sides in Pathway Flared Sides Not in Pathway</p> <p>(b) Returned Curb Planting or other non-walking surface</p> <p>Roadway Grade Exception: Where curb ramps, landings and blended transitions are contained within a street or highway right-of-way, the grade of the pedestrian access route is permitted to be modified to equal the general grade established for the adjacent street or highway.</p> 	<ul style="list-style-type: none"> • Perpendicular curb ramps shall have a running slope that cuts through or is built up to the curb at right angles or meets the gutter grade break at right angles. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • The running slope shall be 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. • The cross slope at intersections shall be 2 percent maximum. (Roadway Grade Exception may be considered) • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. <p>Roadway Grade Exception: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade.</p> <ul style="list-style-type: none"> • A landing 4.0 feet minimum by 4.0 feet minimum shall be provided at the top of the curb ramp and shall be permitted to overlap other landings and clear space. • Flared sides with a slope of 10 percent maximum, measured parallel to the curb line, shall be provided where a pedestrian circulation path crosses the curb ramp. • If the flared sides are not in the pathway (grass next to ramp), then there is no maximum slope and can be vertical curbs. (See adjacent figure for further explanation.) • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. At least one end of the bottom grade break shall be at the back of curb. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Where both ends of the bottom grade break are 5.0 feet or less from the back of curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end of the bottom grade break is more than 5.0 feet from the back of curb, the detectable warning shall be located on the lower landing. 			

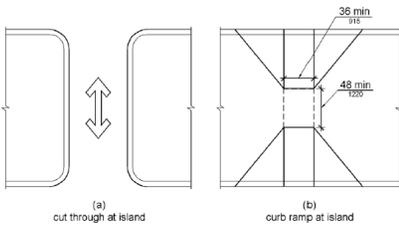
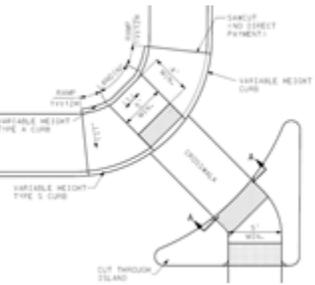
Figures/Examples	Requirements ¹	YES	NO	NA
 <p data-bbox="94 625 556 803">Curb Ramps and landings that are contained within a street or highway border may use the Roadway Grade Exception for slopes or cross slopes in the direction of the roadway travel being matched.</p>	<ul data-bbox="588 138 1722 406" style="list-style-type: none"> • Parallel curb ramps shall have a running slope that is in-line with the direction of sidewalk travel. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • The running slope shall be 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. • The cross slope shall be 2 percent maximum. (Roadway Grade Exception may be considered) <p data-bbox="630 430 1743 633">Roadway Grade Exception: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade.</p> <ul data-bbox="588 657 1722 1063" style="list-style-type: none"> • A landing 4.0 feet minimum by 4.0 feet minimum shall be provided at the bottom of the ramp run and shall be permitted to overlap other landings and clear floor or ground space. • Where a parallel curb ramp does not occupy the entire width of a sidewalk, drop-offs at diverging segments shall be protected. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. 			
	<ul data-bbox="588 1079 1743 1485" style="list-style-type: none"> • Blended Transitions shall have a running slope of 5 percent maximum and cross slope shall be 2 percent maximum. • The clear width blended transitions, excluding flares, shall be 4.0 feet minimum. • Detectable warning surfaces shall be provided where a blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on blended transitions within the pedestrian access route. • Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. At least one end of the bottom grade break shall be at the back of curb. Grade breaks shall not be permitted on the surface of blended transitions and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. 			

Figures/Examples	Requirements ¹	YES	NO	NA
 	<ul style="list-style-type: none"> • Diagonal Curb Ramps or corner type curb ramps are no longer preferred design types. A design that provides individual ramps for each crossing direction is recommended by the US Access Board. • Diagonal Curb Ramps or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. • The bottom of diagonal curb ramps shall have a clear space 48 inches minimum outside active traffic lanes of the roadway. • Diagonal curb ramps provided at marked crossings shall provide the 48 inches minimum clear space within the markings. • Diagonal curb ramps with flared sides shall have a segment of curb 24 inches long minimum located on each side of the curb ramp and within the marked crossing. <p>Roadway Grade Exception: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade.</p> <ul style="list-style-type: none"> • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Running and cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. 			

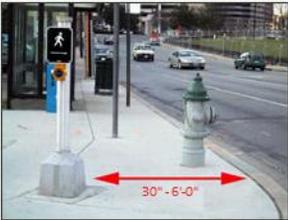
DETECTABLE WARNINGS DEVICES (TRUNCATED DOMES) (PROWAG R304)

Figures/Examples	Requirements ¹	YES	NO	NA
<p>A surface feature of truncated dome material built in or applied to the walking surface to advise of an upcoming change from pedestrian to vehicular way.</p> 	<ul style="list-style-type: none"> • Detectable warnings shall consist of a surface of truncated domes aligned in a square or radial grid pattern complying with 2010 ADA Standards. Detectable warning surfaces shall contrast visually with adjacent gutter, street or highway, or walkway surfaces, either light-on-dark or dark-on-light. • Detectable warning surfaces shall extend 24 inches minimum in the direction of travel and the full width of the curb ramp (exclusive of flares), the landing, or the blended transition. Detectable warning surfaces are required where curb ramps, blended transitions, or landings provide a flush pedestrian connection to the street. • Sidewalk crossings of residential driveways should not generally be provided with detectable warnings, since the pedestrian right-of-way continues across most driveway aprons and overuse of detectable warning surfaces should be avoided in the interests of message clarity. However, where commercial driveways are provided with traffic control devices or otherwise are permitted to operate like public streets, detectable warnings should be provided at the junction between the pedestrian route and the street. • Perpendicular Curb Ramps: Where both ends of the bottom grade break are 5 feet or less from the back of curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end of the bottom grade break is more than 5 feet from the back of curb, the detectable warning shall be located on the lower landing. • Landings and Blended Transitions: The detectable warning shall be located on the landing or blended transition at the back of curb. • Rail Crossings: The detectable warning surface shall be located so that the edge nearest the rail crossing is 6 feet minimum and 15 feet maximum from the centerline of the nearest rail. The rows of truncated domes in a detectable warning surface shall be aligned to be parallel with the direction of wheelchair travel. • Detectable warnings at cut-through islands shall be located at the curb line in-line with the face of curb and shall be separated by a 2.0 foot minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning shall be located at the edge of roadway. • Exception, when detectable warnings are required by a manufacturer's installation specifications to be embedded into concrete with a surrounding edge, domes may be installed at less than the required full width. Under this exception, the detectable warning surface shall never be more than 2 inches from the edge of the curb ramp, the landing, or the blended transition.² • Detectable warnings shall not be stamped into concrete. 			

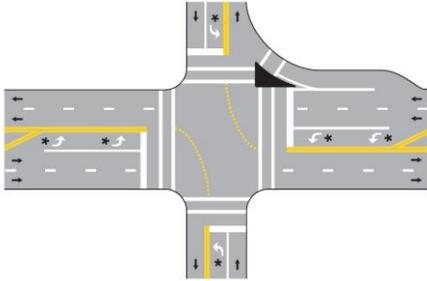
ISLANDS AND MEDIANS (PROWAG R305.4)

Figures/Examples	Requirements ¹	YES	NO	NA
  	<ul style="list-style-type: none"> Medians and pedestrian refuge islands in crosswalks shall contain a pedestrian access route, including passing space and connecting to each crosswalk. Raised islands in crossings shall be cut through level with the street or have curb ramps and required landings at both sides. All median island passage spaces shall provide a clear width of 5 feet minimum.² Medians and pedestrian refuge islands shall be 6.0 feet minimum in length in the direction of pedestrian travel. <p>Roadway Grade Exception: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade.</p> <ul style="list-style-type: none"> Each curb ramp shall have a level area 48 inches long minimum by 36 inches wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch minimum by 36 inch minimum area shall be oriented so that the 48 inch minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch minimum by 36 inch minimum areas and the accessible route shall be permitted to overlap. Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Medians and pedestrian refuge islands shall have detectable warnings at curb ramps and blended transitions. Detectable warnings at cut-through islands shall be located at the curb line in-line with the face of curb and shall be separated by a 2.0 foot minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning shall be located at the edge of roadway. Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. 			

