

***CITY OF GRAND JUNCTION
DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION***

***BID DOCUMENTS
AND
CONSTRUCTION SPECIFICATIONS***

FOR

***Safe Routes to School Improvements
IFB-3909-14-DH***

Responses Due:

September 16, 2014 prior to 2:00pm
250 N. 5th Street
City Clerk's Office, Room #111
Grand Junction, CO 81501



August, 2014

Book No. ____

CITY OF GRAND JUNCTION
DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION

BID DOCUMENTS
FOR
Safe Routes to School Improvements

Table of Contents

<u>ITEM</u>	<u>PAGE</u> <u>PREFIX</u>
ADDENDA (if any)	
BID INFORMATION	
Invitation to Bid	
Instruction to Bidders	IB
BID FORMS	
Bid Form Including Bid Schedule	BF
Bid Bond Form	BB
CONTRACT CONDITIONS	
Special Conditions	SC
Special Provisions	SP
APPENDIX	
A-Project Submittal Form	
B-Bidder Certifications (Davis Bacon Wage Rate Determination)	
DRAWINGS (Not Attached)	
Construction Drawings: “Safe Routes to School Improvements”	
	15 Sheets

BID INFORMATION

INVITATION TO BID

The City of Grand Junction will receive sealed bids at the Office of the City Clerk at City Hall, 250 North Fifth Street, Grand Junction, Colorado, 81501, prior to 2:00 p.m. on Tuesday, September 16, 2014 for the Safe Routes to School Improvements Project. All bids will be opened and read aloud at the City Hall Break Room immediately following the submittal deadline. The project generally consists of the installation of 900 lineal feet of irrigation pipe, 8 irrigation sump structures, one storm inlet, 177 square yards of 4" sidewalk; 1,163 square yards of monolithic curb, gutter and sidewalk; 543 square yards of concrete driveways, ramps, fillets and v-pans, 550 square yards of asphalt patching and approximately 640 ton of class 6 aggregate base course.

Note: This project shall be constructed in accordance with the current Davis Bacon Wage Rate Determination.

Contractors submitting bids over \$50,000 must be prequalified in accordance with the City's "Rules and Procedures for Prequalification of Contractors." Application forms for prequalification are available at the Administration Office of the Department of Public Works and Planning (970-256-4126) or on the Public Works & Planning/Engineering page at www.gjcity.org. Prequalification applications must be submitted two weeks prior to bid opening date. Bids received from non-prequalified contractors will not be opened.

The July 2010 edition of the "City Standard Contract Documents for Capital Improvements Construction", Plans, Specifications and other Bid Documents are available for review or download on the Bids page at www.gjcity.org. For technical information, please contact Jerod Timothy, Project Manager at the Department of Public Works and Planning (970-244-1565).

For contractual information, please contact Scott Hockins, Purchasing Supervisor (970-244-1484).

A pre-bid meeting will be held at 2:00 p.m. on Tuesday, September 9, 2014 in the City Hall Auditorium. Attendance at the meeting is mandatory.

The City Clerk's Office will stamp the date and mark the time received on all bids. Bids not received prior to the date and time indicated on the Invitation to Bid will not be considered. The City is not responsible for delays occasioned by the U.S. Postal Service, the internal mail delivery system of the City, or any other means of delivery employed by the Bidder.

Each Bid shall be submitted on a form furnished by the City and must be accompanied by a certified check, cashier's check or Bid Bond in an amount not less than 5% of the amount of the Bid and made payable to the City of Grand Junction, Colorado. The successful Bidder will be required to furnish a Performance Bond and a Labor and Material Payment Bond, both in the amount of 100% of the total Contract amount, in conformity with the requirements of the Contract Documents and on forms provided by the City.

CITY OF GRAND JUNCTION, COLORADO

Duane Hoff Jr., Senior Buyer

Published: The Daily Sentinel - August 24, 2014 – September 7, 2014

CITY OF GRAND JUNCTION
DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION

INSTRUCTIONS TO BIDDERS

The following instructions are given for the purpose of guiding Bidders in properly preparing their bids and constitute a part of the *Contract Documents* and shall be strictly complied with.

1. Definitions and Terms. See Article I, Section 3 of the General Contract Conditions in the *Standard Contract Documents for Capital Improvements Construction*.
2. Copies of Bid Documents. Complete sets of the *Bid Documents* may be reviewed at the Administration Office of the Department of Public Works and Planning at City Hall, 250 North 5th Street, Grand Junction, Colorado 81501. Plans, Specifications and other Bid Documents are available for review or download on the Bids page at www.gjcity.org.

Complete sets of *Bid Documents* shall be used in preparing Bids; neither City nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of *Bid Documents*.

City and Engineer in making copies of *Bid Documents* available on the above terms do so only for the purpose of obtaining Bids on the Work and do not confer a license or grant for any other use.

3. Prequalification of Bidders: Contractors submitting bids over \$50,000 must be prequalified in accordance with the City's "Rules and Procedures for Prequalification of Contractors." Application forms for prequalification are available at the Administration Office of the Department of Public Works and Planning. Contractors who are currently prequalified with the Colorado Department of Transportation (CDOT) will meet the requirements for prequalification by the City, unless the City has information or basis to the contrary. Application forms for Contractor prequalification are available at the Administration Office of the Department of Public Works and Planning, City Hall, 250 North 5th Street, Grand Junction, CO, 81501.
4. Liquidated Damages for Failure to Enter Into Contract. Should the Successful Bidder fail or refuse to enter into the Contract within ten Calendar Days from the issuance of the Notice of Award, the City shall be entitled to collect the amount of such Bidder's Bid Guaranty as Liquidated Damages, not as a penalty but in consideration of the mutual release by the City and the Successful Bidder of all claims arising from the City's issuance of the Notice of Award and the Successful Bidder's failure to enter into the Contract and the costs to award the Contract to any other Bidder, to readvertise, or otherwise dispose of the Work as the City may determine best serves its interest.

5. Time of Completion. Time is of the essence with respect to the time of completion of the Project and any other milestones or deadline which are part of the Contract. It will be necessary for each Bidder to satisfy the City of its ability to complete the Work within the Contract Time set forth in the Contract Documents.
6. Examination of Contract Documents and Site. Before submitting a Bid, each Bidder shall:
 - a. Examine the *Contract Documents* thoroughly;
 - b. Visit the site to familiarize itself with local conditions that may in any manner affect cost, progress, or performance of the Work;
 - c. Become familiar with federal, state, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress or performance of the Work;
 - d. Study and carefully correlate Bidder's observations with the *Contract Documents*, and;
 - e. Notify the Engineer of all conflicts, errors, ambiguities or discrepancies in or among the *Contract Documents*

On request, the City will provide each Bidder access to the site to conduct such investigations and tests as each Bidder deems necessary for submission of a Bid. It shall be the Bidder's responsibility to make or obtain any additional examinations, investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions (including without limitation, surface, subsurface and underground utilities) at or contiguous to the site or otherwise which may affect cost, progress or performance of the work and which the Bidder deems necessary to determine its Bid for performing the work in accordance with the time, price and other terms and conditions of the Contract Documents. Location of any excavation or boring made by Bidder shall be subject to prior approval of City and applicable agencies. Bidder shall fill all holes, restore all pavements to match the existing structural section and shall clean up and restore the site to its former condition upon completion of such exploration. The City reserves the right to require the Bidder to execute an access agreement with the City prior to accessing the site.

The lands upon which the Work is to be performed, rights of way, and access thereto, and other lands designated for use by Contractor in performing the Work, are identified on the Drawings.

Information and data reflected in the *Contract Documents* with respect to underground utilities at or contiguous to the site are based upon information and data furnished to the City and the Engineer by the owners of such underground utilities or others, and the City does not assume responsibility for the accuracy or completeness thereof, unless it is expressly provided otherwise in the *Contract Documents*.

By submission of a Bid, the Bidder shall be conclusively presumed to represent that the Bidder has complied with every requirement of these Instructions to Bidders, that the *Contract Documents* are not ambiguous and are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work.

7. Interpretations. All questions about the meaning or intent of the *Contract Documents* shall be submitted to the Purchasing Supervisor in writing.

Written comments or questions must be received by the Engineer at least forty-eight (48) hours (excluding Saturdays, Sundays, and Holidays) prior to the time set for Bid Opening.

If questions received by the Engineer or Purchasing Supervisor are deemed to be sufficiently significant and received sufficiently in advance of the Bid opening, an Addendum to the *Bid Documents* may be issued. Otherwise, a written copy of the question and decision or interpretation will be posted on the Public Works & Planning/Engineering page at www.gjcity.org. It shall be the responsibility of each Bidder to make itself aware of all such posted questions and decisions or interpretations and, by submitting a Bid, each Bidder shall be conclusively be deemed to have such knowledge. After Bid Opening, all Bidders must abide by the decision of the Engineer as to all such decisions or interpretations. Bidders may not rely upon oral interpretations of the meaning of the plans, specifications or other bid documents and any oral or other interpretations or clarifications will be without legal force or effect.

8. Quantities of Work. Materials or quantities stated as unit price items in the Bid are supplied only to give an indication of the general scope of the Work. The City does not expressly or by implication agree that the actual amount of Work or material will correspond therewith, and reserves the right after award to increase or decrease the quantity of any unit item of the Work without a change in the unit price except as set forth in Article VIII, Section 70 of the *General Contract Conditions*. The City also reserves the right to make changes in the Work (including the right to delete any bid item in its entirety or add additional bid items) as set forth in Article VIII, Sections 69 through 71 of the *General Contract Conditions*.

9. Substitutions. The materials, products and equipment described in the *Bid Documents* shall be regarded as establishing a standard of required performance, function, dimension, appearance, or quality to be met by any proposed substitution. No substitution will be considered prior to receipt of Bids unless the Bidder submits a written request for approval to the Engineer at least ten (10) days prior to the date for receipt of Bids. Such requests for approval shall include the name of the material or equipment for which substitution is sought and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for evaluation, including samples if requested. The Bidder shall set forth changes in other materials, equipment, or other portions of the Work including changes of the work of other contracts, which incorporation of the proposed substitution would require to be included. The Engineer's decision of approval or disapproval of a proposed substitution shall be final. If the Engineer approves a proposed substitution before receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.

