

CONTRACT



BETWEEN THE CITY OF MOORE, OKLAHOMA AND SILVER STAR CONSTRUCTION CO., INC. FOR SOUTH TELEPHONE ROAD WIDENING

Preamble

This Contract is entered into between the City of Moore, Oklahoma ("the City"), a municipality, with principal offices at 301 N. Broadway, Moore, Oklahoma 73160 and Silver Star Construction Co. with principal offices at 2401 S. Broadway, Moore OK 73160.

WHEREAS, the City requires the services of Silver Star Construction Co. ("the Contractor") to complete the South Telephone Road Widening, Project #I-05-W-LMA, not to exceed \$1,150,263.54

WHEREAS, the Contractor has agreed to provide said services, to the extent outlined herein;

NOW THEREFORE, in consideration of the premises and conditions set forth below the party's contract;

Section 1: Term and Termination

- 1) The term of the contract shall be from June 6, 2017 through June 6, 2018;
- 2) The Contract may be terminated in whole or in part as follows:
 - (1) By the City of Moore, if a Contractor fails to comply with the terms and conditions of a Federal award;
 - (2) By the City of Moore for cause;
 - (3) By the City of Moore with the consent of the Contractor, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or
 - (4) By the Contractor upon sending to the City of Moore written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the City of Moore or HUD determines in the case of partial termination that the reduced or modified portion of the Federal award or sub-award will not accomplish the purposes for which the Federal award was made, the City of Moore may terminate the Federal award in its entirety.

(c) When a Federal award is terminated or partially terminated, the City of Moore and the Contractor remain responsible for compliance with the requirements in 2 CFR 200.343 Closeout and 2 CFR 200.344 Post-closeout adjustments and continuing responsibilities. References: (2 CFR 200.339; 78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015)
- 3) The Contract may be amended as provided for in Section 8: Modification or Amendment
- 4) All guidelines outlined in Bid #1617-08, S. Telephone Widening and the associated addendums shall be followed.

Section 2: Scope of Services

All work and materials will comply with the current version of the City of Oklahoma City Standard Specification for the Construction of Public Improvements with all amendments and revisions included (hereafter referred to as "standard specifications") and the City of Oklahoma City Construction Standard Details (hereafter referred to as "standard details"). When these standard specifications and standard details do not address certain construction tasks or certain required construction materials, then the Oklahoma Department of Transportation Standard Specifications for Highway Construction will govern.

The South Telephone Road Widening, project #I-05-W-LMA, will follow the Construction Plans "Roadway Modification and Signal Plan Telephone Road between Sonic Drive and SW 14th St" completed by Traffic Engineering Consultants, Inc. (TEC) and Cabbiness Engineering (Appendix F).

The project shall be constructed without closing the existing road to local and through traffic.

Any item not covered in the standard specifications or in the special provisions or the general notes or shown in the summary of quantities shall be considered as incidental construction for which the contractor is responsible, but shall not receive additional payment.

The contractor shall be responsible for the replacement of all traffic control devices damaged, destroyed or removed during construction. All traffic control devices install shall be in accordance with the latest traffic standards and specifications and shall conform to the latest edition of the manual uniform traffic control devices. Relocate or replace of all existing warning and regulatory signs as necessary. All street name signs are to be relocated as needed. The contractor shall be responsible for any and all relocations and installation or replacement.

All features of this project including, but not limited to, sidewalks, curbs, ramps, and crosswalk markings shall comply with the Americans with Disabilities Act, Accessibility Guidelines, and the interim final rules for public right of way published in the federal register, Monday June 20, 1994.

Bid shall include removal of all existing roadway drainage structures, headwalls (unless otherwise specified), inlet, fences, and other structures within the right of way.

The controller to be used on this project shall be provided by the City.

The installation of a vehicle detection system shall be furnished and installed by the Contractor.

Red, yellow, and green LED traffic signal heads shall be furnished and installed by the Contractor.

Add Alternate #1: Mill and Overlay beginning SW 17th and Telephone to concrete transition around 500 block of Telephone Road. The construction will follow the plans "Proposed Roadway Mill & Overlay between SW 13th St and SW 4th St." (Appendix G)

Add Alternate #2: Construction of Gateway at SW 11th St. and Telephone. Construction will follow the "Entry Layout & Planting Plan SW 11th St. Entrance" plans prepared by Planning Design Group (PDG). (Appendix H)

Section 3: General Terms and Conditions

Laws and Regulations

The Community Development Block Grant – Disaster Recovery (CDBG-DR) allocation to the City of Moore is governed by the following laws and regulations:

- (a) The Housing and Community Development Act of 1974;
- (b) Section 312 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C.5155), as amended;
- (c) Section 18 of the Small Business Act, as amended (14A U.S.C. 647) 44 CFR 206.191 Duplication of Benefit
- (d) Duplication of Benefits Federal Register, Vol. 76, No.221, November 16, 2011 (76 FR 71060) Public Law 113-2:
- (e) Disaster Relief Appropriations Act, 2013 (at HR 152-34)

- (f) The HUD Federal Register Notice at 78 FR 14329 published March 5, 2013
- (g) HUD Federal Register Notice at 78 FR 23578 published April 19, 2013
- (h) HUD Federal Register Notice at 78 FR 76154 published December 16, 2013
- (i) The applicable laws of the State of Oklahoma; and
- (j) By the laws and regulations promulgated by the City for the CDBG-DR program.
- (k) In addition to the citations noted, the CDBG-DR allocation is also subject to “cross-cutting” Federal requirements referenced herein and contained in 2 CFR 200 Sub-part F

Federal Changes

Contractor shall at all times comply with all applicable Federal regulations, policies, procedures and directives, including without limitation those listed directly or by reference in this Contract between the City of Moore Department of Capital Planning and Resiliency and the Contractor, as such Federal regulations, policies, procedures and directives may be amended or promulgated from time to time during the term of this contract. Contractor’s failure to so comply shall constitute a material breach of this contract. Reference: (49 CFR Part 18)

Compliance with the Copeland “Anti-Kickback” Act

1.) Whoever, by force, intimidation, or threat of procuring dismissal from employment, or by any other manner whatsoever induces any person employed in the construction, prosecution, completion or repair of any public building, public work, or building or work financed in whole or in part by loans or grants from the United States, to give up any part of the compensation to which he is entitled under his contract of employment, shall be fined under this title or imprisoned not more than five years, or both.

1.) In General.—The Secretary of Labor shall prescribe reasonable regulations for contractors and subcontractors engaged in constructing, carrying out, completing, or repairing public buildings, public works, or buildings or works that at least partly are financed by a loan or grant from the Federal Government. The regulations shall include a provision that each contractor and subcontractor each week must furnish a statement on the wages paid each employee

during the prior week. References: (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR part 3).

Compliance with the Davis-Bacon Act

1.) The contractor or subcontractor shall pay all mechanics and laborers employed directly on the site of the work, unconditionally and at least once a week, and without subsequent deduction or rebate on any account, the full amounts accrued at time of payment, computed at wage rates not less than those stated in the advertised specifications, regardless of any contractual relationship which may be alleged to exist between the contractor or subcontractor and the laborers and mechanics;

2.) The contractor will post the scale of wages to be paid in a prominent and easily accessible place at the site of the work; and

3.) There may be withheld from the contractor so much of accrued payments as the contracting officer considers necessary to pay to laborers and mechanics employed by the contractor or any subcontractor on the work the difference between the rates of wages required by the contract to be paid laborers and mechanics on the work and the rates of wages received by the laborers and mechanics and not refunded to the contractor or subcontractors or their agents. References: (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR part 5).

Compliance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act.

1.) The Contract Work Hours and Safety Standards Act requires that laborers or mechanics shall be paid wages at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in any workweek. In the event of violation of this provision, the contractor and any subcontractor shall be liable for the unpaid wages and in addition for liquidated damages, computed with respect to each laborer or mechanic employed in violation of the Act in the amount of \$25 for each calendar day in the workweek on which such individual was required or permitted to work in excess of forty hours without payment of required overtime wages. Any contractor or subcontractor aggrieved by the withholding of liquidated damages shall have the right to appeal to

the head of the agency of the United States (or the territory of District of Columbia, as appropriate) for which the contract work was performed or for which financial assistance was provided.

2.) *Findings and recommendations of the Agency Head.* The Agency Head has the authority to review the administrative determination of liquidated damages and to issue a final order affirming the determination. It is not necessary to seek the concurrence of the Administrator but the Administrator shall be advised of the action taken. Whenever the Agency Head finds that a sum of liquidated damages administratively determined to be due is incorrect or that the contractor or subcontractor violated inadvertently the provisions of the Act notwithstanding the exercise of due care upon the part of the contractor or subcontractor involved, and the amount of the liquidated damages computed for the contract is in excess of \$500, the Agency Head may make recommendations to the Secretary that an appropriate adjustment in liquidated damages be made or that the contractor or subcontractor be relieved of liability for such liquidated damages. Such findings with respect to liquidated damages shall include findings with respect to any wage underpayments for which the liquidated damages are determined.

3.) The recommendations of the Agency Head for adjustment or relief from liquidated damages under paragraph (a) of this section shall be reviewed by the Administrator or an authorized representative who shall issue an order concurring in the recommendations, partially concurring in the recommendations, or rejecting the recommendations, and the reasons therefor. The order shall be the final decision of the Department of Labor, unless a petition for review is filed pursuant to part 7 of this title, and the Administrative Review Board in its discretion reviews such decision and order; or, with respect to contracts subject to the Service Contract Act, unless petition for review is filed pursuant to part 8 of this title, and the Administrative Review Board in its discretion reviews such decision and order.

4.) Whenever the Agency Head finds that a sum of liquidated damages administratively determined to be due under section 104(a) of the Contract Work Hours and Safety Standards Act for a contract is \$500 or less and the Agency Head finds that the sum of liquidated damages is incorrect or that the contractor or subcontractor violated inadvertently the provisions of the Contract Work Hours and Safety Standards Act notwithstanding the exercise of due care upon the part of the contractor

or subcontractor involved, an appropriate adjustment may be made in such liquidated damages or the contractor or subcontractor may be relieved of liability for such liquidated damages without submitting recommendations to this effect or a report to the Department of Labor. This delegation of authority is made under section 105 of the Contract Work Hours and Safety Standards Act and has been found to be necessary and proper in the public interest to prevent undue hardship and to avoid serious impairment of the conduct of Government business. References: (40 U.S.C. 327–330) as supplemented by Department of Labor regulations (29 CFR part 5)

Assignability

The Contractor shall not assign or transfer any interest in this Contract without the prior written consent of the City thereto; provided, however, that claims for money due or to become due to the contractors from the City under this contract may be assigned to a bank, trust company, or other financial institution without such approval. Notice of any such assignment or transfer shall be furnished promptly to the City.

Access to Records

The Contractor agrees that the U.S. Department of Housing and Urban Development (“HUD”), the Inspectors General, the Comptroller General of the United States, and the City Moore, or any of their authorized representatives, have the right of access to any documents, papers, or other records of the Contractor which are pertinent to the Federal award, in order to make audits, examinations, excerpts, and transcripts. The right also includes timely and reasonable access to the Contractor’s personnel for the purpose of interview and discussion related to such documents. Reference: (2 CFR 200.336)

Record Retention Requirements

The Contractor agrees financial records, supporting documents, statistical records, and all other Contractor records pertinent to the HUD CDBG-DR award shall be retained for a period of three years from the date of submission of the final expenditure report. HUD and the City may not impose any other record retention requirements upon the Contractor. The only exceptions are the following:

(a) If any litigation, claim, or audit is started before the expiration of the 3-year period, the records must be retained until all litigation, claims, or audit findings involving the records have been resolved and final action taken.

(b) When the Contractor is notified in writing by HUD, the cognizant agency for audit, oversight agency for audit, cognizant agency for indirect costs, or City of Moore to extend the retention period.

(c) Records for real property and equipment acquired with Federal funds must be retained for three years after final disposition.

(d) When records are transferred to or maintained by the HUD or the City of Moore, the 3-year retention requirement is not applicable to the Contractor. Reference: (2 CFR 200.333)

Remedies for Noncompliance

If a Contractor fails to comply with Federal statutes, regulations or the terms and conditions of a Federal award, HUD or the City of Moore may impose additional conditions, as described in 2 CFR 200.207 Specific Conditions. If HUD or the City of Moore determines that noncompliance cannot be remedied by imposing additional conditions, HUD or the City of Moore may take one or more of the following actions, as appropriate in the circumstances:

(a) Temporarily withhold cash payments pending correction of the deficiency by the Contractor or more severe enforcement action by HUD or City of Moore.

(b) Disallow (that is, deny both use of funds and any applicable matching credit for) all or part of the cost of the activity or action not in compliance.

(c) Wholly or partly suspend or terminate the Federal award.

(d) Initiate suspension or debarment proceedings as authorized under 2 CFR part 180 and HUD regulations, or in the case of a City of Moore, recommend such a proceeding be initiated by HUD.

(e) Withhold further Federal awards for the project or program.

(f) Take other remedies that may be legally available.

Reference: (2 CFR 200.338)

Breaches and Dispute Resolution

- (a) Disputes - Disputes arising in the performance of this Contract which are not resolved by agreement of the parties shall be decided in writing by the authorized representative of the City's Department of Capital Planning and Resiliency. This decision shall be final and conclusive unless within [ten (10)] calendar days from the date of receipt of its copy, the Contractor mails or otherwise furnishes a written appeal to authorized representative. In connection with any such appeal, the Contractor shall be afforded an opportunity to be heard and to offer evidence in support of its position. The decision of the authorized representative shall be binding upon the Contractor and the Contractor shall abide by the decision.
- (b) Performance During Dispute - Unless otherwise directed by to the City of Moore Department of Capital Planning and Resiliency, the Contractor shall continue performance under this Contract while matters in dispute are being resolved.
- (c) Claims for Damages - Should either party to the Contract suffer injury or damage to person or property because of any act or omission of the party or of any of his employees, agents or others for whose acts he is legally liable, a claim for damages therefor shall be made in writing to such other party within a reasonable time after the first observance of such injury of damage.
- (d) Remedies - Unless this contract provides otherwise, all claims, counterclaims, disputes and other matters in question between the City and the Contractor arising out of or relating to this Contract or its breach will be decided by arbitration in the City of Moore Department of Capital Planning and Resiliency if the parties mutually agree, or in a court of competent jurisdiction within the State of Oklahoma.
- (e) Rights and Remedies - The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a

limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. No action or failure to act by the City of Moore or the Contractor shall constitute a waiver of any right or duty afforded any of them under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing. Reference: 49 CFR Part 18

Termination

(a) The Contract may be terminated in whole or in part as follows:

(1) By the City of Moore, if a Contractor fails to comply with the terms and conditions of a Federal award;

(2) By the City of Moore for cause;

(3) By the City of Moore with the consent of the Contractor, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the Contractor upon sending the City of Moore or HUD written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if HUD or City of Moore determines in the case of partial termination that the reduced or modified portion of the Contract will not accomplish the purposes for which the Federal award was made, HUD or City of Moore may terminate the Contract in its entirety.

(b) When a Federal award is terminated or partially terminated, the City of Moore and the Contractor remain responsible for compliance with the requirements in 2 CFR 200.343 Closeout and 2 CFR 200.344 Post-closeout adjustments and continuing responsibilities. References: (2 CFR 200.339; 78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015)

Equal Opportunity

The following equal employment opportunity requirements apply to the Contract:

- a) Race, Color, Creed, National Origin, Sex - In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal transit laws at 49 U.S.C. § 5332, the Contractor agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq ., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Project. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, creed, national origin, sex, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements HUD may issue.
- b) Age - In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § § 623 and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements HUD may issue.
- c) Disabilities - In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, the Contractor agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements HUD may issue.

References: Executive Order 11246 September 24, 1965 as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations 41 CFR chapter 60

Civil Rights

- 1) Nondiscrimination - In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements HUD may issue.
- 2) The Contractor agrees to comply with the non-discrimination in employment and contracting opportunities laws, regulations, and executive orders referenced in 24 CFR 570.607, as revised by Executive Order 13279. The applicable non-discrimination provisions in Section 109 of the HCDA are still applicable.
- 3) The Contractor agrees to comply with Title VI of the Civil Rights Act of 1964 as amended, Title VIII of the Civil Rights Act of 1968 as amended, Section 104(b) and Section 109 of Title I of the Housing and Community Development Act of 1974 as amended, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, Executive Order 11063, and Executive Order 11246 as amended by Executive Orders 11375, 11478, 12107 and 12086.
- 4) The Contractor agrees to meet the Section 3 requirements as provided for in the [City's Section 3 Plan](#)
- 5) The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensuring that its employees are

not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. This obligation extends to all contracts containing the equal opportunity clause regardless of the amount of the contract. The term "facilities," as used in this section, means waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, wash rooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees; Provided, That separate or single-user restrooms and necessary dressing or sleeping areas shall be provided to assure privacy between the sexes.

References: 29 U.S.C. § 623, 42 U.S.C. § 2000, 42 U.S.C. § 6102, 42 U.S.C. § 12112, 42 U.S.C. § 12132, 49 U.S.C. § 5332, 29 CFR Part 1630, 41 CFR Parts 60 et seq.

Conflict of Interest

Any person who is an employee, agent, consultant, officer, or elected official or appointed official of the City of Moore, or of any of the City's subsidiaries, who exercises or have exercised any functions or responsibilities with respect to CDBG activities assisted, or who are in a position to participate in a decision making process or gain inside information with regard to such activities, may obtain a financial interest or benefit from a CDBG-assisted activity, or have a financial interest in any contract, subcontract, or agreement with respect to a CDBG-assisted activity, or with respect to the proceeds of the CDBG-assisted activity, either for themselves or those with whom they have business or immediate family ties, during their tenure or for one year after such decision making responsibilities have ended. Reference: 2 CFR 200.112

Patent rights

1.) The contractor agrees to execute or to have executed and promptly deliver to the City all instruments necessary to (i) establish or confirm the rights the Government has throughout the world in those subject inventions to which the contractor elects to retain title, and (ii) convey title to the City when requested under paragraph (d) above and to enable the government to obtain patent protection throughout the world in that subject invention.

2.) The contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the contractor each subject invention made under contract in order that the contractor can comply with the disclosure provisions of paragraph (c), above, and to execute all papers necessary to file patent applications on subject inventions and to establish the government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by (c)(1), above. The contractor shall instruct such employees through employee agreements or other suitable educational programs on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

3.) The contractor will notify the City of any decisions not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than thirty days before the expiration of the response period required by the relevant patent office.

4.) The contractor agrees to include, within the specification of any United States patent applications and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with government support under (identify the contract) awarded by (identify the agency). The government has certain rights in the invention."

Subcontracts:

5.) The contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental or research work to be performed by a small business firm or domestic nonprofit organization. The subcontractor will retain all rights provided for the contractor in this clause, and the contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

6.) The contractor will include in all other subcontracts, regardless of tier, for experimental developmental or research work the patent rights clause required by (cite section of agency implementing regulations or FAR).

7.) In the case of subcontracts, at any tier, when the prime award with the City was a contract (but not a grant or cooperative agreement), the City, subcontractor, and the contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and the City with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (j) of this clause.

Copyrights

HUD and the City of Moore reserve a royalty-free, nonexclusive, and irrevocable license to reproduce, publish or otherwise use, and to authorize others to use, for Federal Government purposes: The copyright in any work developed under the Contract, and to any rights of copyright to which a Contractor or Sub-contractor purchases ownership with grant support. Reference: 24 CFR Subtitle A. 85.34 Copyrights

Lobbying

Contractors who apply or bid for an award of \$100,000 or more shall file the certification required by 49 CFR Part 20, "New Restrictions on Lobbying." Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose the name of any registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 U.S.C. 1352. Such disclosures are forwarded from tier to tier up to the City of Moore.

References: (31 U.S.C. 1352 as amended by the Lobbying Disclosure Act of 1995, P.L. 104-65; 49 CFR Part 19, 49 CFR Part 20)

Environmental Requirements

Clean Air

1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq. The Contractor agrees to report each violation to the Purchaser and understands and agrees that the Purchaser will, in turn, report each violation as required to assure notification and the appropriate EPA Regional Office.

2) The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal Assurances provided by HUD.

References: 42 U.S.C. 7401 et seq., 40 CFR 15.61, 49 CFR Part 18 (over \$100,000)

Clean Water

1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. The Contractor agrees to report each violation to the City of Moore Department of Capital Planning and Resiliency and understands and agrees that the Purchaser will, in turn, report each violation as required to assure notifications the appropriate EPA Regional Office.

2) The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with HUD.

References: 33 U.S.C. 1251 (over \$100,000)

Energy Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency, which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

References: 42 U.S.C. 6321 et. Seq., 49 CFR Part 18

Recycled Products

The Contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to

the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

References: 42 U.S.C. 6962, 40 CFR Part 247, Executive Order 12873 (More than \$10,000)

Environmental Conditions Discovered During Construction

1) The Contractor agrees to cease work and immediately notify the Assistant City Manager and Compliance Specialist should a previously unknown environmental condition be discovered in the course of construction;

2) The Contractor understands that the discovery of an environmental condition requires the City to revise the Environmental Review Record (ERR) and that work on the portion of the project designated by the City must cease until the ERR is revised.

3) The Assistant City Manager will issue a new Notice to Proceed once the Environmental Review has been updated or the environmental condition has been cleared. References: 24 CFR Part 58.47

Section 504 and Americans with Disabilities Act

The Contractor agrees and understands the requirements of the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 and requirement that: sidewalks, pedestrian overpasses, underpasses, and ramps constructed with Federal financial assistance must be accessible.

References: 36 CFR Part 1190 Minimum Guidelines and Requirements for Accessible Design

Section 4: Bonds, Insurance & Licenses

Bond Requirements

No surety will be accepted by the City from a Contractor that is now in default or delinquent on any bond or has an interest in any litigation against the City. All bonds shall be executed by surety

companies licensed to do business in the State of Oklahoma and acceptable to the Council. Each bond shall be executed by the Contractor and the Surety.

The City requires the following bonds:

Maintenance Bond:

A good and sufficient Maintenance Bond shall be required in an amount equal to one hundred (100) percent of the total amount of the contract Work Order, guaranteeing such improvements against defective workmanship and/or materials for a period of one (1) year from and after the time of completion and acceptance by the City of said improvements.

Performance Bond:

A good and sufficient Performance Bond shall be required in an amount equal to one hundred (100) percent of the total contract Work Order amount guaranteeing execution and completion of the work in accordance with the specifications

Statutory Bond:

A good and sufficient Statutory Bond shall be required in an amount equal to one hundred (100) percent of the total contact Work Order amount guaranteeing payment in full for all materials and labor used in the construction of the work.

Insurance Requirements

The Contractor assumes all risks incident to or in connection with its purpose to be conducted herein under and shall indemnify, defend and save the City of Moore harmless from damage or injuries of whatever nature or kind to persons or property arising directly or indirectly out of the Contractor's operations and arising from acts or omissions of its employees and shall indemnify, defend, save harmless the City of Moore from any penalties for violation of any law, ordinance or regulation affecting or having application to said operation or resulting from the carelessness, negligence or improper conduct of Contractor or any of its agents or employees. In this connection, the Contractor shall carry Insurances in the following amounts:

Commercial Liability	\$1,000,000 Each Occurrence
	\$1,000,000 General Aggregate
Must include coverage for blanket contractual liability for the obligations assumed under contract	
Comprehensive Automobile Liability	\$1,000,000 Combined Single Limit Each Occurrence
Coverage must extend to all owned, non-owned, leased, hired or borrowed vehicles and must include coverage for blanket contractual liability for the obligations assumed under contract	
Workers' Compensation	Statutory Limits where Services are to be performed
Must include coverage for Longshoremen's and Harbor Workers' Compensation, if applicable, and coverage for Federal Employers' Liability Act, if applicable	
Employer's Liability	\$1,000,000 Each Occurrence
	\$1,000,000 Disease per Employee
An Umbrella liability policy, which follows form, may be used to obtain the aforementioned limits	
Professional Liability (if applicable)	\$1,000,000 Each Claim
	\$2,000,000 General Aggregate

The City of Moore shall be furnished with a certificate of insurance, which shall provide that such insurance shall not be changed or canceled, without ten days prior written notice to the City of Moore.. THE POLICY SHALL LIST THE CITY OF MOORE AS CO-INSURED OR ADDITIONAL INSURED.

Certificates of Insurance shall be delivered to the City of Moore prior to the issuance of any Work Order

License Requirements

The Contractor assumes all responsibility for insuring the Contractor and all sub-contractors maintain all applicable federal, state or local Licenses necessary to perform the work required.

Section 5: Notice to Proceed, Invoices, and Payment

Notice To Proceed

- 1) The Contractor will receive a Notice to Proceed from the City which will describe the scope of services specific to the construction project or task;
- 2) The Notice To Proceed will establish the start date for the project.
 - a. Any work undertaken prior to receiving a signed and dated Notice to Proceed from the City shall be at the Contractor's complete expense and risk.
- 3) The Project number, I-05-W-LMA, shall be identified and included in all Invoices.
- 4) A Notice to Proceed will not be issued until the Department of Capital Planning and Resiliency has received insurance and bonds.

Invoices

The City agrees to pay the Contractor for services rendered on the following schedule, terms and conditions:

- 1) The Contractor's sub-contractors are contained in [Appendix B](#)
 - a) The Contractor may amend the sub-contractor list in accordance with [Section 8: Modification or Amendment](#)
- 2) The Contractor agrees to meet all of the Federal Labor Standard Provisions contained in [Appendix C](#); and
 - a) To submit Davis Bacon Payrolls weekly to the Compliance Specialist
- 3) The Contractor agrees to meet the Section 3 requirements as provided for in the [City's Section 3 Plan](#); and
 - a) To submit Section 3 reports weekly to the Compliance Specialist
- 4) The Contractor agrees to meet the Minority Owned, Women Owned or Section 3 business reporting requirements contained in [Appendix D](#) at the time of the Invoice;

- 5) The Contractor shall be permitted to invoice the City once each month during the contract period for reimbursement of Unit Costs.
- 6) For an Invoice to be considered “properly submitted”:
 - a) The Invoice must be identified by Work Order Number, be complete, accurate, have all required documentation; be signed and dated; and
 - b) All Davis-Bacon; Section 3 and Minority Owned, Women Owned or Section 3 business reporting requirements must be current, complete, compliant and signed and dated.

Payments

- 1) The City agrees to make full payment of any “properly submitted” invoice within thirty days of the invoice date.
- 2) Unless otherwise stipulated all payments will be made by electronic funds transfer from the City to the Contractor

Adjustments to Rate Schedule

- 1) The Unit Prices defined in Appendix A may be adjusted once per year on the contract anniversary date.
- 2) The Contractor will propose rate adjustments to compensate for cost increases in materials, fuel, insurance etc.
 - a. These material adjustments must be documented to the full satisfaction of the City of Moore.
- 3) Labor rate adjustments or cost of living increases for labor may not exceed the U.S. Labor Department's U.S. City Average South West Region C.P.I. for the immediately preceding calendar year;
- 4) If the Contractor and the City of Moore cannot agree on the amount of rate adjustments, the Contractor or the City of Moore may elect to terminate the contract as provided for in [Section 3: Termination](#)

- 5) If the parties elect to terminate the Contract, the Contractor shall be bound to complete any projects currently under construction at the current contract rates or for a term of no longer than 90 days at the discretion of the City of Moore.

Section 6: Proprietary Information

The parties agree that each will hold any proprietary information learned as a result of this Contract in confidence. The parties will not, during or after the term of this Contract, disclose such proprietary information to any other person or entity for any reason whatsoever, unless required by Title 51 O.S. Section 24A.1 et. seq.; also known as the State of Oklahoma Open Records Act.

Section 7: Understanding and Authorization

This Contract shall constitute the entire understanding of the parties and any other understanding or representation of any kind shall not be binding upon either party. Each party represents that they are authorized by their organization to enter into this Contract and to bind their organization to its terms.

Section 8: Modification or Amendment

Any modification of this Contract or additional obligations assumed by either party in connection with this Contract shall be binding only if placed in writing and signed by each party or an authorized representative thereof. Should any portion of this Contract be found to be invalid it shall not be deemed to invalidate the entire Contract.

Section 9: Execution

This Contract may be executed in any number of counterparts, each of which shall be deemed an original, however all of which together shall constitute one and the same instrument.

Section 10: Notifications

All notifications concerning this Contract shall be sent to the following addresses:

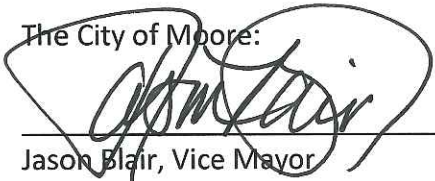
To: The City of Moore at:
Jared Jakubowski
Capital Planning and Resiliency
City of Moore
301 N. Broadway
Moore, Oklahoma 73160

To: Silver Star Construction Co. at:

Silver Star Construction Co., Inc.
Steve Shawn
2401 S. Broadway
Moore, OK 73160
405-793-1725

IN WITNESS WHEREOF, each party has caused this Contract to be executed on the date indicated below.

The City of Moore:



Jason Blair, Vice Mayor

Date: 6-5-17



Linda Stewart, City Clerk



Randy Brink, City Attorney

Silver Star Construction Co.