ACCESSIBLE PEDESTRIAN SIGNALS (PUSHBUTTONS) (PROWAG R306)

Figures/Examples	Requirements ¹	YES	NO	NA
    	<ul style="list-style-type: none"> • Each crosswalk with pedestrian signal indication shall have an accessible pedestrian signal which includes audible and vibrotactile indications of the WALK interval. Where a pedestrian pushbutton is provided, it shall be integrated into the accessible pedestrian signal. ← ON HOLD waiting for MoDOT Specs and APL • Accessible pedestrian signals shall be located so that the vibrotactile feature can be contacted from the level landing serving a curb ramp, if provided, or from a clear floor or ground space that is in line with the crosswalk line adjacent to the vehicle stop line. • Accessible pedestrian pushbuttons shall be located within a reach range complying with PROWAG 2005 R404. • A clear floor or ground space shall be provided at the pushbutton and shall connect to or overlap the pedestrian access route. <p><u>Roadway Grade Exception:</u> Clear spaces required at accessible pedestrian signals and pedestrian pushbuttons and at other accessible elements are permitted to have a running slope or cross slope consistent with the grade of the adjacent pedestrian access route.</p> <ul style="list-style-type: none"> • Pedestrian signals shall comply with PROWAG 2005 R306. <ul style="list-style-type: none"> - Pushbuttons are a minimum 2 inches across in one dimension, raised (not recessed), contrast visually with the housing or mounting, and have a maximum force of 5 pounds to activate operable parts. - The control face of the pushbuttons is installed parallel to the direction of the crosswalk it serves. - The location of pushbuttons for new construction are within a longitudinal distance of 5 feet maximum from the crosswalk line, and 30 inches minimum to 6 feet maximum from the curb line. - For audible pedestrian signal devices only, pushbuttons are a minimum 10 feet apart at crossings and a minimum 5 feet apart at islands or medians. This minimum distance may be waived for audible pushbuttons in medians and islands with the use of voice commands. - Pushbuttons are located no higher than 42 inches from the ground and within 10 inch reach from a level paved landing with minimum dimensions of 48 inches x 30 inches positioned for a parallel approach to the pushbutton. For a forward approach space (30 x 48 inches) the allowed reach range is 0 inches. - Where pushbuttons for the visually impaired are installed, tactile signs are to be provided that meet ADA requirements. 			

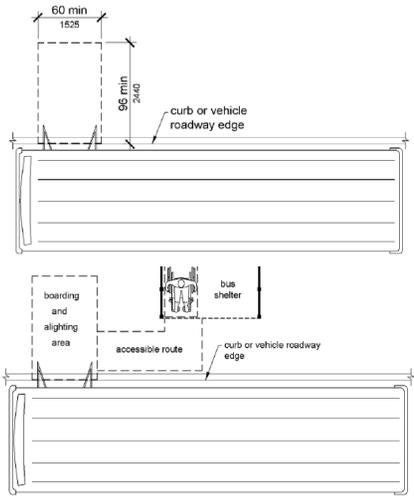
PEDESTRIAN STREET CROSSINGS (PROWAG R305)

Figures/Examples	Requirements ¹	YES	NO	NA
 	<ul style="list-style-type: none"> • Crosswalks shall contain a pedestrian access route that connects to departure and arrival walkways through any median or pedestrian refuge island. • Marked crosswalks shall be 6 feet wide minimum. • The grade of the pedestrian access route is permitted to equal the general grade established for the adjacent street or highway, except that where pedestrian access routes are contained within pedestrian street crossings a maximum grade of 5 percent is required. • A 5 percent maximum cross slope is specified for pedestrian access routes contained within pedestrian street crossings without yield or stop control. • Crossings with Stop Control: The cross slope shall be 2 percent maximum. • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. • The running slope shall be 5 percent maximum, measured parallel to the direction of pedestrian travel in the crosswalk. • Where pedestrian signals are provided at pedestrian street crossings, they shall include accessible pedestrian signals and pedestrian pushbuttons complying with sections 4E.08 through 4E.13 of the MUTCD. Operable parts shall comply with R403. (2011 PROWAG R209.1) ← ON HOLD waiting for MoDOT Specs and APL • Crosswalk pavement marking is 6 inches wide white. • Stop bar is at minimum 4 feet from the crosswalk. • Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Beyond the curb face, a clear space of 4.0 feet minimum by 4.0 feet minimum shall be provided within the width of the crosswalk and wholly outside the parallel vehicle travel lane. 			

ALTERNATE CIRCULATION PATH (PROWAG R302)

Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> • Alternate circulation paths shall contain a pedestrian access route. • To the maximum extent feasible, the alternate circulation path shall be provided on the same side of the street as the disrupted route. • Where the alternate circulation path is exposed to adjacent construction, excavation drop-offs, traffic, or other hazards, it shall be protected with a pedestrian barricade or channelizing device complying with MUTCD 6F-58, 6F-63, and 6F-66. • Pedestrian barricades and channelizing devices shall be continuous, stable, and non-flexible and shall consist of a wall, fence, or enclosures specified in section 6F-58, 6F-63, and 6F-66 of the MUTCD (incorporated by reference; see PROWAG 2005 R104.2.4). • A detectable continuous bottom edge shall be provided 2 inches maximum above the ground or walkway surface. • Devices shall provide a continuous surface or upper rail at 3.0 feet minimum above the ground or walkway surface. • Support members shall not protrude into the alternate circulation path. 			

BUS BOARDING AND ALIGHTING AREAS (PROWAG R410)

Figures/Examples	Requirements ¹	YES	NO	NA
	<ul style="list-style-type: none"> • Bus stop boarding and alighting areas shall have a firm, stable surface. • Bus stop boarding and alighting areas shall provide a clear length of 8 feet minimum, measured perpendicular to the curb or vehicle roadway edge, and a clear width of 5 feet minimum, measured parallel to the vehicle roadway. • Bus stop boarding and alighting areas shall be connected to streets, sidewalks, or pedestrian paths by an accessible route. • Parallel to the roadway, the slope of the bus stop boarding and alighting area shall be the same as the roadway, to the maximum extent practicable. Perpendicular to the roadway, the slope of the bus stop boarding and alighting area shall not be steeper than 2 percent. • Bus shelters shall provide a minimum 30 inch by 48 inch clear floor or ground space entirely within the shelter. • Bus shelters shall be connected by an accessible route to a boarding and alighting area. 			

¹ Any “NO” answer means that location is ADA non-compliant and needs to be corrected before final acceptance of the work, except as follows. Although exceptions listed in the above requirements may not meet MoDOT current policy standards, work that does meet the minimum ADA standards will be accepted as ADA compliant. Where it is technically infeasible to correct deficiencies as part of the current work, those locations will be labeled as non-compliant and marked “NO”. These items will be added to the Transition Plan Inventory for correction at a later date. (Guidance is provided in ADA documents and in the EPG on what may be considered as technically infeasible.)

² A MoDOT requirement.

Unless otherwise noted, all notes on this form are direct ADA requirements as published in either the PROWAG dated November 23, 2005 or ADA/ABA Standards from 2010.

All exceptions and technically infeasible locations should be discussed with the project manager and/or area engineer prior to acceptance of the work. All exceptions and technically infeasible locations will need to be thoroughly documented by the engineer, and that documentation will be attached to this form and retained as part of the final acceptance records.

All slope and grade measurements for ADA compliance will be made using a calibrated 2 foot long digital level.

US Access Board PROWAG

R202.3.1 Prohibited Reduction in Required Access. An alteration shall not decrease or have the effect of decreasing the accessibility of a facility or an accessible connection to an adjacent building or site below the requirements for new construction in effect at the time of the alteration.