10. Bid Guaranty. Each Bid shall as a guaranty of good faith on the part of the Bidder be accompanied by a Bid Guaranty consisting of: a certified or cashier's check drawn on an approved national bank or trust company in the State of Colorado, and made payable without condition to the City; or a Bid Bond in the form set forth in the *Bid Documents* executed by an approved corporate surety in favor of the City. The amount of the Bid Guaranty shall not be less than 5% of the total Bid amount.

Once the City issues a Notice of Award, the apparent Successful Bidder has ten (10) Calendar Days to enter into a Contract in the form prescribed and to furnish the required Performance and Payment Bonds. Failure to do so will result in forfeiture of the Bid Guaranty to the City as Liquidated Damages.

Bid Guaranties for all except the three lowest qualified Bids shall be returned within five (5) Working Days of Bid Opening. When the Successful Bidder files satisfactory Performance and Payment Bonds and Certificates of Insurance, the Bid Guaranties of the three lowest Bidders shall be returned.

Each bidder shall guaranty its total bid price for a period of sixty-five (65) Calendar Days from the date of the bid opening. Except for forfeiture due to reasons discussed above, Bid Guaranties of all Bidders shall be returned to them within sixty-five (65) Calendar Days from the date of Bid Opening.

11. Bid Form. The Bid Form, provided by the City, must be completed in ink or by typewriter.

The Bidder shall specify a unit price in figures for each pay item for which a quantity is given and shall provide the products (in numbers) of the respective unit prices and quantities in the Extended Amount column. The total Bid price shall be equal to the sum of all extended amount prices. When an item in the Bid Schedule provides a choice to be made by the Bidder, Bidder's choice shall be indicated in accordance with the specifications for that particular item and thereafter no further choice shall be permitted.

Where the unit of a pay item is lump sum, the lump sum amount shall be shown in the "extended amount" column and included in the summation of the total Bid.

All blank spaces in the Bid Form must be properly filled out.

Bids by corporations must be executed in the corporate name by the president or vice president or other corporate office accompanied by evidence of authority to sign. The corporate seal must be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.

Bids by partnerships must be executed in the partnership name and signed by a partner whose title must appear under the signature and the official address of the partnership must be shown below the signature.

All names must be typed or printed below the signature.

The Bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form.

The address to which communications regarding the Bid are to be directed must be shown.

12. Irregular Bids. A Bid will be considered irregular and may be rejected for the following reasons:
 - a. Submission of the Bid on forms other than those supplied by the City;
 - b. Alteration, interlineation, erasure, or partial detachment of any part of the forms which are supplied herein;
 - c. Inclusion of unauthorized additions conditional or alternate Bids or irregularities of any kind which may tend to make the Bid incomplete, indefinite, or ambiguous as to its meaning;
 - d. Failure to acknowledge receipt of any or all issued Addenda;
 - e. Failure to provide a unit price or a lump sum price, as appropriate, for each pay item listed except in the case of authorized alternative pay items;
 - f. Failure to list the names of Subcontractors used in the Bid preparation as required in the Bid Form;
 - g. Submission of a Bid that in the opinion of the Purchasing Manager is unbalanced so that each item does not reasonably carry its own proportion of cost or which contains inadequate or unreasonable prices for any item;
 - h. Tying of the Bid with any other bid or contract; and
 - i. Failure to calculate Bid prices as described herein.
13. Submission of Bids. The completed Bid Form and Bid Guaranty shall be submitted at the time and place indicated in the Invitation to Bid and must be in a ten-inch by thirteen-inch opaque sealed envelope marked SEALED BID with the project title and the name and address of the Bidder.
14. Modification and Withdrawal of Bids Before Opening. Bids may be modified or withdrawn by an appropriate document duly executed and delivered to the place where Bids are to be submitted at any time prior to Bid Opening.
15. Opening of Bids. Bids will be opened and read aloud at the time and place stated in the Invitation to Bid. All Bidders, their representatives, and other interested parties are encouraged to attend the Bid Opening.

Within five (5) Working Days after Bid Opening, all Bids will be tabulated and copies sent to all Bidders. The bid tabulation sheet(s) will be available to the public.

16. Disqualification of Bidders. A Bid will not be accepted from, nor shall a Contract be awarded to, any person, firm, or corporation that is in arrears to the City, upon debt or contract, or that has defaulted, as surety or otherwise, upon any obligation to the City, or that is deemed irresponsible or unreliable.

Bidders may be required to submit satisfactory evidence that they are responsible, have a practical knowledge of the project bid upon and that they have the necessary financial and other resources to complete the proposed Work.

Either of the following reasons, without limitation, shall be considered sufficient to disqualify a Bidder and Bid:

- a. More than one Bid is submitted for the same Work from an individual, firm, or corporation under the same or different name; and
 - b. Evidence of collusion among Bidders. Any participant in such collusion shall not receive recognition as a Bidder for any future work of the City until such participant has been reinstated as a qualified bidder.
17. Withdrawal of Bids After Opening. No Bid may be withdrawn by any bidder for sixty-five (65) Calendar Days after the Bid Opening.
18. Evaluation of Bids and Bidders. The City reserves the right to:
- reject any and all Bids,
 - waive any and all informalities,
 - negotiate final terms with the Successful Bidder, and
 - disregard any and all nonconforming, nonresponsive or conditional Bids.

Discrepancies between words and figures will be resolved in favor of words. Discrepancies between Unit Prices and Extended Prices will be resolved in favor of the Unit Prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. The corrected extensions and totals will be shown in the tabulation of Bids.

The City may consider the qualifications and experience of Subcontractors and other persons and organizations (including those who are to furnish the principal items of material or equipment) proposed for those portions of the work as to which the identity of Subcontractors and other persons and organizations must be submitted. Operating costs, maintenance considerations performance data, and guarantees of materials and equipment may also be considered by the City.

The City will conduct such investigations as deemed necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of the Bidders, proposed Subcontractors and other persons and organizations to do the Work in accordance with the *Contract Documents* to the City's satisfaction within the Contract Time.

The Bidder shall furnish the City all information and data requested by the City to determine the ability of the Bidder to perform the Work. The City reserves the right to reject the Bid if the evidence submitted by, or investigation of such Bidder fails to satisfy the City that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the Work contemplated therein.

By submitting a Bid, each Bidder authorizes the City to perform such investigation of the Bidder as the City deems necessary to establish the responsibility, qualifications and financial ability of the Bidder and, by its signature thereon, authorizes the City to obtain reference information concerning the Bidder and releases the party providing such information and the City from any and all liability to the Bidder as a result of such reference information so provided.

The City reserves the right to reject the Bid of any Bidder who does not pass any evaluation to the City's satisfaction.

If the Contract is to be awarded, it will be awarded to the Bidder who, by evaluation, the City determines will best meet the City's interests.

The City reserves the right to accept or reject the Work contained in any of the Bid Schedules or alternates, either in whole or in part.

19. Award of Contract. Unless otherwise indicated, a single award will be made for all the bid items in an individual bid schedule. In the event that the Work is contained in more than one Bid Schedule, the City may award Schedules individually or in combination. In the case of two Bid Schedules which are alternative to each other, only one of such alternative Schedules will be awarded. Within forty-five (45) Calendar Days of Bid Opening, the City will issue a Notice of Award to the Successful Bidder which will be accompanied by four (4) unsigned copies of the Contract and the Performance and Payment Bond forms. Within ten (10) Calendar Days thereafter, the Successful Bidder shall sign and deliver four (4) copies of the Contract, Performance Bond, Payment Bond and Certificates of Insurance to the City. Within ten (10) Calendar Days thereafter, the City will deliver two (2) fully executed counterparts of the Contract to the Contractor. No contract shall exist between the Successful Bidder and the City and the Successful Bidder shall have no rights at law or in equity until the Contract has been duly executed by the City.

The Successful Bidder's failure to sign and submit a Contract and other documents set forth in this Paragraph within the prescribed time shall be just cause of annulment of the award, and forfeiture of the Bid Guaranty. The award of Contract may then be made to the next qualified Bidder in the same manner as previously prescribed.

20. Insurance. The Contractor shall secure and maintain such insurance policies as will provide the coverage and contain other provisions specified in the General Contract Conditions, or as modified in the Special Contract Conditions.

The Contractor shall file four (4) copies of the policies or Certificates of Insurance acceptable to the City with the Purchasing Supervisor within ten (10) Calendar Days after issuance of the Notice of Award. These Certificates of Insurance shall contain a provision that coverage afforded under the policies shall not be canceled unless at least thirty (30) Calendar Days prior written notice has been given to the City.

21. Sales and Use Taxes. The Contractor and all Subcontractors are required to obtain exemption certificates from the Colorado Department of Revenue for sales and use taxes in accordance with the provisions of the General Contract Conditions. Bids shall reflect this method of accounting for sales and use taxes on materials, fixtures and equipment.
22. Affirmative Action. In executing a Contract with the City, the Contractor agrees to comply with Affirmative Action and Equal Employment Opportunity regulations presented in the General Contract Conditions.
23. Preconstruction Meeting. Prior to the commencement of construction activities, a preconstruction meeting will be held which shall include the Contractor, representatives of the City, utility companies and others effected by or involved in the project. Attendance by the Contractor is mandatory.
24. Pre-Bid Meeting. See the Special Conditions for details of pre-bid meeting (if any).
25. Required Certifications. Hand finishing concrete will be permitted only when performed under the direct supervision of a craftsman holding the following certificate: ACI Concrete Flatwork Finisher and Technician (ACICFFT) or other Flatwork Finisher certification program approved by the City Engineering Manager.