Steve Shawn, President

Date: 6-9-17

Bid #1617-08 S. Telephone Rd. Widening Bid Form

SUMMARY OF PAY QUANTITIES - ROADWAY

ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
200	00	UNCLASSIFIED EXCAVATION	C.Y.	2,088.00	21.75	45,414.00
900	03	FILTER FABRIC	L.F.	3,283.00	1.60	5,252.80
900	02	ROCK BAG INLET BARRIER	L.F.	120.00	10.70	1,284.00
840	04	SOLID SLAB SODDING	S.Y.	6,131.00	2.15	13,181.65
225	00	AGGREGATE BASE TYPE A	C.Y.	1,472.00	50.00	73,600.00
313	00	TACK COAT	GAL.	619.00	2.50	1,547.50
313	01	PRIME COAT	GAL.	3,206.00	2.90	9,297.40
301	28	SUPERPAVE, TYPE A (PG 64-22 OK)	(R-32) TON	987.00	65.70	64,845.90
301	32	SUPERPAVE, TYPE B (PG 70-28 OK)	(R-32) TON	596.00	68.20	40,647.20
309	00	COLD MILLING PAVEMENT	S.Y.	2,948.00	2.35	6,927.80
304	04	P.C. CONCRETE PAVEMENT(6")	S.Y.	3,909.00	35.30	137,987.70
305	04	CONCRETE CURB (8" BARRIER-INTEGRAL)	L.F.	2,051.00	8.50	17,433.50
305	12	1'-8" COMB. CURB & GUTTER (8" BARRIER)	L.F.	1,092.00	16.25	17,453.00
823	00	4" CONCRETE SIDEWALK	S.Y.	1,897.00	44.00	83,468.00
823	03	6" CONCRETE DRIVEWAY	S.Y.	1,313.00	42.00	55,146.00
830	01	TACTILE WARNING DEVICE - NEW	S.F.	40.00	14.00	560.00
454	38	INLET CI DES. 2-2	EA.	1.00	4485.00	4,485.00
454	72	INLET CI DES. 2-4	EA.	3.00	6600.00	19,800.00
459	01	MANHOLES ADJUST TO GRADE	EA.	3.00	1000.00	3,000.00
520	03	VALVE BOXES ADJUST TO GRADE	EA.	14.00	265.00	3,710.00
819	08	METER BOXES ADJUST TO GRADE	EA.	2.00	375.00	750.00
516	02	FIRE HYDRANT RESET	EA.	3.00	1600.00	4,800.00
812	02	REMOVAL OF CURB AND GUTTER	(R-49,50) L.F.	2,765.00	4.25	11,751.25
812	03	REMOVAL OF CONCRETE PAVEMENT	(R-49,50) S.Y.	2,384.00	9.00	21,456.00
812	04	REMOVAL OF ASPHALT PAVEMENT	(R-49,50) S.Y.	1,418.00	4.25	6,026.50
811	05	REMOVAL OF DRAINAGE INLETS	(R-49,50) EA.	4.00	1175.00	4,700.00
812	01	REMOVAL OF SIDEWALK	(R-49,50) S.Y.	724.00	5.00	3,620.00
820	01	SAWING PAVEMENT	L.F.	3,495.00	2.40	8,388.00

SUMMARY OF PAY QUANTITIES - STAKING

ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
801	00	CONSTRUCTION STAKING	L.SUM	1.00	15000.00	15,000.00

SUMMARY OF PAY QUANTITIES - CONSTRUCTION

ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
809	00	MOBILIZATION	L.SUM	1.00	119345.00	119,345.00
802	00	CONSTRUCTION TRAFFIC CONTROL	L.SUM	1.00	11705.00	11,705.00

SUMMARY OF PAY QUANTITIES - SIGNING AND STRIPING

ITEM NO.	SECTION	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
725-00	725	STRUCTURAL CONCRETE	C.Y.	0.5	321.00	160.50
729-00	729	SHEET ALUMINUM SIGNS	S.F.	44.0	30.00	1,320.00
729-11	729	REMOVE EXISTING SIGN	EA.	1.0	187.00	187.00
732-00	732	GALVANIZED STEEL SIGN POST	L.F.	98.0	16.00	1,568.00
741-SP	741	TRAFFIC STRIPE (MULTIPOLYMER)(4 INCH WIDE)	L.F.	7090.0	0.80	5,672.00
741-SP	735	TRAFFIC STRIPE (MULTIPOLYMER)(8 INCH WIDE)	L.F.	305.0	1.20	366.00
741-SP	735	TRAFFIC STRIPE (MULTIPOLYMER)(24 INCH WIDE)	L.F.	285.0	8.55	2,436.75
741-SP	735	TRAFFIC STRIPE (MULTIPOLYMER)(ARROW)(SINGLE)	EA.	17.0	90.85	1,544.45

SUMMARY OF PAY QUANTITIES - SIGNAL

ITEM NO.	SECTION	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
711-00	711	VEHICLE ACTUATED TRAFFIC SIGNAL CONTROLLER	EA.	1.0	18850.00	18,850.00
711-01	711	VIDEO DETECTION SYSTEM (SP)	L.SUM	1.0	21885.00	21,885.00

712-01	712	E.P.S. OPTICAL DETECTOR	EA.	2.0	534.50	1,069.00
712-02	712	E.P.S. 4 CHANNEL PHASE SELECTOR	EA.	1.0	3495.60	3,495.60
713-08	713	2" TRAFFIC SIGNAL CONDUIT (TRENCHED)	L.F.	120.0	6.40	768.00
713-10	713	3" TRAFFIC SIGNAL CONDUIT (TRENCHED)	L.F.	60.0	8.55	513.00
713-11	713	3" TRAFFIC SIGNAL CONDUIT (BORED)	L.F.	150.0	26.75	4,012.50
714-00	714	(21) CONDUCTOR TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	300.0	4.30	1,290.00
714-01	714	TWO CONDUCTOR SHIELDED LOOP DETECTOR LEAD-IN CABLE	L.F.	25.0	1.10	27.50
714-02	714	(1/C) (AWG NO.6) ELECTRICAL CONDUCTOR	L.F.	200.0	2.15	430.00
714-04	714	(5) CONDUCTOR TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	1345.0	2.95	3,967.75
714-07	714	(7) CONDUCTOR TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	60.0	3.25	195.00
715-01	715	THREE (3) SECTION TRAFFIC SIGNAL HEAD	EA.	6.0	641.40	3,848.40
715-02	715	FOUR (4) SECTION TRAFFIC SIGNAL HEAD	EA.	1.0	801.75	801.75
717-00	717	PEDESTRIAN SIGNAL HEAD	EA.	4.0	481.05	1,924.20
722-00	722	PEDESTRIAN PUSH BUTTON AND SIGN	EA.	4.0	1603.50	6,414.00
724-04	724	POLE AND SPECIFIED 25' MAST ARM(S) (INSTALLED)	EA.	1.0	5831.35	5,831.35
724-05	724	POLE AND SPECIFIED 30' MAST ARM(S) (INSTALLED)	EA.	1.0	6218.30	6,218.30
724-07	724	POLE AND SPECIFIED 40' MAST ARM(S) (INSTALLED)	EA.	1.0	8340.00	8,340.00
724-68	724	PEDESTAL POLE WITH 10' MOUNTING HEIGHT	EA.	2.0	801.75	1,603.50
725-00	725	STRUCTURAL CONCRETE	C.Y.	8.0	534.50	4,276.00
725-01	725	REINFORCING STEEL	LBS.	1208.0	1.35	1,630.80
726-00	726	PULL BOX TYPE I	EA.	2.0	427.60	855.20
726-01	726	PULL BOX TYPE II	EA.	1.0	481.05	481.05
729-02	729	MAST ARM MOUNTED SIGNS	S.F.	53.0	53.45	2,832.85
741-00	741	OPTICAL DETECTOR CABLE	L.F.	470.0	1.10	517.00

BASE BID TOTAL:	928,207.65
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ADD ALTERNATE #1 - SUMMARY OF PAY QUANTITIES

ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
313	00	TACK COAT	GAL.	2,088.92	2.50	5,222.30
301	06	ASPHALT CONCRETE TYPE B (PG 70-28 OK)	TON	1,743.07	72.35	126,111.11
309	00	COLD MILLING PAVEMENT (R-34)	S.Y.	15,562.14	1.35	21,008.89
856(A)	8530	TRAFFIC STRIPE (MULTI-POLYMER) (YELLOW) (4" WIDE)	L.F.	6,677.74	0.90	6,009.97
856(A)	8530	TRAFFIC STRIPE (MULTI-POLYMER) (WHITE) (4" WIDE)	L.F.	2,200.00	0.90	1,980.00
856(A)	8548	TRAFFIC STRIPE (MULTI-POLYMER) (YELLOW) (12" WIDE)	L.F.	745.84	2.70	2,013.77
856(A)	8548	TRAFFIC STRIPE (MULTI-POLYMER) (WHITE) (12" WIDE)	L.F.	448.00	2.70	1,209.60
856(A)	8555	TRAFFIC STRIPE (MULTI-POLYMER) (WHITE) (24" WIDE)	L.F.	185.00	9.65	1,785.25
711-01	711	VIDEO DETECTION SYSTEM (SP)	L.SUM	1.0	24250.00	24,250.00

ADD ALTERNATE #1 TOTAL:	189,590.89
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ADD ALTERNATE #2 - SUMMARY OF PAY QUANTITIES

ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	PRICE PER UNIT	TOTAL
		GATEWAY	L.SUM	1	32465.00	32,465.00

TOTAL BID INCLUDING ADD ALTERNATES:	1,150,263.54
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SILVERSTAR CONSTRUCTION CO, INC.
2401 S. BROADWAY
MOORE, OK 73160

Federal Labor Standards Provisions

U.S. Department of Housing and Urban Development Office of Labor Relations

Applicability

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4. Apprentices and Trainees.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

General Decision Number: OK170022 01/06/2017 OK22

Superseded General Decision Number: OK20160022

State: Oklahoma

Construction Type: Highway

Counties: Canadian, Cleveland, Grady, Lincoln, Logan and McClain Counties in Oklahoma.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017

* SUOK2011-009 04/18/2011

	Rates	Fringes
Traffic signal installer.....	\$ 17.37	
CARPENTER (Includes Form Work)...	\$ 13.32	
CEMENT MASON/CONCRETE FINISHER		
Canadian.....	\$ 12.44	
Cleveland.....	\$ 12.55	
Grady, Lincoln, Logan.....	\$ 12.47	
McClain.....	\$ 11.93	
IRONWORKER, REINFORCING.....	\$ 13.63	
IRONWORKER, STRUCTURAL.....	\$ 14.21	
LABORER		
Asphalt Raker and Shoveler..	\$ 11.31	
Common or General		
Canadian County.....	\$ 10.05	
Cleveland County.....	\$ 10.62	
Grady and Logan Counties...	\$ 10.55	
Lincoln County.....	\$ 10.17	
McClain County.....	\$ 10.37	
Landscape.....	\$ 9.63	
Pipelayer.....	\$ 12.50	

Power Tool Operator
(Includes Chipping Guns
and Handheld Concrete Saws).\$ 12.89
Traffic Control (Includes
Flagger, Setting Up and
Moving Cones/Barrels).....\$ 11.12

POWER EQUIPMENT OPERATOR:

Asphalt Paver Screed.....\$ 12.44
Asphalt Paving Machine
Canadian County.....\$ 13.32
Cleveland County.....\$ 14.57
McClain County.....\$ 14.04
Remaining Counties.....\$ 14.08
Asphalt Plant.....\$ 14.70
Backhoe/Trackhoe
Cleveland County.....\$ 12.91
Remaining Counties.....\$ 13.64
Bobcat/Skid Loader.....\$ 12.71
Broom.....\$ 11.97
Bulldozer
McClain County.....\$ 13.36
Remaining Counties.....\$ 14.24
Concrete Paving Machine.....\$ 13.61
Concrete Saw
Cleveland County.....\$ 11.64
Remaining Counties.....\$ 11.70
Crane.....\$ 16.99
Distributor Truck.....\$ 13.81
Excavator.....\$ 15.10
Grader/Blade
Canadian County.....\$ 12.00
Cleveland County.....\$ 14.46
Remaining Counties.....\$ 14.98
Loader (Front End)
Cleveland County.....\$ 12.76
Remaining Counties.....\$ 12.85
Mechanic.....\$ 15.60
Milling Machine.....\$ 14.93
Mixer.....\$ 14.43
Oiler.....\$ 14.06
Roller (Asphalt)
Canadian County.....\$ 11.67
Cleveland County.....\$ 12.86
McClain County.....\$ 12.94
Remaining Counties.....\$ 12.73
Roller (Dirt Compaction)....\$ 12.27
Scraper
Canadian County.....\$ 12.00
Cleveland County.....\$ 13.06
Remaining Counties.....\$ 13.19
Striping Machine.....\$ 12.56
Tractor/Box Blade.....\$ 16.50
Trencher.....\$ 13.63

TRUCK DRIVER

Dump Truck
Cleveland County.....\$ 12.32
Remaining Counties.....\$ 12.88
Flatbed Truck.....\$ 14.69
Lowboy/Float.....\$ 13.90
Off the Road Truck.....\$ 13.75
Pickup Truck.....\$ 12.48
Tandem Axle/Semi Trailer
Canadian County.....\$ 12.00

Cleveland County.....\$ 12.37
Remaining Counties.....\$ 13.72
Water Truck.....\$ 12.00

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

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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

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

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

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

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

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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

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

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

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

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

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

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

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

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END OF GENERAL DECISION



APPENDIX D: MINORITY, WOMEN OWNED OR SECTION 3 BUSINESS REPORTING

MINORITY, WOMEN OWNED OR SECTION 3 BUSINESS REPORT				
CONTRACTOR				
Invoice Date				
		Total Amount of Invoice		\$
Name of MOB/WOB/Section 3 Business	MOB Amount	WOB Amount	Section 3 Amount	Percent of Invoice
SIGNATURE				
Printed Name and Position				
Date				

FROM: City of Moore
301 N. Broadway
Moore, OK 73160
Tel.: 405/793-4571 Fax: 405/793-4573

TO: Prospective Bidders

SUBJECT: **Addendum No. 2** to the Bidding Documents
City of Moore Bid #1617-08 S. Telephone Road Widening

DATE: April 20, 2017

This Addendum modifies and takes precedence over the original plans and specifications and forms a part of the Contract Documents.

This Addendum consists of one (1) page.

Clarifications:

- 1) This project will have a construction completion date of November 1, 2017.
- 2) Failure to work on time will be addressed as follows:
 - I. The time of completion is of the essence of the Contract. For each Working Day that any Work shall remain uncompleted after the time agreed upon in the Bid and the Contract, or as automatically increased by additional Work or materials ordered after the Contract is signed, or the increased time granted by the City for the completion of said Work, the sum per day given in the following schedule, unless specified otherwise in the Bid or Special Provisions, will be deducted from the monies due the Contractor, not as a penalty but as liquidated damages.

Amount of Contract	Minimum Amount of Liquidated Damges per Day
Less than \$100,000	\$300.00
\$100,000 and less than \$1,000,000	\$400.00
\$1,000,000 and over	\$500.00 or up to .52% of the contract price per day

- II. The sum of money thus deducted for such delay, failure or non-completion is not to be considered as a penalty but should be deemed, taken and treated as reasonable liquidated damages since it would be impracticable and extremely difficult to fix the actual damages.
- 3) The City of Moore will be accepting additional questions until Monday, April 24, 2017 by 2:00pm. Answers will be posted on Monday, April 24, 2017 by 5:00pm. Please submit any further questions to cdbq@cityofmoore.com.

FROM: City of Moore
301 N. Broadway
Moore, OK 73160
Tel.: 405/793-4571 Fax: 405/793-4573

TO: Prospective Bidders

SUBJECT: **Addendum No. 3** to the Bidding Documents
City of Moore Bid #1617-08 S. Telephone Road Widening

DATE: April 27, 2017

This Addendum modifies and takes precedence over the original plans and specifications and forms a part of the Contract Documents.

This Addendum consists of one (1) page and three (3) attachments.

Clarifications: There have been some changes made to the plans provided. These changes can be seen in red and are attached to this addendum.

REVISIONS		
NO.	DESCRIPTION	DATE

GENERAL NOTES

- G1. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND MUST HAVE ALL UTILITIES LOCATED PRIOR TO COMMENCING ANY EXCAVATION. THE CONTRACTOR SHALL VERIFY THE INVERT AND FLOWLINE ELEVATIONS OF ALL WATER LINES, SANITARY SEWERS, STORM DRAINS, DRAINAGE STRUCTURES, AND SURFACE DRAINAGE COURSES PRIOR TO LAYING ANY NEW PIPE.

THE CONTRACTOR MUST CALL OKIE AT (405)640-5032 TO HAVE ALL PUBLIC UTILITIES (WATER AND SANITARY SEWER LINES) AND FRANCHISED UTILITIES (ELECTRIC LINES, TELEPHONE CABLES, FIBER OPTIC LINES, CABLE TELEVISION, GAS LINES AND OIL PIPELINES) LOCATED AT LEAST TWO (2) DAYS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR MUST CALL OKLAHOMA CITY TRAFFIC OPERATIONS AT (405) 297-2095 FOR THE MARKING OF TRAFFIC SIGNAL CONDUIT AND APPURTENANCES AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING WORK.
- G2. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES AND STRUCTURES, WHETHER SHOWN OR NOT, BOTH PUBLIC AND PRIVATE. ANY DAMAGE TO A UTILITY LINE OR STRUCTURE, BECAUSE OF THE CONTRACTOR'S ACTIONS, SHALL BE REPAIRED SOLELY AT THE CONTRACTOR'S EXPENSE TO A CONDITION AS GOOD OR BETTER THAN THAT PRIOR TO THE DAMAGE.

THE CONTRACTOR MUST CALL 9-1-1 IMMEDIATELY IF A NATURAL GAS PIPELINE IS CUT, DAMAGED OR OTHERWISE DISTURBED.
- G3. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECT REPLACEMENT AND/OR REPAIR OF ALL TRAFFIC CONTROL DEVICES AND APPURTENANCES DAMAGED OR DISTURBED DUE TO CONSTRUCTION.
- G4. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS THAT WILL BE IN CONFLICT WITH THE PROPOSED WORK.
- G5. THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING TRAFFIC ON CROSS STREETS. A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.
- G6. THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.
- G7. THE CONTRACTOR MUST NOTIFY ALL AFFECTED CITY UTILITY CUSTOMERS AT LEAST TWO (2) WORKING DAYS PRIOR TO ANTICIPATED SERVICE INTERRUPTION. ALL WORK MUST BE CARRIED OUT CAREFULLY TO MINIMIZE CUSTOMER SERVICE INTERRUPTION DURING CONSTRUCTION. STREETS TEMPORARILY CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION SHALL REMAIN OPEN TO LOCAL TRAFFIC TO THE MAXIMUM EXTENT PRACTICAL. DURING THE WORK, DETOUR ROUTES SHALL BE FURNISHED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH AND ERECT ALL DETOUR SIGNAGE AS DIRECTED.
- G8. ALL CONSTRUCTION MATERIALS AND WORK SHALL CONFORM TO THE APPLICABLE CITY OF OKLAHOMA CITY AND THE 2009 OKLAHOMA DEPARTMENT OF TRANSPORTATION (ODOT) STANDARDS AND SPECIFICATIONS AS REFERENCED IN THE PROJECT DOCUMENTS.
- G9. ALL ELEVATIONS SHOWN ARE ON THE MEAN SEA LEVEL (M.S.L.) DATUM. ALL DIMENSIONS TO CURB ARE TO THE BACK OF CURB. ALL DIMENSIONS TO STREET "CENTERLINES" ARE TO THE CENTERLINE OF THE RIGHT-OF-WAY OR SECTION LINE.
- G10. THE CONTRACTOR SHALL DEVELOP AND MAKE ALL DETAILED SURVEYS NEEDED FOR CONSTRUCTION. THE COST OF THE CONSTRUCTION SURVEY AND STAKING SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK.
- G11. ALL FENCES REMOVED AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE REPLACED IN KIND WITH FENCING EQUAL TO OR BETTER THAN THE ORIGINAL FENCE. ALL COSTS FOR FENCE REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK.
- G12. ALL WORK NOT CLASSIFIED AS A CONTRACT PAY ITEM SHALL BE CONSIDERED INCIDENTAL CONSTRUCTION. THE COST FOR SUCH WORK SHALL BE INCLUDED IN PRICE BID FOR OTHER ITEMS.
- G13. ALL DISTURBED, UNPAVED AREAS WITHIN THE PROJECT LIMITS ON EASEMENTS AND RIGHT-OF-WAY SHALL BE ADDED, FERTILIZED, AND WATERED IN ACCORDANCE WITH CITY OF OKLAHOMA CITY STANDARD SPECIFICATIONS SECTION 840 "SOODING AND SPRIGGING". AS REQUIRED UNDER THE "SOLO SLAB SOO" PAY ITEM AS PROVIDED FOR ON THE PLANS, SOODING AREAS SHALL BE REPAIRED AND MAINTAINED UNTIL ALL PORTIONS OF THE PROJECT ARE COMPLETE AND APPROVED FOR FINAL ACCEPTANCE. ALL OTHER AREAS DISTURBED AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE RESTORED IN A MANNER ACCEPTABLE TO THE OWNER TO A CONDITION AS GOOD OR BETTER THAN THAT PRIOR TO THE DISTURBANCE AT NO EXPENSE TO THE OWNER.
- G17. SYMBOLS AND LEGENDS ARE DIAGRAMMATIC ONLY AND LOCATIONS SHALL BE ADJUSTED FOR EXISTING FIELD CONDITIONS, BUT NO MAJOR ALTERATIONS OR RELOCATIONS WILL BE MADE WITHOUT FIRST CONSULTING WITH THE CITY OF MOORE AT (405) 785-5200.
- G18. CONTRACTOR SHALL COVER NEW SIGNAL HEADS WITH TRAFFIC SIGN AND SIGNAL COVER CONCEPTS MODEL SIGNAL COVERS OR APPROVED EQUAL WHEN SIGNAL HEADS HAVE BEEN INSTALLED ON HAST ARMS. SIGNAL HEADS ARE TO REMAIN COVERED UNTIL TRAFFIC SIGNALS HAVE BEEN TURNED ON. REMOVED COVERS TO BECOME THE PROPERTY OF THE CITY OF OKLAHOMA CITY. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

ADD ALTERNATE #1 PAY QUANTITIES				
Telephone Rd. & S.W. 41th Street - Moore, OK				
ITEM NO.	SECTION	DESCRIPTION	UNIT	QUANTITY
711-01	711	VIDEO DETECTION SYSTEM(S/P)	(3) L.S.M.	1.0

GENERAL INTENT NOTES

- I1. THE PLANS AND REFERENCED CONSTRUCTION SPECIFICATIONS DESCRIBE THE WORK CONTEMPLATED AND IDENTIFY THE WORK TO BE DONE AND THE MATERIALS NECESSARY FOR CONSTRUCTION. THESE PLANS ARE INTENDED TO BE FULLY EXPLANATORY. THE PLAN AND SPECIFICATION DOCUMENTS SHALL BE CONSTRUED AND INTERPRETED AS A WHOLE AND THEREFORE, ANYTHING SHOWN, INDICATED OR SPECIFIED IN ONE AND NOT THE OTHER, SHALL BE INTERPRETED AS BEING SHOWN, INDICATED OR SPECIFIED IN BOTH.
- I2. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED INCIDENTAL AND INCLUDED AS AN ORDINARY PART OF THE WORK. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK CAN BE MADE OR WILL BE PERMITTED BY THE OWNER WITHOUT THE ISSUANCE OF A CHANGE ORDER.
- I3. NO PLEA OF IGNORANCE OF EXISTING CONDITIONS OR OF DIFFICULTIES OR CONDITIONS ENCOUNTERED IN THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL OF THE REQUIREMENTS IN THE CONTRACT DOCUMENTS GOVERNING THE WORK.

ADD ALTERNATE #1 PAY ITEM NOTES

- (3) THIS PROJECT INVOLVES THE INSTALLATION OF A VIDEO VEHICLE DETECTION SYSTEM. THEREFORE, THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
 - A. A PEAK VIDEO TRAK, TERRE, OR ECDYNITE AUTOSCOPE SOLO TERRA 8 CHANNEL PROCESSOR (OR APPROVED EQUAL), VEHICLE DETECTION SYSTEM UNIT INCLUDING A LAPTOP COMPUTER, ALL NECESSARY CABLES, HARNESSSES, MATERIALS, FITTINGS AND MISCELLANEOUS COMPONENTS NECESSARY TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AT ONE (1) INTERSECTION. MINIMUM SPECIFICATIONS FOR THE COMPUTER SYSTEM: INTEL 4TH GENERATION CORE I7 2.3GHZ PROCESSOR, 16 GB RAM, 1 TB HARD DRIVE, DIGITAL MEDIA READER AND USB 2.0 PORTS.
 - ANY "APPROVED EQUAL" SHALL BE APPROVED BY THE CITY OF MOORE. SUCH A SYSTEM SHALL BE CONSIDERED EXPERIMENTAL. UNTIL A 12 MONTH TEST PERIOD HAS PROVEN THAT THE SYSTEM CAN OPERATE SUCCESSFULLY WITH NO PROBLEMS. AT THE END OF THE 12 MONTH TEST PERIOD THE CITY WILL NEED TO SIGN OFF THAT THE SYSTEM HAS OPERATED SUCCESSFULLY AND IS THEREBY APPROVED.
 - B. ~~THREE (3)~~ FOUR (4) CAMERAS WITH ZOOM LENS CAPABILITY.
 - C. VIDEO POWER CABLE SHALL BE AS PER THE MANUFACTURER SPECIFICATIONS.
 - D. VIDEO COAXIAL CABLE SHALL BE LOW LOSS PRECISION CABLE SUITED FOR OUTDOOR APPLICATION. VIDEO CABLE SHALL BE BELDON B281, WEST PENN P 806, OR APPROVED EQUAL.
 - E. ONE DAY OF TRAINING FOR CITY PERSONNEL IN THE USE AND MAINTENANCE OF THE SYSTEM SHALL BE PROVIDED BY A MANUFACTURER'S REPRESENTATIVE. DOCUMENTATION OF THE TRAINING PROVIDED SHALL BE PROVIDED FOR THE ENGINEER.

ADD ALTERNATE #1

ADDENDUM #3
04-27-17

M. S. HOFFER
MIRIAM S. HOFFER, P.E. # 23310
C.E. # 10, EXPIRES 06-30-17
DATE 04-27-17



Design: JCH 04/27/17
Drawn: SB 04/27/17
TEC
Traffic Engineering Consultants, Inc.
6100 E. Mainline, Suite 200, Oklahoma City, OK 73118
PH: (405) 750-7725, FAX: (405) 750-9888, WWW: www.tecinc.com

**INSTALLATION OF VIDEO DETECTION
PAY QUANTITIES AND NOTES**
Project No. 1-05-B-14A Sheet No. 33
CLEVELAND COUNTY

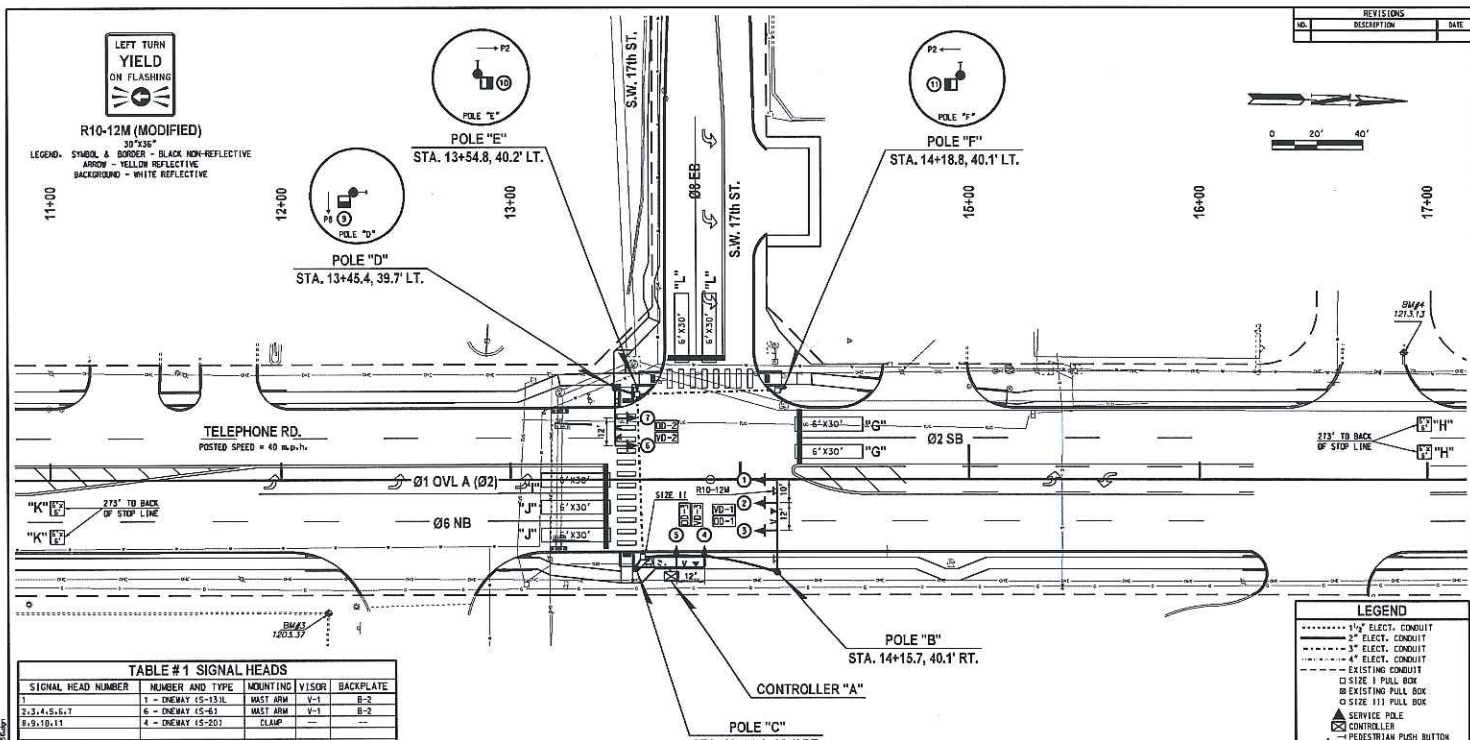
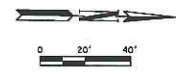
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R10-12M (MODIFIED)
30'x26'

LEGEND: SYMBOL & BORDER - BLACK NON-REFLECTIVE
ARROW - YELLOW REFLECTIVE
BACKGROUND - WHITE REFLECTIVE

REVISIONS		
NO.	DESCRIPTION	DATE



SIGNAL HEAD NUMBER	NUMBER AND TYPE	MAST ARM	VISOR	BACKPLATE
1	1 - ONEWAY (S-13HL)	MAST ARM	V-1	B-2
2,3,4,5,6,7	6 - ONEWAY (S-6)	MAST ARM	V-1	B-2
8,9,10,11	4 - ONEWAY (S-20)	CLAMP	---	---

LOCATION	MOUNTING HT.	MAST ARMS LENGTHS	FOUNDATION
B	36' ±1"	40' T.S.	S-30
C	36' ±1"	30' T.S.	S-30
D	36' ±1"	25' T.S.	S-26
E	110"	PER. POLE	F-2
F	10'	PER. POLE	F-2

ELECTRICAL CABLE TO CONTROLLER "A" LOCATION				
B-21C	C-21C/3C	D-21C/3C	E-3C/3C	F-3C/3C

VIDEO DETECTION NOTE:
VIDEO VEHICLE DETECTION WILL BE PROVIDED FOR THIS INTERSECTION. THE DETECTOR LOOPS SHOWN ON THE PAVEMENT ARE SHOWN ONLY TO DEPICT THE AREAS OF DETECTION FOR THE VIDEO DETECTION UNITS ALONG WITH THE PHASES THAT EACH VIDEO DETECTOR UNIT WILL CALL.

PUSH BUTTON NOTE:
THE POLE ENLARGEMENT DETAIL IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE PLACEMENT OF THE PEDESTRIAN PUSH BUTTONS AND SIGNAL HEADS SHALL BE INSTALLED ON THE POLES SUCH THAT THE SIGNAL HEADS ARE VISIBLE FROM THE CROSSWALK AND THE PUSH BUTTONS ARE ACCESSIBLE FROM THE ADJACENT SIDEWALK. THE HANDHOLE SHALL NOT CONFLICT WITH THE PUSH BUTTON LOCATIONS AS SHOWN.

-----	1/2" ELECT. CONDUIT
-----	3/4" ELECT. CONDUIT
-----	1" ELECT. CONDUIT
-----	2" ELECT. CONDUIT
-----	EXISTING CONDUIT
□	SIZE 1 PULL BOX
□	EXISTING PULL BOX
□	SIZE 111 PULL BOX
▲	SERVICE POLE
○	CONTROLLER
○	PEDESTRIAN PUSH BUTTON
○	WALK AND DON'T WALK
○	SIGNAL HEAD WITH BACKPLATE
○	LINEMANRE WITH MAST ARM
○	OPTICAL DETECTOR
○	VIDEO DETECTION
○	STREET NAME SIGN
○	SIGNAL HEAD NO.
○	MAST ARM & POLE WITH ABOVE SYMBOLS
○	DETECTOR LOOP/ VIDEO DETECTION AREA



ADDENDUM #3
04-27-17



SIGNAL PLAN
S.W. 17th ST. & TELEPHONE RD.
Project No. 1-05-B-LMA
Sheet No. 18
CLEVELAND COUNTY

MOORE OKLAHOMA

CLEVELAND COUNTY

PROPOSED ROADWAY MODIFICATION AND SIGNAL PLAN TELEPHONE ROAD BETWEEN SONIC DRIVE & S.W.14th STREET PROJECT NO. I-05-W-LMA



SCALE	
LAYOUT MAP	N/A
PLAN & PROFILE	1" = 20'
SIGNAL PLAN	1" = 20'
STRIPING PLAN	1" = 30'

NO.	REVISIONS	DESCRIPTION	DATE

INDEX OF SHEETS

1. TITLE SHEET
2. ROADWAY PAY QUANTITIES AND NOTES
3. TRAFFIC SIGNAL PAY QUANTITIES AND NOTES
4. ROADWAY STRIPING PAY QUANTITIES, NOTES AND SUMMARY
5. SUMMARY OF QUANTITIES (ROADWAY)
- 6-7. SURVEY DATA
8. TYPICAL SECTIONS
9. EMISSION CONTROL
- 10-11. PLAN & PROFILE SHEETS
- 12-15. REMOVALS
- 16-17. SIGNAL PLAN
18. SIGNING PLAN
19. STRIPING PLAN
20. SIGNING & STRIPING PLAN
21. TRAFFIC CONTROL
- 22-23. CROSSSECTION SHEETS
- 24-32. CROSSSECTION SHEETS

THE FOLLOWING STANDARDS WILL BE REQUIRED ON THIS PROJECT:

- | | |
|---------|------------|
| ROADWAY | SSC-1-4 |
| | TS1-1-2 |
| | PM 3'-1-32 |
| | PM 6'-1-00 |
| | ASD-5-2 |
| | RS01-1-00 |
| | RS02-1-00 |
| | RS03-1-00 |
| | RS04-1-00 |
| | RS05-1-00 |
| | RS06-1-00 |
| | RS07-1-00 |
| | RS08-1-00 |
| | RS09-1-00 |
| | RS10-1-00 |
| | RS11-1-00 |
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| | RS96-1-00 |
| | RS97-1-00 |
| | RS98-1-00 |
| | RS99-1-00 |
| | RS100-1-00 |



Cabiness Engineering, Inc.
 303 N. 2nd Avenue, Suite 200
 Oklahoma City, Oklahoma 73102
 License No. 12345, State of Oklahoma

SHEETS: 2, 5, 8-17 & 22-32

MOORE, OKLAHOMA
 POPULATION 55,081

THE PROJECT IS ENTIRELY WITHIN THE CORPORATION LIMITS OF THE CITY OF MOORE.

PROJECT LENGTH..... NONE
 EQUATIONS..... NONE
 EXCEPTIONS..... NONE

SHEETS: 1, 3, 4 & 18-21

TFC
 TECHNICAL FIELD CONSULTANTS
 808 E. WILSON, SUITE 200, CLEVELAND, OK 73928
 PHONE: 405-251-2121 FAX: 405-251-2144
 WWW: WWW.TFCOK.COM

MOORE, OKLAHOMA
 PROJECT NO. I-05-W-LMA
 SHEET NO. 1

CITY OF MOORE, OKLAHOMA
 DATE APPROVED _____
 BY _____
 CITY ENGINEER

GENERAL CONSTRUCTION NOTES

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING SECTION LINE ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. ALL COSTS TO BE INCLUDED IN OTHER ITEMS OF WORK.

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURBS SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

EXCESS ASPHALT AT JOINTS AND CRACKS IN EXISTING PAVEMENT SHALL BE REMOVED FLUSH TO TOP OF FINISH IN A MANNER APPROVED BY THE ENGINEER.

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ANTI-CRACK SYSTEMS INC. PRIOR TO EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. CALL ONE: 1-800-522-6546 OR 811.

ANY ITEM NOT COVERED IN THE STANDARD SPECIFICATIONS OR IN THE SPECIAL PROVISIONS OR THE GENERAL NOTES OR SHOWN IN THE SUMMARY OF QUANTITIES SHALL BE CONSIDERED AS RECEIVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RECEIVE ADDITIONAL PAYMENT.