Inspector Name: _____ Inspector Signature: _____	Date:
Resident Engineer or Area Engineer Name: _____ Resident Engineer or Area Engineer Signature: _____	Date:
Distribution: <input type="checkbox"/> Project Office <input type="checkbox"/> District Permit Office	

SAMPLE

ADA EXCEPTIONS DOCUMENTATION

Job No. _____ Route _____ County _____ Location _____

<u>Item</u>	<u>Location</u>	<u>Standard</u>	<u>As Built</u>	<u>Discussion</u>
Sidewalk Width	Third Street Sta 3+00 to 7+00 RT	5' wide	Exist 3' wide	Required 5' x 5' Passing Space added at 5+00
Curb Ramp Grade	SE Quad of Main & First	8.33%	11.2%	As-built Curb Ramp is 16.0' long
Parallel Ramp Landing running grade (turning space)	Sta 35+20 to 35+25 Rt Rte 14	2.00%	2.6%	Landing running grade matches existing roadway grade
Sidewalk Grade	Sta 23+45 to 23+52	5.0%	8.4%	Match existing floor at two exist doorways, Straight grade between fixed elevations

Inspector Name: _____	
Inspector Signature: _____	Date:
Resident Engineer or Area Engineer Name: _____	
Resident Engineer or Area Engineer Signature: _____	Date:
Distribution: <input type="checkbox"/> Project Office <input type="checkbox"/> District Permit Office	

Missouri

Division of Labor Standards

WAGE AND HOUR SECTION



JEREMIAH W. (JAY) NIXON, Governor

Annual Wage Order No. 22

Section 100
ST. LOUIS COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

John E. Lindsey, Director
Division of Labor Standards

This Is A True And Accurate Copy Which Was Filed With The Secretary of State: March 10, 2015

Last Date Objections May Be Filed: April 9, 2015

Prepared by Missouri Department of Labor and Industrial Relations

OCCUPATIONAL TITLE	** Date of Increase	*	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits
Asbestos Worker (H & F) Insulator			\$38.06	55	60	\$20.71
Boilermaker	9/15		\$32.76	126	7	\$30.10
Bricklayer and Stone Mason	11/15		\$32.50	72	5	\$20.69
Carpenter	6/15		\$36.34	77	41	\$15.75
Cement Mason	6/15		\$30.56	80	6	\$17.30
Communication Technician			\$30.35	44	47	\$9.53 + 31.50%
Electrician (Inside Wireman)	8/15		\$34.20	82	71	\$10.78 + 39.5%
Electrician (Outside-Line Construction\Lineman)	9/15		\$42.52	43	45	\$5.00 + 36.5%
Lineman Operator	9/15		\$36.70	43	45	\$5.00 + 36.5%
Groundman	9/15		\$28.38	43	45	\$5.00 + 36.5%
Elevator Constructor	8/15	a	\$45.09	26	54	\$30.005
Glazier	6/15		\$33.13	87	31	\$19.58 + 10.53%
Ironworker	8/15		\$32.88	11	8	\$23.825
Laborer (Building):						
General			\$30.57	97	26	\$14.02
First Semi-Skilled			\$30.31	114	27	\$14.02
Second Semi-Skilled			\$29.92	109	3	\$13.72
Lather			USE CARPENTER RATE			
Linoleum Layer and Cutter	6/15		\$31.08	92	26	\$15.45
Marble Mason	10/15		\$31.43	76	51	\$14.17
Marble Finisher	10/15		\$26.18	76	51	\$13.47
Millwright			USE CARPENTER RATE			
Operating Engineer						
Group I	6/15		\$32.16	3	66	\$24.16
Group II	6/15		\$32.16	3	66	\$24.16
Group III	6/15		\$30.26	3	66	\$24.16
Group III-A	6/15		\$32.16	3	66	\$24.16
Group IV	6/15		\$26.80	3	66	\$24.16
Group V	6/15		\$26.80	3	66	\$24.16
Painter	10/15		\$31.65	104	12	\$13.76
Pile Driver			USE CARPENTER RATE			
Pipe Fitter	7/15		\$37.00	91	69	\$26.68
Plasterer	7/15		\$31.06	67	3	\$17.53
Plumber	7/15		\$37.00	91	69	\$26.68
Roofer \ Waterproofer			\$30.70	15	73	\$16.67
Sheet Metal Worker	10/15		\$39.63	32	25	\$21.72
Sprinkler Fitter - Fire Protection	10/15		\$41.96	66	18	\$21.62
Terrazzo Worker	6/15		\$32.11	116	5	\$13.37
Terrazzo Finisher	10/15		\$30.35	116	5	\$11.84
Tile Setter	10/15		\$31.43	76	51	\$14.17
Tile Finisher	10/15		\$26.18	76	51	\$13.47
Traffic Control Service Driver			\$27.35	83	17	\$9.045
Truck Driver-Teamster			\$30.41	35	36	\$10.82

Fringe Benefit Percentage is of the Basic Hourly Rate

**Annual Incremental Increase

**REPLACEMENT PAGE
ST. LOUIS COUNTY
BUILDING CONSTRUCTION OVERTIME SCHEDULE**

FED: Minimum requirement per Fair Labor Standards Act means time and one-half (1 ½) shall be paid for all work in excess of forty (40) hours per work week.

NO. 3: Means the regular workday shall consist of eight (8) consecutive hours, exclusive of a thirty (30) minute lunch period, with pay at the straight time rate. The regular workday shall begin between the hours of 6:00 a.m. and 9:00 a.m. The Employer may have the option to schedule the work week from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be paid at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather, holiday or other conditions beyond the control of the Employer, they shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hours for the workweek. All overtime work performed on Monday through Saturday shall be paid at time and one-half (1½) the hourly rate plus an amount equal to one-half (½) of the hourly Total Indicated Fringe Benefits. All work performed on Sundays and recognized holidays shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Shifts may be established when considered necessary by the Employer. Shift hours and rates will be as follows. If shifts are established, work on the First Shift will begin between 6:00 a.m. and 9:00 a.m. and consist of eight (8) hours of work plus one-half hour unpaid lunch. Hours worked during the first shift will be paid at the straight time rate of pay. The second shift shall start eight hours after the start of the first shift and consist of eight (8) hours of work plus one-half hour unpaid lunch. Work on the second shift will begin between 2:00 p.m. and 5:00 p.m. and be paid the straight time rate plus \$2.50 per hour. The third shift shall start eight hours after the start of the second shift and consist of eight (8) hours plus one-half hour unpaid lunch. Work on the third shift will begin between 10:00 p.m. and 1:00 a.m. and be paid the straight time rate plus \$3.50 per hour. The additional amounts that are to be paid are only applicable when working shifts. Shifts that begin on Saturday morning through those shifts which end on Sunday morning will be paid at time and one-half these rates. Shifts that begin on Sunday morning through those shifts which end on Monday morning will be paid at double time these rates.

NO. 11: Means eight (8) hours shall constitute a day's work, with the starting time to be established between 6:00 a.m. and 8:00 a.m. from Monday to Friday. Time and one-half (1½) shall be paid for first two (2) hours of overtime Monday through Friday and the first eight (8) hours on Saturday. All other overtime hours Monday through Saturday shall be paid at double (2) time rate. Double (2) time shall be paid for all time on Sunday and recognized holidays or the days observed in lieu of these holidays.

NO. 15: Means the regular working day shall be scheduled to consist of at least eight (8) hours, but no more than ten (10) consecutive hours, exclusive of the lunch period. The regular working day may be scheduled to commence at any time between the hours of 5:00 a.m. and 10:00 a.m. All work performed in excess of forty (40) hours in one work week, or in excess of ten (10) hours in one work day shall be paid at the rate of one and one-half (1½) times the regular hourly wage scale. Any work performed on a Saturday shall be paid for at the rate of one and one-half (1½) times the regular hourly wage scale unless such Saturday work falls under the category of Saturday Make-Up Day. Any work performed by Employees anywhere on Sunday or recognized holidays, shall be paid for at the rate of double (2) time the regular wage scale. If, during the course of a work week, an Employee is unable to work for any reason, and, as a result, that Employee has not accumulated forty (40) hours of compensable time at the straight time rate, the Employer, at his option may offer the Employee the opportunity to work on Saturday at straight time; provided, however, if during the period worked by said Employee on Saturday, the Employee's compensable time at the straight time rate exceeds forty (40) hours, all time worked in excess of the forty (40) hours will be paid at the rate of one and one-half (1½) times the regular hourly wage scale.

NO. 26: Means that the regular working day shall consist of eight (8) hours worked between 6:00 a.m., and 5:00 p.m., five (5) days per week, Monday to Friday, inclusive. Hours of work at each jobsite shall be those established by the general contractor and worked by the majority of trades. (The above working hours may be changed by mutual agreement). Work performed on Construction Work on Saturdays, Sundays and before and after the regular working day on Monday to Friday, inclusive, shall be classified as overtime, and paid for at double (2) the rate of single time. The employer may establish hours worked on a jobsite for a four (4) ten (10) hour day work week at straight time pay for construction work; the regular working day shall consist of ten (10) hours worked consecutively, between 6:00 a.m. and 6:00 p.m., four (4) days per week, Monday to Thursday, inclusive. Any work performed on Friday, Saturday, Sunday and holidays, and before and after the regular working day on Monday to Thursday where a four (4) ten (10) hour day workweek has been established, will be paid at two times (2) the single time rate of pay. The rate of pay for all work performed on holidays shall be at two times (2) the single time rate of pay.