BID FORMS

CITY OF GRAND JUNCTION
DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION

BID FORM
FOR
Safe Routes to School Improvements
IFB-3909-14-DH

TO: The City of Grand Junction
250 North Fifth Street
Grand Junction, Colorado 81501-2668

The undersigned Bidder, having thoroughly examined the Construction Drawings, Specifications, and other Bid Documents; having investigated the location of, and conditions affecting the proposed work, and being acquainted with and fully understanding the extent and character of the Work covered by this Bid; and all other factors and conditions affecting or which may be affected by the Work:

HEREBY PROPOSES and agrees, if this Bid is accepted, to enter into a Contract with the City on the form included in the *Contract Documents* and to furnish all required materials, tools, equipment, and plant; to perform all necessary labor and superintendence; and to undertake and complete the Work or approved portions thereof, in full accordance with and in conformity with the Construction Drawings, Specifications, and all other Contract Documents hereto attached or by reference made a part hereof, and for the following prices.

Bid Schedule: Safe Routes to Schools

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Culvert End Section (Flared)	1.	EA	\$ _____	\$ _____
2	108.2	8" Irrigation Pipe (SDR 35) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	10.	LF	\$ _____	\$ _____
3	108.2	12" Irrigation Pipe (SDR 35) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	11.	LF	\$ _____	\$ _____
4	108.2	12" Irrigation Pipe (ADS HP Storm Pipe) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	866.	LF	\$ _____	\$ _____
5	108.2	15" Storm Drain Pipe (SDR 35) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	22.	LF	\$ _____	\$ _____
6	108.5	Irrigation Sump Structure (See Detail on Plan Sheet 15)	9.	EA	\$ _____	\$ _____
7	108.5	Connect to Existing Manhole (15" Pipe)	1.	EA	\$ _____	\$ _____
8	108.6	Single Storm Drain Inlet (Vertical Curb)	1.	EA	\$ _____	\$ _____
9	202	Removal of Existing Irrigation System. Shall include the removal of all pipe, concrete ditch and appurtenances. Fill void w/ approved material.	725.	LF	\$ _____	\$ _____
10	206	Structure Backfill (Flow-Fill) (See Detail on Plan Sheet 15).	20.	CY	\$ _____	\$ _____
11	207	Topsoil	5.	SY	\$ _____	\$ _____
12	208	Erosion Control (Complete in Place)	1.	LUMP	\$ _____	\$ _____
13	210	Reset Structures (Mail Box)	6.	EA	\$ _____	\$ _____
14	210	Reset Structures (Sign/Post)	7.	EA	\$ _____	\$ _____
15	210	Reset Structures (4' Chain Link)	60.	LF	\$ _____	\$ _____
16	210	Reset Structures (Wooden Split Rail)	8.	LF	\$ _____	\$ _____
17	210	Reset Sprinkler Head	1.	EA	\$ _____	\$ _____
18	304	Aggregate Base Course (Class 6) (Unit Weight Used = 136 lbs/cubic)	640.	TON	\$ _____	\$ _____
19	304/401	Hot Bituminous Pavement (Patching) (3-inch thick) (Grading SX) (Including Class 6 Aggregate Base Course 4" Thick)	550.	SY	\$ _____	\$ _____
20	608	Concrete Sidewalk (4" Thick)	177.	SY	\$ _____	\$ _____
21	608	Concrete Curb Ramp	43.	SY	\$ _____	\$ _____

Bid Schedule: Safe Routes to Schools

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
22	608	Monolithic Vertical Curb, Gutter and Sidewalk	1,163.	SY	\$ _____	\$ _____
23	608	Concrete Drainage Pan	2.	SY	\$ _____	\$ _____
24	608	Concrete Driveway Section (6" Thick)	214.	SY	\$ _____	\$ _____
25	608	Concrete Driveway Section (8" Thick)	284.	SY	\$ _____	\$ _____
26	608	Detectable Warning Warning (Wet Set) (City Supplied)	5.	EA	\$ _____	\$ _____
27	608	Sidewalk Drain Trough	5.5	EA	\$ _____	\$ _____
28	620	Sanitary Facility	1.	EA	\$ _____	\$ _____
29	626	Mobilization	1.	EA	\$ _____	\$ _____
30	630	Traffic Control (Complete In Place)	1.	EA	\$ _____	\$ _____
31	630.09	Traffic Control Plan	1.	EA	\$ _____	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ 10,000.00

Bid Amount: \$ _____

Bid Amount: _____ dollars

The undersigned Bidder hereby agrees to execute the Contract in conformity with this Bid, to have ready and furnish the required Payment and Performance Bonds, executed by a Surety acceptable to the City and provide Certificates of Insurance evidencing the coverage and provisions set forth in Contract within ten (10) Calendar Days of the City's issuance of a Notice of Award.

The _____, a corporation of the State of _____, is hereby proposed as Surety on said Performance and Payment Bonds. If such Surety is not approved by the City, another and satisfactory Surety will be proposed.

Enclosed herewith is a Bid Guaranty as defined in the attached Instructions to Bidders in the amount of _____ which Bid Guaranty the undersigned Bidder agrees to be paid to and become the property of the City, as Liquidated Damages and not as a penalty should the Bid be accepted, the Contract Notice of Award issued, and should the Bidder fail or refuse for any reason to enter into the Contract in the form prescribed. The Bidder shall furnish the required Bonds and Insurance Certificates within ten (10) Calendar Days of issuance of the Notice of Award.

The following persons, firms or corporations are interested as joint ventures, partners or otherwise with the undersigned Bidder in this proposal:

Name: _____

Address: _____

Name: _____

Address: _____

If there are no such persons, firms or corporations, please so state in the following space. _____

The undersigned Bidder proposes to subcontract the following portion of Work:

<u>Name & address of Sub-Contractor</u>	<u>Description of work to be performed</u>	<u>% of Contract</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The undersigned Bidder acknowledges the right of the City to reject any and all Bids submitted and to waive informalities and irregularities therein in the City's sole discretion.

By submission of the Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to his own organization, that this Bid has been arrived at independently, without collusion, consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

The Work shall be completed within the Contract Time as specified in the Special Conditions.

Bidder hereby acknowledges receipt of Addenda Numbers: ____, ____, ____, ____.

By submission of a Bid, the Bidder shall be conclusively presumed to represent that the Bidder has complied with every requirement of the "Instructions to Bidders".

Bidder, by his signature hereon, hereby authorizes the obtaining of reference information containing the Bidder's qualifications, experience and general ability to perform the work and hereby releases the party providing such information and the City from any and all liability to Bidder as the result of such reference information being provided. Bidder further waives any right to receive copies of information so provided to the City.

Bidder agrees to perform all Work described in the Contract Documents for the unit prices or the lump sum as shown on the Bid Form, and acknowledges that the quantities shown on the Bid Schedule are approximate only and are intended principally to serve as guides for the purpose of comparing and evaluating Bids.

It is further agreed that any quantities of work to be performed at unit prices and material to be furnished may be increased or decreased as may be considered necessary in the opinion of the City, to complete the Work fully as planned and contemplated, and that all quantities of Work, whether increased or decreased, are to be performed at the unit prices set forth in the Bid, except as otherwise provided for in the Contract Documents.

It is further agreed that any lump sum prices may be increased to cover additional work ordered by the City, but not shown on the Plans or required by the Specifications, in accordance with the provisions of the Contract Documents. Similarly, they may be decrease to cover deletions of work so ordered.

By submitting a Bid, the Bidder acknowledges that the bid process is solely intended to serve the public interest in achieving the highest quality of services and goods at the lowest price, and that no right, interest or expectation shall inure to the benefit of the Bidder as the result of any reliance or participation in the process.

The undersigned Bidder further grants to the City the right to award this Contract on the basis of any possible combination of base bids and alternate(s) (if any) that best suit the City's needs.

Dated this _____ day of _____, 20__.

Bidder: _____

Address: _____

Signature: _____

Name printed: _____

Title: _____

If a corporation:

State of incorporation: _____

Attest: _____

(seal)

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

that we, _____ (___ an individual, ___ a partnership, ___ a corporation incorporated in the State of _____) as Principal, and _____ (incorporated in the State of _____) as Surety, are held and firmly bound unto the City of Grand Junction, Colorado, (hereinafter called "City") in the penal sum of _____ dollars (\$ _____), lawful money of the United States, for the payment of which sum we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that WHEREAS the Principal has submitted the accompanying Bid dated _____ for construction of _____ (the Project) for the City and

WHEREAS, the City has required as a condition for receiving said Bid that the Principal deposit with the City either a cashier's check or a certified check equivalent to not less than five percent of the amount of said Bid or in lieu thereof furnish a Bid Bond for said amount conditioned that in event of a failure to execute the proposed Contract for such construction and to provide the required Performance and Payment Bonds and Insurance Certificates if the Contract be awarded to the Bidder, that said sum be paid immediately to the City as Liquidated Damages and not as a penalty for the Principal's failure to perform.

NOW, THEREFORE, if the Principal shall, within the period specified therefore, on the attached prescribed forms presented to the Bidder for signature, enter into a written Contract with the City in accordance with said Bid as accepted, and give Performance and Payment Bonds with good and sufficient Surety, or Sureties, as may be required upon the forms prescribed by the City, for the faithful performance and the proper fulfillment of said Contract, provide Certificates of Insurance as required by said Contract, and provide all other information and documentation required by the Contract Documents, then this obligation shall be void and of no effect, otherwise to remain in full force and effect. In the event suit is brought upon this bond by the City and the City prevails, the principal and surety shall pay all costs incurred by the City in such suit, including reasonable attorneys' fees and costs to be fixed by the Court.

IN WITNESS WHEREOF, the above bound parties have executed this instrument under their several seals the name and corporate seal of each corporate party being hereto affixed and duly signed by its undersigned representative pursuant to authority of its governing board.

Dated this _____ day of _____, 20__.