THE CONTRACTOR IS RESPONSIBLE FOR MARKING ALL CHANGES MADE TO THE PLANS AND SHALL MARK ALL CHANGES ON A SET OF SPECIFICATIONS AS PROVIDED WITH AN ACCURACY OF 41 FOOT. MARKED CHANGES SHOULD BE IN RED PEN, CLEARLY AND LEGIBLY, AND SHALL BE APPROVED BY THE ENGINEER. FINAL PAYMENT MAY BE WITHHELD UNTIL THE PLANS HAVE BEEN MARKED AND ARE SUBMITTED TO THE ENGINEER FOR PROCESSING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL TRAFFIC CONTROL DEVICES DAMAGED, DESTROYED, OR REMOVED DURING CONSTRUCTION. ALL TRAFFIC CONTROL DEVICES SHALL BE REPLACED WITHIN 24 HOURS OF THE TIME OF REMOVAL. ALL TRAFFIC CONTROL SPECIFICATIONS AND SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. RELOCATE OR REPLACE ALL EXISTING WARNING AND REGULATORY SIGNS AS NECESSARY. ALL STREET NAME SIGNS ARE TO BE RELOCATED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS AND INSTALLATION AND REPLACEMENT. COSTS TO BE INCLUDED IN OTHER ITEMS.

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURBS, RAMPS, AND ACCESSIBILITY GUIDELINES, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADA AND THE FEDERAL REGISTER, MONDAY, JUNE 20, 1994.

PAY QUANTITY NOTES

(R-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK

(R-48) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (REVERSE SPECIFIED), INLET, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.

(R-49) TO BECOME THE PROPERTY OF AND DISPOSED BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(R-50) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER UNCLASSIFIED EXCAVATION.

SUMMARY OF PAY QUANTITIES - ROADWAY

ITEM NO.	CODE	DESCRIPTION	UNIT	QUANTITY
300	00	UNCLASSIFIED EXCAVATION	CY	2,048.50
300	00	UNCLASSIFIED EXCAVATION	L.F.	2,343.50
300	00	UNCLASSIFIED EXCAVATION	L.F.	120.00
300	00	UNCLASSIFIED EXCAVATION	CY	6,131.00
313	00	AGGREGATE BASE TYPE A	CY	1,472.00
313	00	TACK COAT	GAJ	618.00
301	25	FRAME COAT	TON	3,206.00
301	25	SUPERPAVE TYPE B PG 64-22 (R-42)	TON	987.00
301	32	SUPERPAVE TYPE B PG 10-48 (R-42)	TON	596.00
309	00	COLD MILLING PAVEMENT	S.Y.	2,942.00
304	04	P/C CONCRETE PAVEMENT (P)	S.Y.	3,000.00
305	12	1 1/2" CONC. CURB & GUTTER (P BARRIER)	L.F.	2,051.00
305	12	1 1/2" CONC. CURB & GUTTER (P BARRIER)	L.F.	1,092.00
320	00	4" CONCRETE DRIVEWAY	S.Y.	1,307.00
320	00	4" CONCRETE DRIVEWAY	S.Y.	1,313.00
324	00	1' FACILE WARNING DEVICE - NEW	S.Y.	40.00
324	00	1' FACILE WARNING DEVICE - NEW	S.Y.	40.00
404	00	INLET CILES 24"	EA	3.00
404	00	INLET CILES 24"	EA	3.00
404	00	INLET CILES 24"	EA	3.00
404	00	INLET CILES 24"	EA	3.00
500	00	MANHOLE ADJUT TO GRADE	EA	3.00
500	00	MANHOLE ADJUT TO GRADE	EA	3.00
500	00	MANHOLE ADJUT TO GRADE	EA	14.00
500	00	MANHOLE ADJUT TO GRADE	EA	14.00
506	00	FIRE HYDRANT RESET	EA	2.00
506	00	FIRE HYDRANT RESET	EA	2.00
512	00	REMOVAL OF CURB AND GUTTER (R-48-50)	L.F.	2,762.00
512	00	REMOVAL OF CONCRETE PAVEMENT (R-48-50)	S.Y.	2,344.00
512	04	REMOVAL OF ASPHALT PAVEMENT (R-48-50)	S.Y.	1,410.00
511	05	REMOVAL OF DRAINAGE INLETS (R-48-50)	EA	4.00
512	01	REMOVAL OF SIDEWALK (R-48-50)	S.Y.	724.00
520	01	SAWING PAVEMENT	L.F.	3,465.00

SUMMARY OF PAY QUANTITIES - STAKING

ITEM NO.	CODE	DESCRIPTION	UNIT	QUANTITY
801	00	CONSTRUCTION STAKING	L.SJAL	1.00

SUMMARY OF PAY QUANTITIES - CONSTRUCTION

ITEM NO.	CODE	DESCRIPTION	UNIT	QUANTITY
609	00	MOBILIZATION	L.SJAL	1.00
602	00	CONSTRUCTION TRAFFIC CONTROL	L.SJAL	1.00

ROADWAY PAY QUANTITIES AND NOTES
PROJECT NO. 105-WALWA
SHEET NO. 2

REVISIONS	
NO.	DESCRIPTION

PAY QUANTITIES
Telephone Rd. & S.W. 17th Street - Moore, OK

ITEM NO.	SECTION	DESCRIPTION	UNIT	QUANTITY
725-00	725	STRUCTURAL CONCRETE	C.Y.	0.5
725-00	729	SHEET ALUMINUM SIGNS	S.F.	44.0
729-11	729	REMOVE EXISTING SIGN	EA.	1.0
735-00	732	GALVANIZED STEEL SIGN POST (MULTIPLYER/24 INCH WIDE)	L.F.	3090.0
741-SF	735	TRAFFIC STRIPE (MULTIPLYER/24 INCH WIDE)	L.F.	265.0
741-SF	735	TRAFFIC STRIPE (MULTIPLYER/ARROW/SINGLE)	EA.	17.0

SIGNING AND STRIPING PAY ITEM NOTES

- (TS-1) THE QUANTITY SHOWN INCLUDES BOTH WHITE AND YELLOW TRAFFIC STRIPE. TRAFFIC STRIPE (MULTIPLYER) IS MEASURED BY THE LINEAL FOOT OF 4" WIDE TRAFFIC STRIPE COMPLETE IN PLACE.
- (TS-11) THE CONTRACTOR SHALL CONTACT THE CITY OF MOORE AT (405) 793-5000 TO COORDINATE ALL REGULATORY SIGN REMOVALS.

SIGN SUMMARY TABLE

ITEM NO.	SIGN TYPE	POST TYPE	POST LENGTH L.F.		POST SPACE	FTG. DESIGN NO.	STRL. CONC. C.V.	REINF. STEEL LBS.	SIGN AREA S.F.		REMARKS
			A	B					SHEET	PANEL	
1	R3-SB	2" PIPE POST	14.0		A-2	0.08	8.00				
2	R3-SB	2" PIPE POST	14.0		A-2	0.08	8.00				
3	R3-SB	2" PIPE POST	14.0		A-2	0.08	8.00				
4	R3-SB	2" PIPE POST	14.0		A-2	0.08	8.00				
5	RT-1	2" PIPE POST	14.0		A-2	0.08	8.00				
6	RT-1	2" PIPE POST	14.0		A-2	0.08	8.00				
7	RT-1	2" PIPE POST	14.0		A-2	0.08	8.00				
TOTALS			98.0			0.42		43.54			

(1) - POST LENGTH VARES. CONTRACTOR RESPONSIBLE FOR DETERMINING LENGTH.

Date: 03/31/17
 MSH: 03/31/17
 Drawn: 03/31/17


TRAFFIC SIGNING & STRIPING
PAY QUANTITIES, NOTES AND
SIGN SUMMARY

SUMMARY OF QUANTITIES (ROADWAY)

Summary of Removal Quantities

Station	Remove of	Quantity	Station	Remove of	Quantity
12	Remove of 812	103.00	12	Remove of 812	103.00
13	Remove of 812	388.00	13	Remove of 812	388.00
14	Remove of 812	228.00	14	Remove of 812	228.00
15	Remove of 812	78.00	15	Remove of 812	78.00
Totals		797.00			797.00

Summary of Temporary Sediment Controls

Station	Location	Quantity	Station	Location	Quantity
10	Let & Right	57.00	10	Let & Right	57.00
11	Let & Right	1,583.00	11	Let & Right	1,583.00
12	Let & Right	231.00	12	Let & Right	231.00
13	Let & Right	30.00	13	Let & Right	30.00
14	Let & Right	30.00	14	Let & Right	30.00
15	Let & Right	30.00	15	Let & Right	30.00
Totals		2,251.00			2,251.00

Summary of Surfacing Quantities

Station	Aggregate Base Type A	Filler Coat	Track Coat	Asph. Conc. Type A	Asph. Conc. Type B	P.C. Concrete (6")	Curb Raising	Integral Curb (6")	1'-6" Combined Curb & Gutter (6" R/W)	4" Concrete	Trench Widening	Devices - New
12	17,772	3,882	1,013	42,518	18,000	433	785	350	1,317	1,053	40	5
13	716	1,013	1,013	2,626	785	2,626	2,518	791	1,317	1,053	40	5
14	14,852	591	426	20,757	427	866	2,518	338	791	1,053	40	5
15	20,437	592	426	28,844	427	866	2,518	338	791	1,053	40	5
Totals	43,777	5,068	3,778	94,755	22,642	3,591	7,839	1,677	5,636	4,213	120	20

Summary of Drainage Structures

Structure No.	Description	Station	Structure No.	Description	Station
1	18x18x24	18+51.38	1	18x18x24	18+51.38
2	18x18x24	18+51.38	2	18x18x24	18+51.38
3	18x18x24	18+51.38	3	18x18x24	18+51.38
4	18x18x24	18+51.38	4	18x18x24	18+51.38
Totals			Totals		

Summary of Earthwork Quantities

Station	Excavation	Embankment	Station	Excavation	Embankment
12	1,939.92	117.01	12	1,939.92	117.01
13	9.00	117.01	13	9.00	117.01
14	9.00	117.01	14	9.00	117.01
15	9.00	117.01	15	9.00	117.01
Totals	1,966.92	471.04	Totals	1,966.92	471.04

Summary of Erosion Control

Station	Quantity	Station	Quantity
12	1,939.92	12	1,939.92
13	9.00	13	9.00
14	9.00	14	9.00
15	9.00	15	9.00
Totals	1,966.92	Totals	1,966.92

Summary of Drives & Street Returns

Station	Left Right	Right Right	Station	Left Right	Right Right
12	15	15	12	15	15
13	15	15	13	15	15
14	15	15	14	15	15
15	15	15	15	15	15
Totals	60	60	Totals	60	60

Summary of Drives & Street Returns

Station	Left Right	Right Right	Station	Left Right	Right Right
12	15	15	12	15	15
13	15	15	13	15	15
14	15	15	14	15	15
15	15	15	15	15	15
Totals	60	60	Totals	60	60

Summary of Drives & Street Returns

Station	Left Right	Right Right	Station	Left Right	Right Right
12	15	15	12	15	15
13	15	15	13	15	15
14	15	15	14	15	15
15	15	15	15	15	15
Totals	60	60	Totals	60	60

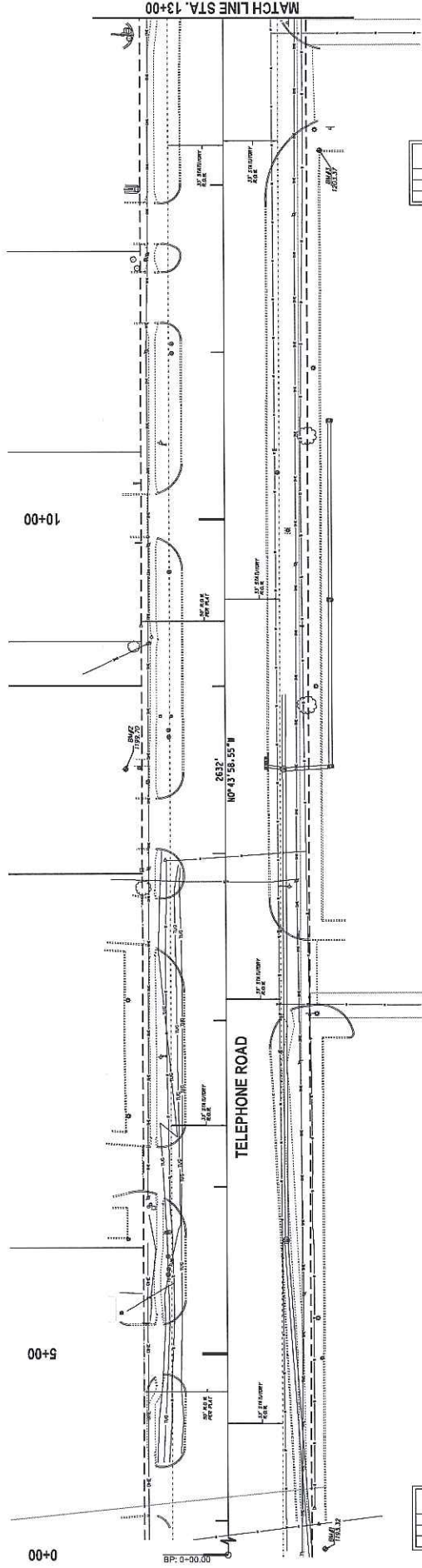
Summary of Drives & Street Returns

Station	Left Right	Right Right	Station	Left Right	Right Right
12	15	15	12	15	15
13	15	15	13	15	15
14	15	15	14	15	15
15	15	15	15	15	15
Totals	60	60	Totals	60	60

NO.	REVISIONS	DATE



BENCHMARK - BM 2
ELEVATION 195.70
MONUMENT CUT X ON TOP OF CURB
LOCATION NW CORNER MARK
MAP N. OF S. DRIVE ST.



BENCHMARK - BM 3
ELEVATION 193.37
MONUMENT CUT X ON TOP OF CURB
LOCATION SW CORNER MARK
E. SIDE OF TELEPHONE RD.

BENCHMARK - BM 1
ELEVATION 194.12
MONUMENT CUT X ON TOP OF CURB
LOCATION SW CORNER MARK
E. SIDE OF TELEPHONE RD.

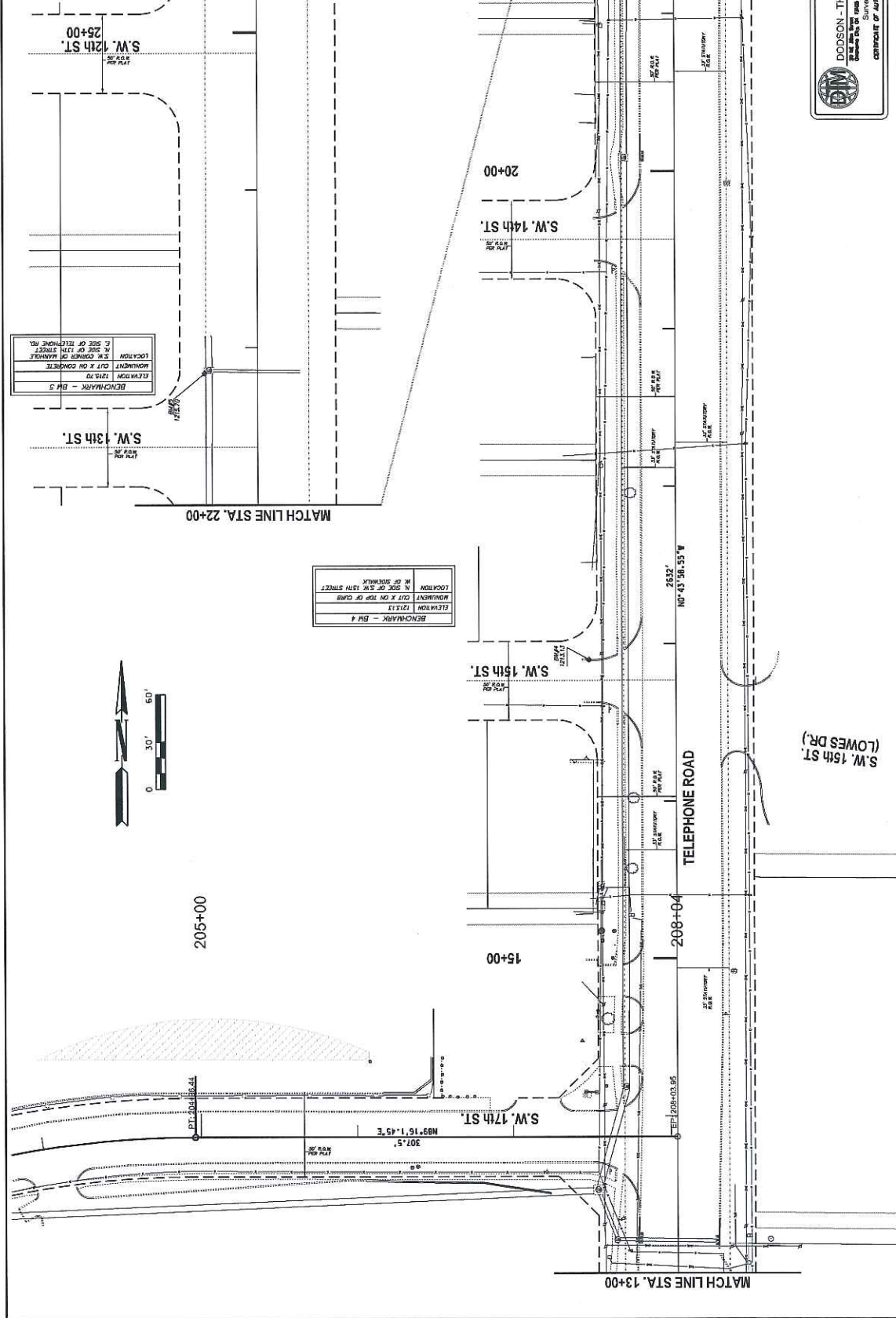
DODDSON - THOMPSON - MANSFIELD, PLLC
 SURVEYING - ENGINEERING - PLANNING
 26601 W. 156th Street, Suite 100, Broadview Heights, OH 44130
 (440) 285-1900 Fax (440) 285-1901
 COLUMBUS OF AUTOMATICITY NO. 6301 LICENSE DATE 06-28-2010

DRAWN	BS	03/31/17
CHECKED	BS	03/31/17

SURVEY DATA
(1 OF 2)

Project No. 1-05-H-LIA Sheet No. 6
CLEVELAND COUNTY

NO.	REVISIONS	DATE



BENCHMARK - BM 3
 ELEVATION 1215.75
 MONUMENT CUT X ON CORNER
 S.W. CORNER OF MANHOLE
 N. SIDE OF 12th STREET
 LOCATION
 E. SIDE OF TELEPHONE RD.

BENCHMARK - BM 4
 ELEVATION 1215.13
 MONUMENT CUT X ON TOP OF CURB
 N. SIDE OF S.W. 15th STREET
 LOCATION
 W. SIDE OF S.W. 15th STREET



S.W. 15th ST.
 (LOWES DR.)

DODSON - THOMPSON - MANSFIELD, PLLC
 2500 W. 12th St., Suite 200
 Cleveland, OH 44115
 Telephone: (216) 763-1100
 Fax: (216) 763-1101
 www.dtm-engineering.com

Surveying - Engineering - Planning
 CERTIFICATE OF AUTHORIZATION NO. 6397 EXPIRES JUNE 30, 2010

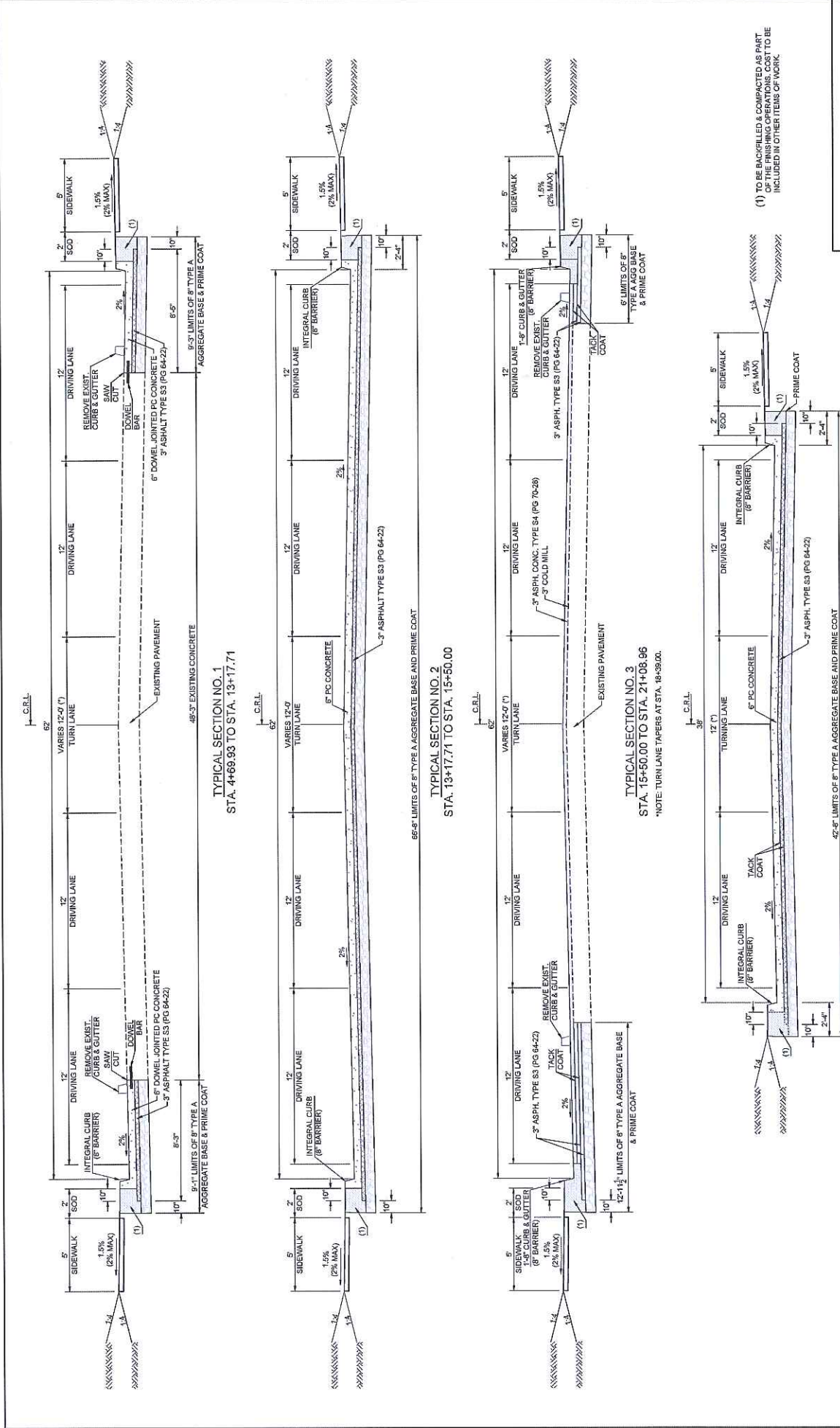
Drawn	BS	03/21/11
Checked	BS	03/21/11

SURVEY DATA
 (2 OF 2)

Project No. 1-05-W-LMA Sheet No. 7
 CLEVELAND COUNTY

TYPICAL SECTIONS

PROJECT NO. 15-2434A SHEET NO. 8



(1) TO BE BACKFILLED & COMPACTED AS PART OF THE FINISHING OPERATIONS. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

STORM WATER MANAGEMENT PLAN

SITE DESCRIPTION

EROSION AND SEDIMENT CONTROLS

PROJECT LIMITS:

BEGINNING APPROXIMATELY 500 FEET NORTH OF THE INTERSECTION OF 16TH STREET AND TELEPHONE ROAD AND ENDING APPROXIMATELY 2160 FEET NORTH OF SHD INTERSECTION.

PROJECT DESCRIPTION:

VAGEN TELEPHONE ROAD AND ADD TRAFFIC SIGNALS TO THE INTERSECTION OF 17TH STREET AND TELEPHONE ROAD.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

BEFORE INITIATING SOIL DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL PERIMETER, TEMPORARY EROSION CONTROL DEVICES IN CONJUNCTION WITH STOCKPILE AND STABILIZE TOPSOIL. INSTALL TEMPORARY SEDIMENT CONTROL DEVICES IN CONJUNCTION WITH GRADING OPERATIONS FOR DETOUR. ALL TEMPORARY SEDIMENT CONTROL DEVICES MUST BE MAINTAINED AND RELOCATED AS NECESSARY TO FACILITATE CONSTRUCTION. ONCE SLOPES ARE COMPLETED FOR DETOUR, LAND DISTURBING ACTIVITIES SHOULD BE STOPPED. ONCE MAJOR CONSTRUCTION IS COMPLETE, REMOVE DETOURS AND EXISTING ROADWAY. REPLACE SALVAGED TOPSOIL AND PLACE SOIL. AS SITE CONDITIONS WARRANT, THE CONTRACTOR MAY CHOOSE TO MODIFY THE TYPE OR ARRANGEMENT OF TEMPORARY SEDIMENT CONTROL PRACTICES TO IMPROVE EFFECTIVENESS AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL LOG THE DATES OF MAJOR SOIL DISTURBING ACTIVITIES AND INSTALLATION OF EROSION CONTROL MEASURES.

SOIL TYPE: _____
KIRKLAND-URBAN LAND-PAWHUSIA COMPLEX, KIRKLAND-PAWHUSIA COMPLEX, KIRKLAND-URBAN LAND-PAWHUSIA COMPLEX, KIRKLAND-URBAN LAND-PAWHUSIA COMPLEX, NONDESIGNATED LAND COMPLEX, PORT SILT LOESS

AREA TO BE DISTURBED: 3.84 ACRES

OFFSITE AREA TO BE DISTURBED: _____
(FOR CONTRACTOR USE)

MAXIMUM ACRES TO BE DISTURBED AT ANY ONE TIME: _____
(FOR CONTRACTOR USE)

LATITUDE & LONGITUDE OF CENTER OF PROJECT: N95°49'24.87" W97°29'38.82"

NAME OF RECEIVING WATERS: LITTLE RIVER

SENSITIVE WATERS OR WATERSHEDS: YES NO

303(b) IMPAIRED WATERS: YES NO

NOTE:

THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS THAT WILL RECEIVE WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, AND NOTES.

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT SODDING, SPRIGGING OR SEEDING
- VEGETATIVE MULCHING
- SOIL RETENTION BLANKET
- PRESERVATION OF EXISTING VEGETATION

NOTE:

TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

- STABILIZED CONSTRUCTION EXIT
- TEMPORARY SILT FENCE
- TEMPORARY SILT DENCE
- TEMPORARY FIBER LOG
- DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- ROCK FILTER DAMS
- TEMPORARY SLOPE DRAIN
- PAVED DITCH WITH DITCH LINER PROTECTION
- TEMPORARY DIVERSION CHANNELS
- TEMPORARY SEDIMENT BASINS
- TEMPORARY SEDIMENT TRAPS
- TEMPORARY SEDIMENT FILTERS
- TEMPORARY SEDIMENT REMOVAL
- RIP RAP
- INLET SEDIMENT FILTER
- SANDBAG BARRIERS
- TEMPORARY BRUSH SEDIMENT BARRIERS
- TEMPORARY STREAM CROSSINGS

OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPALIN
- EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

NONE

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING TO THE END OF THE PROJECT. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES IN CONJUNCTION WITH NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES AND CONSTRUCTION ACTIVITIES SHOULD BE INSPECTED AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DERRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, STORAGE, AND RECORD KEEPING. PRACTICES AND PROCEDURES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP. METHODS INCLUDE: OIL AND GREASE COLLECTION, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE THROUGHOUT THE PROJECT. THE SWPPP SHALL BE REVIEWED BY THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) AND THE PROJECT SHALL BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE SWPPP SHALL BE REVIEWED BY THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) TO ENSURE COMPLIANCE WITH ALL APPLICABLE REGULATIONS. THE SWPPP SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE SWPPP SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE SWPPP SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE SWPPP SHALL BE MAINTAINED THROUGHOUT THE PROJECT.

THE FOLLOWING SECTIONS OF THE 2009 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

- 103.05 BONDING REQUIREMENTS
- 104.10 FINAL CLEANING UP
- 104.12 CONTRACTOR'S RESPONSIBILITY FOR WORK
- 105.01 STORAGE AND HANDLING OF MATERIAL
- 105.08 LAWS, RULES AND REGULATIONS TO BE OBSERVED
- 107.01 STORM WATER MANAGEMENT
- 107.20 TEMPORARY SEDIMENT CONTROL
- 221 TEMPORARY SEDIMENT CONTROL

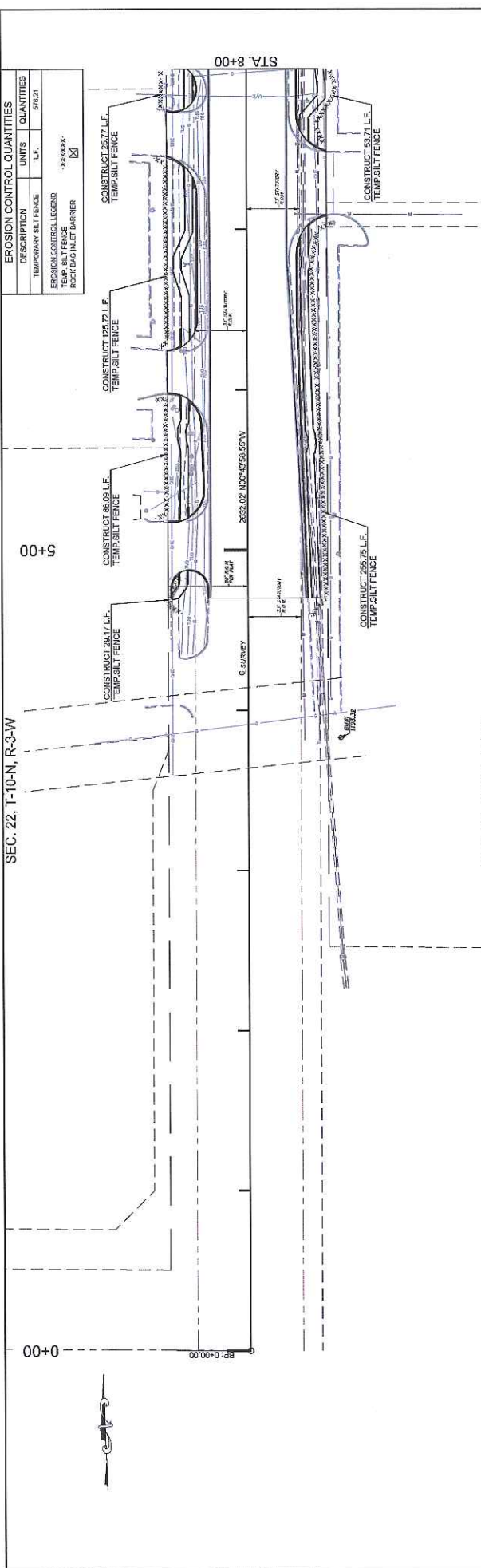
IN ADDITION:

*ODEQ GENERAL PERMIT (OKE10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA. *ODEQ, WATER QUALITY DIVISION, SEPTEMBER 13, 2012.