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NO. 32: The regular working day shall consist of eight (8) hours of labor on the job between six (6) a.m. and four (4) p.m. and the regular working week shall consist of five (5) consecutive eight (8) hour day's of labor on the job beginning with Monday and ending with Friday of each week. The normal work week is 40 hours. All full-time or part-time labor performed during such hours shall be recognized as regular working hours and paid for at the regular hourly rate. All work performed during regular work hours on Saturdays will be paid at time and one-half (1 ½). All work performed outside of regular working hours and performed during the regular work week, shall be at double (2) times the regular rate, except that the first two (2) hours following the regular work day shall be paid at one and one-half (1½) times the regular rate. An early starting time of 6:00 a.m. may be used mutually agreed upon by the interested parties. **SHIFT RATE:** Shift work would start after 4:00 p.m. to 6:00 a.m. The first 8 hours would be at 115% of the basic wage rate. Overtime Monday through Friday would be at 1 ½ of base shift rate. Saturday regular work day hours – 1½ of base shift rate. Saturday – work after 8 hours – 2 times the basic wage rate. Sunday and Holidays – 2 times the basic wage rate. All work performed on recognized holidays and Sundays shall be paid double (2) time. Appropriate overtime rates to be based on fifteen minute increments.

NO. 35: Means a regular work week of forty (40) hours, will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof maybe worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A work day is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time maybe advanced or delayed if mutually agreed to by the interested parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

NO. 43: Eight (8) hours shall constitute a work day between the hours of 7:00 a.m. and 4:30 p.m. Forty (40) hours within five (5) days, Monday through Friday inclusive, shall constitute the work week. Work performed in the 9th and 10th hour, Monday through Friday, shall be paid at time and one-half (1½) the regular straight time rate of pay. Contractor has the option to pay two (2) hours per day at the time and one-half (1½) the regular straight time rate of pay between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. Work performed outside the regularly scheduled working hours and on Saturdays, Sundays and recognized legal holidays, or days celebrated as such, shall be paid for at the rate of double (2) time.

NO. 44: Means forty (40) hours shall constitute a work week, Monday through Friday. Eight (8) hours shall constitute a work day. Hours of work shall be between the hours of 7:00 a.m. and 4:30 p.m. All work performed before 7:00 a.m. and after 4:30 p.m. and all work performed in excess of eight (8) hours in any one work day, over forty (40) hours in any work week and the first eight (8) hours of work on Saturday, shall be paid at the rate of one and one-half (1½) times the regular rate of pay. All hours worked in excess of eight (8) hours on Saturday, all hours worked on Sunday and on holidays, or days that may be celebrated as such, and as designated by the federal government, shall be paid at two (2) times the regular rate of pay. All shifts for work performed between the hours of 4:30 p.m. and 1:00 a.m. shall receive eight (8) hours pay at the regular hourly rate of pay plus two dollars (\$2.00) per clock hour. All work performed between the hours of 12:30 a.m. and 9:00 a.m. on a third shift shall receive eight (8) hours pay at the regular hourly rate plus four dollars (\$4.00) per clock hour. All overtime work required after the completion of a regular shift shall be paid at one and one-half times (1½ x) the "shift" hourly rate.

NO. 55: Means the regular work day shall be eight (8) hours between 6:00 a.m. and 4:30 p.m. The first two (2) hours of work performed in excess of the eight (8) hour work day, Monday through Friday, and the first ten (10) hours of work on Saturday, shall be paid at one & one-half (1½) times the straight time rate. All work performed on Sunday, observed holidays and in excess of ten (10) hours a day, Monday through Saturday, shall be paid at double (2) the straight time rate.

NO. 66: Means eight (8) hours shall constitute a day's work beginning at 7:00 a.m. (or 8:00) A.M. and ending at 3:30 (or 4:30) P.M. The work week shall be forty (40) hours beginning Monday at 7:00 a.m. (or 8:00) A.M. and ending Friday at 3:30 (or 4:30) P.M. The Employer at his option may use a flexible starting time between the hours of 6:00 a.m. and 8:00 a.m. All overtime, that is worked outside of the above established working hours of Monday through Friday, shall be paid at double (2) time, including Saturdays, Sundays and Holidays.

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NO. 67: Means eight (8) hours shall constitute a day's work, with a flexible starting time to begin between 6:00 a.m. to 8:00 a.m., five (5) days a week, Monday through Friday. Any work over eight (8) hours in any one day shall be at the overtime rate, which is time & one-half (1½). Any work on Saturday shall be at time & one-half (1½), unless a Make-Up Day due to inclement weather is in effect. Any work on Sundays or holidays shall be at double (2) time. Four (4) days, ten (10) hours each day to be worked during Monday through Friday, shall be paid at straight time. A Make-Up Day Due To Inclement Weather Only - Employee(s) will be permitted to work an eight (8) hour make-up day on Saturday only, and the employee will receive the regular straight time wage rate.

NO. 72: Means that except as is otherwise provided herein, the work week shall be determined to begin at 8:00 a.m. Wednesday and end at 4:30 p.m. on the following Tuesday. Except as herein provided, working hours are from 8:00 a.m. to 11:55 a.m. and 12:30 p.m. to 4:25 p.m. and no more than the regular hours shall be worked during the forenoon or afternoon at the regular rate. In the case of days of inclement weather starting time and quitting time may be adjusted so long as the hours worked on such days do not exceed eight (8) and do not extend beyond 4:30 p.m. In circumstances where the Employee or Employees have regularly been working overtime on a particular day or days, no adjustment in the starting time shall operate to deprive Employees of overtime pay, which they would have otherwise received but for the change in the starting time. The parties understand that the application of the provisions of the preceding sentence will result in Employees receiving overtime pay even where they have not worked more than with (8) hours on a particular day. Regardless of the starting time, the forenoon working hours shall end at 11:55 a.m. and the afternoon working hours shall begin at 12:30 p.m. and end 8 hours and 25 minutes after the starting time fixed by the Employer for forenoon hours. Work performed by an employee on a non-holiday Saturday, except as hereinafter provided, or at night or before or after regular working hours on a non-holiday weekday, shall be considered overtime work, for which Employees working during such time shall be paid at the rate of one and one-half (1½) times their regular hourly wage rate for each hour or fraction thereof, worked during such time. Work performed on a Sunday or the recognized holidays shall be considered overtime work for which the Employee shall be paid twice the amount of his or her regular hourly wage rate for each hour or fraction thereof worked on any such day.

NO. 76: Means the standard workday shall consist of eight (8) hours of work between the hours of 8:00 a.m. and 4:30 p.m. with a thirty (30) minute unpaid lunch hour occurring in the middle of the shift. The standard workweek shall consist of five standard workdays commencing on Monday and ending on Friday. The normal starting and quitting times may be changed by mutual consent of interested parties. All time worked before and after the established eight (8) hour workday, Monday through Friday, and all time worked on Saturday, shall be paid for at the rate of time & one-half (1½) the hourly base wage rate in effect. All time worked on Sunday and holidays shall be paid at the rate of double (2) the hourly wage in effect. All work done on Saturday will be done at time & one-half (1½), unless Saturday shall be used as a make-up day. If an employee should lose one or more days in a work week and use Saturday as a make-up day the pay shall be at the regular hourly base wage rate and benefits.

NO. 77: Means the regular workday shall consist of eight (8) consecutive hours, exclusive of a thirty (30) minute lunch period, with pay at the regular straight time hourly rate. The regular workday shall begin on the job site between the hours of 6:00 a.m. and 8:00 a.m. with the starting time to be determined by the Employer, unless project owner requires different starting time. This adjustable starting time can, at the Employer's option, be staggered to permit starting portions of the work force at various times within the prescribed hours. The Employer may establish a four (4) ten (10) hour shift exclusive of the thirty (30) minute lunch period at the straight time wage rate. Forty (40) hours per week shall constitute a week's work Monday through Thursday. In the event a job is down due to weather conditions, safety or other conditions beyond the control of the Employer, then Friday may, at the option of the employer, be worked as a make-up day at the straight time wage rate. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. Time and one-half (1 ½) shall be paid for all overtime hours worked during the week, Monday through Friday and for all work performed on Saturday. Double (2) time shall be paid for all time worked on Sunday and recognized holidays.