Principal: _____

Address: _____

Signed: _____

(seal)

Title: _____

Surety: _____

Address: _____

Signed: _____

(seal)

Title: _____

INSTRUCTIONS FOR COMPLETING BID BOND

1. The full legal name and residence of each individual executing this Bond as Principal must be inserted in the first paragraph.
2. If the Principal is a partnership, the full name of the partnership and all individuals must be inserted in the first paragraph which must recite that individuals are partners composing the partnership, and all partners must execute the Bond as individuals.
3. The State of incorporation of each corporate Principal or Surety to the Bond must be inserted in the first paragraph and the Bond must be executed under the corporate seal of said party attested by its secretary or other appropriate officer.
4. Attach a copy of the power-of-attorney for the Surety's agent.

SPECIAL CONDITIONS

CITY OF GRAND JUNCTION
DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION

Safe Routes to School Improvements

SPECIAL CONDITIONS

The performance of the Work for this Project shall conform to the General Contract conditions presented in the City of Grand Junction's *Standard Contract Documents for Capital Improvements Construction*, revised July 2010, except as specifically modified or supplemented herein or on the Construction Drawings.

SC-1 **Project Description:** The project generally consists of the installation of 900 lineal feet of irrigation pipe, 8 irrigation sump structures, one storm inlet, 177 square yards of 4" sidewalk; 1,163 square yards of monolithic curb, gutter and sidewalk; 543 square yards of concrete driveways, ramps, fillets and v-pans, 550 square yards of asphalt patching and approximately 640 ton of class 6 aggregate base course.

SC-2 **Project Manager:** The Project Manager for the Project is Jerod Timothy, who can be reached at (970)244-1565. All notices, letters, submittals, and other communications directed to the City shall be addressed and mailed or delivered to:

City of Grand Junction
Department of Public Works and Planning
Attn: Jerod Timothy, Project Manager
250 North Fifth Street
Grand Junction, CO 81501

SC-3 **Pre-Bid Meeting:** A pre-bid meeting will be held for this project on Tuesday, September 9, 2014 at 2:00 p.m. in the City Hall Auditorium.

SC-4 **Affirmative Action:** The Contractor is not required to submit a written Affirmative Action Program for the Project.

SC-5 **Time of Completion:** The scheduled time of Completion for the Project is **68 Calendar Days** the starting date specified in the Notice to Proceed.

If winter weather interferes with construction the City shall issue a moratorium until weather permits.

Completion is achieved when site cleanup and all punch list items (resulting from the final inspection) have been completed. Completion shall have the meaning set forth in Article I, Section 3 (Definitions and Terms) of the General Contract Conditions.

The anticipated schedule for the Project is as follows:

Pre-Bid Meeting	September 9, 2014
Inquiry Deadline	September 10, 2014
Addendum Posted	September 11, 2014
Bid Opening:	September 16, 2014
City Council approval:	October 1, 2014
Notice of Award:	October 2, 2014
Contractor delivers Contract, Bond and Insurance Cert.	October 8, 2014
Preconstruction meeting:	October 8, 2014
Begin work:	October 13, 2014
Final Completion:	December 19, 2014 (proposed)
City Observed Holidays:	November 11, 2014 November 27-28, 2014 December 25, 2014 (If necessary) January 1, 2015 (If necessary)

SC-6

Liquidated Damages:

If the Contractor does not achieve Final Completion by the required date, whether by neglect, refusal or any other reason, the date for Final Completion may be extended in writing by the Owner. As provided elsewhere, this provision does not apply for delays caused by the City. The parties agree and stipulate that the Contractor shall pay liquidated damages to the City for each such day that final completion is late.

The Contractor agrees that as a part of the consideration for the City's awarding of this Contract liquidated damages in the daily amount of **\$250.00** is reasonable and necessary to pay for the actual damages resulting from such delay. The parties agree that the real costs and injury to the City for such delay include hard to quantify items such as: Additional engineering, inspection and oversight by the City and its agents; additional contract administration; inability to apply the efforts of those employees to the other work of the City; perceived inefficiency of the City; citizens having to deal with the construction and the Work, rather than having the benefit of a completed Work, on time; inconvenience to the public; loss of reputation and community standing for the City during times when such things are very important and very difficult to maintain.

The Contractor must complete the Work and achieve final completion included under the Bid Schedule in the number of consecutive calendar days after the City gives its written Notice to Proceed. When the Contractor considers the entire Work ready for its intended use, Contractor shall certify in writing that the Work is substantially complete. In addition to the Work being substantially complete, Final Completion date is the date by which the Contractor shall have fully completed all clean-up, and all items that were identified by the City in the inspection for final completion. Unless otherwise stated in the Special Conditions, for purposes of this liquidated damages clause, the Work shall not be finished and the Contract time shall continue

to accrue until the City gives its written Final Acceptance.

If the Contractor shall fail to pay said liquidated damages promptly upon demand thereof after having failed to achieve Final Completion on time, the City shall first look to any retainage or other funds from which to pay said liquidated damages; if retainage or other liquid funds are not available to pay said liquidated damages amounts, the Surety on the Contractor's Performance Bond and Payment Bond shall pay such liquidated damages. In addition, the City may withhold all, or any part of, such liquidated damages from any payment otherwise due the Contractor.

Liquidated damages as provided do not include any sums to reimburse the City for extra costs which the City may become obligated to pay on other contracts which were delayed or extended because of the Contractor's failure to complete the Work within the Contract Time. Should the City incur additional costs because of delays or extensions to other contracts resulting from the Contractor's failure of timely performance, the Contractor agrees to pay these costs that the City incurs because of the Contractor's delay, and these payments are separate from and in addition to any liquidated damages.

The Contractor agrees that the City may use its own forces or hire other parties to obtain Substantial or Final Completion of the work if the time of completion has elapsed and the Contractor is not diligently pursuing completion. In addition to the Liquidated Damages provided for, the Contractor agrees to reimburse the City for all expenses thus incurred.

SC-7 **Working Days and Hours:**

Weekdays Only
7:00 a.m. to 5:00 p.m.

SC-8 **Permits:** The following permits are required for the Project and will be obtained by the City at no cost to the Contractor:

None

The following permits are required for the Project and shall be obtained and paid for by the Contractor, with the costs included in the total bid price for the Project:

None

SC-9 **Insurance Limits:** The minimum insurance limits for the Project are as stated in the General Contract Conditions.

SC-10 **City Furnished Materials:** The City will furnish the following materials for the Project:
Detectable Warning (Cast Iron Wet Set)

SC-11 **Project Newsletters/Door Hangers:** The City of Grand Junction will prepare a door hanger for this Project. The door hanger will include general information about the Project, the Contractor's name and telephone number and shall state the approximate number of days to complete work adjacent to their property. The City shall distribute the

door hanger to all residents adjacent to the work sites. The door hangers will be distributed to each resident at least two (2) working days prior to beginning work adjacent to their property.

- SC-12 **Project Sign:** Project signs, if any, will be furnished and installed by the City.
- SC-13 **Authorized Representatives of the City:** Those authorized to represent the City shall include engineers, managers and inspectors employed by the City, only.
- SC-14 **Uranium Mill Tailings:** It is anticipated that radioactive mill tailings will not be encountered on this Project.
- SC-15 **Fugitive Petroleum or Other Contamination:** It is anticipated that soil contamination from fugitive petroleum or other contaminants will not be encountered with the Project.
- SC-16 **Traffic Control:** The Contractor shall provide and maintain traffic control in accordance with the approved Traffic Control Plan and the *Manual on Uniform Traffic Control Devices*.
1. A Traffic Control Plan shall be submitted two days prior to the pre-construction meeting for review.
 2. The Contractor shall provide a safe route for children traveling to school during construction. This route is to be located on the north side of Orchard Avenue with crossings at the west end of the project and at 28 ³/₄ Road and Orchard Avenue. Flaggers shall be present before and after school to assist children while crossing Orchard Avenue. Cones or barrels shall be placed along northerly white strip to serve as a barrier for the children while traveling to and from school.
- SC-17 **Stockpiling Materials and Equipment:** All stockpiling/storage shall be in accordance with General Contract Condition Section 51.
- SC-18 **Excess Material:** All excess materials shall be disposed in accordance with General Contract Condition Section 50.
- SC-19 **Existing Utilities and Structures:** Utilities were **not** potholed during design of this project. The location of existing utilities and structures shown on the Plans is approximate with the information gathered during design. It is the responsibility of the Contractor to pothole/locate and protect all structures and utilities in accordance with General Contract Condition Section 37.
- SC-20 **Schedule of Submittals:**
The Contractor shall provide these specific submittals at the preconstruction meeting:
- Construction schedule submitted at or prior to the pre-construction meeting.
 - Traffic Control Plan submitted two days prior to the pre-construction meeting for approval by the City.

- SC-21 **Incidental Items:** Any item of work not specifically identified or paid for directly, but which is necessary for the satisfactory completion of any paid items of work, will be considered as incidental to those items, and will be included in the cost of those items.
- SC-22 **Retainage:** The amount to be retained from partial payment shall be five (5) percent of the total value of the work completed as determined from the cumulative request for payment for the entire project.
- SC-23 **Survey:** The Contractor shall give the City survey crew a minimum of 72 hours notice for all requested survey.
- SC-24 **QA/QC:** The City will provide QA/QC. The Contractor shall give the City Quality Assurance Technician a minimum of 48 hours' notice for all testing.
- SC-25 **Work to be Performed by the City:**
None
- SC-26 **Existing Concrete Sidewalks, Pans, Fillets, Curbs, and Gutters:**
The existing sidewalks, pans, fillets, curb and gutter are in good serviceable condition. In most instances the installation of new sidewalk and pavement will be adjacent to existing concrete. The Contractor will need to protect all concrete adjacent to construction. If the concrete is damaged during construction the Contractor will be responsible for its replacement at no cost to the City. The Contractor, the City Project Inspector, and/or the City Project Manager will walk and record any concrete that is deemed to be damaged before construction has started.

SPECIAL PROVISIONS

CITY OF GRAND JUNCTION
DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION

Safe Routes to Schools Improvements

SPECIAL PROVISIONS

GENERAL:

The descriptions of the pay items listed in the Bid Schedule for this Project may not agree with those listed in the Standard Specifications. Payment for all Work performed, as required in the Contract Documents, will be in accordance with the items and units listed in the Bid Schedule.

STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION:

The *City of Grand Junction Standard Specifications for Road and Bridge Construction* are hereby modified or supplemented for this Project by the following modifications to *The Standard Specifications for Road and Bridge Construction*, State Department of Highways, Division of Highways, State of Colorado:

SP-1 SECTION 202 – REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Section 202 of the Standard Specifications is hereby revised for this project as follows:

Subsection 202.07, add the following:

All concrete and asphalt removal required for installation of new will be considered incidental and will not be measured or paid for separately.

Subsection 202.12, add the following:

Locations of saw cuts shall be determined and directed by the Construction Inspector or the Engineer. Saw cuts at contraction/construction joints shall be incidental to work.

SP-2 SECTION 208 – EROSION CONTROL

For inlet protection along Major Arterial or Collector Street sections the only approved inlet protections shall be a filter sock.

Add the following to this subsection:

208.05(n) Add the Following:

Concrete Washout Structure:

Water for clean-up of equipment used in the mixing or distribution of concrete shall not be discharged to any storm water facilities, drain ways, or deposited into any open fields. The waste water used shall either be wasted on an open excavation area or in an onsite detention facility for future disposal.

Subsection 208.08 Payment for Best Management Practices.

The disposal of wash water shall be considered incidental to the concrete and will not be measured for or paid for separately.

Add the following to this subsection:

<u>Pay Item</u>	<u>Pay Unit</u>
Erosion Control (Complete In Place)	Lump Sum

The lump sum price for Erosion Control (complete in place) shall be in full compensation for the Erosion Control Supervisor and all materials, labor and equipment required to furnish, install, maintain, remove and dispose of erosion and settlement control features and Best Management Practices (BMP's) in accordance with the Stormwater Management Plan (SWMP), State and local permits, and the contract documents.

Erosion Control (Complete in Place) shall include storm drain inlet protection and the concrete washout structure.

SP-3 SECTION 210 – RESET STRUCTURES

Section 210 of the Standard Specifications is hereby revised for this project as follows:

Subsection 210.11B, Sprinkler Systems shall include the following:

The Contractor shall reset the components of all buried sprinkler systems that are within the new sidewalk area or adjacent to sidewalk or curb and gutter that is scheduled to be replaced. The Contractor shall contact the property owner and jointly observe the irrigation system to determine if the system is in good working order and to note any deficiencies (photos and documentation of the existing system are recommended). Irrigation lines that are perpendicular to new concrete shall be cut off behind the new sidewalk or curb. Sprinkler heads or other components (spigot, bubbler, etc.) shall be reattached to the cut ends of the perpendicular lines. Irrigation lines, along with all connected appurtenances (sprinkler heads, pipes, spigots, etc.), that are parallel to new sidewalk or curb shall be relocated parallel and adjacent to the new concrete. The Contractor shall furnish fittings of the same type and brand as the existing sprinkler system when reconnecting. Each irrigation system shall be pressurized and checked for leaks.

Subsection 210.12, Method of Measurement shall include the following:

The quantity to be measured for “Reset Sprinkler Head” shall be the number of sprinkler heads relocated and reconnected. The resetting of pipes, valves fittings and appurtenances will not be measured or paid for separately but shall be included in the unit price for sprinkler heads.

Subsection 210.13, Basis of Payment shall include the following:

<u>Pay Item</u>	<u>Pay Unit</u>
Reset Sprinkler Head	Each

SP-4 SECTION 401 – Hot Mix Asphalt

Section 401 of the Standard Specifications is hereby revised for this project as follows:

Subsections 401.08.1, Basis of Payment shall include the following:

The Contract Unit Price for the various Hot Mix Asphalt items shall be full compensation for all equipment, labor, materials, and incidentals required for the complete installation. Incidental items include subgrade, subgrade compaction, cutting and removal of asphalt in areas where new asphalt will be installed; removal of existing concrete, disposal of excavated and removed materials; furnishing, placement and compaction of Aggregate Base Course; furnishing and placement.

SP-5 SECTION 601 – STRUCTURAL CONCRETE

Section 601 of the Standard Specifications is hereby revised for this project as follows:

Subsection 601.02, Classification:

CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:

- 4,500 PSI Compressive at 28 Days
- 6% air \pm 1.5%
- Slump 4”, Loads exceeding 4 ½” shall be rejected
- Maximum Water Cement Ratio no greater than 0.45.

Subsection 601.06, Batching:

This CDOT Specification has been added to this Project:

The Contractor shall furnish a batch ticket (delivery ticket) with each load for all concrete. Concrete delivered without a batch ticket containing complete information as specified shall be rejected. The Contractor shall collect and complete the batch ticket at the placement site and deliver all batch

tickets to the Engineer or his representative at the end of each day. The Engineer or his representative shall have access to the batch tickets at any time during the placement. The following information shall be provided on each ticket:

1. Suppliers name and date
2. Truck number
3. Project name and location
4. Concrete class and designation number
5. Cubic yards batched
6. Type brand and amount of each admixture
7. Type, brand, and amount of cement and fly ash
8. Weights of fine and course aggregates
9. Moisture of fine and course aggregates
10. Gallons of batch water

The contractor shall add the following information to the batch ticket at time of placement:

1. Gallons of water added by the truck operator.
2. Number of revolutions of the drum for mixing
3. Discharge time

SP-6 SECTION 608 – CURBS, GUTTERS, SIDEWALKS, AND TRAILS

Section 608 of the Standard Specifications is hereby revised for this project as follows:

Subsections 608.06, Basis of Payment shall include the following:

The Contract Unit Price for the various concrete items shall be full compensation for all equipment, labor, materials, and incidentals required for the complete installation. Incidental items include subgrade compaction, cutting and removal of asphalt in areas where concrete will be installed; removal of existing concrete, disposal of excavated and removed materials; furnishing, placement and compaction of Aggregate Base Course; forming, furnishing and placement, finishing, curing and protection of the concrete; reinforcing steel and joint filler.

SP-7 SECTION 630 - CONSTRUCTION ZONE TRAFFIC CONTROL

Subsection 630.09, Traffic Control Plan, shall include the following:

The following guidelines and limitations shall apply to the traffic control:

1. Two way traffic shall be maintained on all streets (unless otherwise approved).
2. Concrete activities shall be coordinated so that concrete trucks and other vehicles do not block the traffic lanes.

3. All incidental costs shall be included in the original contract price for the project. Flagging shall be considered incidental and included in Traffic Control (Complete in Place).
4. Sidewalks that are obstructed or under construction shall be barricaded, as required for pedestrian safety.

STANDARD SPECIFICATIONS FOR CONSTRUCTION OF WATER LINES, SANITARY SEWERS, STORM DRAINS, UNDERDRAINS AND IRRIGATION SYSTEMS

The City of Grand Junction *Standard Specifications for Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains and Irrigation Systems* are hereby modified for this Project as follows:

SP-8 SECTION 103 – REMOVALS, EXCAVATION, BACKFILLING AND RESTORATION

Add the following:

103.16 Earth Backfill Material (Imported Trench Backfill).

Material excavated on site shall not be used in the trench backfill without approval by the Project Manager. The excavated material deemed unsuitable shall be hauled off site to a location secured by the Contractor and approved by the Project Manager. Imported Trench Backfill shall be pitrun or other approved material meeting the requirements of Section 103.16. During placement of imported backfill over the initial backfill material (Type A) that extends to 6 inches above the top of the pipe, the Contractor shall not place any rocks over 6 inches in diameter within the first 12 inches above the initial backfill material to protect the pipe from damage. All Imported Trench Backfill material shall be included in the unit price of service pipe, water line and/or conduit and will not be measured or paid for separately.

SP-9 SECTION 108.5 – MANHOLES

Add the following:

108.5 Irrigation Sump Structure

Irrigation structures up to 3 feet, and the first 3 feet of structures greater than 3 feet deep, will be paid for at the contract unit price for Irrigation Sump Structure. These items will include payment for the complete structure; pipe connections, grate and connection of existing irrigation pump appurtenances. See detail on Plan Sheet 15.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Irrigation Sump Structure	EA

APPENDIX A
PROJECT SUBMITTAL FORM

PROJECT SUBMITTAL FORM

PROJECT: **Safe Routes to School Improvements IFB-3909-14-DH**

CONTRACTOR: _____

PROJECT ENGINEER: Jerod Timothy

Description	Date Received	Resubmittal Requested	Resubmittal Received	Date Accepted
-------------	---------------	-----------------------	----------------------	---------------

STREET CONSTRUCTION

Pavement mix design				
Base course gradation, Proctor curve				
Concrete mix design				
Structural Backfill (Flow-fill)				

STORM DRAINAGE CONSTRUCTION

Pipe - 9" ADS				
Pipe - 12" ADS HP Storm				
Pipe - 15" SDR 35				
Bedding gradation				
Backfill gradation, Proctor curve, plasticity index (PI)				
Irrigation Sump Structure				
Inlet box				
Grate & frame - Vertical Curb				
Pipe to manhole / inlet connection				
Sidewalk Train Trough				

Description	Date Received	Resubmittal Requested	Resubmittal Received	Date Accepted

EROSION CONTROL / STORMWATER MANAGEMENT

Inlet Protection				
Concrete Washout				

PERMITS, PLANS, OTHER

Traffic Control Plan				

APPENDIX B

BIDDER CERTIFICATIONS

BIDDER CERTIFICATIONS

- A. Equal Employment Opportunity – Executive Order 11246
- B. Section 3 and Segregated Facilities Certification
- C. Noncollusion Affidavit of Prime Contractor

**CERTIFICATE OF BIDDER
REGARDING EQUAL EMPLOYMENT OPPORTUNITY**

INSTRUCTIONS:

This certification is required pursuant to Executive Order 11246 (30 F.R. 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

If the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after the bid opening. No contract will be awarded unless such a report is submitted.