SWPPP

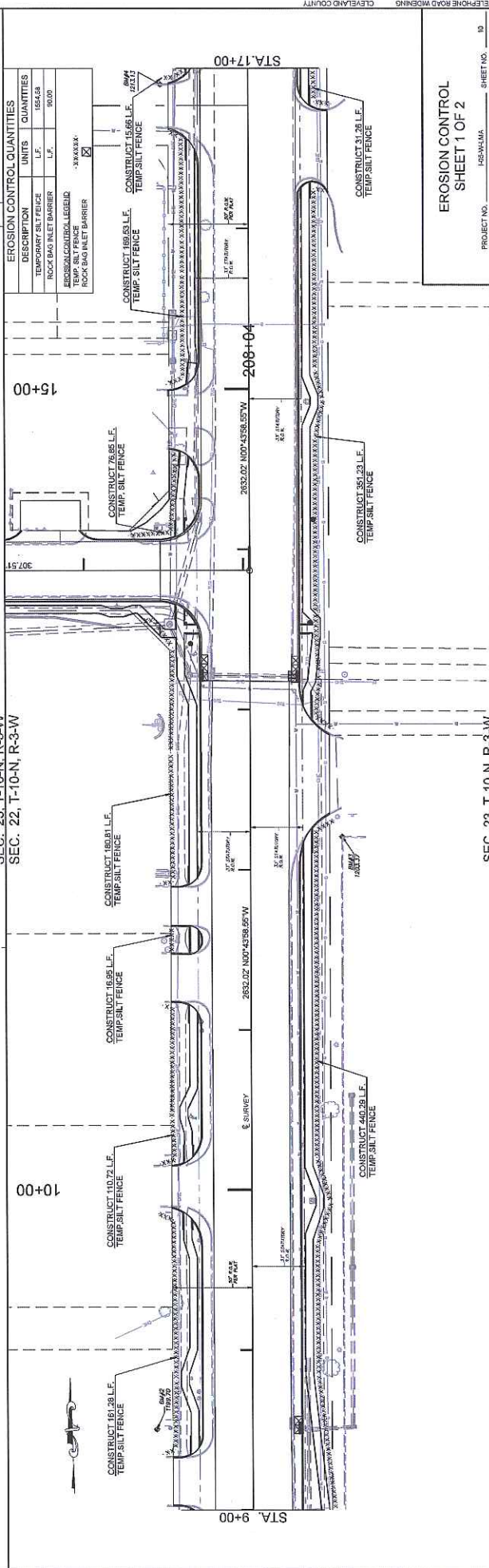
PROJECT NO. 155-WJLMA

SHEET NO. 8



SEC. 22, T-10-N, R-3-W

EROSION CONTROL QUANTITIES		
DESCRIPTION	UNITS	QUANTITIES
TEMPORARY SILT FENCE	L.F.	576.21
EROSION CONTROL LEGEND		
TEMP SILT FENCE	-XXXXXX-	
ROCK BAG INLET BARRIER	XXXXXX	<input checked="" type="checkbox"/>



SEC. 23, T-10-N, R-3-W

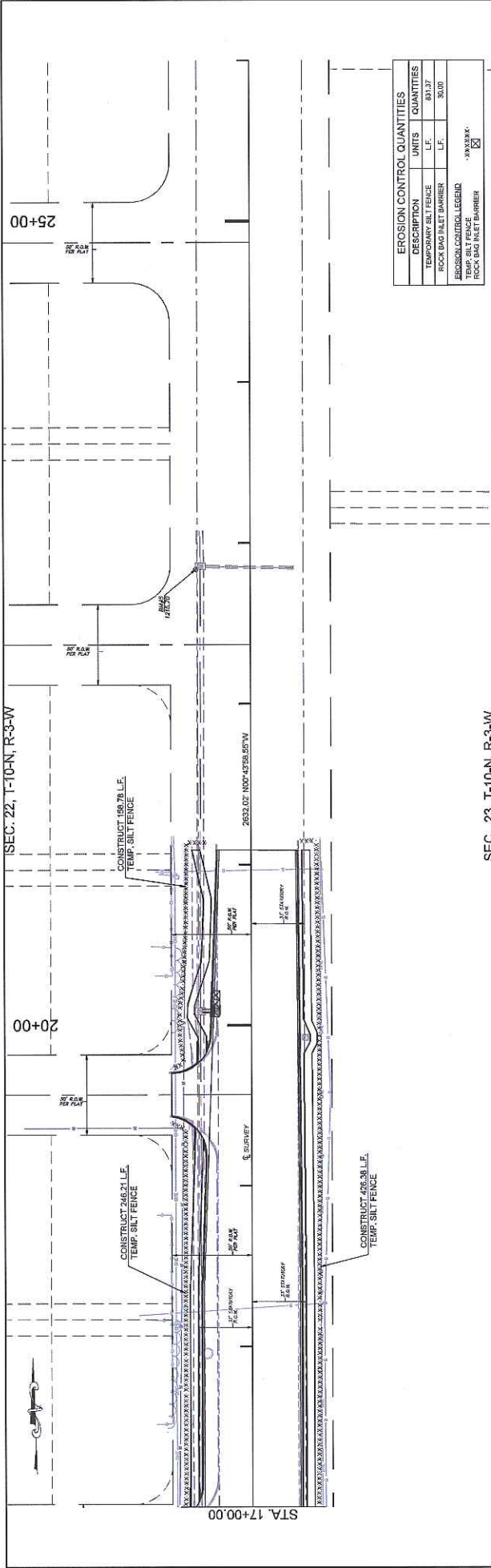
EROSION CONTROL QUANTITIES		
DESCRIPTION	UNITS	QUANTITIES
TEMPORARY SILT FENCE	L.F.	654.53
ROCK BAG INLET BARRIER	L.F.	90.00
EROSION CONTROL LEGEND		
TEMP SILT FENCE	-XXXXXX-	
ROCK BAG INLET BARRIER	XXXXXX	<input checked="" type="checkbox"/>

EROSION CONTROL
SHEET 1 OF 2

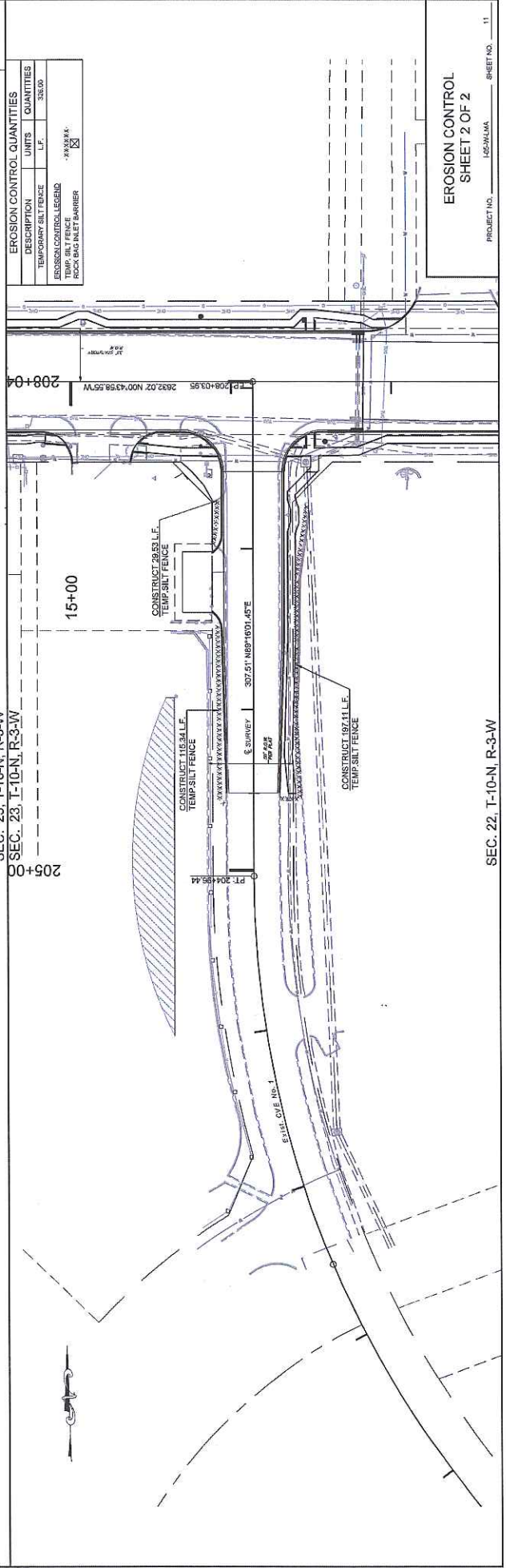
PROJECT NO. 125-WLWA
SHEET NO. 19

EROSION CONTROL SHEET 2 OF 2

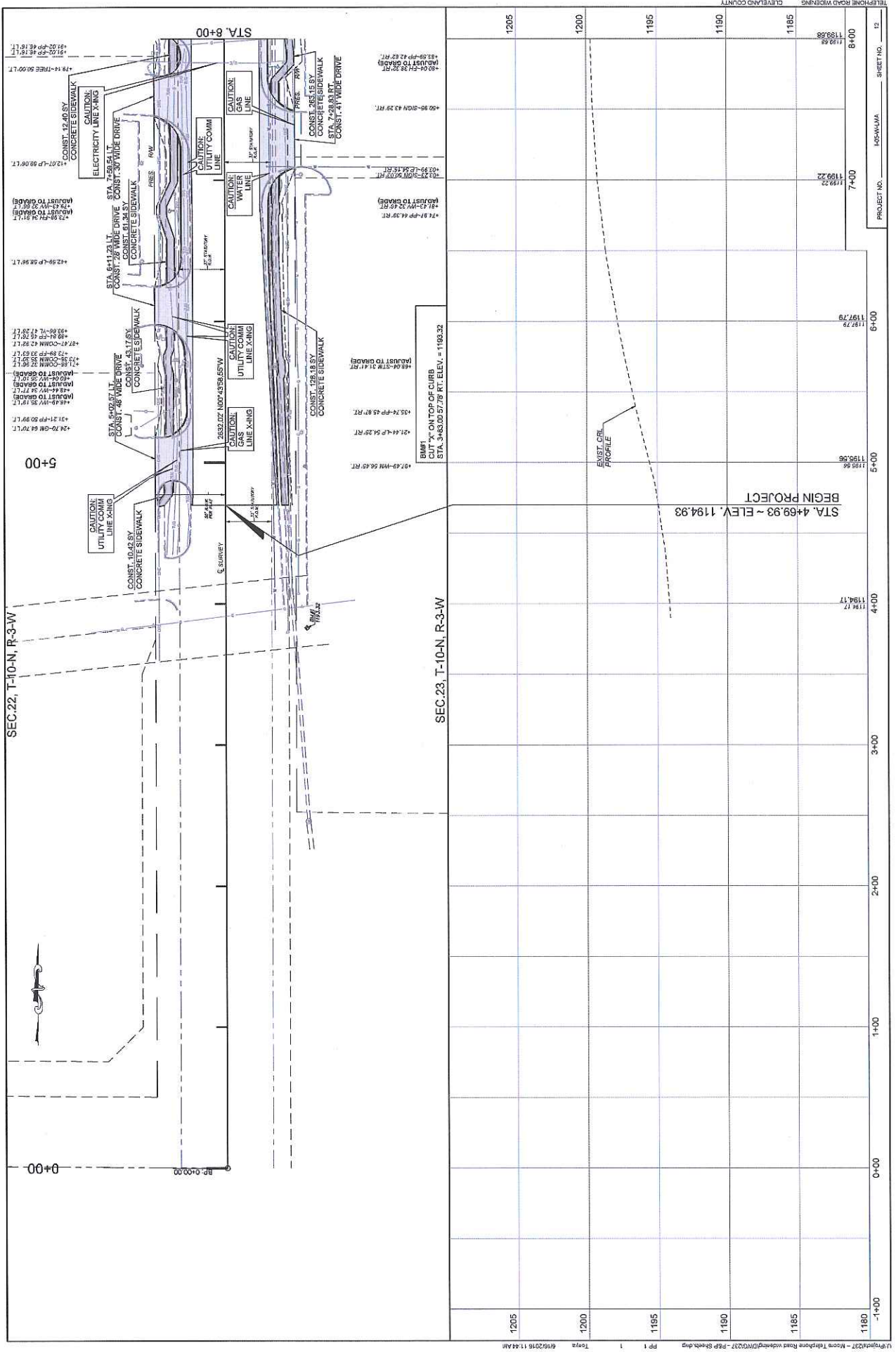
PROJECT NO. LOCAL#44 SHEET NO. 11



EROSION CONTROL QUANTITIES	
DESCRIPTION	QUANTITIES
TEMPORARY SILT FENCE	L.F. 631.37
ROCKING INLET BARRIER	L.F. 30.00
EROSION CONTROL LEGEND	
TEMP. SILT FENCE	30000000
ROCKING INLET BARRIER	30000000



EROSION CONTROL QUANTITIES	
DESCRIPTION	QUANTITIES
TEMPORARY SILT FENCE	L.F. 338.00
ROCKING INLET BARRIER	L.F. 30.00
EROSION CONTROL LEGEND	
TEMP. SILT FENCE	30000000
ROCKING INLET BARRIER	30000000

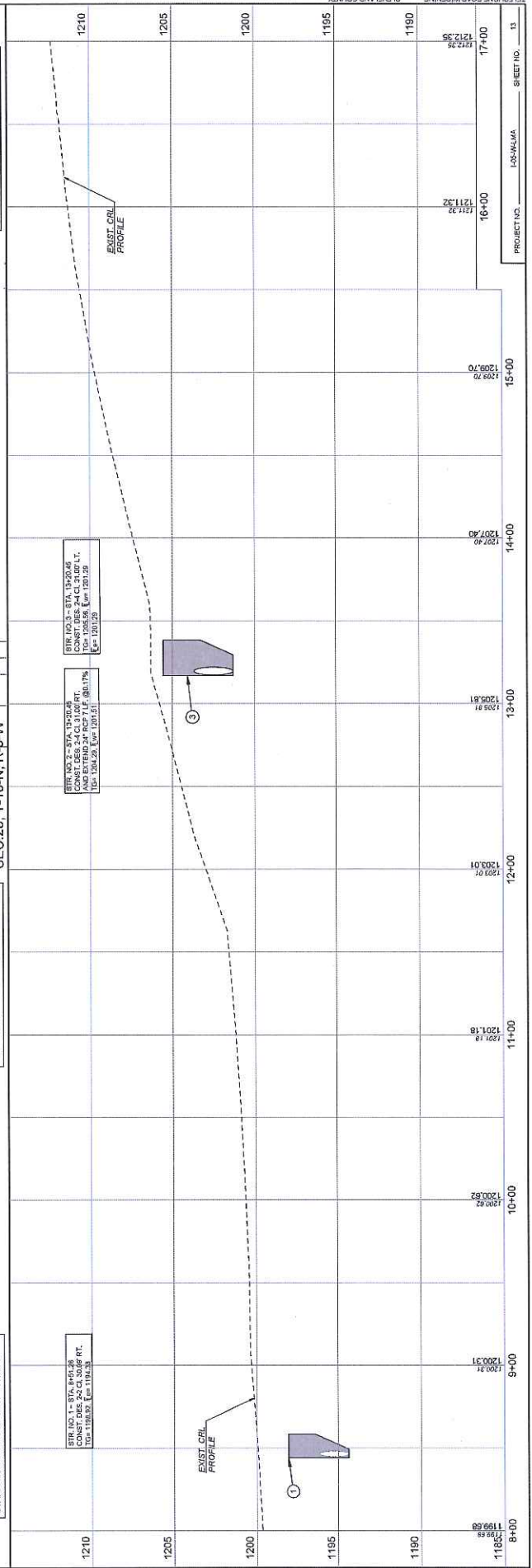
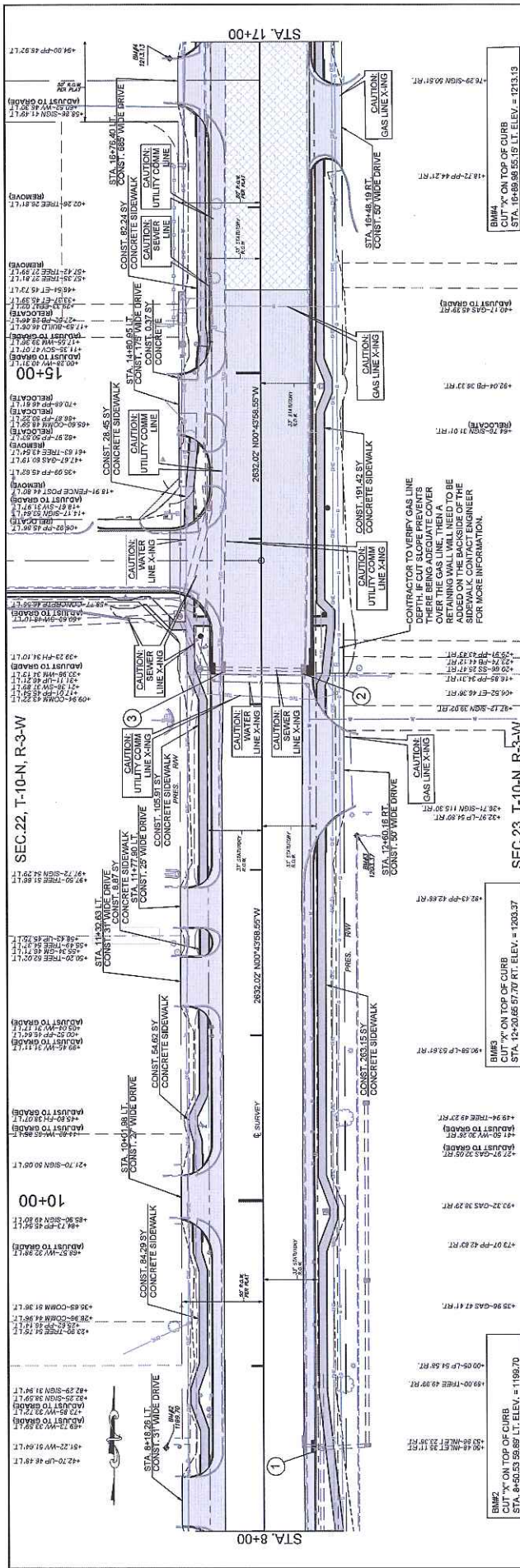


SEC. 22, T-10-N, R-3-W

SEC. 23, T-10-N, R-3-W

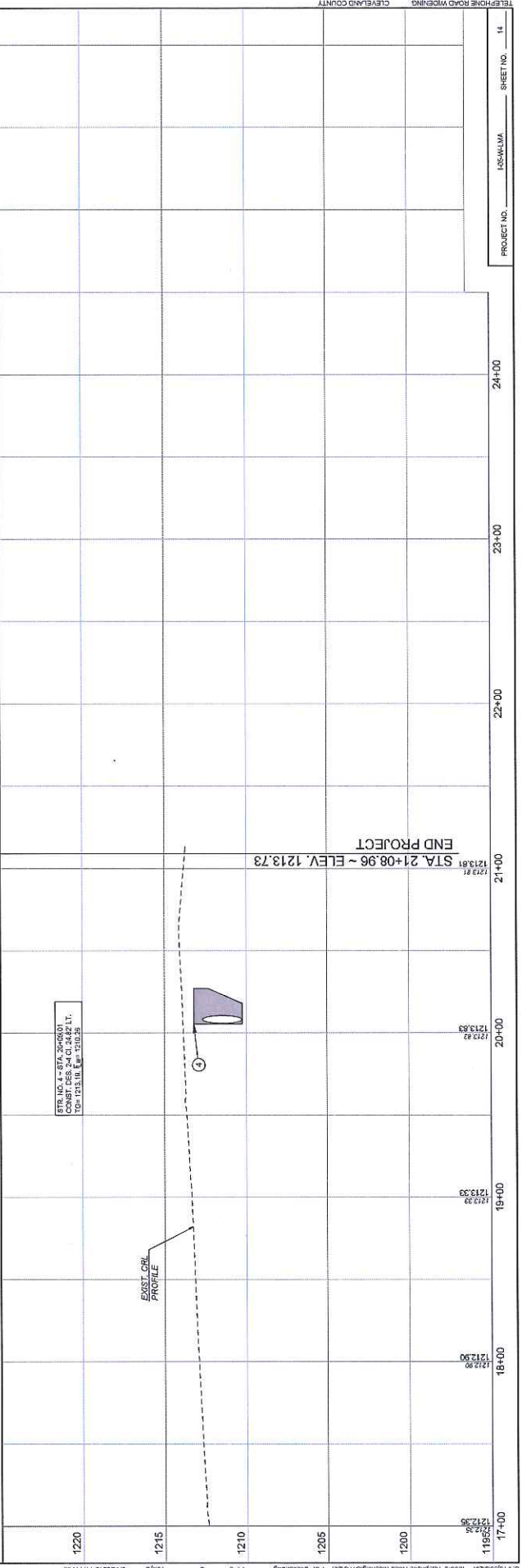
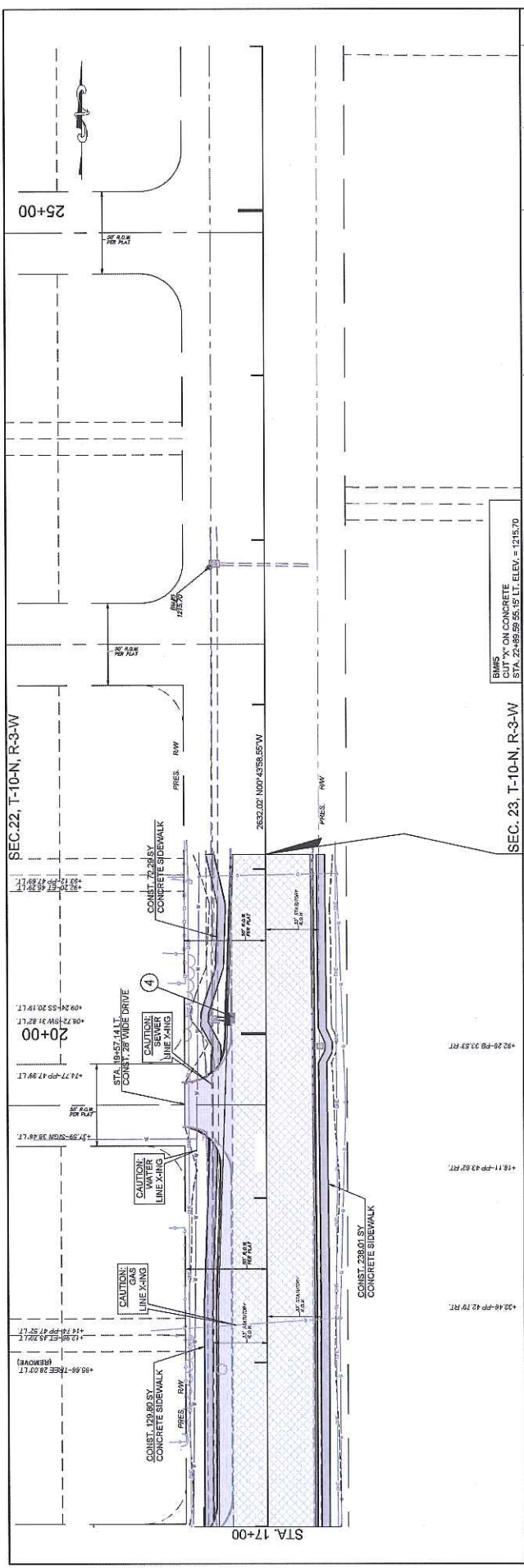
PROJECT NO. 15-W-1000 SHEET NO. 12

TELEPHONE ROAD WIDENING CLEVELAND COUNTY



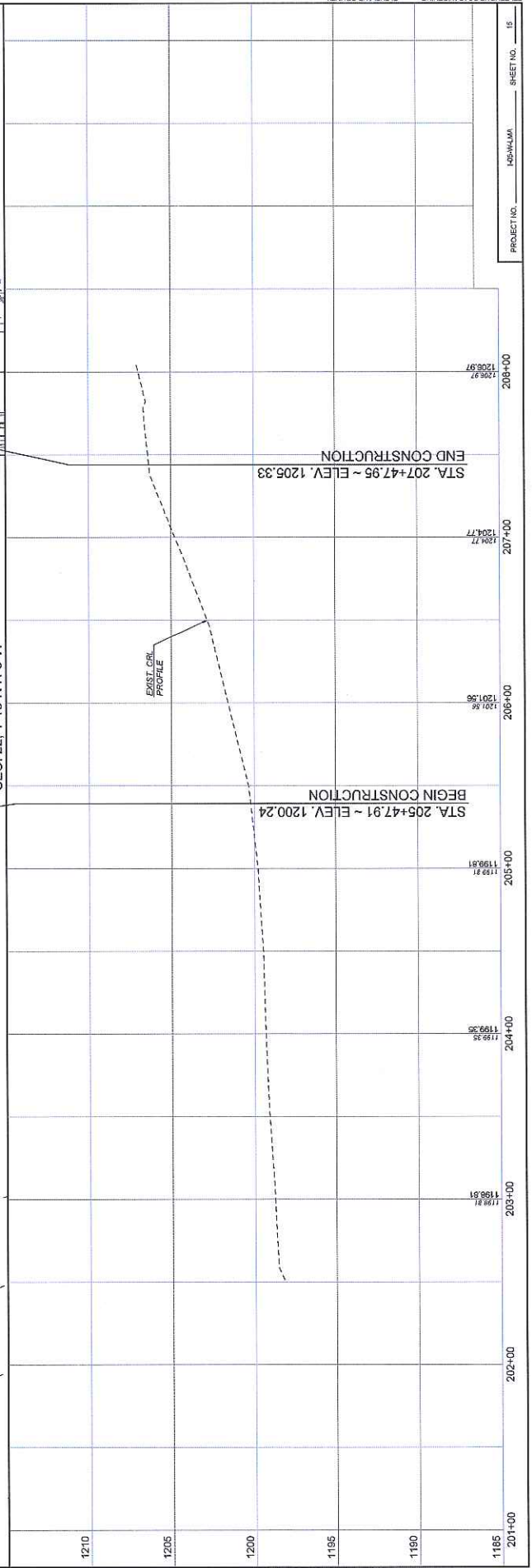
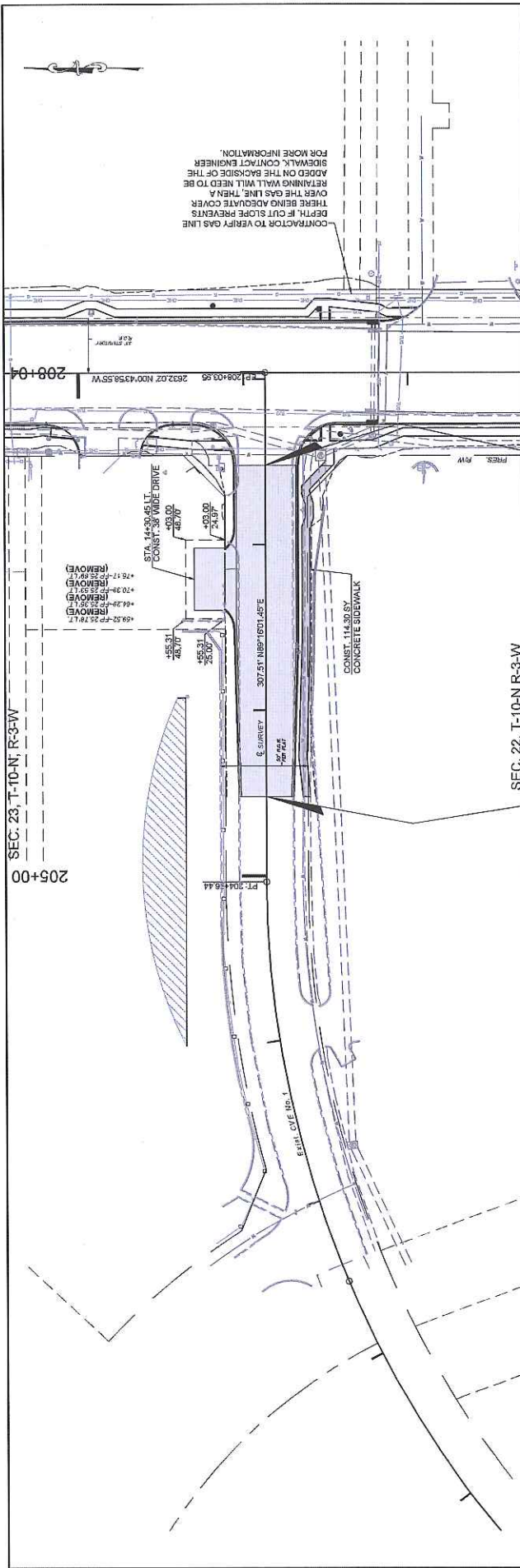
STATION	ELEVATION	DESCRIPTION
8+00	1199.68	BMP CUT ON TOP OF CURB STA. 8+00.53 TO 8+59.89 LT. ELEV. = 1199.70
8+00	1200.31	BMP CUT ON TOP OF CURB STA. 12+05.57 TO 12+65.57 RT. ELEV. = 1203.37
8+00	1200.31	BMP CUT ON TOP OF CURB STA. 16+48.19 TO 17+00.00 RT. ELEV. = 1213.13
10+00	1200.82	
11+00	1201.18	
12+00	1203.01	
13+00	1203.81	
14+00	1207.40	
15+00	1209.70	
16+00	1211.32	
17+00	1212.38	

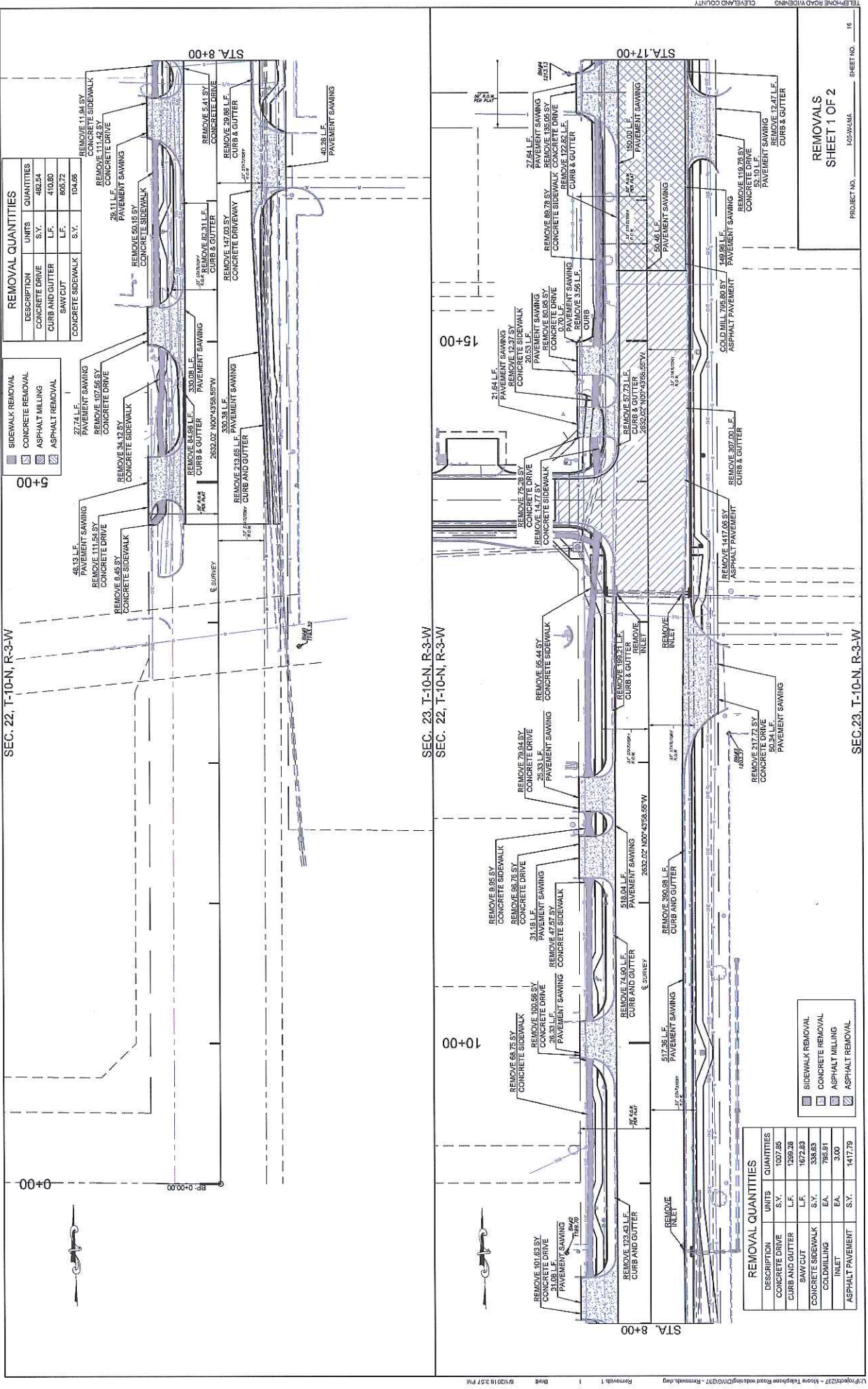
PROJECT NO. 155-WA-04
SHEET NO. 13



TELEPHONE ROAD WIDENING CLEVELAND COUNTY PROJECT NO. 16-06-WLWA SHEET NO. 14

END PROJECT STA. 21+08.96 ~ ELEV. 1213.73





SEC. 22, T-10-N, R-3-W

SEC. 23, T-10-N, R-3-W

SEC. 23, T-10-N, R-3-W

REMOVAL QUANTITIES	
DESCRIPTION	QUANTITIES
CONCRETE DRIVE	S.Y. 482.54
CURB AND GUTTER	L.F. 410.00
PAVEMENT SAWING	L.F. 865.72
CONCRETE SIDEWALK	S.Y. 104.06

REMOVAL QUANTITIES	
DESCRIPTION	QUANTITIES
CONCRETE DRIVE	S.Y. 482.54
CURB AND GUTTER	L.F. 410.00
PAVEMENT SAWING	L.F. 865.72
CONCRETE SIDEWALK	S.Y. 104.06