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NO. 80: Means eight (8) hours shall constitute the regular work day and forty (40) hours a work week, Monday through Friday. The Employer shall establish the starting time between 6:30 a.m. through 9:00 a.m. An Employer may further adjust the starting time up to 9:30 a.m. throughout the year. Time and one-half (1½) shall be paid after eight (8) consecutive hours worked after the established starting time and for hours worked before the established starting time. Time and one-half (1½) shall be paid for work performed on Saturdays. Work performed on Sundays and Holidays shall be paid at the double (2) time rate of pay. The Employer when working on Highway and Road Work may have the option to schedule the work week for his paving crew only from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate of time and one-half (1½). If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), the Employer shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hours.

NO. 82: Means the work day shall consist of eight (8) hours worked between 7:00 a.m. and 4:30 p.m. Forty (40) hours will constitute the work week from Monday through Friday, inclusive. Up to four (4) hours of overtime work per day performed before or after the assigned normal work day, (twelve (12) continuous hours, starting no earlier than 6:00 a.m., Monday through Friday), shall be paid at a rate of one and one-half times (1.5x) that employee's hourly rate. Any additional overtime, Monday through Friday, shall be paid at two times (2x) the regular rate of pay. The first eight hours of overtime work on Saturday shall be paid at the rate of one and one-half times (1.5x) the regular rate of pay. Hours worked in excess of eight (8) hours on Saturday shall be paid at two times (2x) the regular rate of pay. Double time shall be paid for work performed on Sundays, recognized legal holidays or days that may be celebrated as such as designated by the federal government. All shifts for work performed between the hours of 4:30 p.m. and 1:00 a.m. shall be paid at the regular hourly rate plus two dollars (\$2.00) per clock hour. All shifts for work performed between the hours of 12:30 a.m. and 9:00 a.m. shall be paid at the regular hour rate plus four dollars (\$4.00) per clock hour. All overtime work required after the completion of a regular shift shall be paid at one and one-half times (1.5x) the "shift" hourly rate.

NO. 83: Means eight (8) hours shall constitute the regular workday except when the Employer elects to work Four, 10-Hour days as explained in this Section with starting time to be between the hours of 6:00 a.m. and 9:00 a.m. as determined by the Employer. This adjustable starting time can, at the Employer's option, be staggered to permit starting portions of the work force at various times within the prescribed hours. Overtime is to be paid after eight (8) hours at the rate of time and one-half (1½). The Employer may have the option to schedule his workweek from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate of time and one-half (1½). If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling) he shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. However, should a holiday occur, Monday through Thursday, the Employer shall have the option to work Friday at the straight time rate of pay, unless work is halted due to inclement weather (rain, snow, sleet falling). The work week is to begin on Monday. Time and one-half (1½) shall be paid for Saturday work. Double (2) time shall be paid for all Sunday work and work performed on recognized holidays.

NO. 87: Means eight (8) hours starting between 6:00 a.m. and 8:00 a.m. and ending between 2:30 p.m. and 4:30 p.m. at the Employers discretion shall constitute a day's work. Any work prior to 6:00 a.m. or after eight (8) hours shall be paid at the overtime rate. Five (5) days from Monday through Friday inclusive shall constitute a regular work week. All hours before and after these regular hours shall be considered overtime and shall be paid for at the rate of double (2) time. All work on Saturday and Sunday shall be paid at double (2) the prevailing scale of wages.

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NO. 91: Means eight (8) hours shall constitute a day's work commencing at 7:00 a.m. and ending at 3:30 p.m., allowing one-half (½) hour for lunch. The option exists for the Employer to use a flexible starting time between the hours of 6:00 a.m. and 9:00 a.m. The regular workweek shall consist of forty (40) hours of five (5) workdays, Monday through Friday. The workweek may consist of four (4) ten (10) hour days from Monday through Thursday, with Friday as a make-up day. If the make-up day is a holiday, the employee shall be paid at the double (2) time rate. The employees shall be paid time and one-half (1½) for work performed on Saturdays, before the regular starting time or after the regular quitting time or over eight (8) hours per work day (unless working a 10-hour work day, then time and one-half (1½) is paid for work performed over ten (10) hours a day) or over forty (40) hours per work week. Work performed on Sundays and recognized holidays shall be paid at the double (2) time rate of pay. **SHIFT WORK:** When it is necessary for the project to operate in shifts, there will be three (3) eight (8) hour shifts commencing at 8:00 a.m. Shift work must continue for a period of not less than three (3) consecutive work days, two (2) days which must be regular work days (Monday through Friday). In the event the second or third shift of any regular work day shall fall into a Saturday or a holiday, such extension into a Saturday or holiday shall be considered as part of the previous workday and employees shall be paid at the regular shift rate. The first day shift shall work a regular eight (8) hour day at regular rates. The second shift shall be eight (8) hours regular time pay plus \$2.50 per hour premium for eight (8) hours work. Third shift will be for eight (8) hours regular time pay plus \$3.00 per hour premium for eight (8) hours work.

NO. 92: Means all work performed from 8:00 a.m. to 4:30 p.m., Monday through Friday, will be at straight time pay up to forty (40) hours per week. All work performed Monday through Friday before 8:00 a.m. and after 4:30 p.m. will be done at time and one-half (1½). All work done on Saturday will be done at time and one-half (1½), unless the employer and employee agree that Saturday shall be used as a make-up day. The Employer may use a flexible starting time of 7:00 a.m. to 8:00 a.m., and quitting time of 3:30 p.m. to 4:30 p.m., and any such different work starting time shall determine whether wages are payable at the straight rate or the premium rate. All work performed on Saturday shall be paid for at time and one-half (1½), unless the Saturday has been used as a make-up day. All work performed on Sunday and holidays shall be paid for at the rate of double (2) time.

NO. 97: Means the regular workday shall consist of eight (8) consecutive hours, exclusive of a thirty minute lunch period with pay at the regular straight time hourly rate. The regular workday shall begin on the job site between the hours of 6:00 a.m. and 9:00 a.m. with the starting time to be determined by the Employer. This adjustable start time can, at the Employer's option, be staggered to permit starting portions of the work force at various times within the prescribed hours. The workweek shall begin Monday at the established starting time. The Employer may establish a four (4) ten (10) hour shift exclusive of a thirty (30) minute unpaid lunch period at the straight time wage rate. Forty (40) hours per week shall constitute a week's work, Monday through Thursday. In the event a job is down due to weather conditions, holiday, or other conditions beyond the control of the Employer, then Friday may, at the option of the Employer, be worked as a make-up day at the straight time wage rate. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. When an Employer works a project on a four (4) ten (10) hour day work schedule, the Employer will not bring in any other crew for a fifth workday on the project while not calling in the normal crew that had been scheduled for that project. Time and one-half (1½) shall be paid for work performed in excess of eight (8) hours on any regular workday or outside the hours limiting a regular workday, Monday through Friday. Time and one-half (1½) shall be paid for work performed on Saturdays. Double (2) time shall be paid for work performed on Sundays and recognized holidays. Projects that cannot be performed during regular workday: If required by owner, the contractor may perform work outside the normal work hours and employees shall be paid applicable straight time hourly wage rate plus a premium of two dollars and fifty cents (\$2.50) per hour for the first eight (8) hours worked. Any hours worked in excess of eight (8) hours shall be paid at the applicable overtime rate plus the two dollar and fifty cent (\$2.50) per hour premium. **Shift Work:** Shifts may be established when considered necessary by the Employer. Shifts hours and rates will be as follows: First Shift, Eight (8) hours plus one-half (1/2) hour for lunch. Second Shift, Eight (8) hours plus one-half (1/2) hour for lunch. Third Shift, Eight (8) hours plus one-half (1/2) hour for lunch. Shifts shall be established for a minimum of three (3) consecutive workdays. The first shift will be paid at eight (8) hours straight time for eight (8) hours work. The second shift will be paid eight (8) hours straight time plus a two dollar and fifty cent (\$2.50) per hour premium for eight (8) hours work, and third shift shall be paid eight (8) hours straight time plus a three dollar and fifty cent (\$3.50) per hour premium for eight (8) hours work. Overtime is computed after the premium has been added to the hourly wage rate. Nothing above prohibits the working of two (2) shifts at greater than eight (8) hours with the excess hours to be paid at overtime rate.

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NO. 104: Means eight (8) hours per day shall constitute a standard work day between the hours of 6:00 a.m. and 8:00 p.m. The standard work week shall be forty (40) hours between 6:00 a.m. on Monday and ending 8:00 p.m. on Friday. An overtime rate of time and one-half (1½) the base hourly rate shall be paid on all hours in excess of eight (8) hours in a day Monday through Friday. Saturdays shall be considered overtime and work done on Saturday shall be paid at time and one-half (1½) the prevailing scale. Sundays and holidays shall be considered overtime and work done on these days shall be paid at double (2) the prevailing scale.