CERTIFICATE OF BIDDER

Name and address of bidder (including zip code):

1. Bidder has participated in a previous contract or subcontract subject to Equal Opportunity Clause.
 Yes No

2. Compliance reports were required to be filed in connection with such a contract or subcontract.
 Yes No Not applicable

3. Bidder has filed all compliance reports due under applicable instructions, including SF-100.
 Yes No Not applicable

4. Have you ever been or are you being considered for sanction due to violation of Executive Order 11246, as amended?
 Yes No

Submitted By: _____

Title: _____

Signature: _____

Date: _____

CERTIFICATE OF BIDDER
REGARDING SECTION 3 AND SEGREGATED FACILITIES

Project Name: _____

Bidder: _____

The undersigned hereby certifies that:

- a. The provisions of Section 3 of the Housing and Urban Development Act of 1968, which requires opportunities for training and employment of lower-income persons and opportunities for contracting for local firms, will be included in the contract and all subcontracts.
- b. No segregated facilities will be maintained as required by Title VI of the Civil Rights Act of 1964

Submitted By: _____

Title: _____

Signature: _____

Date: _____

NONCOLLUSION AFFIDAVIT OF PRIME CONTRACTOR

State of _____)

) ss.

County of _____)

_____ being first duly sworn, deposes and says that:

1. He is the _____ of _____
_____, the bidder that has submitted the attached bid;
2. He is fully informed respecting the preparation and contents of the attached bid and of all pertinent circumstances respecting such bid;
3. Such bid is genuine and is not a collusive or sham bid;
4. Neither the said bidder nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with another bidder, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other bidder, firm or person to fix the price or prices in the attached bid or the bid of any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Grand Junction or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties of interest, including the affiant.

Signed: _____

Title: _____

Subscribed and sworn to me this _____ day of _____, _____

By: _____
Notary Public

My commission expires: _____

REQUIRED FORMS FOR PROJECTS FUNDED IN WHOLE OR IN PART BY COMMUNITY DEVELOPMENT BLOCK GRANT MONIES

The work to be performed in this project is being funded, in whole or part, using Federal Community Development Block Grant (CDBG) monies. Federal procurement regulations require that the following items must be completed and submitted with your bid for consideration for contract award:

- A. Forms for Section 3 of the Housing and Urban Development Act of 1968:
 - Preliminary Statement of Work Force Needs
 - Affirmative Action Plan for Use of Project Area Businesses
 - Statement of Actual Work Force Needs
- B. Solicitation of Minority and Women Owned Business
- C. Contractor Ownership Information
- D. Subcontractor Ownership Information

Your completed forms shall be evaluated in assisting the City in determining responsiveness to federal regulatory compliance and may be used to determine whether or not the Contractor is responsible for the purposes of awarding the bid.

**CITY OF GRAND JUNCTION
COMMUNITY DEVELOPMENT BLOCK GRANT**

**PRELIMINARY STATEMENT OF WORK FORCE NEEDS
AND GOALS FOR USING LOWER INCOME RESIDENTS**

Project: _____

NOTE: Contractors shall, to the greatest extent possible, give lower income residents (individuals residing in the City having an annual family income not exceeding\$30,320) opportunities for employment and training on CDBG projects.

Please fill out the following employee information.

	CURRENT EMPLOYEES	CURRENT MINORITY EMPLOYEES	CURRENT FEMALE EMPLOYEES	ESTIMATED EMPLOYEES NEEDED FOR PROJECT	GOALS FOR RECRUITING LOWER-INCOME RESIDENTS
SKILLED					
SEMI-SKILLED					
UNSKILLED					
TRAINEE					

Methods to be used to achieve these goals: _____

(ATTACH ADDITIONAL PAGES IF NECESSARY)

SUBMITTED BY: _____

TITLE: _____

SIGNATURE: _____

COMPANY NAME: _____

DATE: _____

**CITY OF GRAND JUNCTION
COMMUNITY DEVELOPMENT BLOCK GRANT**

AFFIRMATIVE ACTION PLAN FOR USE OF PROJECT AREA BUSINESSES

PROJECT: _____

COMPANY: _____

NUMBER OF ALL SUBCONTRACTORS PROPOSED: _____

DOLLAR VALUE OF ALL SUBCONTRACTS PROPOSED: \$ _____

To the greatest extent feasible contracts will be awarded through negotiations or bid to qualified project area businesses (businesses located within the Grand Junction city limits).

Goal of these contracts for project area businesses:

<u>Proposed type of subcontract</u>	<u>Approximate cost</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Outline the affirmative action plan to achieve these goals:

**CITY OF GRAND JUNCTION
COMMUNITY DEVELOPMENT BLOCK GRANT**

**STATEMENT OF ACTUAL WORK FORCE NEEDS
AND GOALS FOR USING LOWER INCOME RESIDENTS**

Project: _____

NOTE: Contractors shall, to the greatest extent possible, give lower income residents (individuals residing in the City having an annual family income not exceeding \$30,320) opportunities for employment and training on CDBG projects.

Please fill out the following employee information.

	CURRENT EMPLOYEES	CURRENT MINORITY EMPLOYEES	CURRENT FEMALE EMPLOYEES	ESTIMATED EMPLOYEES NEEDED FOR PROJECT	GOALS FOR RECRUITING LOWER-INCOME RESIDENTS
SKILLED					
SEMI-SKILLED					
UNSKILLED					
TRAINEE					

Methods to be used to achieve these goals: _____

(ATTACH ADDITIONAL PAGES IF NECESSARY)

SUBMITTED BY: _____

TITLE: _____

SIGNATURE: _____

COMPANY NAME: _____

DATE: _____

NOTE: This form is to be submitted to the City's Engineer fifteen (15) days after start of construction.

CITY OF GRAND JUNCTION
COMMUNITY DEVELOPMENT BLOCK GRANT

SOLICITATION OF MINORITY AND WOMEN OWNED BUSINESSES

Indicate below actions taken to solicit minority and women-owned businesses where subcontractors are used in completing the project.

Solicited the following Minority/Female Businesses:

_____ Contractor Name	_____ Phone
_____ Individual Contacted	_____ Date
_____ Contractor Name	_____ Phone
_____ Individual Contacted	_____ Date
_____ Contractor Name	_____ Phone
_____ Individual Contacted	_____ Date
_____ Contractor Name	_____ Phone
_____ Individual Contacted	_____ Date
_____ Contractor Name	_____ Phone
_____ Individual Contacted	_____ Date

SUBMITTED BY: _____

TITLE: _____

SIGNATURE: _____

COMPANY NAME: _____

DATE: _____

**CITY OF GRAND JUNCTION
COMMUNITY DEVELOPMENT BLOCK GRANT**

CONTRACTOR OWNERSHIP INFORMATION

Project Name: _____

Complete the following information below:

1. Legal Business Name:

2. Legal Business Address, including Zip Code

1. 9 + digit Federal ID # of Business (or SS No. of Principle Owner)

Name, Title, and Address of the owner, partners and/or officers

<u>Name</u>	<u>Title</u>	<u>Address</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Indicate the Ethnicity or Race of the Principle Ownership of the Contractor:

_____ White _____ Black _____ Hispanic _____ Asian _____ Native American

Is the Contractor a Woman-Owned Business Enterprise? _____ Yes _____ No

The undersigned certify that the above information is true to the best of their knowledge.

Name of Owner or Authorized Representative

Date

**CITY OF GRAND JUNCTION
COMMUNITY DEVELOPMENT BLOCK GRANT**

SUBCONTRACTOR OWNERSHIP INFORMATION

Project Name: _____

Complete the following information below:

1. Legal Business Name:

2. Legal Business Address, including Zip Code

3. 9 + digit Federal ID # of Business (or SS No. of Principle Owner)

Name, Title, and Address of the owner, partners and/or officers

Name

Title

Address

<u>Name</u>	<u>Title</u>	<u>Address</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Indicate the Ethnicity or Race of the Principle Ownership of the Contractor:

_____ White _____ Black _____ Hispanic _____ Asian _____ Native American

Is the Contractor a Woman-Owned Business Enterprise? _____ Yes _____ No

The undersigned certify that the above information is true to the best of their knowledge.

Name of Owner or Authorized Representative

Date

**SUPPLEMENTAL CONDITIONS
FOR PROJECTS FUNDED IN WHOLE OR PART BY
COMMUNITY DEVELOPMENT BLOCK GRANTS**

ITEM F, PART I - FEDERAL REQUIREMENTS

The Contractor shall at all times during the execution of the project strictly adhere to, and comply with, all applicable federal, state and local laws, and their implementing regulations, as they currently exist and may hereafter be amended, which are incorporated herein by this reference as terms and conditions of the project and/or contract. The Contractor shall also comply with and require compliance with these statutes and regulations in sub-agreements permitted with sub-contractors. A listing of some of the federal laws that may be applicable to the Work include:

- A. Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967 and as supplemented in Department of Labor regulations (41 CFR Chapter 60).
- B. The Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3).
- C. The Davis-Bacon Act (40 U.S.C. 276a to a-7) as supplemented by Department of Labor regulations (29 CFR Part 5).
- D. Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5)
- E. Standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1857(h), Section 508 of the Clean Water Act (33 U.S.C. 1368). Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15).
- F. 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 (Pub. L. 94-163).
- G. Office of Management and Budget Circulars A-87, A-21 or A-122, and A-102 or A-110, whichever is applicable, in accordance with U.S.C. and/or CFR.
- H. The Hatch Act (5 U.S.C. 1501-1508) and Public Law 95-454 Section 4728. These statutes state that federal funds cannot be used for partisan political purposes of any kind by any person or organization involved in the administration of federally assisted programs.
- I. 42 USC 6101 et.seq. 42 USC 2000d, 29 USC 794, and implementing regulation, 45 CFR Part 80 et.seq. These acts require that no person shall, on the grounds of race, color, national origin, age, or handicap, be excluded from participation in or be subjected to discrimination in any program or activity funded, in whole or part, by federal funds.
- J. The Americans with Disabilities Act (Public Law 101-336; 42 USC 12101, 12102, 12111-12117, 12131-12134, 12141-12150, 12161-12165, 12181-12189, 12201-12213 47 USC 225 and 47 USC 611

- K. Drug-Free Workplace Act (Public Law 100-690 Title V, subtitle D, 41 USC 701 et. seq.).
- L. The Age Discrimination Act of 1975 and its implementing regulation, 24 CFR Part 146.