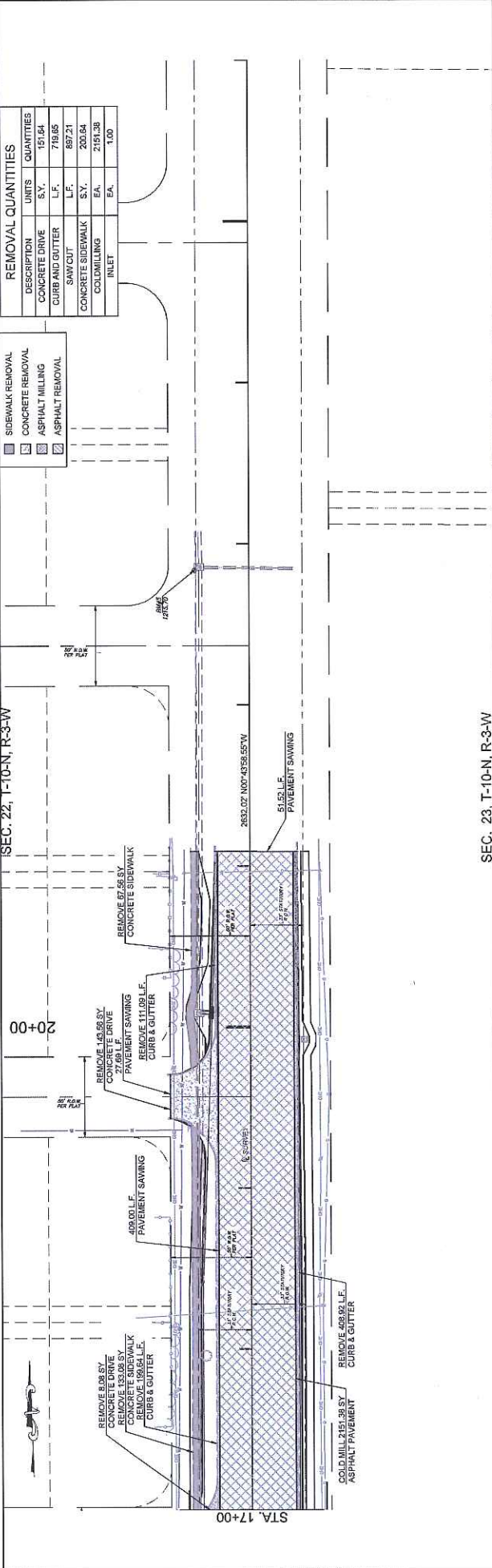
REMOVAL QUANTITIES	
DESCRIPTION	QUANTITIES
CONCRETE DRIVE	S.Y. 1007.85
CURB AND GUTTER	L.F. 1289.28
PAVEMENT SAWING	L.F. 1672.83
CONCRETE SIDEWALK	S.Y. 338.63
COLD MILLING	E.A. 785.51
INLET	E.A. 3.00
ASPHALT PAVEMENT	S.Y. 1417.79

REMOVAL QUANTITIES	
DESCRIPTION	QUANTITIES
CONCRETE DRIVE	S.Y. 1007.85
CURB AND GUTTER	L.F. 1289.28
PAVEMENT SAWING	L.F. 1672.83
CONCRETE SIDEWALK	S.Y. 338.63
COLD MILLING	E.A. 785.51
INLET	E.A. 3.00
ASPHALT PAVEMENT	S.Y. 1417.79

REMOVALS
SHEET 1 OF 2

PROJECT NO. H-5-WALMA

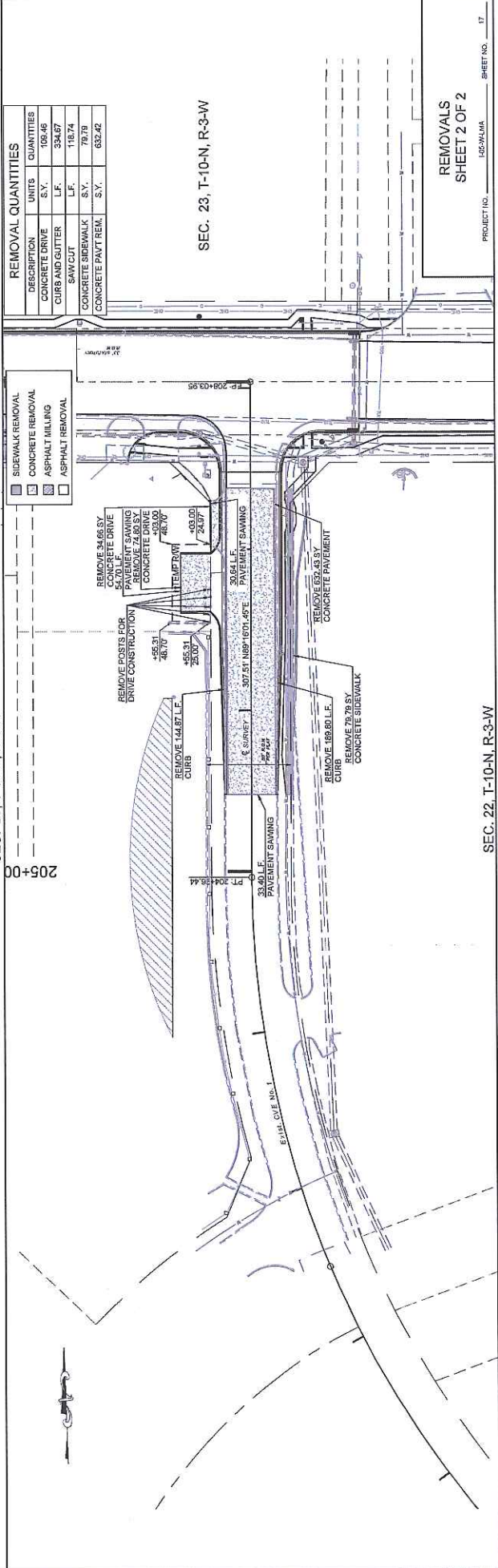
SHEET NO. 16



REMOVAL QUANTITIES

DESCRIPTION	UNITS	QUANTITIES
CONCRETE DRIVE	S.Y.	151.64
CURB AND GUTTER	L.F.	719.65
PAVEMENT SAWING	L.F.	897.21
CONCRETE SIDEWALK	S.Y.	203.04
COLD MILLING	EA.	2151.38
INLET	EA.	1.00

- SIDEWALK REMOVAL**
- CONCRETE REMOVAL
 - ASPHALT MILLING
 - ASPHALT REMOVAL



REMOVAL QUANTITIES

DESCRIPTION	UNITS	QUANTITIES
CONCRETE DRIVE	S.Y.	109.46
CURB AND GUTTER	L.F.	334.67
PAVEMENT SAWING	L.F.	118.74
CONCRETE SIDEWALK	S.Y.	78.79
CONCRETE PAVT. REM.	S.Y.	632.42

- SIDEWALK REMOVAL**
- CONCRETE REMOVAL
 - ASPHALT MILLING
 - ASPHALT REMOVAL

SEC. 23, T-10-N, R-3-W

REMOVALS
SHEET 2 OF 2

PROJECT NO. 165-2616A
SHEET NO. 17

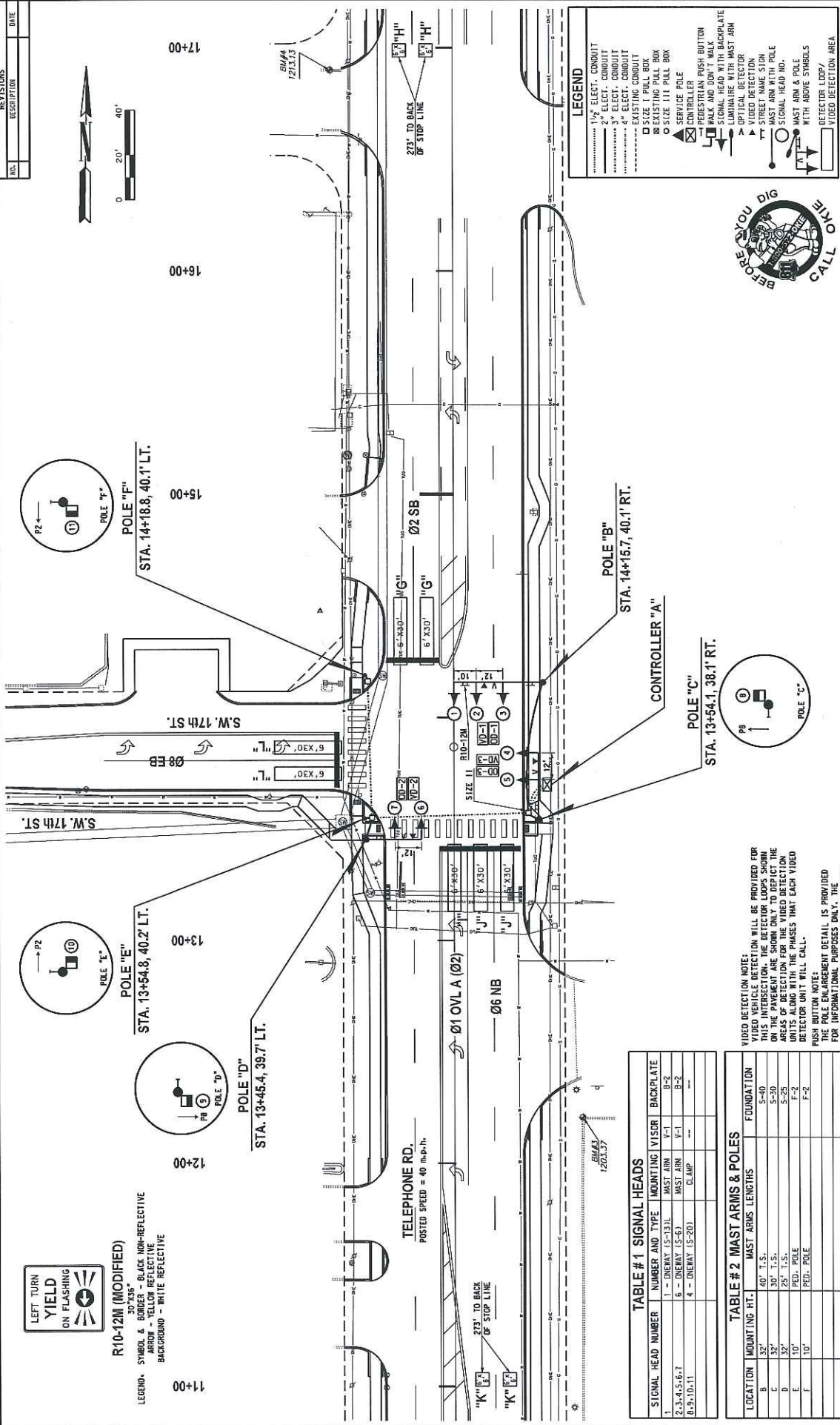
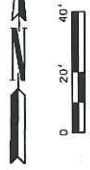
SEC. 22, T-10-N, R-3-W

NO.	REVISIONS	DESCRIPTION	DATE



R10-12M (MODIFIED)
30"x36"
BLACK NON-REFLECTIVE
BLACK REFLECTIVE
WHITE REFLECTIVE

LEGEND: SYMBOL & BORDER - BLACK NON-REFLECTIVE
SYMBOL & BORDER - BLACK REFLECTIVE
BACKGROUND - WHITE REFLECTIVE



LEGEND

- 1/2" ELECT. CONDUIT
- 2" ELECT. CONDUIT
- 4" ELECT. CONDUIT
- EXISTING CONDUIT
- SIZE 1 PULL BOX
- EXISTING PULL BOX
- SIZE 111 PULL BOX
- SERVICE POLE
- CONTROLLER
- PEDESTRIAN PUSH BUTTON (WALK AND DON'T WALK)
- PEDESTRIAN PUSH BUTTON (WALK AND DON'T WALK) WITH VIDEO DETECTION
- OPTICAL DETECTOR
- VIDEO DETECTOR
- STREET NAME SIGN
- MAST ARM WITH POLE
- SIGNAL HEAD NO. 1
- MAST ARM & POLE WITH ABOVE SYMBOLS
- DETECTOR LOOP/VIDEO DETECTION AREA



Des'gn: HSH 03/21/17
Drawn: DBB 03/31/17

JFC
JACOBS FIELD CONSULTANTS

SIGNAL PLAN
S.W. 17th ST. & TELEPHONE RD.
Project No. 1-05-R-11A Sheet No. 1B
CLEVELAND COUNTY

VIDEO DETECTION NOTE:
VIDEO VEHICLE DETECTION WILL BE PROVIDED FOR THIS INTERSECTION. THE DETECTOR LOOPS SHOWN ON THE PAVEMENT ARE SHOWN ONLY TO DEPICT THE AREAS OF DETECTION FOR THE VIDEO DETECTION UNITS ALONG WITH THE PHASES THAT EACH VIDEO DETECTION UNIT WILL CALL.

PRELIMINARY NOTES:
THE POLE ENLARGEMENT DETAIL IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE PLACEMENT OF THE PEDESTRIAN PUSH BUTTONS AND SIGNAL HEADS SHALL BE INSTALLED ON THE SIDE OF THE STREET AND BE AS VISIBLE FROM THE CROSSWALK AND THE PUSH BUTTONS ARE ACCESSIBLE FROM THE ADJACENT SIDEWALK. THE HANDLE SHALL NOT CONFLICT WITH THE PUSH BUTTON LOCATIONS AS SHOWN.

TABLE # 1 SIGNAL HEADS

SIGNAL HEAD NUMBER	NUMBER AND TYPE	MOUNTING VISOR	BACKPLATE
1	1 - ENERGY (S-13L)	MAST ARM V-1	B-2
2,3,4,5,6,7	6 - ENERGY (S-6)	MAST ARM V-1	B-2
8,9,10,11	4 - ENERGY (S-20)	CLAMP	---

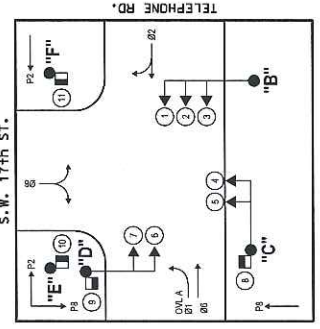
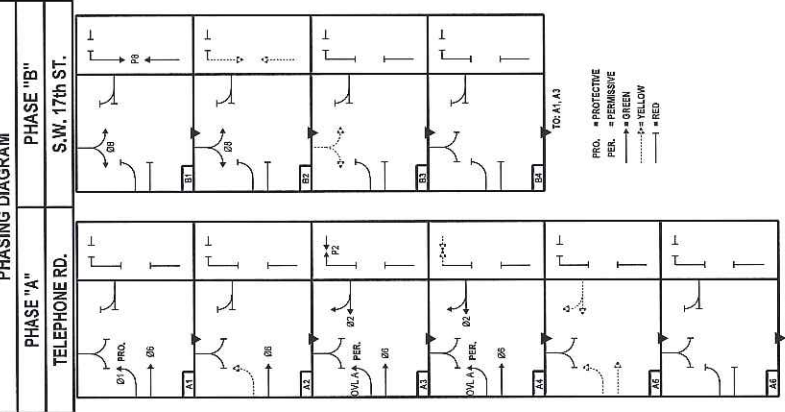
TABLE # 2 MAST ARMS & POLES

LOCATION	MOUNTING HT.	MAST ARMS LENGTHS	FOUNDATION
B	32'	40' T.S.	S-40
C	32'	30' T.S.	S-30
D	32'	25' T.S.	S-25
E	10'	PED. POLE	F-2
F	10'	PED. POLE	F-2

TABLE # 3 ELECTRICAL CABLE

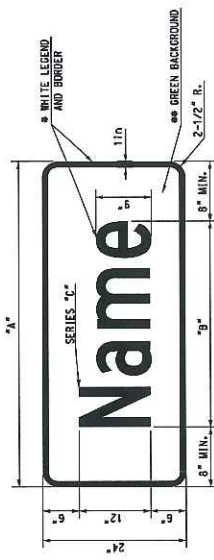
ELECTRICAL CABLE TO CONTROLLER "A" LOCATION
B-2IC C-212/50 B-212/50 E-50/50 F-50/50

REVISIONS	
NO.	DESCRIPTION



SEQUENCE CHART

DIRECTION	BLOCK NO.	PHASE							
		01				02			
		01	06	08	02	02	02	06	02
B1	B1	2-3	4-5	6-7	8-9	10-11	12	13	14
B2	B2	1	2	3	4	5	6	7	8
B3	B3	9	10	11	12	13	14	15	16
B4	B4	17	18	19	20	21	22	23	24
B5	B5	25	26	27	28	29	30	31	32
B6	B6	33	34	35	36	37	38	39	40
B7	B7	41	42	43	44	45	46	47	48
B8	B8	49	50	51	52	53	54	55	56
B9	B9	57	58	59	60	61	62	63	64
B10	B10	65	66	67	68	69	70	71	72
B11	B11	73	74	75	76	77	78	79	80
B12	B12	81	82	83	84	85	86	87	88
B13	B13	89	90	91	92	93	94	95	96
B14	B14	97	98	99	100	101	102	103	104
B15	B15	105	106	107	108	109	110	111	112
B16	B16	113	114	115	116	117	118	119	120
B17	B17	121	122	123	124	125	126	127	128
B18	B18	129	130	131	132	133	134	135	136
B19	B19	137	138	139	140	141	142	143	144
B20	B20	145	146	147	148	149	150	151	152
B21	B21	153	154	155	156	157	158	159	160
B22	B22	161	162	163	164	165	166	167	168
B23	B23	169	170	171	172	173	174	175	176
B24	B24	177	178	179	180	181	182	183	184
B25	B25	185	186	187	188	189	190	191	192
B26	B26	193	194	195	196	197	198	199	200
B27	B27	201	202	203	204	205	206	207	208
B28	B28	209	210	211	212	213	214	215	216
B29	B29	217	218	219	220	221	222	223	224
B30	B30	225	226	227	228	229	230	231	232
B31	B31	233	234	235	236	237	238	239	240
B32	B32	241	242	243	244	245	246	247	248
B33	B33	249	250	251	252	253	254	255	256
B34	B34	257	258	259	260	261	262	263	264
B35	B35	265	266	267	268	269	270	271	272
B36	B36	273	274	275	276	277	278	279	280
B37	B37	281	282	283	284	285	286	287	288
B38	B38	289	290	291	292	293	294	295	296
B39	B39	297	298	299	300	301	302	303	304
B40	B40	305	306	307	308	309	310	311	312
B41	B41	313	314	315	316	317	318	319	320
B42	B42	321	322	323	324	325	326	327	328
B43	B43	329	330	331	332	333	334	335	336
B44	B44	337	338	339	340	341	342	343	344
B45	B45	345	346	347	348	349	350	351	352
B46	B46	353	354	355	356	357	358	359	360
B47	B47	361	362	363	364	365	366	367	368
B48	B48	369	370	371	372	373	374	375	376
B49	B49	377	378	379	380	381	382	383	384
B50	B50	385	386	387	388	389	390	391	392
B51	B51	393	394	395	396	397	398	399	400
B52	B52	401	402	403	404	405	406	407	408
B53	B53	409	410	411	412	413	414	415	416
B54	B54	417	418	419	420	421	422	423	424
B55	B55	425	426	427	428	429	430	431	432
B56	B56	433	434	435	436	437	438	439	440
B57	B57	441	442	443	444	445	446	447	448
B58	B58	449	450	451	452	453	454	455	456
B59	B59	457	458	459	460	461	462	463	464
B60	B60	465	466	467	468	469	470	471	472
B61	B61	473	474	475	476	477	478	479	480
B62	B62	481	482	483	484	485	486	487	488
B63	B63	489	490	491	492	493	494	495	496
B64	B64	497	498	499	500	501	502	503	504



SUMMARY OF MAST ARM MOUNTED SIGNS

MESSAGE	PILE LOCATION	NO. OF SIGNS	A (IN.)	B (IN.)	HEIGHT (IN.)	SIGN AREA (SQ. FT.)	TOTAL SIGN AREA (SQ. FT.)
SW 17th St	B+E	2	84	24	87.6	14.00	28.00
Telephone Rd	C	1	102	24	85.4	17.00	17.00
R10-12M	B	1	30	36	---	7.50	7.50
TOTAL							52.50

• TYPE VIII VWP REFLECTIVE SHEETING SHALL BE USED
 •• TYPE III VWP REFLECTIVE SHEETING SHALL BE USED

Drawn: MSB 03/31/71
 Drawn: GDB 03/31/71

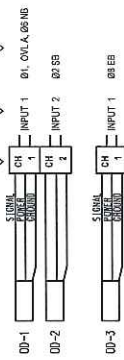
JFC
 JACKSONVILLE, FLORIDA

SIGNAL DETAIL PLAN
 S.W. 17th ST. & TELEPHONE RD.

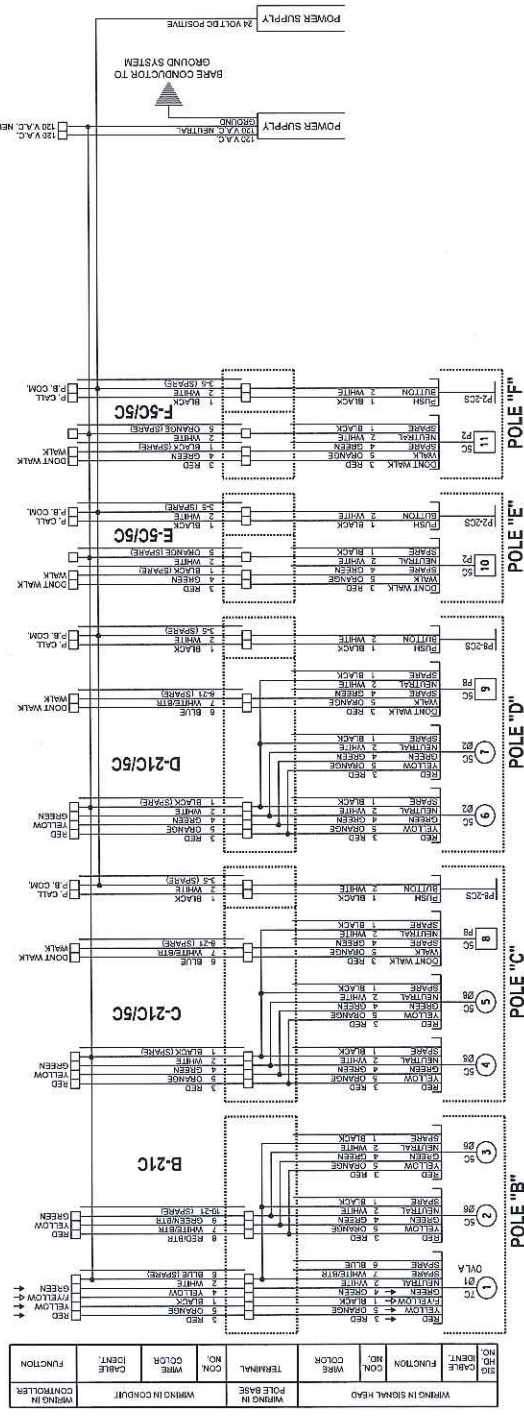
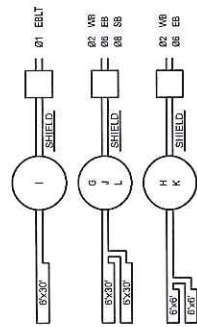
Project No. I-05-N-114 Sheet No. 19
 CLEVELAND COUNTY

NOTE:
IF JUMPERS OR OTHER CONNECTIONS ARE MADE IN THE FIELD DURING
INSTALLATION, AND ARE ACCEPTED BY THE ENGINEER THIS SHOULD
BE SHOWN ON THE WIRING DIAGRAM FOR FUTURE REFERENCE.

PRE-EMPTOR DETAILS



VIDEO DETECTION AREAS



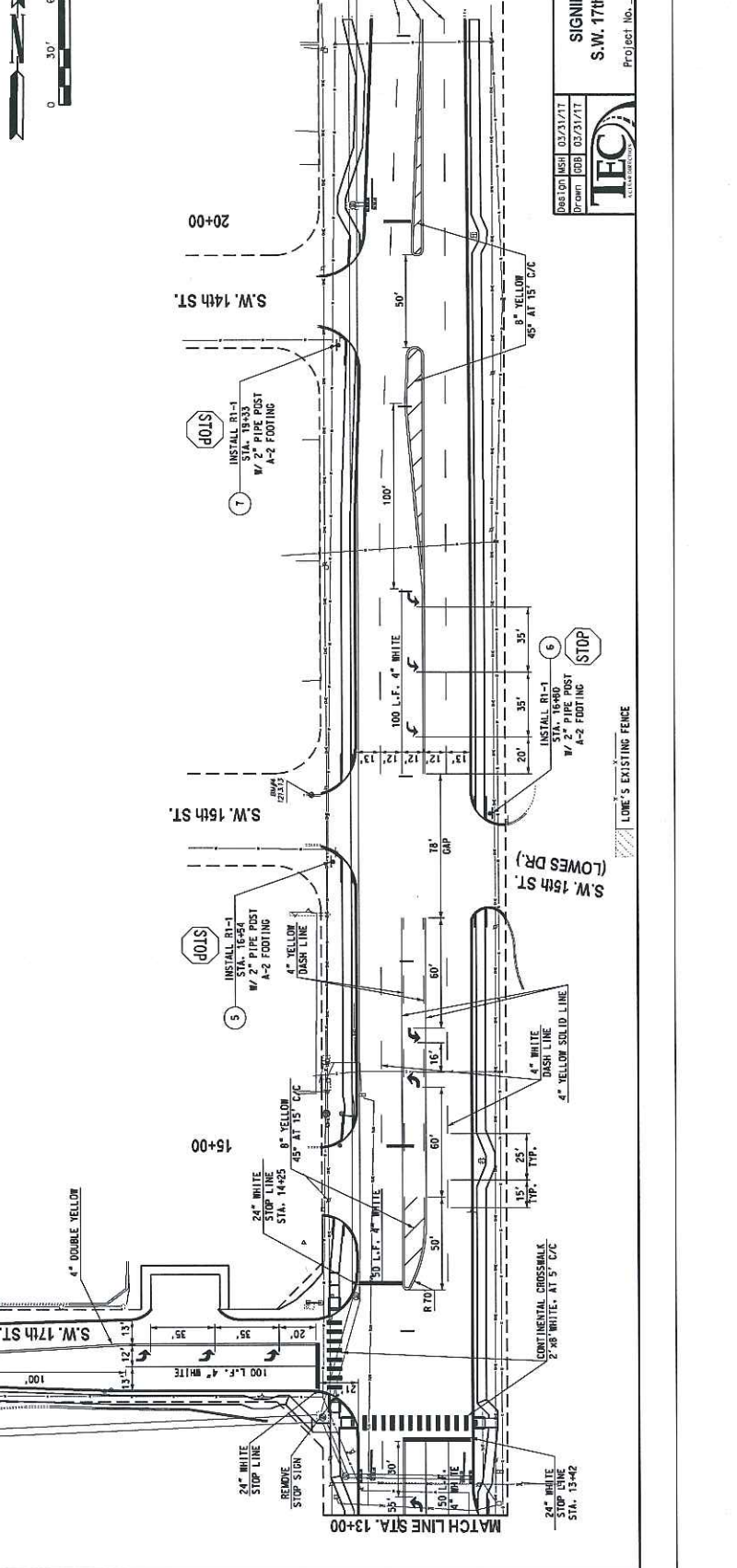
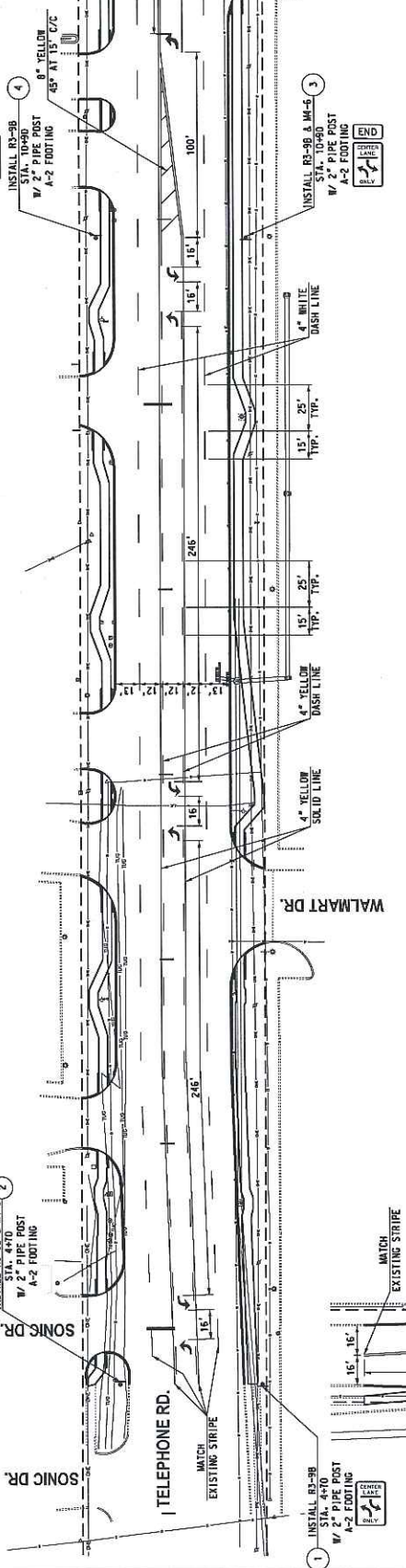
WIRING IN POLE BASE	WIRING IN SIGNAL HEAD
NO. IDENT.	NO. IDENT.
WIRE COLOR	WIRE COLOR
FUNCTION	FUNCTION
WIRING IN CONDUIT	WIRING IN CONDUIT
WIRE IDENT.	WIRE IDENT.
CABLE IDENT.	CABLE IDENT.
CON. WIRE COLOR	CON. WIRE COLOR
TERMINAL NO.	TERMINAL NO.
CON. WIRE IDENT.	CON. WIRE IDENT.
FUNCTION	FUNCTION

REVISIONS	
NO.	DESCRIPTION

NO.		DATE	

10+00

5+00



TFC
TRAFFIC CONSULTANTS

03/21/17
03/21/17

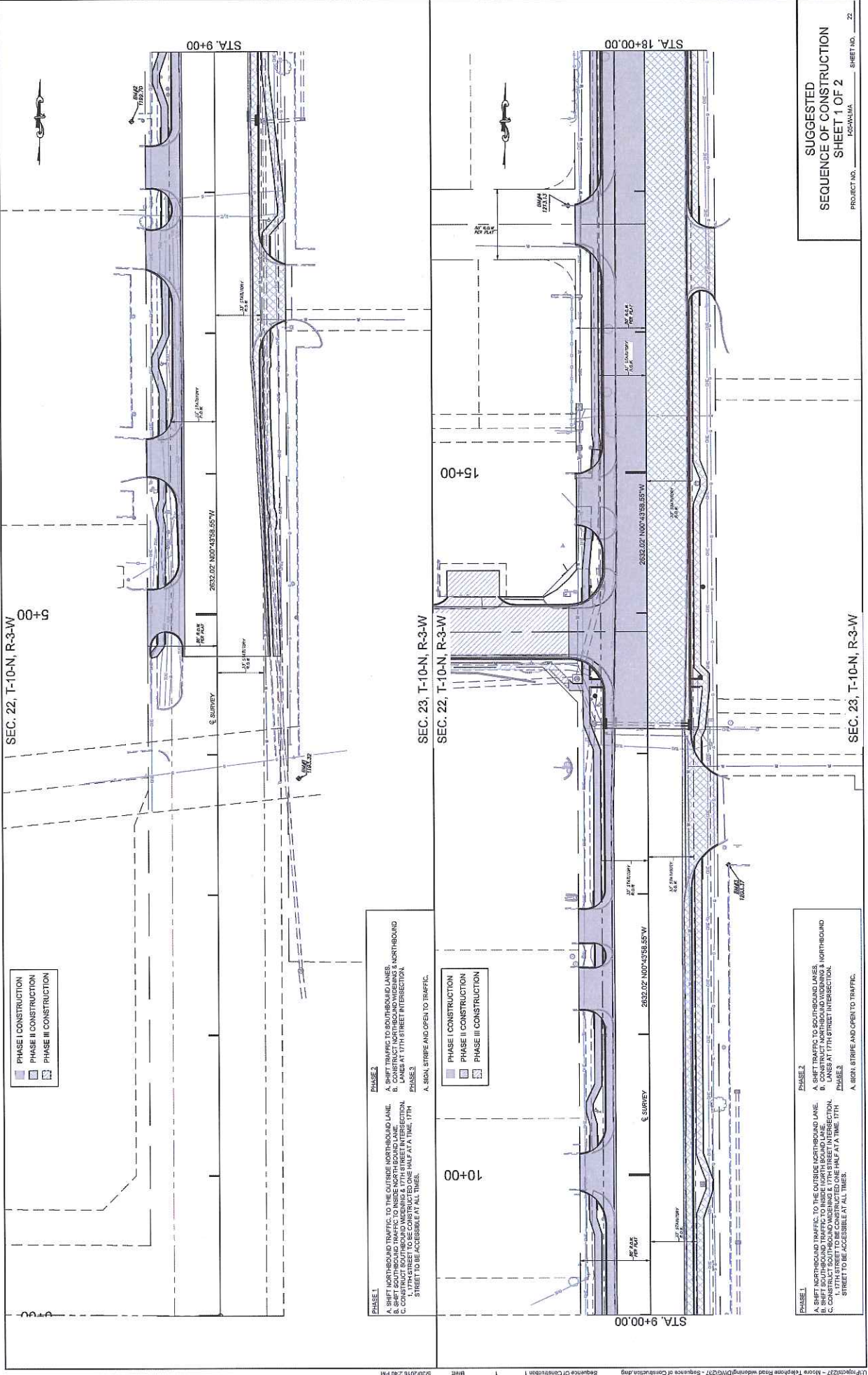
SIGNING & STRIPING PLAN
S.W. 17th St. & TELEPHONE RD.

Project No. 1-05-H-114 Sheet No. 21
CLEVELAND COUNTY

LOVE'S EXISTING FENCE

0:\proj\1611-17-253 Telephone Rd & SW 17th St\CD\STRIPING.dwg

SUGGESTED
SEQUENCE OF CONSTRUCTION
SHEET 1 OF 2
PROJECT NO. 15034104
SHEET NO. 22



SEC. 22, T-10-N, R-3-W

SEC. 23, T-10-N, R-3-W

SEC. 23, T-10-N, R-3-W

PHASE I CONSTRUCTION
PHASE II CONSTRUCTION
PHASE III CONSTRUCTION

PHASE I CONSTRUCTION
PHASE II CONSTRUCTION
PHASE III CONSTRUCTION

PHASE I
A. SHIFT NORTHBOUND TRAFFIC TO THE OUTSIDE NORTHBOUND LANE.
B. SHIFT SOUTHBOUND TRAFFIC TO INSIDE (OUTER) NORTHBOUND LANE.
C. CONSTRUCT SOUTHBOUND MEDIAN & 17TH STREET INTERSECTION.
1. 17TH STREET TO BE CONSTRUCTED ONE HALF AT A TIME. 17TH STREET TO BE ACCESSIBLE AT ALL TIMES.