NO. 109: Means a workday of eight (8) hours shall constitute the regular day's work beginning at 8:00 a.m. through 4:30 p.m.; five (5) days shall constitute a work week from Monday to Friday inclusive; time and one-half (1½) shall be paid for all work performed before 8:00 a.m. or after 4:30 p.m. of any day Monday through Friday, and all hours worked on Saturday. Double (2) time shall be paid for all work performed on Sunday or any of the recognized holidays. Overtime shall be computed at one-half (1/2) hour intervals. A flexible starting time for eight (8) hours shall constitute the regular workday between the hours of 6:00 a.m. and 5:30 p.m. with starting time determined by the Employer. This adjustable starting time can, at the employer's option, be staggered to permit starting portions of the work force at various times within the prescribed hours. The Employer may have the option to schedule his workweek from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), he shall have the option to work Friday at the straight time rate of pay to complete his forty (40) hours. When an Employer works a project of a four (4) ten (10) hour day work schedule, the Employer will not bring in any other crew for a fifth workday on the project while not calling in the normal crew that had been scheduled for that project. Projects that cannot be performed during regular workday: If required by owner, the contractor may perform work outside the normal work hours and employees shall be paid applicable straight time hourly wage rate plus a premium of two dollars and fifty cents (\$2.50) per hour for the first eight (8) hours worked. Any hours worked in excess of eight (8) hours shall be paid at the applicable overtime rate plus the two dollar and fifty cent (\$2.50) per hour premium. Shift work: Shifts may be established when necessary by the Employer. Shifts shall be established for a minimum of three (3) consecutive workdays. The first shift will be paid at eight (8) hours straight time pay for eight (8) hours work. The second shift will be paid at eight (8) hours straight time pay plus a two dollar and fifty cent (\$2.50) per hour premium for eight (8) hours work. The third shift will be paid at eight (8) hours straight time pay plus a three dollar and fifty cent (\$3.50) per hour premium for eight (8) hours work. Payment for shift work shall be determined when an Employer first begins his shift operation, i.e., the shifts which begin on Friday morning and end on Saturday morning will be paid straight time; the shifts which start on Saturday morning and end on Sunday morning will be paid at time and one-half (1½); the shift that start on Sunday morning and end on Monday morning will be paid at two (2) times the regular rate of pay. Employees working during the normal workday shall receive first shift pay; employees working predominantly in the evening hours shall receive second shift pay; employees working predominately during the early morning hours will receive third shift pay. Nothing above prohibits the working of two (2) shifts greater than eight (8) hours with excess hours to be paid at overtime rate.

NO. 114: Means eight (8) hours shall constitute a regular work day between the hours of 7:00 a.m. and 5:30 p.m. with a thirty (30) minute lunch period to start between the hours of 11:00 a.m. and 1:00 p.m. Five (5) days shall constitute a regular work week commencing on Monday and ending on Friday. One and one-half (1½) times the regular hourly rate of pay shall be paid for all overtime work, with the exception of holidays or Sundays. Overtime work shall be deemed to include any work performed in excess of eight (8) hours on any day in the regular work week, or any work performed before 7:00 a.m. or after 5:30 p.m. on any day in the regular work week. If a crew is prevented from working forty (40) hours Monday through Friday by reason of inclement weather, then Saturday may be worked by that crew as a make-up day at the straight time rate. Double (2) time shall be paid for work performed on Sundays and holidays, or days observed as such. Shift Work: In the case of three (3) shifts, workmen shall be paid eight (8) hours for seven and one-half (7½) hours worked.

NO. 116: Means the standard work day shall consist of eight (8) hours of work between the hours of 8:00 a.m. and 4:30 p.m. The standard work week shall consist of five standard work days commencing on Monday and ending on Friday inclusive. All time worked before and after the established eight (8) hour work day, Monday through Friday, and all time worked on Saturdays, shall be paid for at the rate of time & one-half (1½) the hourly base wage rate in effect. All time worked on Sundays and recognized holidays shall be paid for at the rate of double (2) the hourly base wage rate in effect.

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NO. 126: Means eight (8) hours per day shall constitute a day's work and forty (40) hours per week, Monday through Friday, shall constitute a week's work. The regular starting time shall be 8:00 a.m. If a second or third shift is used, the regular starting time of the second shift shall be 4:30 p.m. and the regular starting period for the third shift shall be 12:30 a.m. These times may be adjusted by the employer. The day shift shall work a regular eight (8) hours shift as outlined above. Employees working a second shift shall receive an additional \$0.25 above the regular hourly rate and perform seven and one-half (7½) hours work for eight (8) hours pay. Third shift employees shall be paid an additional \$0.50 above the regular hourly rate and work seven (7) hours for eight (8) hours pay. When circumstances warrant, the Employer may change the regular workweek to four (4) ten-hour days at the regular time rate of pay. All time worked before and after the established workday of eight (8) hours, Monday through Friday, and all time worked on Saturday shall be paid at the rate of time and one-half (1½) except in cases where work is part of an employee's regular Friday shift. All time worked on Sunday and recognized holidays shall be paid at the double (2) time rate of pay except in cases where work is part of an employee's previous day's shift. For all overtime hours worked \$28.81 of the fringe benefits portion of the prevailing wage shall be paid at the same overtime rate at which the cash portion of the prevailing wage is to be paid. The remaining \$1.29 of the fringe benefit portion of the prevailing wage may be paid at straight time.

ST. LOUIS COUNTY HOLIDAY SCHEDULE – BUILDING CONSTRUCTION

NO. 3: All work done on New Year's Day, Decoration Day, July 4th, Labor Day, Veteran's Day, Thanksgiving and Christmas shall be compensated at the double (2) time rate of pay. When any of these holidays fall on a Sunday, the following Monday shall be observed.

NO. 5: All work that shall be done on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day shall be paid at the double (2) time rate of pay.

NO. 6: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day and any additional holidays which may be mutually agreed upon. Whenever any such holiday falls on a Sunday, the following Monday shall be recognized and observed as the holiday. Work performed on Sundays and holidays shall be paid at the double time rate of pay. No work shall be performed on Labor Day.

NO. 7: The following days are assigned days and are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. If a holiday falls on a Saturday, it shall be observed on the preceding Friday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This is applied to protect Labor Day. When a holiday falls during the normal workweek, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week. However, no reimbursement for these eight (8) hours is to be paid to the workman unless worked. If workman are required to work the above enumerated holidays or days observed as such, or on Sunday, they shall receive double (2) the regular rate of pay for such work.

NO. 8: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day, or the days observed in lieu of these holidays, shall be paid at the double time rate of pay.

NO. 12: All work done on New Year's Day, Decoration Day, Independence Day, Veteran's Day, Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. Should any of these days fall on Sunday, then the following day shall be observed as the holiday. Under no circumstances shall employees be permitted to work on Labor Day.

NO. 17: All work performed by Employees working on the following legal holidays, namely New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, to be celebrated on either its national holiday or on the day after Thanksgiving whichever is agreed upon, Thanksgiving Day and Christmas Day shall be paid at the rate of double (2) time.

NO. 18: All work done on New Year's Day, Memorial Day, July 4th, Labor Day, Veteran's Day, Thanksgiving Day, the Friday following Thanksgiving and Christmas Day shall be paid at the double time rate of pay. When one of the above holidays falls on Sunday, the following Monday shall be considered the holiday, and when one of the above holidays falls on Saturday, the preceding Friday shall be considered the holiday, and all work performed on said day(s) shall be paid at the double time rate.

NO. 25: All work done on New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving, Christmas Day, Presidential Election Day, or days locally observed as such, and Saturday and Sunday shall be recognized as holidays and shall be paid at the double (2) time rate of pay. If a named holiday falls on a Saturday, the holiday will be observed on the preceding Friday. When a named holiday falls on Sunday, the Monday after will be observed as the holiday. Appropriate overtime rates to be based on fifteen minute increments.

NO. 26: All work done on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. When a Holiday occurs on Saturday it shall not be observed on either the previous Friday or the following Monday. Such days shall be regular work days. If such a holiday occurs on Sunday it shall be observed on the following Monday.

**ST. LOUIS COUNTY
HOLIDAY SCHEDULE – BUILDING CONSTRUCTION**

NO. 27: All work done on the following holidays or days observed as such shall be paid at the double time rate of pay: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

NO. 31: All work done on New Year's Day, Presidents Day, Good Friday, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and Employee's Birthday shall be paid at the double time rate of pay. If a holiday falls on Sunday, the following Monday will be observed as the recognized holiday. If a holiday falls on Saturday, the preceding Friday will be observed as the recognized holiday.