- M. Section 504 of the Rehabilitation Act of 1973, 29 U.S.C. 794 as amended, and implementing regulation 45 CFR Part 84.

- N. Architectural Barriers Act, 42 U.S.C. 4151-4157; 24 CFR Parts 40 and 41.

- O. 24 CFR Part 85, concerning “Records retention, access to records, breach of contract and termination and bonding and insurance, Debarred contractors, and minority owned businesses”.

- P. Title VI of the Civil Rights Act of 1964 and implementing regulations.

- Q. 24 CFR Part 570; specifically including but not limited to 570.502, 503, 506 and 570.600 et. seq., sub-part K as applicable.

- R. 24 CFR Part 87 concerning “Lobbying.”

The Contractor shall include the foregoing provisions in any and all subcontract(s) and shall furthermore furnish certification/evidence of compliance to the City of its and any subcontractor’s compliance when requested by the City. Sanctions for non-compliance include but are not limited to withholding of payment and/or cancellation, termination, or suspension of the contract in whole or in part.

ITEM F, PART II -FEDERAL STATUTORY AND REGULATORY PROVISIONS

PURPOSE: The work to be performed under this Agreement is one an activity funded all or in part with federal Community Development Block Grant (CDBG) funds and is subject to applicable federal laws and regulations. This part contains the federal laws and regulations with which the CONTRACTOR/ SUBCONTRACTOR(S) is/are required to comply in the performance of the work. The contractual provisions of Special Provisions Item F Part II are made a part of the contract, and are hereby incorporated into this Agreement by this reference. In the event of any conflict in the provisions of this Part II and any other provisions not found in Part II, without specific statement of supersedure, the provisions of this Part II shall apply.

2. ACTIVITY RECORDS.

- a. Records to be Kept and Retention Period. Activity records shall be created and maintained by the CONTRACTOR, with respect to all matters covered by this Contract. Said records shall include, but are not limited to, accounting, purchasing, property, personnel, employment and fiscal matters relating to the project. Said records shall also include, but not be limited to, applicant, beneficiary, and employee information on race, age, sex, disability and familial status, if any. Such records concerning applicant and beneficiaries shall, in addition, include verifiable information on family address, family income (housing activities shall retain household income data which shall include income from all family members and other nonrelated members living in the household), and household size. All project records shall be retained by the CONTRACTOR for a period of three years after its receipt of the final payment of after all pending matters are closed, whichever date is later.
- b. Source Documentation. ALL CONTRACTOR costs, expenditures and obligations hereunder must be supported by such source documentation as cancelled checks, paid bills, payrolls, time and attendance records, contract and subcontract award documents or other documents showing in detail the nature of such costs and obligations.
- c. Record Accessibility. Any pertinent books, documents, papers, or other records pertaining in whole or in part to this contract on the project shall be clearly identified and be made readily accessible to the CITY, HUD, and Comptroller General of the U.S., or any of their duly authorized representatives, upon request therefore, for the purpose of making audits, reviews, evaluations, excerpts and transcriptions. At such times and in such

Form as may be required, the CONTRACTOR shall furnish to the CITY, HUD, or the Comptroller General of the U.S. any of the records, reports, data, information or other documents enumerated in this paragraph. The CONTRACTOR shall furnish such information at no cost.

3. ACCOUNTING AND FINANCIAL MANAGEMENT.

- a. Bonding Requirements. For all agreements involving construction work exceeding \$100,000, in addition to CITY requirements, the following items shall be required as a minimum to be submitted by the CONTRACTOR/SUBGRANTEE to the CITY as a condition of the

execution of this Agreement, a bid guarantee equivalent to five percent of the bid price, a performance bond for 100 percent of the agreement price, and a payment bond for 100 percent of the agreement price.

- b. Indirect Costs Prohibition. All costs to be reimbursed by the CITY to the CONTRACTOR shall be direct costs. Such direct costs shall be identified in an Activity Budget spelling out in detail the specific sources and uses of any funds to be expended under this Agreement. No indirect costs (activities that are incurred for a common or joint purpose benefiting more than one cost objective and not readily assignable to the cost objectives specifically benefited, without effort disproportionate to the results achieved shall be eligible for reimbursement, unless the CONTRACTOR/SUBGRANTEE already has a cost allocation plan meeting the Office of Management and Budget Circular, A-87 requirements, incorporated herein by reference and written documentation that the plan has been approved by HUD which shall also be incorporated herein by reference.

- c. Administrative Requirements and Cost Principles. CONTRACTOR, which is not governmental entities, shall comply with the requirements and standards of OMB Circular No. A-122, "Cost Principles for Non Profit Organizations", OMB Circular No. A-21 "Cost Principles for Educational Institutions," or 48 CFR Part 31 for for-profit organizations, and with the Attachment to OMB Circular No. A-110, as applicable.

FEDERAL LABOR STANDARDS PROVISIONS

U.S. Department of Housing Office of Labor Relations
Federal Labor Standards Provisions and Urban Development
Form HUD-4010 (07/2003)
Previous edition is obsolete Ref. Handbook 1344.1

Applicability

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

A. 1. (i) **Minimum Wages.** All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section I(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible, place where it can be easily seen by the workers.

(ii) (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefore 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 12150140.)

(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 12150140.)

(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). This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal Stock Number 029-005-00014-1), U.S. Government Printing Office, Washington, DC 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. (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 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 of 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 1010, 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 only 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 he or she 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 therefore 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 contractor, 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 only 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, 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 subcontract as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

DAVIS BACON WAGE RATE DETERMINATION

General Decision Number: CO140024 01/24/2014 CO24
 Superseded General Decision Number: CO20130024
 State: Colorado
 Construction Type: Highway
 Counties: Larimer, Mesa and Weld Counties in Colorado.

HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/03/2014
1	01/24/2014

* ENGI0009-012 10/23/2013

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
(3)- Drill Rig Caisson (smaller than Watson 2500 and similar).....	\$ 24.73	9.15
(4)-Oiler Weld County.....	\$ 24.88	9.15
(5)-Drill Rig Caisson (Watson 2500 similar or larger).....	\$ 25.04	9.15

 SUCO2011-009 09/15/2011

	Rates	Fringes
CARPENTER		
Excludes Form Work.....	\$ 20.72	5.34
Form Work Only Larimer, Mesa.....	\$ 18.79	3.67
Weld.....	\$ 16.54	3.90
CEMENT MASON/CONCRETE FINISHER		
Larimer.....	\$ 16.05	3.00
Mesa.....	\$ 17.53	3.00
Weld.....	\$ 17.48	3.00
ELECTRICIAN		
Excludes Traffic Signalization Weld.....	\$ 33.45	7.58
Traffic Signalization Weld.....	\$ 25.84	6.66
FENCE ERECTOR		
Weld.....	\$ 17.46	3.47
GUARDRAIL INSTALLER		
Larimer, Weld.....	\$ 12.89	3.39
HIGHWAY/PARKING LOT STRIPING:Painter		
Larimer.....	\$ 14.79	3.98
Mesa.....	\$ 14.75	3.21
Weld.....	\$ 14.66	3.21
IRONWORKER, REINFORCING (Excludes Guardrail Installation)		
Larimer, Weld.....	\$ 16.69	5.45

IRONWORKER, STRUCTURAL		
(Excludes Guardrail		
Installation)		
Larimer, Weld.....	\$ 18.22	6.01
LABORER		
Asphalt Raker		
Larimer.....	\$ 18.66	4.66
Weld.....	\$ 16.72	4.25
Asphalt Shoveler.....	\$ 21.21	4.25
Asphalt Spreader.....	\$ 18.58	4.65
Common or General.....	\$ 16.29	4.25
Concrete Saw (Hand Held)....	\$ 16.29	6.14
Landscape and Irrigation....	\$ 12.26	3.16
Mason Tender-		
Cement/Concrete.....	\$ 16.29	4.25
Pipelayer		
Larimer.....	\$ 17.27	3.83
Mesa, Weld.....	\$ 16.23	3.36
Traffic Control (Flagger)....	\$ 9.55	3.05
Traffic Control (Sets		
Up/Moves Barrels, Cones,		
Install Signs, Arrow		
Boards and Place		
Stationary Flags)(Excludes		
Flaggers)		
Larimer, Weld.....	\$ 12.43	3.22
PAINTER (Spray Only).....	\$ 16.99	2.87
POWER EQUIPMENT OPERATOR:		
Asphalt Laydown		
Larimer.....	\$ 26.75	5.39
Mesa,Weld.....	\$ 23.93	7.72
Asphalt Paver.....	\$ 21.50	3.50
Asphalt Roller		
Larimer.....	\$ 23.57	3.50
Mesa.....	\$ 24.25	3.50
Weld.....	\$ 27.23	3.50
Asphalt Spreader		
Larimer.....	\$ 25.88	6.80
Mesa, Weld.....	\$ 23.66	7.36
Backhoe/Trackhoe		
Larimer.....	\$ 21.46	4.85
Mesa.....	\$ 19.81	6.34
Weld.....	\$ 20.98	6.33
Bobcat/Skid Loader		
Larimer.....	\$ 17.13	4.46
Mesa, Weld.....	\$ 15.37	4.28
Boom.....	\$ 22.67	8.72
Broom/Sweeper		
Larimer.....	\$ 23.55	6.20
Mesa.....	\$ 23.38	6.58
Weld.....	\$ 23.23	6.89
Bulldozer		
Larimer, Weld.....	\$ 22.05	6.23
Mesa.....	\$ 22.67	8.72
Crane.....	\$ 26.75	6.16
Drill		
Larimer, Weld.....	\$ 31.39	0.00
Mesa.....	\$ 35.06	0.00
Forklift.....	\$ 15.91	4.68
Grader/Blade		
Larimer.....	\$ 24.82	5.75