PHASE II
A. SHIFT TRAFFIC TO SOUTHBOUND LANES.
B. CONSTRUCT NORTHBOUND MEDIAN & 17TH STREET INTERSECTION.
1. 17TH STREET TO BE CONSTRUCTED ONE HALF AT A TIME. 17TH STREET TO BE ACCESSIBLE AT ALL TIMES.

PHASE III
A. SIGN STRIPE AND OPEN TO TRAFFIC.

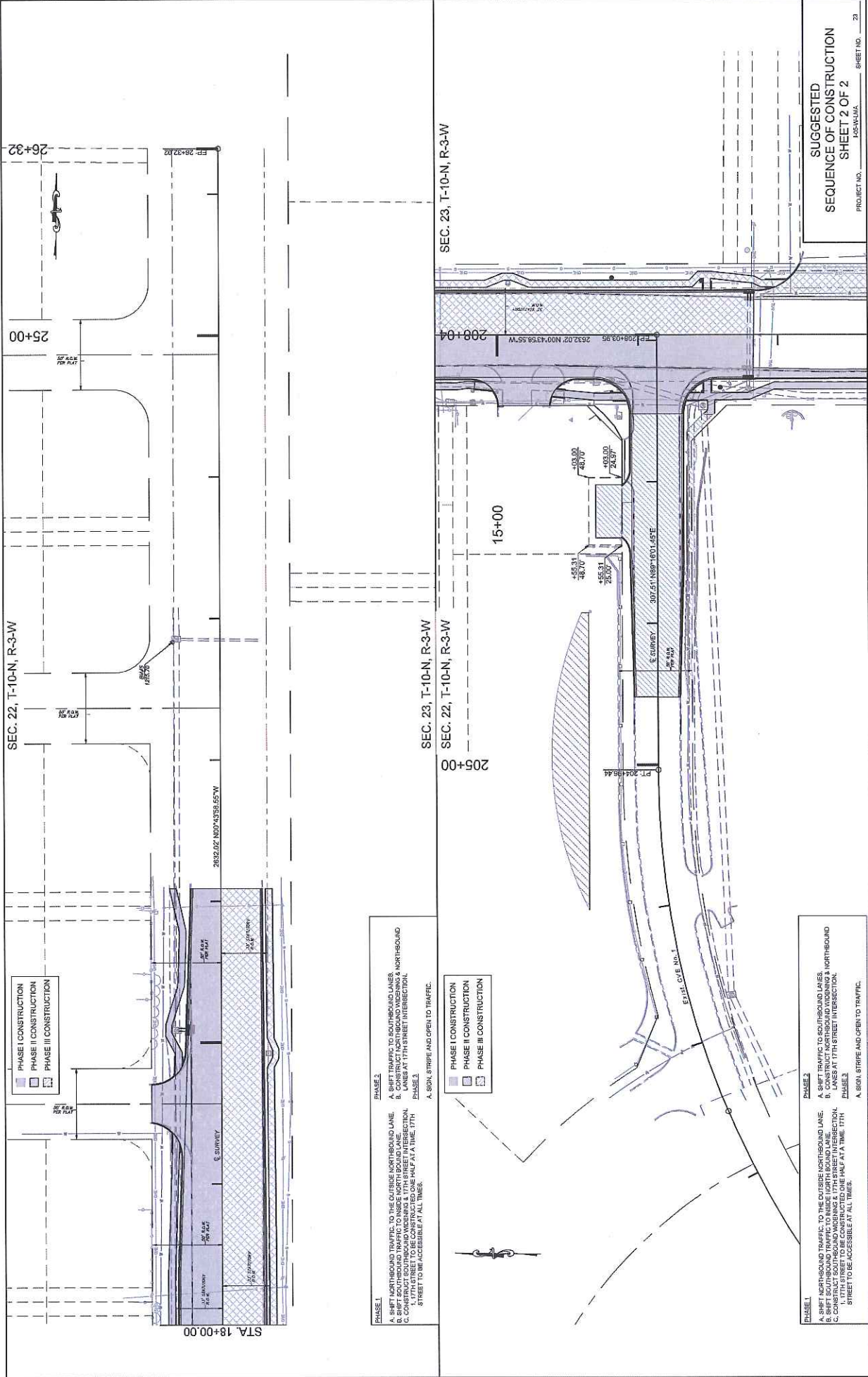
PHASE I
A. SHIFT NORTHBOUND TRAFFIC TO THE OUTSIDE NORTHBOUND LANE.
B. SHIFT SOUTHBOUND TRAFFIC TO INSIDE (OUTER) NORTHBOUND LANE.
C. CONSTRUCT SOUTHBOUND MEDIAN & 17TH STREET INTERSECTION.
1. 17TH STREET TO BE CONSTRUCTED ONE HALF AT A TIME. 17TH STREET TO BE ACCESSIBLE AT ALL TIMES.

PHASE II
A. SHIFT TRAFFIC TO SOUTHBOUND LANES.
B. CONSTRUCT NORTHBOUND MEDIAN & 17TH STREET INTERSECTION.
1. 17TH STREET TO BE CONSTRUCTED ONE HALF AT A TIME. 17TH STREET TO BE ACCESSIBLE AT ALL TIMES.

PHASE III
A. SIGN STRIPE AND OPEN TO TRAFFIC.

**SUGGESTED
SEQUENCE OF CONSTRUCTION
SHEET 2 OF 2**

PROJECT NO. 105-W-104
SHEET NO. 23



PHASE I CONSTRUCTION
PHASE II CONSTRUCTION
PHASE III CONSTRUCTION

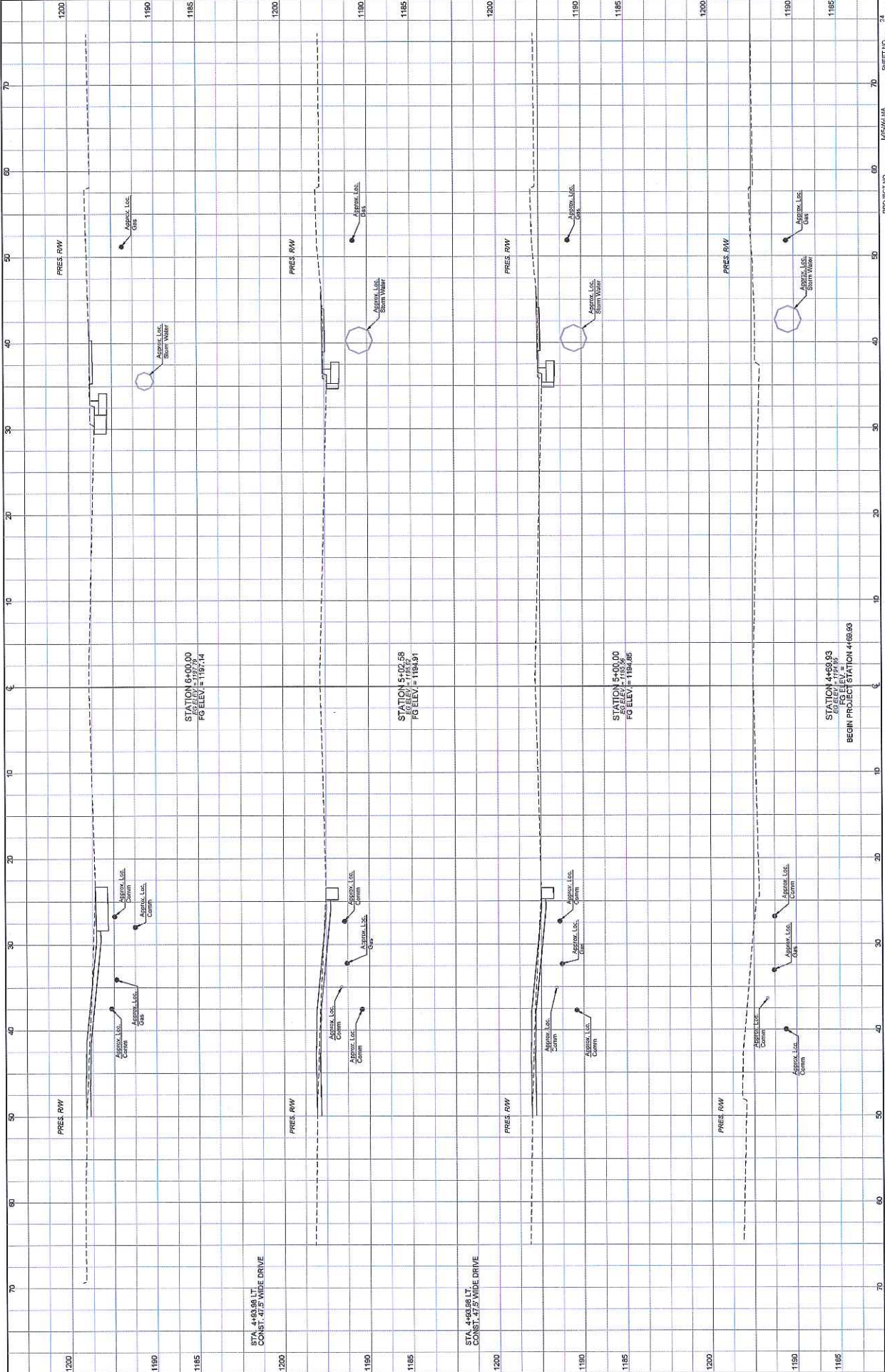
PHASE I
A. SHIFT NORTHBOUND TRAFFIC TO THE OUTSIDE NORTHBOUND LANE.
B. SHIFT SOUTHBOUND TRAFFIC TO THE INSIDE NORTHBOUND LANE.
C. CONSTRUCT SOUTHBOUND MEDIAN & 17TH STREET INTERSECTION.
1. 17TH STREET TO BE CONSTRUCTED ONE HALF AT A TIME. 17TH STREET TO BE ACCESSIBLE AT ALL TIMES.

PHASE II
A. SIGN STRIPE AND OPEN TO TRAFFIC.

PHASE I CONSTRUCTION
PHASE II CONSTRUCTION
PHASE III CONSTRUCTION

PHASE I
A. SHIFT NORTHBOUND TRAFFIC TO THE OUTSIDE NORTHBOUND LANE.
B. SHIFT SOUTHBOUND TRAFFIC TO THE INSIDE NORTHBOUND LANE.
C. CONSTRUCT SOUTHBOUND MEDIAN & 17TH STREET INTERSECTION.
1. 17TH STREET TO BE CONSTRUCTED ONE HALF AT A TIME. 17TH STREET TO BE ACCESSIBLE AT ALL TIMES.

PHASE II
A. SIGN STRIPE AND OPEN TO TRAFFIC.



STA. 4+68.98 LT.
CONST. 47.5' WIDE DRIVE

STA. 4+68.98 LT.
CONST. 47.5' WIDE DRIVE

STATION 4+68.93
PG ELEV = 1184.93
BEGIN PROJECT STATION 4+68.93

STATION 5+00.00
PG ELEV = 1187.14

STATION 5+00.58
PG ELEV = 1184.97

STATION 5+00.00
PG ELEV = 1184.96

PRES. RW

PRES. RW

PRES. RW

PRES. RW

PRES. RW

PRES. RW

PRES. RW

PRES. RW

Approx. Loc. Storm Water

Approx. Loc. Gas

Approx. Loc. Storm Water

Approx. Loc. Gas

Approx. Loc. Storm Water

Approx. Loc. Gas

Approx. Loc. Storm Water

Approx. Loc. Gas

Approx. Loc. Storm Water

Approx. Loc. Gas

Approx. Loc. Storm Water

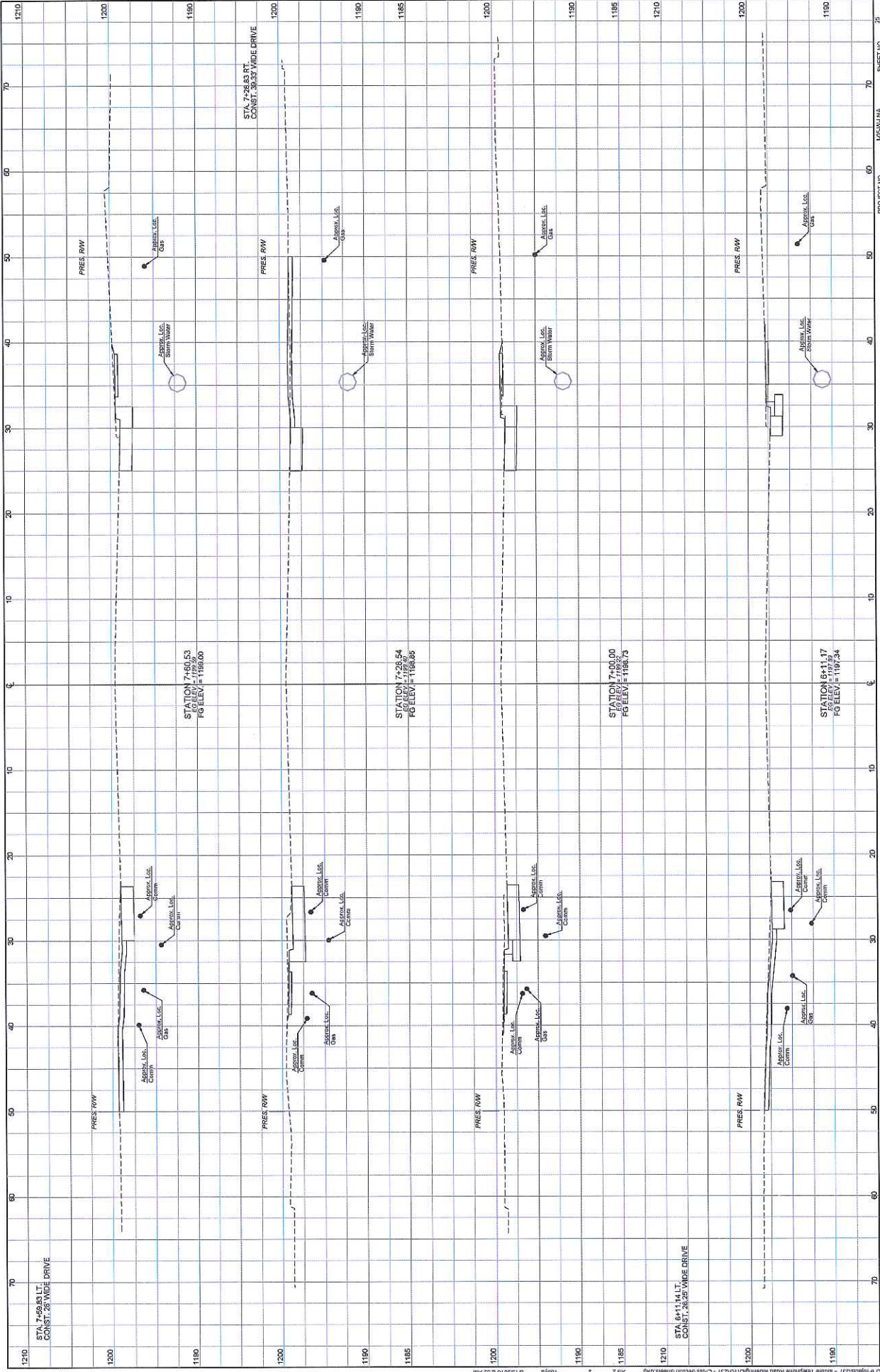
Approx. Loc. Gas

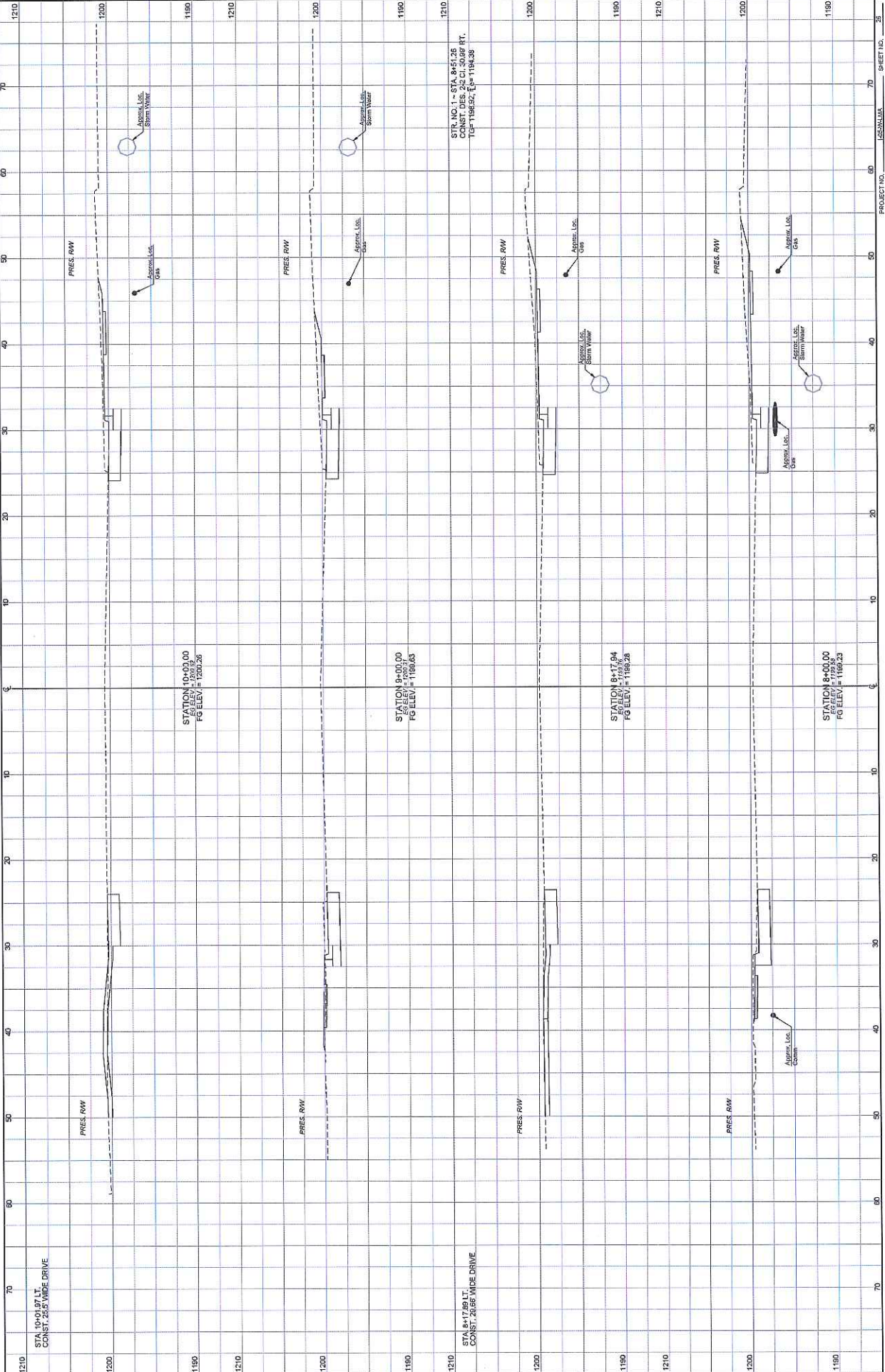
Approx. Loc. Storm Water

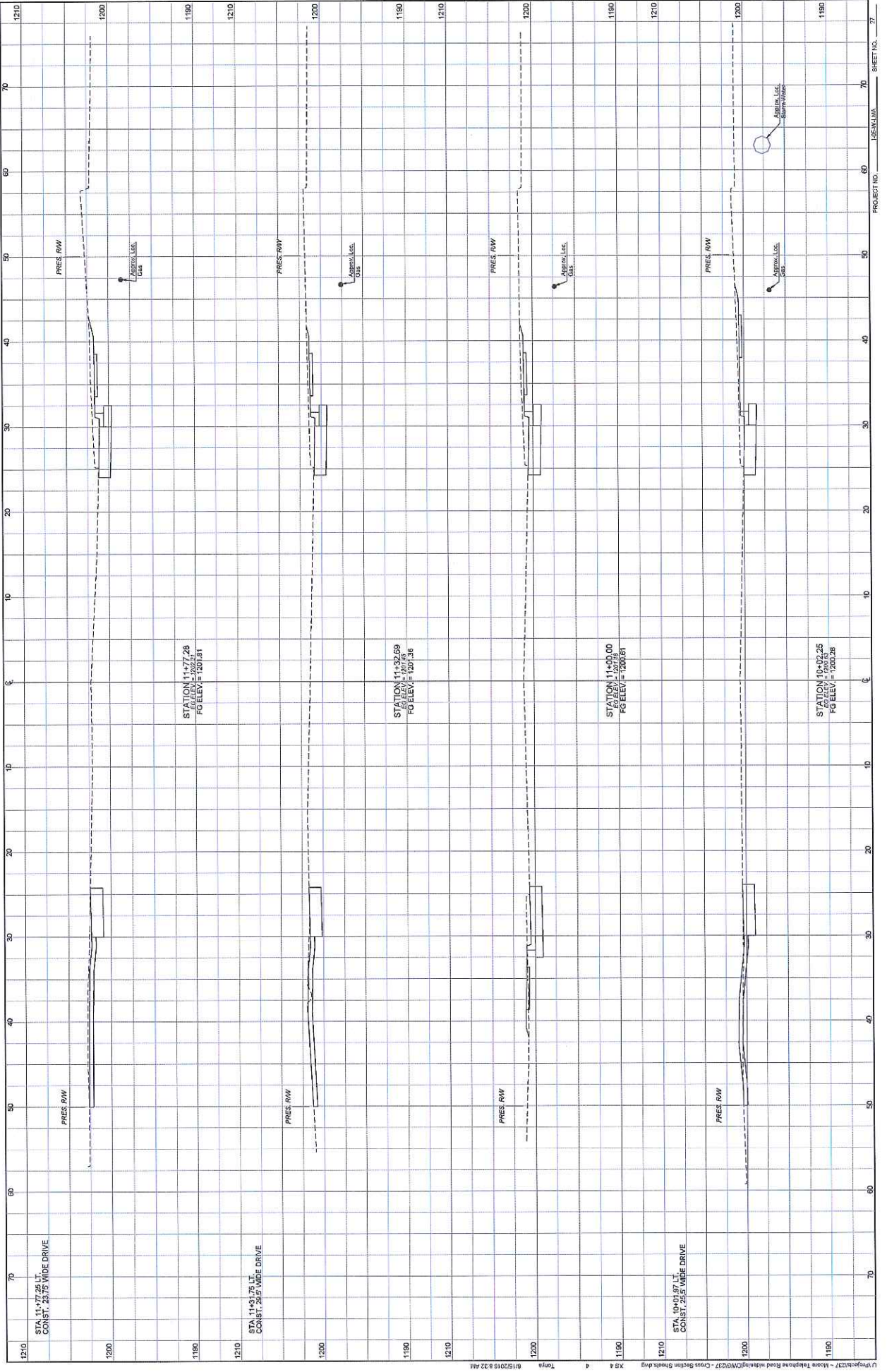
Approx. Loc. Gas

Approx. Loc. Storm Water

Approx. Loc. Gas







1210
1200
1190
1210
1200
1190
1210
1200
1190
1210
1200
1190

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

STA. 11+37.28 LT
CONST. 25.5' WIDE DRIVE

STATION 11+37.28
PG ELEV = 1207.81

PRES. RW

Agricult. Use
Gas

STA. 11+32.69 LT
CONST. 25.5' WIDE DRIVE

STATION 11+32.69
PG ELEV = 1207.36

PRES. RW

Agricult. Use
Gas

STA. 11+00.00 LT
CONST. 25.5' WIDE DRIVE

STATION 11+00.00
PG ELEV = 1208.81

PRES. RW

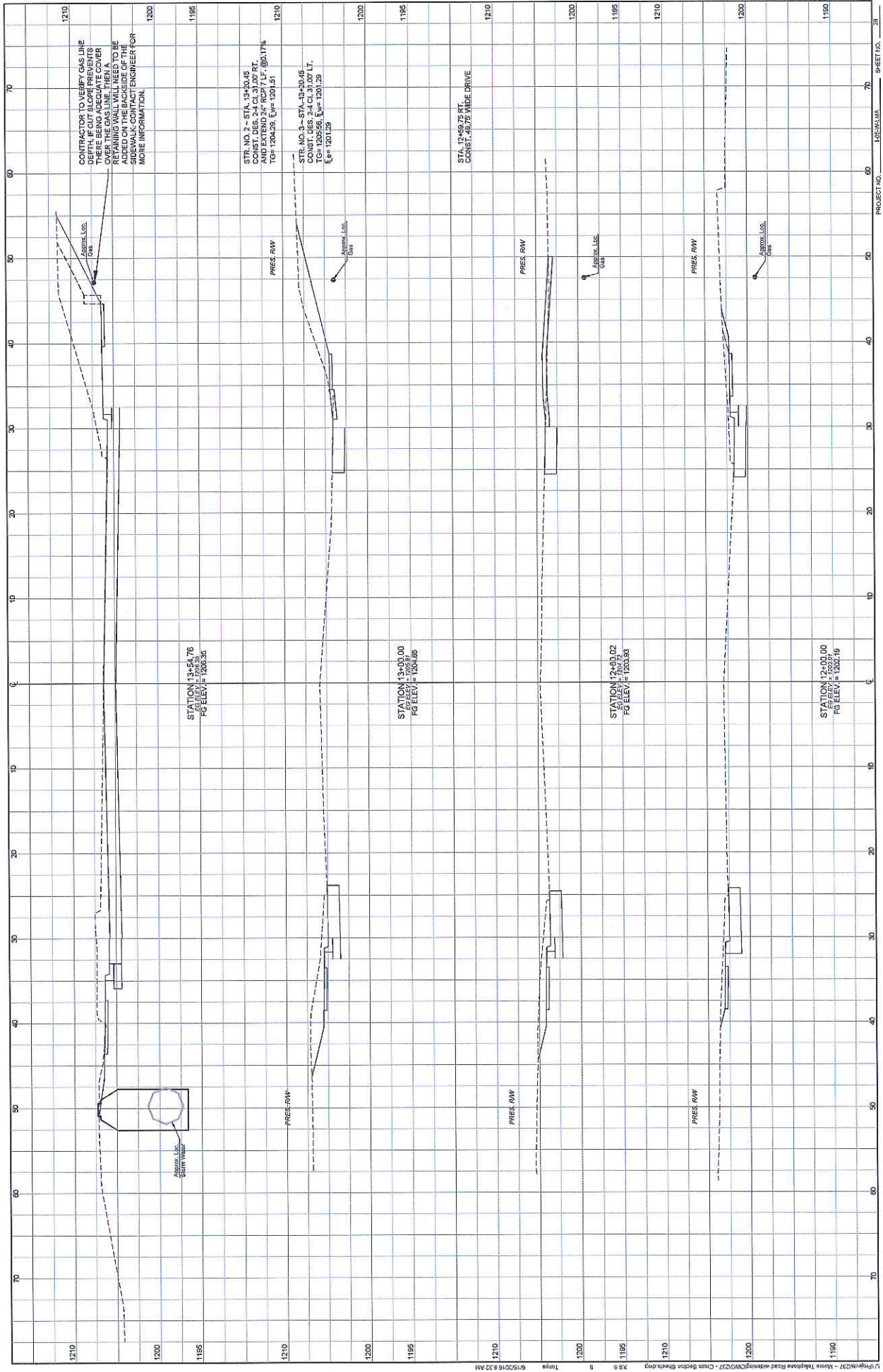
Agricult. Use
Gas

STA. 10+02.25 LT
CONST. 25.5' WIDE DRIVE

STATION 10+02.25
PG ELEV = 1200.28

PRES. RW

Agricult. Use
Storm Water



CONTRACTOR TO VERIFY GAS LINE LOCATION AND DEPTH BEFORE THESE BEING ADEQUATE COVER OVER THE GAS LINE. THEN A RETURNING WALL WILL NEED TO BE INSTALLED. THE CONTRACTOR SHOULD CHECK WITH THE UTILITY SIDEWALK CONTRACT ENGINEER FOR MORE INFORMATION.