NO. 36: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workman unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make-up day when an observed holiday occurs during the work week. Employees have the option to work that make-up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 41: The following days shall be observed as legal holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. No work shall be performed on the Fourth of July, Labor Day or Christmas Day. Any work performed on the above holidays shall be paid for at two (2) times the regular straight time rate of pay. When any of the above holidays fall on Sunday, the following Monday shall be observed as such holiday. If a holiday falls on Saturday, it shall not be considered to be observed on the previous Friday or following Monday. Such days shall be regular workdays.

NO. 45: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving, the day before Christmas, and Christmas Day, shall be paid at the double time rate of pay.

NO. 47: The following holidays are recognized: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day. When a holiday listed above falls on Saturday, it shall be celebrated on the Friday preceding the holiday. When a holiday falls on Sunday, the following Monday shall be observed. Holidays referred to above shall be paid for at the double (2) time rate of pay when worked.

NO. 51: All time worked on Sundays and recognized holidays shall be paid for at the rate of double (2) the hourly base wage rate in effect. The Employer agrees to recognize the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. If the holiday falls on Sunday, it shall be recognized on the following Monday. If the holiday falls on a Saturday, it shall be recognized as a Saturday only holiday.

NO. 54: All work performed on New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day shall be paid at the double (2) time rate of pay. When a holiday falls on Saturday, it shall be observed on Friday. When a holiday falls on Sunday, it shall be observed on Monday.

NO. 60: All work performed on New Year's Day, Armistice Day (Veteran's Day), Decoration Day (Memorial Day), Independence Day (Fourth of July), Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. No work shall be performed on Labor Day except when triple (3) time is paid. When a holiday falls on Saturday, Friday will be observed as the holiday. When a holiday falls on Sunday, the following Monday shall be observed as the holiday.

**ST. LOUIS COUNTY
HOLIDAY SCHEDULE – BUILDING CONSTRUCTION**

NO. 66: All work performed on Sundays and the following recognized holidays, or the days observed as such, of New Year's Day, Decoration Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Whenever any such holidays fall on a Sunday, the following Monday shall be observed as a holiday.

NO. 69: All work performed on New Year's Day, Memorial Day, July Fourth, Labor Day, Veteran's Day, Thanksgiving Day or Christmas Day shall be compensated at double (2) their straight-time hourly rate of pay. Friday after Thanksgiving and the day before Christmas are also holidays, however, if the employer chooses to work the normal work hours on these days, the employee will be paid at straight-time rate of pay. If a holiday falls on a Saturday, the holiday will be observed on Saturday; if a holiday falls on a Sunday, the holiday will be observed on the following Monday.

NO. 71: All work performed on the following recognized holidays, or days that may be celebrated as such, shall be paid at the double (2) time rate of pay: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day. If a holiday falls on Sunday, it shall be celebrated on Monday. If a holiday falls on Saturday, it shall be celebrated on the Friday proceeding such Saturday.

NO. 73: The following days are recognized as holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day (or mutually agreed date of the Friday after Thanksgiving Day may be substituted for Veteran's Day), Thanksgiving Day and Christmas Day, or in the event that any of said Holidays falls on Sunday, then the day or days generally recognized as such. Any work performed anywhere on any of the aforesaid Holidays, or on the day or days recognized and observed as such, shall be paid for at double (2) time the regular hourly rate.

OCCUPATIONAL TITLE	* Date of Increase	Basic Hourly Rates	Over-Time Schedule	Holiday Schedule	Total Fringe Benefits
Carpenter	6/15	\$36.34	11	7	\$15.75
Cement Mason	6/15	\$30.56	17	11	\$17.30
Electrician (Outside-Line Construction\Lineman)	9/15	\$42.52	9	12	\$5.00 + 36.5%
Lineman Operator	9/15	\$36.70	9	12	\$5.00 + 36.5%
Lineman - Tree Trimmer	10/15	\$24.99	32	31	\$9.95 + 3%
Groundman	9/15	\$28.38	9	12	\$5.00 + 36.5%
Groundman - Tree Trimmer	10/15	\$19.80	32	31	\$8.10 + 3%
Laborer					
General Laborer		\$30.57	16	10	\$14.02
Millwright	6/15	\$36.34	11	7	\$15.75
Operating Engineer					
Group I	6/15	\$32.16	10	9	\$24.16
Group II	6/15	\$32.16	10	9	\$24.16
Group III	6/15	\$30.86	10	9	\$24.16
Group IV	6/15	\$27.40	10	9	\$24.16
Oiler-Driver	6/15	\$27.86	10	9	\$24.16
Pile Driver	6/15	\$36.34	11	7	\$15.75
Traffic Control Service Driver		\$27.35	26	25	\$9.045
Truck Driver-Teamster		\$30.41	25	21	\$10.82

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate sheet.

**REPLACEMENT PAGE
ST. LOUIS COUNTY
OVERTIME SCHEDULE - HEAVY CONSTRUCTION**

FED: Minimum requirement per Fair Labor Standards Act means time and one-half (1 ½) shall be paid for all work in excess of forty (40) hours per work week.

NO. 9: Eight (8) hours shall constitute a work day between the hours of 7:00 a.m. and 4:30 p.m. Forty (40) hours within five (5) days, Monday through Friday inclusive, shall constitute the work week. Work performed in the 9th and 10th hour, Monday through Friday, shall be paid at time and one-half (1½) the regular straight time rate of pay. Contractor has the option to pay two (2) hours per day at the time and one-half (1½) the regular straight time rate of pay between the hours of 6:00 a.m. and 5:30 p.m., Monday through Friday. Work performed in the first eight (8) hours on Saturday shall be paid at the rate of one and eight tenths (1.8) the regular straight time rate. Work performed outside these hours and on Sundays and recognized legal holidays, or days celebrated as such, shall be paid for at the rate of double (2) time.

NO. 10: Means the regular workday for which employees shall be compensated at straight time hourly rate of pay shall, unless otherwise provided for, begin at 8:00 a.m. and end at 4:30 p.m. The regular workweek shall consist of five (5) days, Monday through Friday, beginning at 8:00 a.m. and ending at 4:30 p.m. except as may be modified. The starting time may be either advanced or delayed one hour or two hours at the discretion of the Employer. The Employer may have the option to schedule his work week from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate. If the Employer elects to work Monday through Thursday and is stopped due to inclement weather, holidays or other conditions beyond the control of the Employer, he shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hour workweek. All necessary overtime and work performed on Saturday, shall be paid at time and one-half (1½) the hourly rate, plus an amount equal to one-half (½) of the hourly Total Indicated Fringe Benefits. All work performed on Sundays and recognized holidays shall be paid at double (2) the hourly rate, plus an amount equal to the hourly Total Indicated Fringe Benefits. Shifts may be established when considered necessary by the Employer. Shift hours and rates will be as follows. If shifts are established, work on the First Shift will begin between 6:00 a.m. and 9:00 a.m. and consist of eight (8) hours of work plus one-half hour unpaid lunch. Hours worked during the first shift will be paid at the straight time rate of pay. The second shift shall start eight hours after the start of the first shift and consist of eight (8) hours of work plus one-half hour unpaid lunch. Work on the second shift will begin between 2:00 p.m. and 5:00 p.m. and be paid the straight time rate plus \$2.50 per hour. The third shift shall start eight hours after the start of the second shift and consist of eight (8) hours plus one-half hour unpaid lunch. Work on the third shift will begin between 10:00 p.m. and 1:00 a.m. and be paid the straight time rate plus \$3.50 per hour. The additional amounts that are to be paid are only applicable when working shifts. Shifts that begin on Saturday morning through those shifts which end on Sunday morning will be paid at time and one-half these rates. Shifts that begin on Sunday morning through those shifts which end on Monday morning will be paid at double time these rates.

NO. 11: Means the regular work day shall consist of eight (8) consecutive hours, exclusive of a thirty (30) minute lunch period, with pay at the regular straight time hourly rate. The regular workday shall begin on the jobsite between the hours of 6:00 a.m. and 8:00 a.m. with the starting time to be determined by the Employer, unless project owner requires different starting time. This adjustable starting time can, at the Employer's option, be staggered to permit starting portions of the work force, at various times within the prescribed hours. The Employer may establish a four (4) ten (10) hour shift exclusive of the thirty (30) minute lunch period at the straight time wage rate. Forty (40) hours per work week shall constitute a week's work Monday through Thursday. In the event a job is down due to weather conditions, safety or other conditions beyond the control of the Employer, then Friday may, at the option of the Employer, be worked as a make up day at the straight time wage rate. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. Time and one-half (1½) shall be paid for all overtime hours worked during the week, Monday through Friday, and for all work performed on Saturday. Double time shall be paid for all time worked on Sunday and recognized holidays. **For all overtime hours worked during the week or on Saturday \$14.55 of the fringe benefits portion of the prevailing wage shall be paid at time and one-half (1½). For all overtime hours worked on Sundays or recognized holidays \$14.55 of the fringe benefits portion of the prevailing wage shall be paid double time. The remaining \$.70 of the fringe benefit portion of the prevailing wage shall be paid at straight time.**

**REPLACEMENT PAGE
ST. LOUIS COUNTY
OVERTIME SCHEDULE - HEAVY CONSTRUCTION**

NO. 16: Means the regular workday shall consist of eight (8) consecutive hours, exclusive of a thirty (30) minute lunch period with pay at the straight time hourly rate. The regular workday shall begin on the job site between the hours of 6:00 a.m. and 9:00 a.m. with the starting time to be determined by the Employer. This adjustable start time can, at the Employer's option, be staggered to permit starting portions of the work force at various times within the prescribed hours. The workweek shall begin Monday at the established starting time. The Employer may establish a four (4) ten (10) hour shift exclusive of a thirty (30) minute unpaid lunch period at the straight time wage rate. Forty (40) hours per week shall constitute a week's work, Monday through Thursday. In the event a job is down due to weather conditions, holiday, or other conditions beyond the control of the Employer, then Friday may, at the option of the Employer, be worked as a make-up day at the straight time wage rate. Straight time is not to exceed ten (10) hours a day or forty (40) hours per week. When an Employer works a project on a four (4) ten (10) hour day work schedule, the Employer will not bring in any other crew for a fifth workday on the project while not calling in the normal crew that had been scheduled for that project. Time and one-half (1½) shall be paid for work performed in excess of eight (8) hours on any regular workday or outside the hours limiting a regular workday, Monday through Friday. Time and one-half (1½) shall be paid for work performed on Saturdays. Double (2) time shall be paid for work performed on Sundays and recognized holidays. Projects that cannot be performed during regular workday: If required by owner, the contractor may perform work outside the normal work hours and employees shall be paid applicable straight time hourly wage rate plus a premium of two dollars and fifty cents (\$2.50) per hour for the first eight (8) hours worked. Any hours worked in excess of eight (8) hours shall be paid at the applicable overtime rate plus the two dollar and fifty cent (\$2.50) per hour premium. Shift work: Shifts may be established when considered necessary by the Employer. Shifts hours and rates will be as follows: First Shift, Eight (8) hours plus one-half (1/2) hour for lunch. Second Shift, Eight (8) hours plus one-half (1/2) hour for lunch. Third Shift, Eight (8) hours plus one-half (1/2) hour for lunch. Shifts shall be established for a minimum of three (3) consecutive workdays. The first shift will be paid at eight (8) hours straight time for eight (8) hours work. The second shift will be paid eight (8) hours straight time plus a two dollar and fifty cent (\$2.50) per hour premium for eight (8) hours work, and third shift shall be paid eight (8) hours straight time plus a three dollar and fifty cent (\$3.50) per hour premium for eight (8) hours work. Overtime is computed after the premium has been added to the hourly wage rate. Nothing above prohibits the working of two (2) shifts at greater than eight (8) hours with the excess hours to be paid at overtime rate.

NO. 17: Means eight (8) hours shall constitute the regular work day and forty (40) hours a work week, Monday through Friday. The Employer shall establish the starting time between 6:30 a.m. through 9:00 a.m. An Employer may further adjust the starting time up to 9:30 A.M. throughout the year. Time and one-half (1½) shall be paid after eight (8) consecutive hours worked after the established starting time and for hours worked before the established starting time. Time and one-half (1½) shall be paid for work performed on Saturdays. Work performed on Sundays and Holidays shall be paid at the double (2) time rate of pay. The Employer when working on Highway and Road Work may have the option to schedule the work week for his paving crew only from Monday through Thursday at ten (10) hours per day at the straight time rate of pay with all hours in excess of ten (10) hours in any one day to be at the applicable overtime rate of time and one-half (1½). If the Employer elects to work from Monday through Thursday and is stopped due to inclement weather (rain, snow, sleet falling), the Employer shall have the option to work Friday at the straight time rate of pay to complete the forty (40) hours.

NO. 25: Means a regular work week of forty (40) hours, starting on Monday and ending on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof maybe worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A work day is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time maybe advanced or delayed if mutually agreed to by the interest parties. All hours worked on recognized holidays, or days observed as such, double (2) time shall be paid.

**REPLACEMENT PAGE
ST. LOUIS COUNTY
OVERTIME SCHEDULE - HEAVY CONSTRUCTION**

NO. 26: Means a regular work week of forty (40) hours will start on Monday and end on Friday. The regular work day shall be either eight (8) or ten (10) hours. If a crew is prevented from working forty (40) hours Monday through Friday, or any part thereof by reason of inclement weather, Saturday or any part thereof may be worked as a make-up day at the straight time rate. Employees who are part of a regular crew on a make-up day, notwithstanding the fact that they may not have been employed the entire week, shall work Saturday at the straight time rate. A workday is to begin between 6:00 a.m. and 9:00 a.m. However, the project starting time may be advanced or delayed if mutually agreed to by the interest parties. For all time worked on recognized holidays, or days observed as such, double (2) time shall be paid.

No. 32: Means the overtime rate shall be time and one-half the regular rate for work over forty (40) hours per week. Sundays and Holidays shall be paid at double the straight time rate.

**ST. LOUIS COUNTY
HOLIDAY SCHEDULE – HEAVY CONSTRUCTION**

NO. 7: The following days shall be observed as legal holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. No work shall be performed on the Fourth of July, Labor Day or Christmas Day. Any work performed on the above holidays shall be paid for at two (2) times the regular straight time rate of pay. When any of the above holidays fall on Sunday, the following Monday shall be observed as such holiday. If a holiday falls on Saturday, it shall not be considered to be observed on the previous Friday or following Monday. Such days shall be regular workdays.

NO. 9: All work performed on Sundays and the following recognized holidays, or the days observed as such, of New Year's Day, Decoration Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day, shall be paid at double (2) the hourly rate plus an amount equal to the hourly Total Indicated Fringe Benefits. Whenever any such holidays fall on a Sunday, the following Monday shall be observed as a holiday.

NO. 10: All work done on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day shall be paid at the double time rate of pay. When a holiday occurs on Saturday it shall not be observed on either the previous Friday or the following Monday. Such days shall be regular work days. If such a holiday occurs on Sunday, it shall be observed on the following Monday.

NO. 11: Means all work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day, and any additional holidays which may be mutually agreed upon shall be paid at the double (2) time rate of pay. Whenever any such holiday falls on a Sunday, the following Monday shall be recognized and observed as the holiday. No work shall be performed on Labor Day.

NO. 12: All work performed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day, or days celebrated as such, shall be paid at the double time rate of pay. When one of the foregoing holidays falls on Sunday, it shall be celebrated on the following Monday. When one of the foregoing holidays falls on Saturday, it shall be celebrated on the Friday before the holiday.

NO. 21: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workman unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make-up day when an observed holiday occurs during the work week. Employees have the option to work that make-up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 25: The following days are recognized as holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. If a holiday falls on a Sunday, it shall be observed on the following Monday. No work shall be performed on Labor Day except in case of jeopardy to work under construction. This rule is applied to protect Labor Day. When a holiday falls during the normal work week, Monday through Friday, it shall be counted as eight (8) hours toward the forty (40) hour week; however, no reimbursement for this eight (8) hours is to be paid the workmen unless worked. An Employer working a four (4) day, ten (10) hour schedule may use Friday as a make up day when an observed holiday occurs during the work week. Employees have the option to work that make up day. If workmen are required to work the above enumerated holidays, or days observed as such, they shall receive double (2) the regular rate of pay for such work.

NO. 31: All work performed on New Year's Day, Presidents' Day, Veterans' Day, Good Friday, Decoration Day, Fourth of July, Labor Day, Christmas Eve Day, Christmas Day, Thanksgiving Day and Day after Thanksgiving or days celebrated for the same.