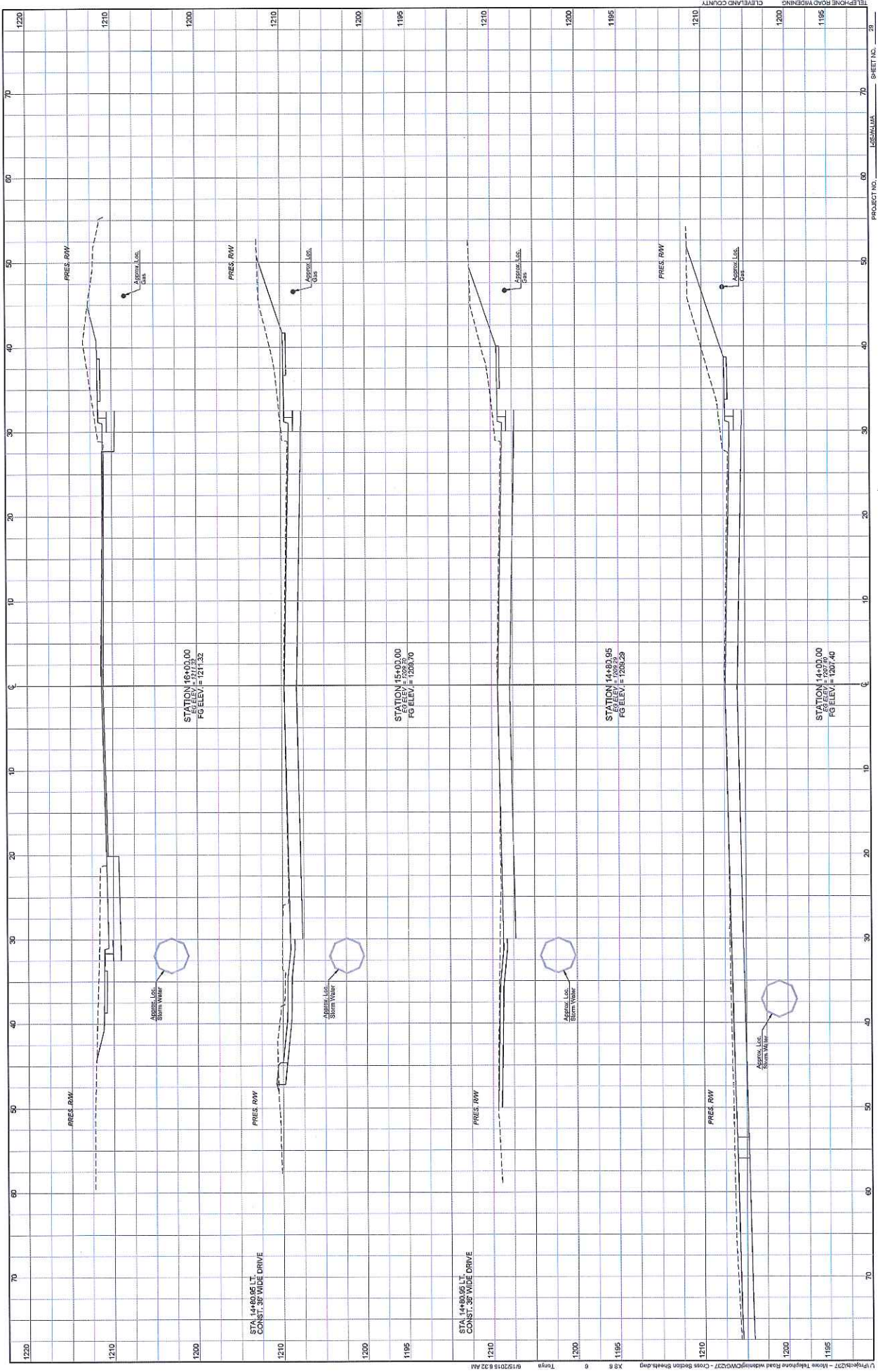
Approx. Loc. Storm Water

Approx. Loc. Gas

Approx. Loc. Gas

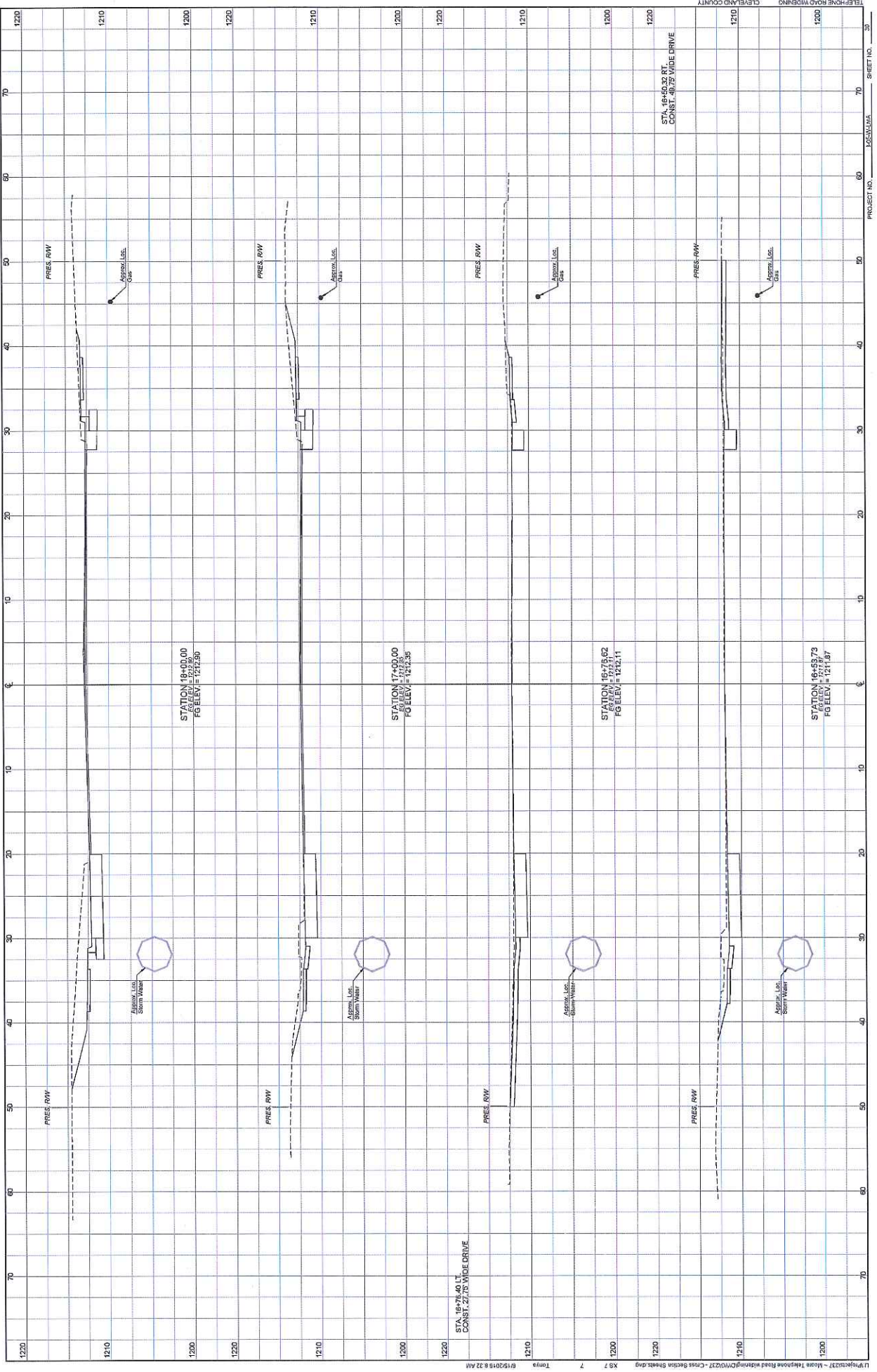
Approx. Loc. Gas

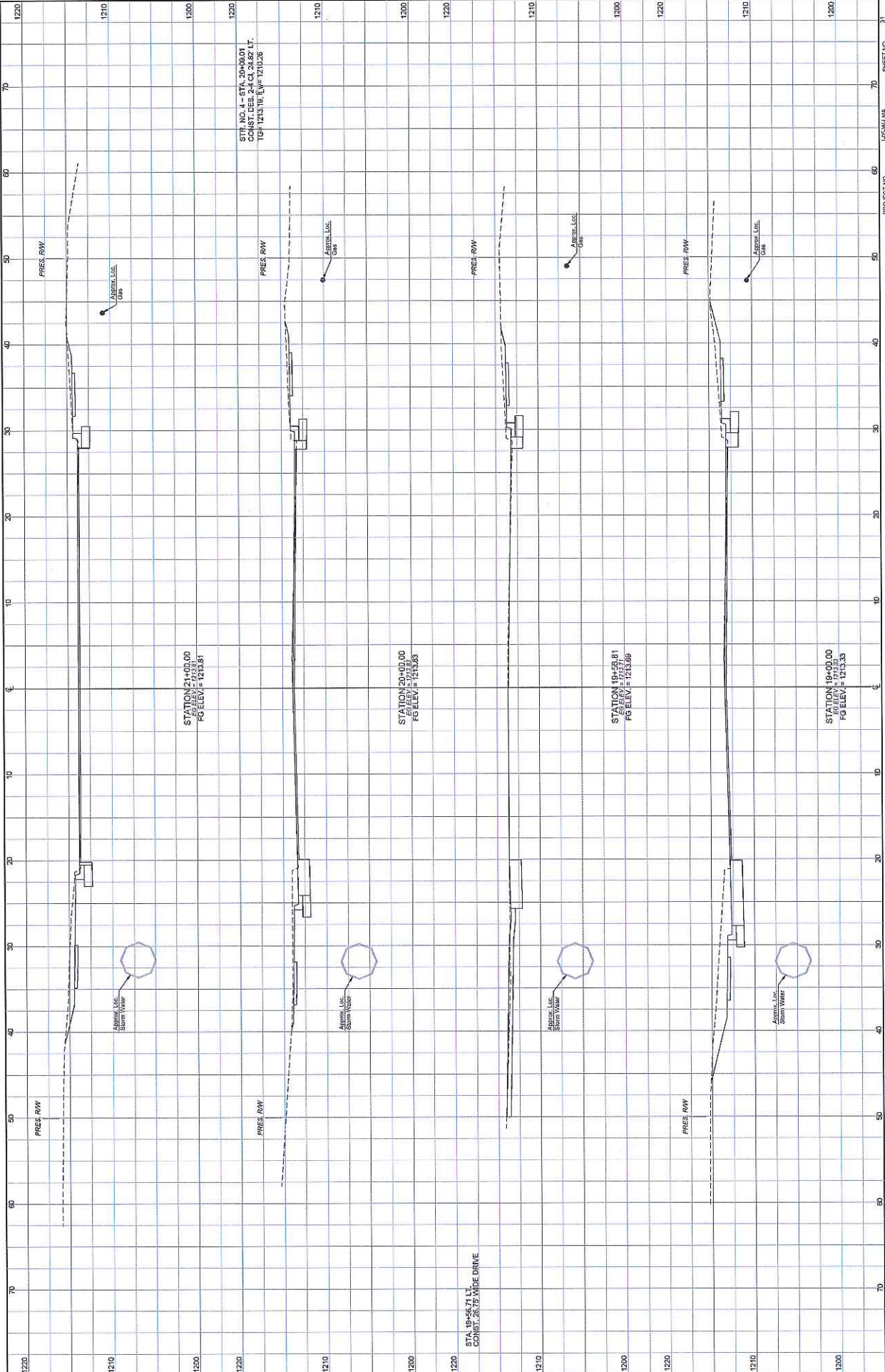
Approx. Loc. Gas



PROJECT NO. KUS-24-0000 SHEET NO. 28

TELIPHONCH ROAD WIDENING
CLAYLAND COUNTY





STN. NO. 4 - STA. 20+30.01
 CONST. DES. 24-CI 24.82' LT.
 TGF= 12.13.19, L/W= 12.10.26

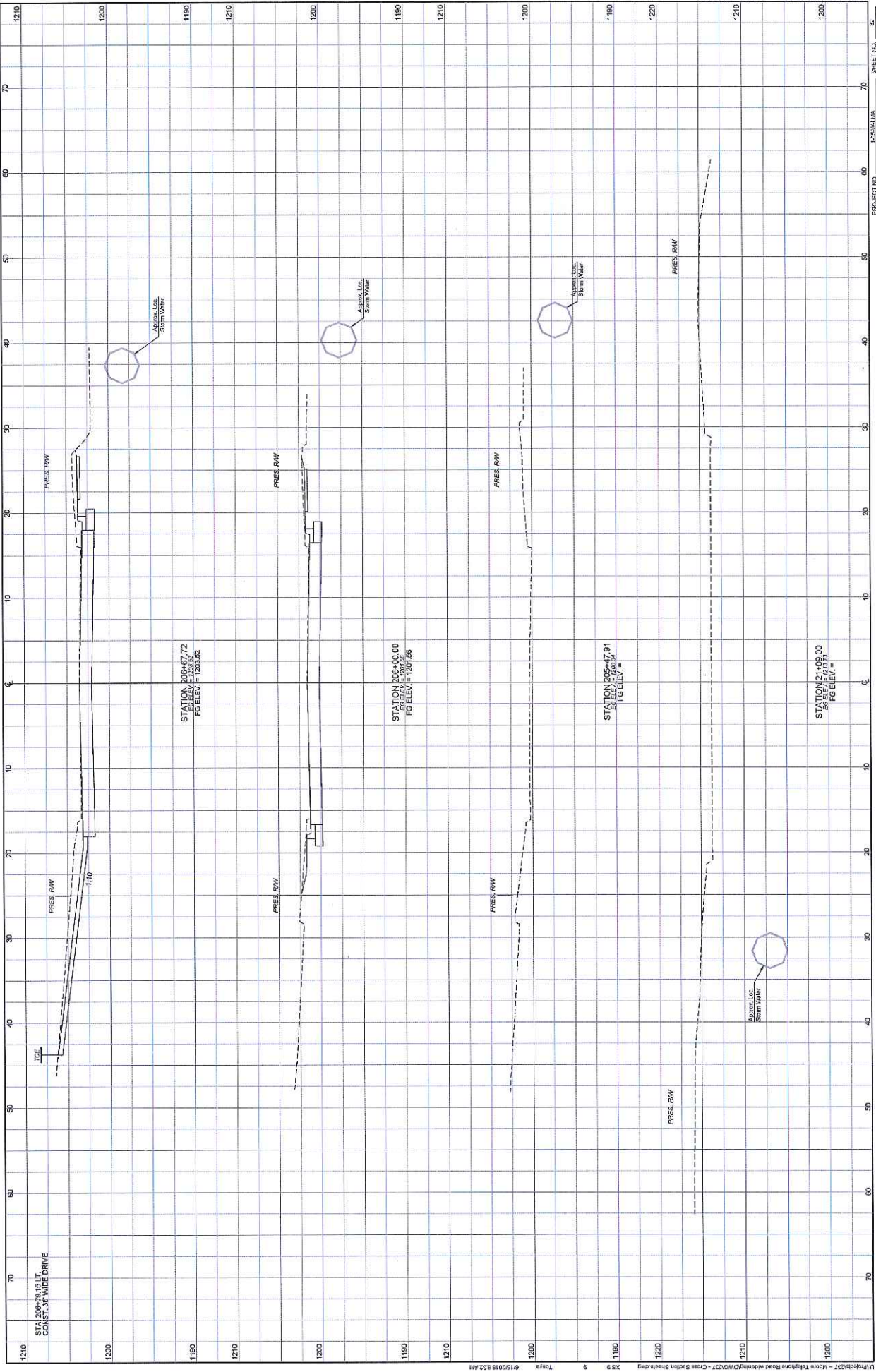
STATION 21+00.00
 FG ELEV = 1213.81

STATION 20+00.00
 FG ELEV = 1213.83

STATION 19+56.81
 FG ELEV = 1213.88

STATION 19+00.00
 FG ELEV = 1213.33

STA. 19+56.71 LI.
 CONST. 26.75' WIDE DRIVE



1210
1200
1190
1210
1200
1190
1210
1200
1190
1220
1210
1200

1210
1200
1190
1210
1200
1190
1210
1200
1190
1220
1210
1200

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

MOORE OKLAHOMA

CLEVELAND COUNTY

PROPOSED ROADWAY MILL & OVERLAY BETWEEN S.W. 13TH STREET AND S.W. 4TH STREET PROJECT NO. I-05-W-LMA

Appendix G



INDEX OF SHEETS

- TITLE SHEET
- A1: TYPICAL SECTION - PAV QUANTITIES & SUMMARIES (ROADWAY)
- A2: TYPICAL SECTION - VIDEO DETECTION PAV QUANTITY AND NOTES
- A3: TYPICAL SECTION - VIDEO DETECTION PAV QUANTITY AND NOTES
- A4: ADD-ALTERNATE #1 PLAN SHEETS
- A5: ADD-ALTERNATE #2 PLAN SHEETS
- A6: INSTALLATION OF VIDEO DETECTION TELEPHONE RD. & S.W. 11TH ST.



SCALE	
LAYOUT MAP	N/A
PLAN & PROFILE	1" = 30'
SIGNAL PLAN	1" = 30'
STRIPING PLAN	1" = 30'

CONVENTIONAL SYMBOLS

- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP
- SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- BUILDINGS
- DRAINAGE STRUCTURES - IN PLACE
- DRAINAGE STRUCTURES - NEW
- RIGHT-OF-WAY LINES - EXISTING
- RIGHT-OF-WAY LINES - NEW
- RIGHT-OF-WAY MARKERS - IN PLACE
- RIGHT-OF-WAY MARKERS - REMOVE & REPLACE
- RUSH-OF-WAY MARKERS - NEW
- CONTROLLED ACCESS
- RIGHT-OF-WAY FENCE

Cobbiness Engineering, Inc
 1100 N. W. 10th Street, Suite 200
 Norman, Oklahoma 73071
 www.cobbiness.com
 405.833.0000

DATE: **3/21/17**

SUBMITTED FOR APPROVAL BY:
Brett Moran
 BRETT MORAN
 REGISTERED PROFESSIONAL ENGINEER NO. 27739



MOORE, OKLAHOMA
 POPULATION 55,081

THE PROJECT IS ENTIRELY WITHIN THE CORPORATION LIMITS OF THE CITY OF MOORE.

PROJECT LENGTH: 2,735.75 FT. --- 0.518 MI.
 EQUATIONS: NONE
 EXCEPTIONS: NONE

CITY OF MOORE OKLAHOMA

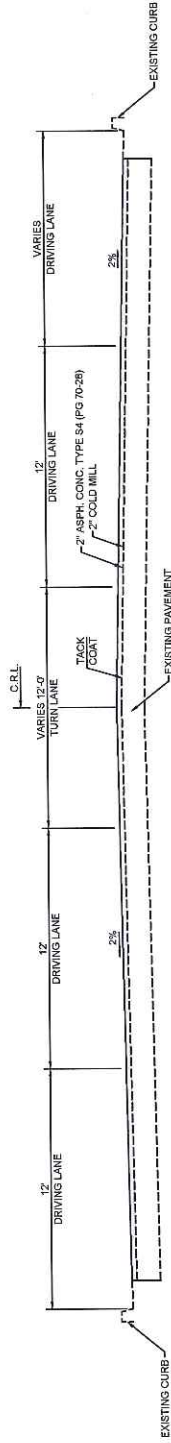
DATE APPROVED: _____

BY: _____

CITY ENGINEER

SHEET NO. A1

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.



TYPICAL SECTION NO. 1
ADD ALTERNATE #1

GENERAL CONSTRUCTION NOTES

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING SECTION LINE ROADS TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. ALL COSTS TO BE INCLUDED IN OTHER ITEMS OF WORK.

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

EXCESS ASPHALT AT JOINTS AND CRACKS IN EXISTING PAVEMENT SHALL BE REMOVED FLUSH TO TOP OF PAVING IN A MANNER APPROVED BY THE ENGINEER.

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM AT LEAST 48 HOURS PRIOR TO EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. CALL ONE: 1-888-682-6843 OR 811.

ANY ITEM NOT COVERED IN THE STANDARD SPECIFICATIONS OR IN THE SPECIAL PROVISIONS OR THE GENERAL NOTES OR SHOWN IN THE SUMMARY OF QUANTITIES SHALL BE CONSIDERED AS RECEIVED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR WHICH THE CONTRACTOR IS RESPONSIBLE, BUT SHALL NOT RECEIVE ADDITIONAL PAYMENT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL CHANGES MADE TO THE PLANS AND SHALL MARK ALL CHANGES ON A SET OF SPECIFICATIONS AS PROVIDED WITH AN ACCURACY OF 41 FOOT. MARKED CHANGES SHOULD BE IN RED PEN, CLEARLY AND LEGIBLY, AND SHALL BE APPROVED BY THE ENGINEER. FINAL PAYMENT MAY BE WITHHELD UNTIL THE PLANS HAVE BEEN MARKED AND ARE SUBMITTED TO THE ENGINEER FOR PROCESSING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL TRAFFIC CONTROL DEVICES DAMAGED, DESTROYED, OR REMOVED DURING CONSTRUCTION. TRAFFIC CONTROL DEVICES SHALL BE REPLACED WITHIN 24 HOURS OF THE OCCURRENCE OF DAMAGE. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. RELOCATE OR REPLACE ALL EXISTING WARNING AND REGULATORY SIGNS AS NECESSARY. ALL STREET NAME SIGNS ARE TO BE RELOCATED AND REINSTALLED AS NECESSARY. ALL RELOCATIONS AND INSTALLATION OR REPLACEMENT COST TO BE INCLUDED IN OTHER ITEMS.

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURBS, RAMP, AND CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES AND THE INTERIM FINAL RULES FOR PUBLIC RIGHT OF WAY PUBLISHED IN THE FEDERAL REGISTER, MONDAY JUNE 20, 1994.

PAY QUANTITY NOTES:

(R-34) PRICE BID TO INCLUDE COST OF FOG SEAL MEETING THE REQUIREMENTS OF SECTION 407 OF THE STANDARD SPECIFICATIONS.

ITEM NO.	QTY	DESCRIPTION	UNIT
313	00	TACK COAT	GAL.
301	00	ASPHALT CONCRETE TYPE E (PG 702P DK)	TON
852(A)	000	TRAFFIC STRIKE MULTICOLOR (YELLOW/BLACK) (WIDE)	L.F.
852(A)	000	TRAFFIC STRIKE MULTICOLOR (YELLOW/BLACK) (NARROW)	L.F.
855(A)	000	TRAFFIC STRIKE MULTICOLOR (WHITE/BLACK) (WIDE)	L.F.
855(A)	000	TRAFFIC STRIKE MULTICOLOR (WHITE/BLACK) (NARROW)	L.F.
855(A)	000	TRAFFIC STRIKE MULTICOLOR (WHITE/BLACK) (WIDE)	L.F.
855(A)	000	TRAFFIC STRIKE MULTICOLOR (WHITE/BLACK) (NARROW)	L.F.

TYPICAL SECTION
PAY QUANTITIES & SUMMARIES
ADD ALTERNATE #1

PROJECT NO. H5-5415A SHEET NO. 42

NO.	REVISIONS	DATE

GENERAL NOTES

- G1. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND MUST HAVE ALL UTILITIES LOCATED PRIOR TO COMMENCING ANY EXCAVATION. THE CONTRACTOR SHALL VERIFY THE DEPTH, INVERT, AND FLOWLINE ELEVATIONS OF ALL WATER LINES, SANITARY SEWERS, STORM DRAINS, DRAINAGE STRUCTURES, AND SURFACE DRAINAGE COURSES PRIOR TO LAYING ANY NEW PIPE. THE CONTRACTOR MUST CALL OKIE AT (405)946-8302 TO HAVE ALL PUBLIC UTILITIES (WATER AND SANITARY SEWER LINES) AND FRANCHISED UTILITIES (ELECTRIC LINES, TELEPHONE CABLES, AND FIBER OPTIC LINES) LOCATED AND MARKED PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR MUST CALL OKLAHOMA CITY TRAFFIC OPERATIONS AT (405) 297-2095 FOR THE MARKING OF TRAFFIC SIGNAL CONDUIT AND APPURTENANCES AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES AND STRUCTURES, WHETHER SHOWN OR NOT, BOTH PUBLIC AND PRIVATE. ANY DAMAGE TO A UTILITY LINE OR STRUCTURE BECAUSE OF THE CONTRACTOR'S ACTIONS, SHALL BE REPAIRED SOLELY AT THE CONTRACTOR'S EXPENSE TO A CONDITION AS GOOD OR BETTER THAN THAT PRIOR TO THE DAMAGE. THE CONTRACTOR MUST CALL 9-1-1 IMMEDIATELY IF A NATURAL GAS PIPELINE IS CUT, DAMAGED OR OTHERWISE DISTURBED. THE CONTRACTOR IS RESPONSIBLE FOR THE PROMPT REPLACEMENT AND/OR REPAIR OF ALL TRAFFIC CONTROL DEVICES AND APPURTENANCES DAMAGED OR DISTURBED DUE TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS THAT WILL BE IN CONFLICT WITH THE PROPOSED WORK. THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING TRAFFIC ON CROSS STREETS. A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES. THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC. THE CONTRACTOR MUST NOTIFY ALL AFFECTED CITY UTILITY CUSTOMERS AT LEAST TWO (2) WORKING DAYS PRIOR TO ANTICIPATED SERVICE INTERRUPTION. ALL WORK MUST BE CARRIED OUT CAREFULLY TO MINIMIZE CUSTOMER SERVICE INTERRUPTION DURING CONSTRUCTION. STREETS TEMPORARILY CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION SHALL BE OPEN TO LOCAL TRAFFIC TO THE MAXIMUM EXTENT POSSIBLE. ALL TRAFFIC ROUTES SHALL BE MAINTAINED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH AND ERECT ALL DETOUR SIGNAGE AS DIRECTED. ALL CONSTRUCTION MATERIALS AND WORK SHALL CONFORM TO THE APPLICABLE CITY OF OKLAHOMA CITY AND THE 2008 OKLAHOMA DEPARTMENT OF TRANSPORTATION (DOT) STANDARDS AND SPECIFICATIONS, AS REFERENCED IN THE PROJECT DOCUMENTS. ALL ELEVATIONS SHOWN ARE ON THE MEAN SEA LEVEL (M.S.L.) DATUM. ALL DIMENSIONS TO CURB ARE TO THE BACK OF CURB. ALL DIMENSIONS TO STREET "CENTERLINES" ARE TO THE CENTERLINE OF THE RIGHT-OF-WAY OR SECTION LINE. THE CONTRACTOR SHALL DEVELOP AND MAKE ALL DETAILED SURVEYS NEEDED FOR CONSTRUCTION. THE COST OF THE CONSTRUCTION SURVEY AND STAKING SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK. ALL FENCES REMOVED AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE REPLACED IN KIND WITH FENCING EQUAL TO OR BETTER THAN THE ORIGINAL FENCE. ALL COSTS FOR FENCE REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK. ALL WORK NOT CLASSIFIED AS A CONTRACT PAY ITEM SHALL BE CONSIDERED INCIDENTAL CONSTRUCTION. THE COST FOR SUCH WORK SHALL BE INCLUDED IN PRICE BID FOR OTHER ITEMS. ALL DISTURBED, UNPAVED AREAS WITHIN THE PROJECT LIMITS OR EASEMENTS AND RIGHT-OF-WAY SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION WITHIN THE CITY OF OKLAHOMA CITY. STANDARD SPECIFICATIONS SECTION 841 "SOODING AND SPRIGGING" AS REQUIRED UNDER THE "SOLID SLAB SOD" PAY ITEM AS PROVIDED FOR ON THE PLANS. SODDED AREAS SHALL BE REPAIRED AND MAINTAINED UNTIL ALL PORTIONS OF THE PROJECT ARE COMPLETE AND APPROVED FOR FINAL ACCEPTANCE. ALL OTHER AREAS DISTURBED AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE RESTORED IN A MANNER ACCEPTABLE TO THE OWNER TO A CONDITION AS GOOD OR BETTER THAN THAT PRIOR TO THE DISTURBANCE AT NO EXPENSE TO THE OWNER. SYMBOLS AND LEGENDS ARE DIAGRAMMATIC ONLY AND LOCATIONS SHALL BE ADJUSTED FOR EXISTING FIELD CONDITIONS, BUT NO MAJOR ALTERATIONS OR RELOCATIONS WILL BE MADE WITHOUT FIRST CONSULTING WITH THE CITY OF MOORE AT (405) 793-5200. THE CONTRACTOR SHALL COVER NEW SIGNAL HEADS WITH TRAFFIC SIGNAL AND SIGNAL COVER CONCEPTS MODEL 3VLC COVERS OR APPROVED EQUAL WHEN SIGNAL HEADS HAVE BEEN INSTALLED ON WAST ARMS. SIGNAL HEADS ARE TO REMAIN COVERED UNTIL TRAFFIC SIGNALS HAVE BEEN TURNED ON. REMOVED COVERS TO BECOME THE PROPERTY OF THE CITY OF OKLAHOMA CITY. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

ADD ALTERNATE #1 PAY QUANTITIES

Telephone Rd. & S.W. 11th Street - Moons, OK

ITEM NO.	SECTION	DESCRIPTION	UNIT	QUANTITY
711-01	711	VIDEO DETECTION SYSTEM (SP)	(3) LSUM	1.0

GENERAL INTENT NOTES

- 1. THE PLANS AND REFERENCED CONSTRUCTION SPECIFICATIONS DESCRIBE THE WORK CONTEMPLATED AND IDENTIFY THE WORK TO BE DONE AND THE MATERIALS NECESSARY FOR CONSTRUCTION. THESE PLANS ARE INTENDED TO BE FULLY EXPLANATORY. THE PLAN SPECIFICATIONS AND NOTES SHOWN INDICATED OR SPECIFIED IN ONE AND NOT THE OTHER, SHALL BE INTERPRETED AS BEING SHOWN, INDICATED OR SPECIFIED IN BOTH. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED INCIDENTAL AND INCLUDED AS AN ORDINARY PART OF THE WORK. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK CAN BE MADE OR WILL BE PERMITTED BY THE OWNER WITHOUT THE ISSUANCE OF A CHANGE ORDER. NO PLEA OF IGNORANCE OF EXISTING CONDITIONS OR OF DIFFICULTIES OR CONDITIONS ENCOUNTERED IN THE EXECUTION OF THE WORK SHALL BE A DEFENSE FOR FAILURE TO COMPLY WITH THE REQUIREMENTS IN THE CONTRACT DOCUMENTS GOVERNING THE WORK.

ADD ALTERNATE #1 PAY ITEM NOTES

- (9) THIS PROJECT INVOLVES THE INSTALLATION OF VIDEO DETECTION SYSTEM. THEREFORE, THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
 - A. A PEAK VIDEO TRACK, ITEMS, OR ECONOLINE AUTOSCOPE SOLO TERRA 8 CHANNEL PROCESSOR (OR APPROVED EQUAL) VEHICLE DETECTION SYSTEM INCLUDING APPROPRIATE COMPUTER SOFTWARE, NECESSARY TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AT ONE (1) INTERSECTION. MINIMUM SPECIFICATIONS FOR THE COMPUTER SYSTEM - INTEL 4TH GENERATION CORE I7 2.93GHZ PROCESSOR, 16 GB RAM, 1 TB HARD DRIVE, DIGITAL MEDIA READER AND USB 2.0 PORTS.
 - ANY "APPROVED EQUAL" SHALL BE APPROVED BY THE CITY OF MOORE. SUCH A SYSTEM SHALL BE CONSIDERED EXPERIMENTAL UNTIL A 12 MONTH TEST PERIOD HAS PROVEN THAT THE SYSTEM CAN OPERATE SUCCESSFULLY WITH NO PROBLEMS. AT THE END OF THE 12 MONTH TEST PERIOD THE CITY WILL NEED TO SIGN OFF THAT THE SYSTEM HAS OPERATED SUCCESSFULLY AND IS THEREBY APPROVE.
 - B. THREE (3) CAMERAS WITH ZOOM LENS CAPABILITY.
 - C. VIDEO POWER CABLE SHALL BE AS PER THE MANUFACTURER SPECIFICATIONS.
 - D. VIDEO COAXIAL CABLE SHALL BE LOW LOSS PRECISION CABLE SUITED FOR OUTDOOR APPLICATION. VIDEO CABLE SHALL BE BELDON 8281, WEST PENN P 806, OR APPROVED EQUAL.
 - E. ONE DAY OF TRAINING FOR CITY PERSONNEL IN THE USE AND MAINTENANCE OF THE SYSTEM SHALL BE PROVIDED BY A MANUFACTURER'S REPRESENTATIVE. DOCUMENTATION OF THE TRAINING PROVIDED SHALL BE PROVIDED FOR THE ENGINEER.

ADD ALTERNATE #1

Project No. 1-05-#1-144
SHEET No. 43
CLEVELAND COUNTY

**INSTALLATION OF VIDEO DETECTION
PAY QUANTITIES AND NOTES**

DATE: 07/31/17
DRAWN BY: SB
CHECKED BY: SB
DATE: 07/31/17



TEC
CONSULTING



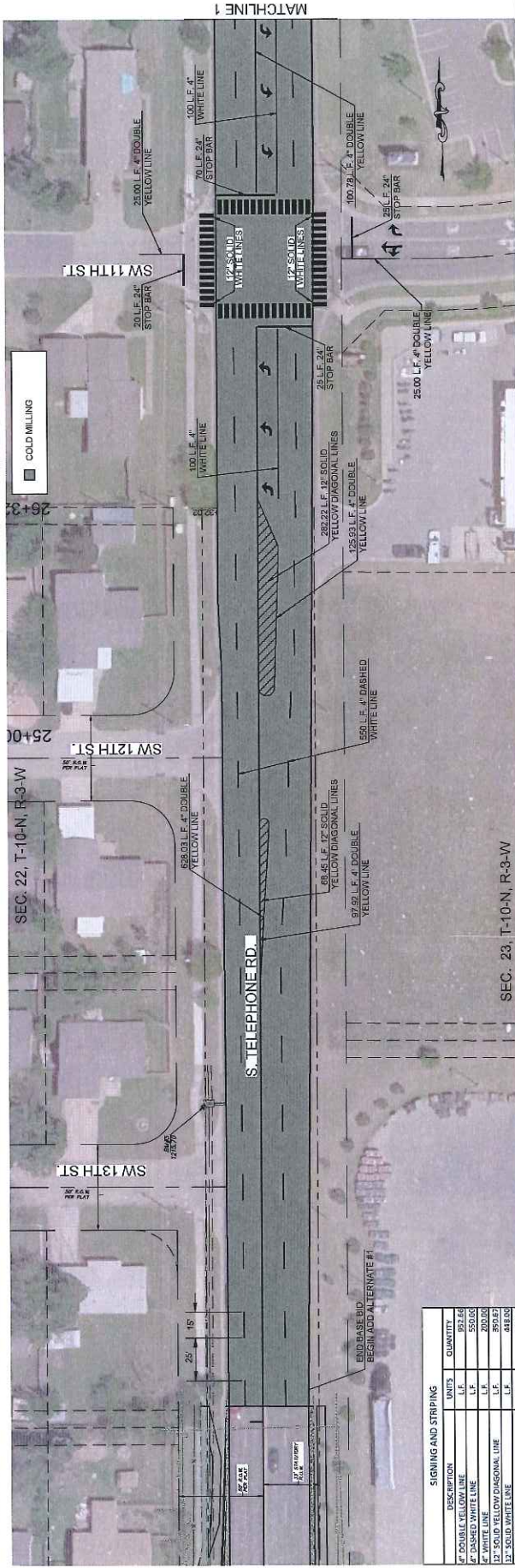
Michael S. McFarland
P.E. # 23310
C.E. # 1160, RENEWAL 06-30-17

DATE: 06-21-17

TRAFFIC ENGINEER
800 S. Warren, Suite 204 • Oklahoma City, OK 73109
PH: 405-232-3721, Fax: 405-232-8641, Web: www.mscok.com

ADD ALTERNATE #1
PLAN SHEET

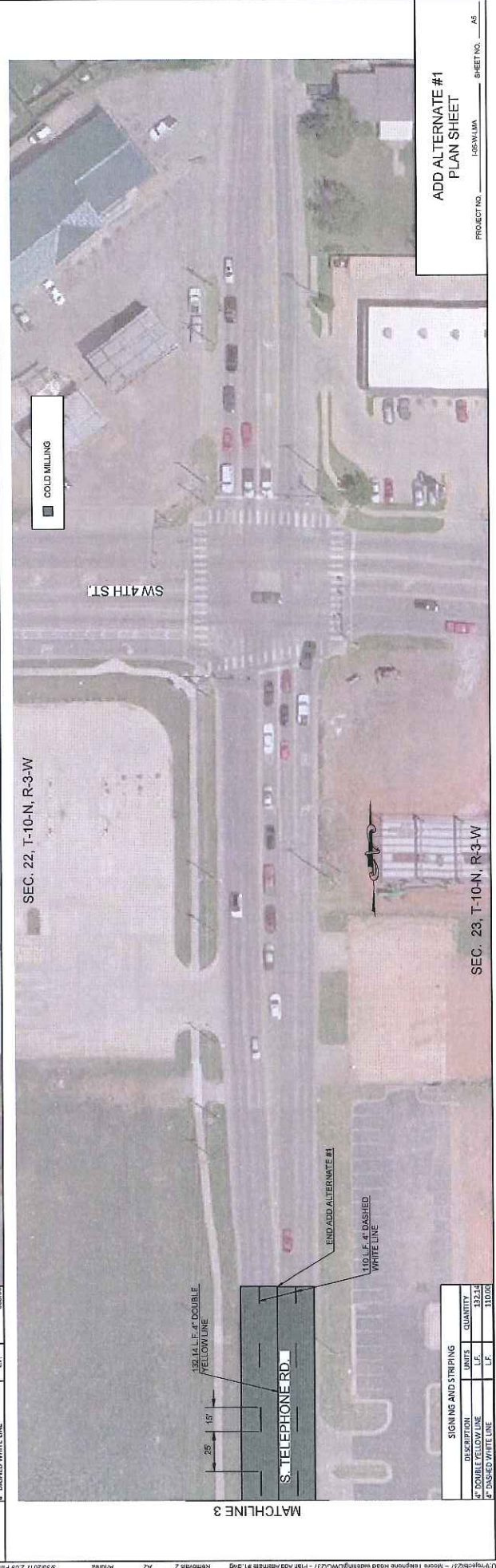
PROJECT NO. I 05-WLMA SHEETING 44



DESCRIPTION	UNITS	QUANTITY
1" DOUBLE YELLOW LINE	L.F.	550.00
1" SOLID YELLOW LINE	L.F.	550.00
1" SOLID WHITE LINE	L.F.	200.00
12" SOLID YELLOW DIAGONAL LINE	L.F.	350.00
12" SOLID WHITE LINE	L.F.	48.00
24" STOP BAR	L.F.	150.00



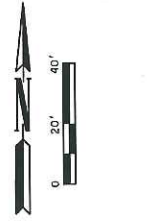
DESCRIPTION	UNITS	QUANTITY
1" DOUBLE YELLOW LINE	L.F.	480.00
1" SOLID YELLOW LINE	L.F.	480.00
12" SOLID YELLOW DIAGONAL LINE	L.F.	385.17



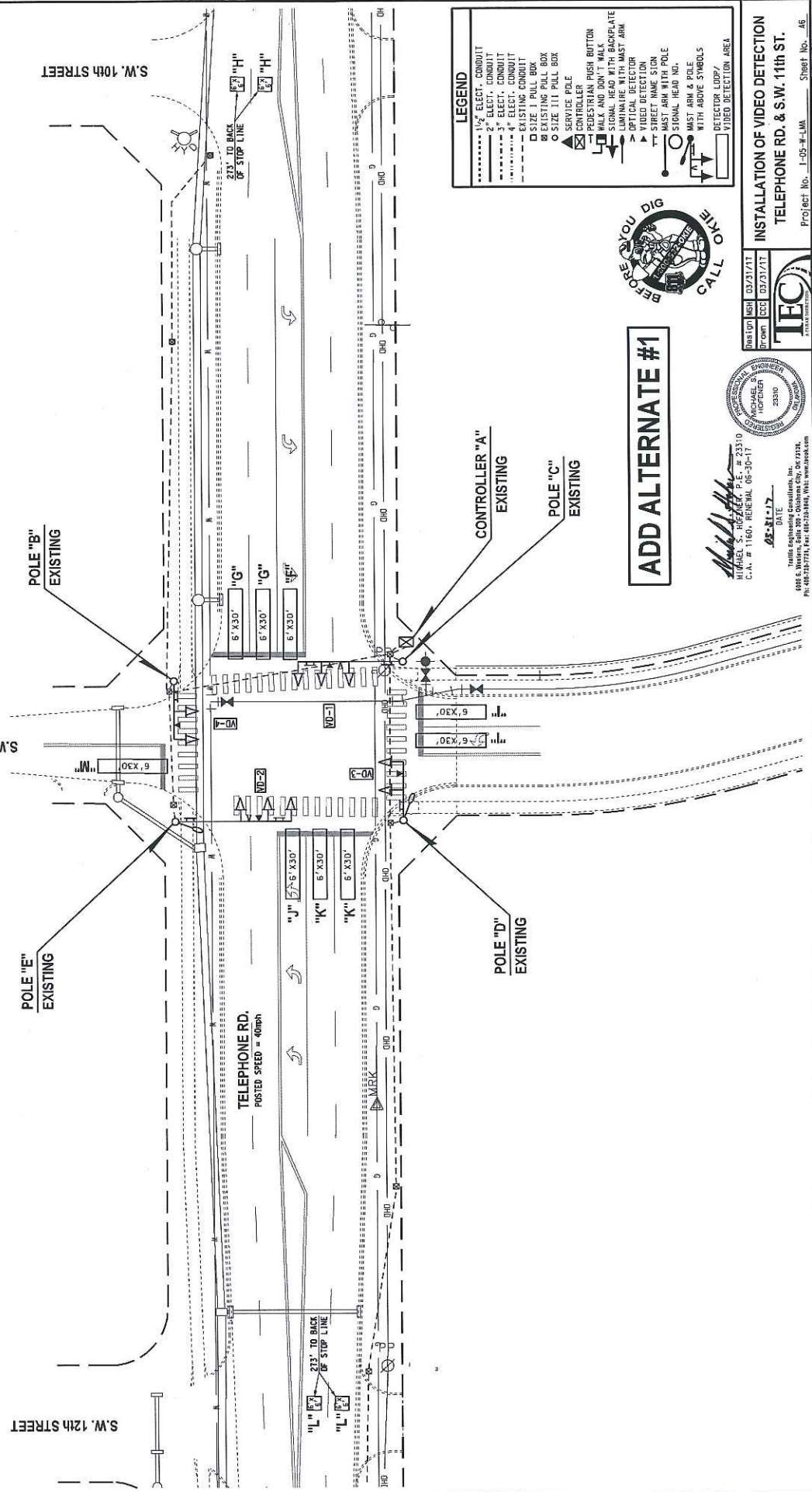
ADD ALTERNATE #1
PLAN SHEET

PROJECT NO. US-W/LMA
SHEET NO. AS

NO.	REVISIONS	DATE
	DESCRIPTION <td> </td>	



USE EXISTING SIGNAL PHASING



LEGEND

- 1 1/2" ELECT. CONDUIT
- 2" ELECT. CONDUIT
- 3" ELECT. CONDUIT
- 4" ELECT. CONDUIT
- EXISTING CONDUIT
- EXISTING PULL BOX
- EXISTING 111 PULL BOX
- SERVICE POLE
- POST-INSTALL PUSH BUTTON
- POST-INSTALL WALK AND DON'T WALK SIGNAL HEAD WITH BACKPLATE
- LUMINAIRE WITH MAST ARM
- VIDEO DETECTOR
- VIDEO DETECTOR WITH MAST ARM
- SIGNAL HEAD NO. WITH ABOVE SYMBOLS
- DETECTOR LAMP
- VIDEO DETECTION AREA



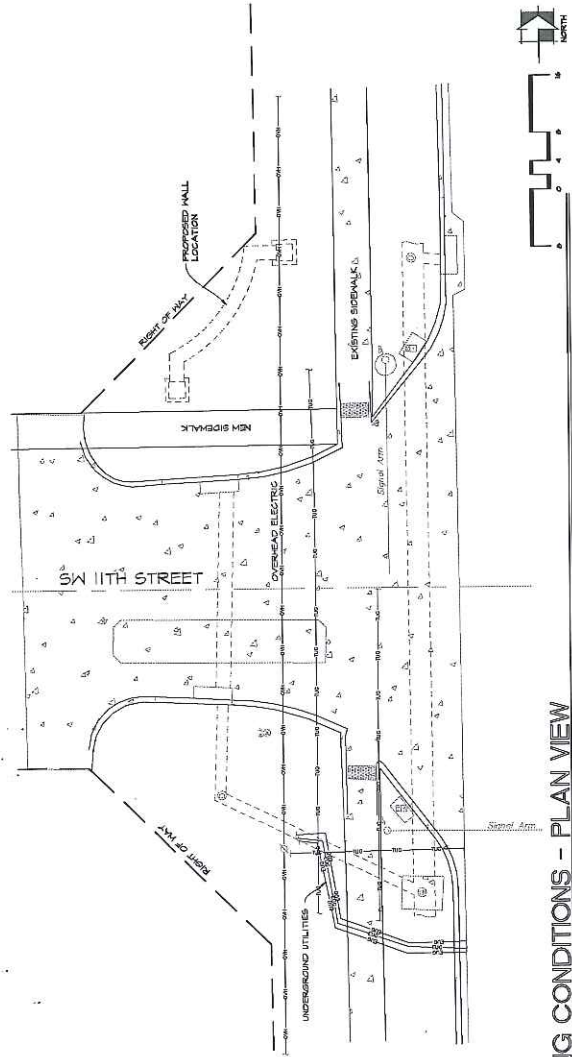
ADD ALTERNATE #1

DATE: 02-21-17
 PROJECT NO.: 1-05-#-LHM
 SHEET NO.: A6
 CLEVELAND COUNTY

TEC
 TRANSPORTATION ENGINEERING CONSULTANTS

Professional Engineer
 MICHAEL S. WELLS, No. 23310
 C.A. # 1160, RENEWAL 05-30-17

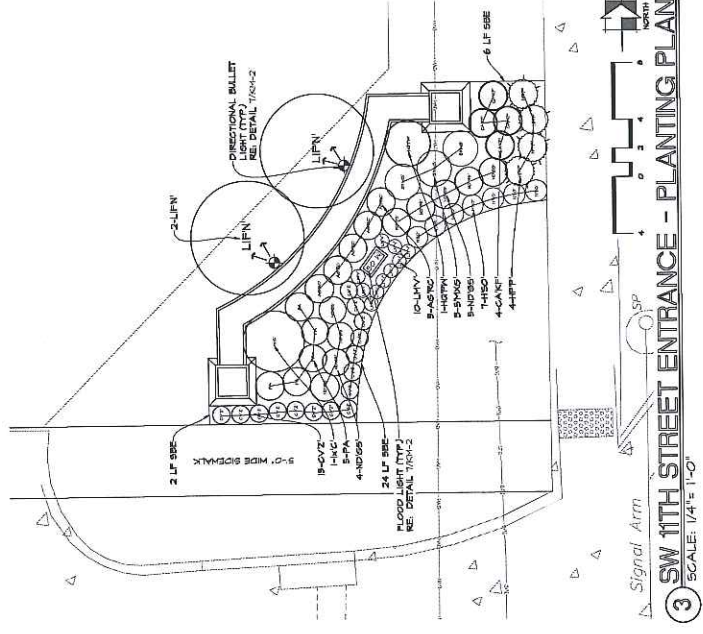
4000 S. Williams, Suite 200 • Columbus, OH 43232
 Ph: 614-732-7774, Fax: 614-732-8844, Web: www.tecinc.com



1 EXISTING CONDITIONS - PLAN VIEW
SCALE: 1/8" = 1'-0"

LANDSCAPE MATERIAL LIST

KEY	QTY	MATERIAL NAME	SIZE/DEPTH	TYPE
AS-1P	3	Aspen	3 1/2" x 4"	S
AS-2P	3	Aspen	3 1/2" x 4"	S
AS-3P	3	Aspen	3 1/2" x 4"	S
CO-1P	3	Cornus	3 1/2" x 4"	S
CO-2P	3	Cornus	3 1/2" x 4"	S
CO-3P	3	Cornus	3 1/2" x 4"	S
FR-1P	3	Fragaria	3 1/2" x 4"	S
FR-2P	3	Fragaria	3 1/2" x 4"	S
FR-3P	3	Fragaria	3 1/2" x 4"	S
FR-4P	3	Fragaria	3 1/2" x 4"	S
FR-5P	3	Fragaria	3 1/2" x 4"	S
FR-6P	3	Fragaria	3 1/2" x 4"	S
FR-7P	3	Fragaria	3 1/2" x 4"	S
FR-8P	3	Fragaria	3 1/2" x 4"	S
FR-9P	3	Fragaria	3 1/2" x 4"	S
FR-10P	3	Fragaria	3 1/2" x 4"	S
FR-11P	3	Fragaria	3 1/2" x 4"	S
FR-12P	3	Fragaria	3 1/2" x 4"	S
FR-13P	3	Fragaria	3 1/2" x 4"	S
FR-14P	3	Fragaria	3 1/2" x 4"	S
FR-15P	3	Fragaria	3 1/2" x 4"	S
FR-16P	3	Fragaria	3 1/2" x 4"	S
FR-17P	3	Fragaria	3 1/2" x 4"	S
FR-18P	3	Fragaria	3 1/2" x 4"	S
FR-19P	3	Fragaria	3 1/2" x 4"	S
FR-20P	3	Fragaria	3 1/2" x 4"	S
FR-21P	3	Fragaria	3 1/2" x 4"	S
FR-22P	3	Fragaria	3 1/2" x 4"	S
FR-23P	3	Fragaria	3 1/2" x 4"	S
FR-24P	3	Fragaria	3 1/2" x 4"	S
FR-25P	3	Fragaria	3 1/2" x 4"	S
FR-26P	3	Fragaria	3 1/2" x 4"	S
FR-27P	3	Fragaria	3 1/2" x 4"	S
FR-28P	3	Fragaria	3 1/2" x 4"	S
FR-29P	3	Fragaria	3 1/2" x 4"	S
FR-30P	3	Fragaria	3 1/2" x 4"	S
FR-31P	3	Fragaria	3 1/2" x 4"	S
FR-32P	3	Fragaria	3 1/2" x 4"	S
FR-33P	3	Fragaria	3 1/2" x 4"	S
FR-34P	3	Fragaria	3 1/2" x 4"	S
FR-35P	3	Fragaria	3 1/2" x 4"	S
FR-36P	3	Fragaria	3 1/2" x 4"	S
FR-37P	3	Fragaria	3 1/2" x 4"	S
FR-38P	3	Fragaria	3 1/2" x 4"	S
FR-39P	3	Fragaria	3 1/2" x 4"	S
FR-40P	3	Fragaria	3 1/2" x 4"	S
FR-41P	3	Fragaria	3 1/2" x 4"	S
FR-42P	3	Fragaria	3 1/2" x 4"	S
FR-43P	3	Fragaria	3 1/2" x 4"	S
FR-44P	3	Fragaria	3 1/2" x 4"	S
FR-45P	3	Fragaria	3 1/2" x 4"	S
FR-46P	3	Fragaria	3 1/2" x 4"	S
FR-47P	3	Fragaria	3 1/2" x 4"	S
FR-48P	3	Fragaria	3 1/2" x 4"	S
FR-49P	3	Fragaria	3 1/2" x 4"	S
FR-50P	3	Fragaria	3 1/2" x 4"	S
FR-51P	3	Fragaria	3 1/2" x 4"	S
FR-52P	3	Fragaria	3 1/2" x 4"	S
FR-53P	3	Fragaria	3 1/2" x 4"	S
FR-54P	3	Fragaria	3 1/2" x 4"	S
FR-55P	3	Fragaria	3 1/2" x 4"	S
FR-56P	3	Fragaria	3 1/2" x 4"	S
FR-57P	3	Fragaria	3 1/2" x 4"	S
FR-58P	3	Fragaria	3 1/2" x 4"	S
FR-59P	3	Fragaria	3 1/2" x 4"	S
FR-60P	3	Fragaria	3 1/2" x 4"	S
FR-61P	3	Fragaria	3 1/2" x 4"	S
FR-62P	3	Fragaria	3 1/2" x 4"	S
FR-63P	3	Fragaria	3 1/2" x 4"	S
FR-64P	3	Fragaria	3 1/2" x 4"	S
FR-65P	3	Fragaria	3 1/2" x 4"	S
FR-66P	3	Fragaria	3 1/2" x 4"	S
FR-67P	3	Fragaria	3 1/2" x 4"	S
FR-68P	3	Fragaria	3 1/2" x 4"	S
FR-69P	3	Fragaria	3 1/2" x 4"	S
FR-70P	3	Fragaria	3 1/2" x 4"	S
FR-71P	3	Fragaria	3 1/2" x 4"	S
FR-72P	3	Fragaria	3 1/2" x 4"	S
FR-73P	3	Fragaria	3 1/2" x 4"	S
FR-74P	3	Fragaria	3 1/2" x 4"	S
FR-75P	3	Fragaria	3 1/2" x 4"	S
FR-76P	3	Fragaria	3 1/2" x 4"	S
FR-77P	3	Fragaria	3 1/2" x 4"	S
FR-78P	3	Fragaria	3 1/2" x 4"	S
FR-79P	3	Fragaria	3 1/2" x 4"	S
FR-80P	3	Fragaria	3 1/2" x 4"	S
FR-81P	3	Fragaria	3 1/2" x 4"	S
FR-82P	3	Fragaria	3 1/2" x 4"	S
FR-83P	3	Fragaria	3 1/2" x 4"	S
FR-84P	3	Fragaria	3 1/2" x 4"	S
FR-85P	3	Fragaria	3 1/2" x 4"	S
FR-86P	3	Fragaria	3 1/2" x 4"	S
FR-87P	3	Fragaria	3 1/2" x 4"	S
FR-88P	3	Fragaria	3 1/2" x 4"	S
FR-89P	3	Fragaria	3 1/2" x 4"	S
FR-90P	3	Fragaria	3 1/2" x 4"	S
FR-91P	3	Fragaria	3 1/2" x 4"	S
FR-92P	3	Fragaria	3 1/2" x 4"	S
FR-93P	3	Fragaria	3 1/2" x 4"	S
FR-94P	3	Fragaria	3 1/2" x 4"	S
FR-95P	3	Fragaria	3 1/2" x 4"	S
FR-96P	3	Fragaria	3 1/2" x 4"	S
FR-97P	3	Fragaria	3 1/2" x 4"	S
FR-98P	3	Fragaria	3 1/2" x 4"	S
FR-99P	3	Fragaria	3 1/2" x 4"	S
FR-100P	3	Fragaria	3 1/2" x 4"	S



2 SW 11TH STREET ENTRANCE - PLANTING PLAN
SCALE: 1/4" = 1'-0"

Appendix H

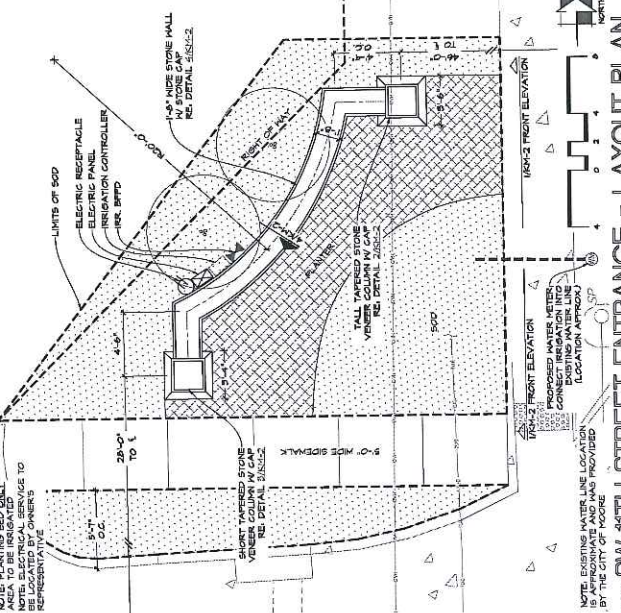
GENERAL NOTES

1. REFER TO LAYOUT PLAN FOR LOCATION OF ALL WALLS AND COLUMNS.
2. THE ALL GROUND AND HALL FOOTINGS.
3. FINISH GRADES TO BE A MINIMUM OF 2" ABOVE TOP OF FOOTINGS.
4. FOR INCLUSIVE VENTURE OVER TRUNKS ON GULL CONTRACTOR TO INSTALL MASONRY WALL TIES ON ALL WALLS 18" O.C. FOR STONE MASONRY AND 24" O.C. FOR BRICK MASONRY. (TYPICAL)
5. CONTRACTOR TO PROVIDE PROTECTIVE CURBS AND SLOTTED CURBS TO BE INSTALLED AT ALL EXTERIOR WALLS AND INTERIOR WALLS TO PROTECT THE WALLS AND INTERIORS.
6. CONTRACTOR TO PROVIDE PROTECTIVE CURBS AND SLOTTED CURBS TO BE INSTALLED AT ALL EXTERIOR WALLS AND INTERIOR WALLS TO PROTECT THE WALLS AND INTERIORS.
7. HATCHED DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS.
8. UNLESS OTHERWISE NOTED IN BACKGROUND, FINISH ACCORDING TO INVENTORY DRAWINGS WITH DIMENSIONS AND FINISHES TO BE AS SHOWN. FINISHES TO BE AS SHOWN UNLESS OTHERWISE NOTED. FINISHES TO BE AS SHOWN UNLESS OTHERWISE NOTED.
9. CONTRACTOR TO PROVIDE OWNER A 3" x 4" MASONRY SAMPLE WITH STONE, BRICK, AND MORTAR FOR OWNER APPROVAL.
10. CONTRACTOR TO PROVIDE OWNER A 3" x 4" MASONRY SAMPLE WITH STONE, BRICK, AND MORTAR FOR OWNER APPROVAL.
11. CONTRACTOR TO PROVIDE OWNER A 3" x 4" MASONRY SAMPLE WITH STONE, BRICK, AND MORTAR FOR OWNER APPROVAL.
12. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO WORK COMMENCEMENT.
13. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO WORK COMMENCEMENT.
14. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO WORK COMMENCEMENT.

LIGHTING NOTES

1. CONTRACTOR TO PROVIDE ALL NECESSARY PARTS OF NEW ELECTRICAL SYSTEMS TO MATCH EXISTING SYSTEMS.
2. ELECTRICAL CONTRACTOR TO BE FULLY RESPONSIBLE FOR ALL PROJECT PERMITS WITH THE SCOPE OF THIS CONTRACT.
3. ELECTRICAL CONTRACTOR TO BE FULLY RESPONSIBLE FOR VERIFYING ALL CITY ELECTRICAL CODES.
4. FINAL LOCATION OF LIGHTING LAYOUT TO BE APPROVED BY OWNER'S REPRESENTATIVE.
5. ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL PANEL, TRANSFORMER, METER, TRIP CONTROL PANEL, AND OTHER ELECTRICAL EQUIPMENT REQUIRED AS SHOWN IN THE PLANS.
6. CONTRACTOR TO PROVIDE ALL NECESSARY PARTS FOR THE FOLLOWING: ONE (1) FOR EACH LIGHT FIXTURE AND ONE (1) FOR EACH ELECTRICAL PANEL.
7. ELECTRICAL CONTRACTOR TO PROVIDE PANEL AND METER CAN WITH TWO DOWNER.
8. PROJECT SIGN LIGHTING ON BY PROTOCOL AND OFF BY THE CLOCK.
9. NO SUBSTITUTIONS OR EXCEPTIONS UNLESS APPROVED BY LANDSCAPE ARCHITECT.

NOTE: EXISTING MATERIAL LINE LOCATION AND DIMENSIONS TO BE FIELD VERIFIED AND MAY DIFFER FROM LAYOUT.



3 SW 11TH STREET ENTRANCE - LAYOUT PLAN
SCALE: 1/4" = 1'-0"

SODDING NOTES

1. CONTRACTOR TO PROVIDE ALL NECESSARY PARTS OF NEW ELECTRICAL SYSTEMS TO MATCH EXISTING SYSTEMS.
2. ELECTRICAL CONTRACTOR TO BE FULLY RESPONSIBLE FOR ALL PROJECT PERMITS WITH THE SCOPE OF THIS CONTRACT.
3. ELECTRICAL CONTRACTOR TO BE FULLY RESPONSIBLE FOR VERIFYING ALL CITY ELECTRICAL CODES.
4. FINAL LOCATION OF LIGHTING LAYOUT TO BE APPROVED BY OWNER'S REPRESENTATIVE.
5. ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL PANEL, TRANSFORMER, METER, TRIP CONTROL PANEL, AND OTHER ELECTRICAL EQUIPMENT REQUIRED AS SHOWN IN THE PLANS.
6. CONTRACTOR TO PROVIDE ALL NECESSARY PARTS FOR THE FOLLOWING: ONE (1) FOR EACH LIGHT FIXTURE AND ONE (1) FOR EACH ELECTRICAL PANEL.
7. ELECTRICAL CONTRACTOR TO PROVIDE PANEL AND METER CAN WITH TWO DOWNER.
8. PROJECT SIGN LIGHTING ON BY PROTOCOL AND OFF BY THE CLOCK.
9. NO SUBSTITUTIONS OR EXCEPTIONS UNLESS APPROVED BY LANDSCAPE ARCHITECT.



PROJECT INFORMATION

PROJECT ADDRESS:
BY THE CITY TELEPHONE NO.

PROJECT NO. 04.2016
DATE 04.2016
DRAWN BY CC
CHECKED BY GE

KINGS MANOR
MOORE, OK

REVISIONS

NO. DESCRIPTION
DATE REVISION
1 04.2016

ENTRY ELEVATION & CONSTRUCTION DETAILS

KM-2

PRODUCT INFO

STONE VENEER
-COLOR CANONIAN
-FULL CUB DEFINITION
-CONCRETE BACKING
-24" NORTH COUNCIL
-OKLAHOMA CITY, OK 73121
-MOORE, OK 73040
-WEB SITE: www.pdgarchitects.com

REINFORCING LAP SCHEDULE

BAR SIZE	CONCRETE OTHER	TOP	CMU
14	24"	24"	24"
16	24"	24"	24"
18	48"	24"	24"
20	48"	24"	24"

NOTES

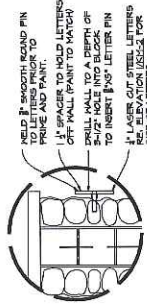
1) REINFORCEMENTS ARE BASED ON A SOIL BEARING VALUE OF 3000 POUNDS PER SQUARE FOOT (PSF). PDG HAS NOT PROVIDED A SOIL REPORT FOR THIS PROJECT. CONFIRMATIVE STRENGTH TO BE 3000 PSF (MIN) AT THE END OF 28 DAYS.

2) REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL CITY OF MOORE LATEST REVISIONS.

3) PROVIDE CORNER BARS FOR ALL CONTIGUOUS HORIZONTAL MASONRY WALLS.

4) PROVIDE CORNER BARS FOR ALL CONTIGUOUS HORIZONTAL MASONRY WALLS.

5) MASONRY - PROVIDE CONTROL JOINTS @ 20'-0" O.C. (MAX) IN EXTERIOR MASONRY WALLS.



NOTE:

1. PAINT 1" THICK PLATE STEEL LETTERING BLACK.

2. PAINT 1/4" 2 PART EPOXY PRIMER AS PER MANUFACTURER'S RECOMMENDATIONS.

3. MAKE PLATED TEMPLATE FOR ALIGNMENT OF LETTERING.

4. DRAFT ALL WORK FOR LOCAL LETTERING TO BE PROVIDED BY LANDSCAPE ARCHITECT.

5 SIGN MOUNTING - DETAIL
NOT TO SCALE



DUTY OF COOPERATION

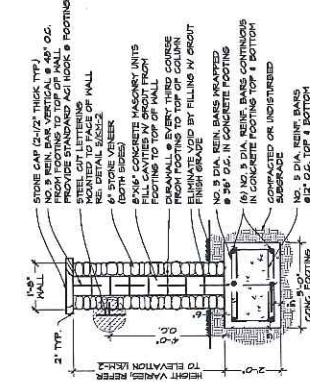
THE CITY OF MOORE, OKLAHOMA, HAS A POLICY OF ENCOURAGING AND SUPPORTING THE PRIVATE SECTOR IN THE DEVELOPMENT AND MAINTENANCE OF PUBLIC INFRASTRUCTURE. THIS POLICY IS BASED ON THE PRINCIPLE OF COOPERATION BETWEEN THE PUBLIC AND PRIVATE SECTORS. THE CITY OF MOORE WILL WORK WITH THE PRIVATE SECTOR TO IDENTIFY OPPORTUNITIES FOR COOPERATION AND TO DEVELOP AGREEMENTS THAT BENEFIT BOTH PARTIES.

COOPERATION NOTICE

THE CITY OF MOORE, OKLAHOMA, IS A PARTICIPATING COMMUNITY IN THE OKLAHOMA STATE INFRASTRUCTURE COOPERATION PROGRAM. THIS PROGRAM IS A PARTNERSHIP BETWEEN THE CITY OF MOORE AND THE OKLAHOMA STATE DEPARTMENT OF TRANSPORTATION. THE PROGRAM IS DESIGNED TO ENCOURAGE AND SUPPORT THE PRIVATE SECTOR IN THE DEVELOPMENT AND MAINTENANCE OF PUBLIC INFRASTRUCTURE.

BASE INFORMATION

THIS PROJECT IS BASED ON THE CITY OF MOORE, OKLAHOMA, STANDARD SPECIFICATIONS FOR CONSTRUCTION. THE CITY OF MOORE, OKLAHOMA, STANDARD SPECIFICATIONS FOR CONSTRUCTION ARE AVAILABLE AT THE CITY OF MOORE, OKLAHOMA, OFFICE OF THE CITY ENGINEER.

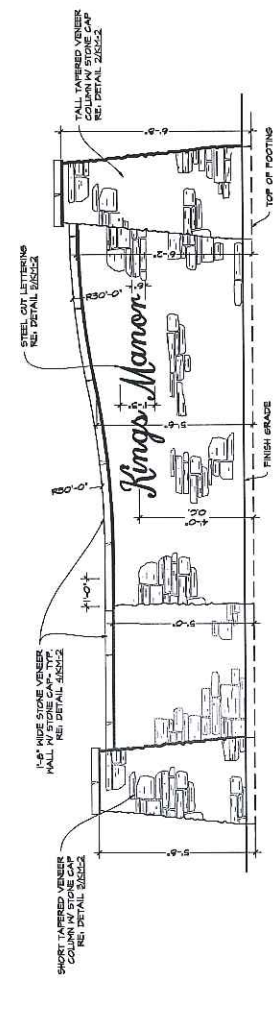


1'-8" WIDE STONE VENEER WALL
NOT TO SCALE

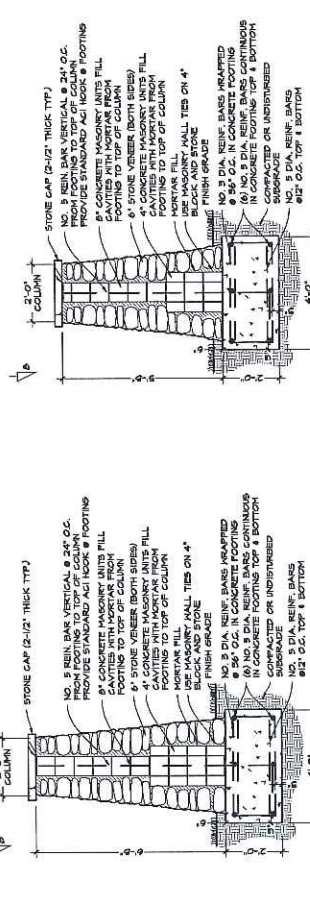
4 W/ STONE CAP - SECTION
NOT TO SCALE

3 SHORT TAPERED VENEER COLUMN
SCALE: 1/2" = 1'-0"

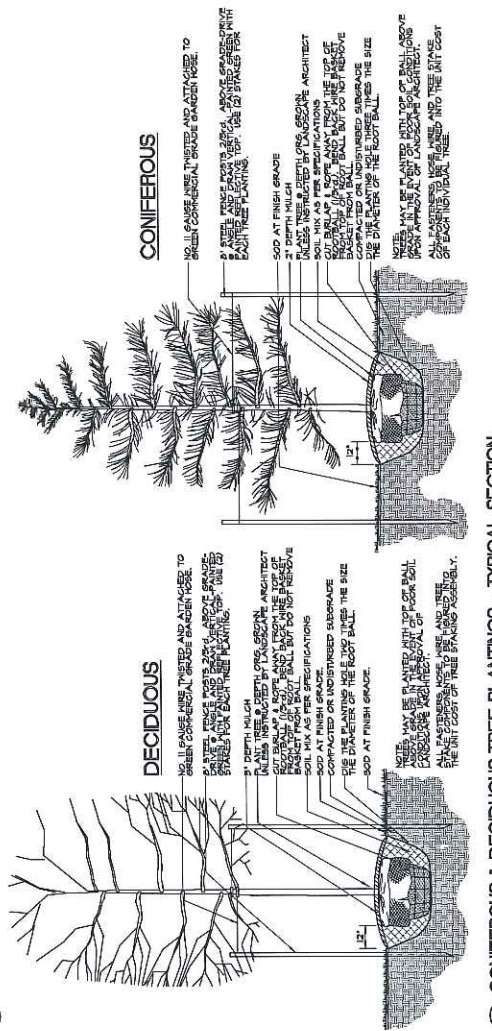
2 TALL TAPERED VENEER COLUMN
SCALE: 1/2" = 1'-0"



1 SW 11TH STREET ENTRY
SCALE: 1/2" = 1'-0"



6 CONIFEROUS & DECIDUOUS TREE PLANTINGS - TYPICAL SECTION
NOT TO SCALE



7 FLOOD/BULLET LIGHT DETAIL - SECTION
NOT TO SCALE

5 SIGN MOUNTING - DETAIL
NOT TO SCALE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/15/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Marsh USA Inc. One Towne Square, Suite 1100 Southfield, MI 48076 Attn: detroitgroupcaptive.certrequest@marsh.com CN116-647-0-GAW-17-18	CONTACT NAME:		FAX (A/C, No):	
	PHONE (A/C, No, Ext):			
INSURED Silver Star Construction Company Inc. 2401 S Broadway Moore, OK 73160	E-MAIL ADDRESS:		INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Zurich American Insurance Company		16535	
	INSURER B:			
	INSURER C:			
	INSURER D:			
	INSURER E:			
INSURER F:				

COVERAGES **CERTIFICATE NUMBER:** CHI-006483190-06 **REVISION NUMBER:** 6

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			GLO9809602-02	04/01/2017	04/01/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 FIRE DAMAGE \$ 500,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BAP9809603-02	04/01/2017	04/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC9809601-02 Does not apply to the Monopolistic States (ND, OH, WA, and WY), Puerto Rico, or the Virgin Islands	04/01/2017	04/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

City of Moore Oklahoma, managers and employees are included as additional insured for general liability and auto liability as required by written contract or written agreement, per policy terms and conditions.

CERTIFICATE HOLDER

City of Moore
301 N Broadway
Moore, OK 73160

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
of Marsh USA Inc.

John C Hurley

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