Mesa.....	\$ 23.42	9.22
Weld.....	\$ 24.53	6.15
Guardrail/Post Driver.....	\$ 16.07	4.41
Loader (Front End)		
Larimer.....	\$ 20.45	3.50
Mesa.....	\$ 22.44	9.22
Weld.....	\$ 23.92	6.67
Mechanic		
Larimer.....	\$ 27.68	4.57
Mesa.....	\$ 25.50	5.38
Weld.....	\$ 24.67	5.68
Oiler		
Larimer.....	\$ 24.16	8.35
Mesa.....	\$ 23.93	9.22
Roller/Compactor (Dirt and Grade Compaction)		
Mesa, Weld.....	\$ 21.33	6.99
Roller/Compactor (Dirt and Grade Compaction)		
Larimer.....	\$ 23.67	8.22
Rotomill		
Larimer.....	\$ 18.59	4.41
Weld.....	\$ 16.22	4.41
Scraper		
Larimer.....	\$ 21.33	3.50
Mesa.....	\$ 24.06	4.13
Weld.....	\$ 30.14	1.40
Screed		
Larimer.....	\$ 27.20	5.52
Mesa.....	\$ 27.24	5.04
Weld.....	\$ 27.95	3.50
Tractor.....	\$ 13.13	2.95

TRAFFIC SIGNALIZATION:

Groundsman

Larimer.....	\$ 11.44	2.84
Mesa.....	\$ 16.00	5.85
Weld.....	\$ 16.93	3.58

TRUCK DRIVER

Distributor

Larimer.....	\$ 19.28	4.89
Mesa.....	\$ 19.17	4.84
Weld.....	\$ 20.61	5.27

Dump Truck

Larimer.....	\$ 18.86	3.50
Mesa.....	\$ 15.27	4.28
Weld.....	\$ 15.27	5.27

Lowboy Truck

Larimer.....	\$ 18.96	5.30
Mesa, Weld.....	\$ 18.84	5.17
Mechanic.....	\$ 26.48	3.50

Multi-Purpose Specialty &

Hoisting Truck

Larimer, Mesa.....	\$ 16.65	5.46
Weld.....	\$ 16.87	5.56

Pickup and Pilot Car.....\$ 13.93 3.68

Semi/Trailer Truck.....\$ 18.39 4.13

Truck Mounted Attenuator....\$ 12.43 3.22

Water Truck

Larimer.....	\$ 19.14	4.99
Mesa.....	\$ 15.96	5.27
Weld.....	\$ 19.28	5.04

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

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

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

Union Identifiers

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

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

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

Non-Union Identifiers

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

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

WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

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

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

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

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

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

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

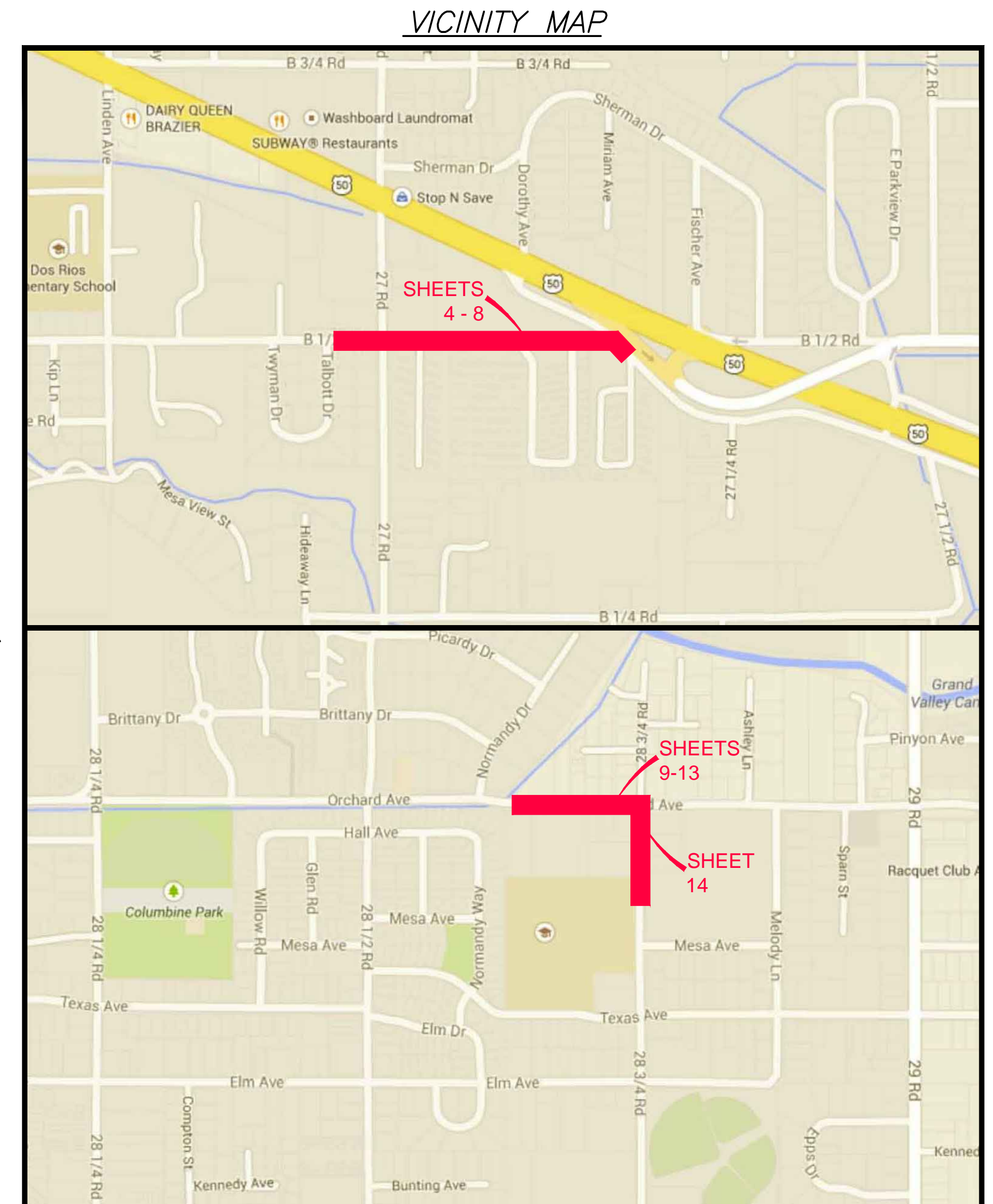
4.) All decisions by the Administrative Review Board are final.

=====
END OF GENERAL DECISION

SAFE ROUTES TO SCHOOLS AUGUST, 2014

PROJECT NO. _____

- 1 ————— Cover Sheet
- 2 ————— Standard Abbreviations, Legend, and Symbols
- 3 ————— Summary of Approximate Quantities
- 4 ————— B 1/2 Road Demolition Plan
- 5 ————— B 1/2 Road Irrigation & Storm Plan & Profile
- 6-8 ————— B 1/2 Road Sidewalk Plan & Profile
- 9 ————— Orchard Avenue to 28 3/4 Road Sidewalk Demolition Plan
- 10-11 ——— Orchard Avenue Irrigation Plan & Profile
- 12-13 ——— Orchard Avenue Sidewalk Plan & Profile
- 14 ————— 28 3/4 Road Sidewalk Plan & Profile
- 15 ————— Typical Details



UTILITIES AND AGENCIES								
AGENCY	NAME	POSITION	ROLE	MAILING ADDRESS	STREET ADDRESS	CITY, STATE	VOICE-WK	FAX
GRAND JUNCTION, CITY OF	JEROD TIMOTHY	PROJECT ENGINEER	PROJECT ENGINEER	250 N. 5th STREET	250 N. 5th STREET	GRAND JCT., CO 81501	(970) 244-1565	(970) 256-4022
GRAND JUNCTION, CITY OF	BRET GUILLORY	UTILITY ENGINEER	SANITARY SEWER	250 N. 5th STREET	250 N. 5th STREET	GRAND JCT., CO 81501	(970) 244-1590	(970) 256-4022
GRAND VALLEY IRRIGATION CO.	PHIL BERTRAND		IRRIGATION	688 26 ROAD	688 26 ROAD	GRAND JCT., CO 81506	(970) 242-2762	
CHARTER	JEFF VALDEZ	MANAGER	CABLE TV	2502 FORESIGHT CIRCLE	2502 FORESIGHT CIRCLE	GRAND JCT., CO 81504	(970) 210-2550	(970) 245-6803
CENTURY LINK	CHRIS JOHNSON	ENGINEER	TELEPHONE	2524 BLICHMANN AVE	2524 BLICHMANN AVE	GRAND JCT., CO 81504	(970) 244-4311	(970) 240-4349
UTE WATER	DARYL MOORE	SUPERVISOR	WATER	PO BOX 460		GRAND JCT., CO 81502	(970) 242-7491	(970) 242-9189
XCEL	DAN STEINKIRCHNER	UNIT MANAGER	GAS, ELECTRIC	2538 BLICHMANN AVE	2538 BLICHMANN AVE	GRAND JCT., CO 81506	(970) 244-2656	(970) 244-2661
ORCHARD MESA IRR. DIST.	MAX SCHMIDT	MANAGER	IRRIGATION	668 38 ROAD	668 38 ROAD	PALISADE., CO 81526	(970) 201-0130	
FRUITVALE LATERALS	MARVIN BARNES	MANAGER	IRRIGATION			GRAND JCT., CO 81506	(970) 242-3488	



Public Works & Utilities Engineering Division

DRAWING STATUS:	
<input type="radio"/>	PROGRESS
<input checked="" type="radio"/>	FINAL CONSTRUCTION DRAWINGS
<input type="radio"/>	ASBUILT
DESIGNED BY:	
JEROD TIMOTHY, PROJECT ENGINEER	DATE
REVIEWED BY:	
BRET GUILLORY, UTILITY ENGINEER	DATE
AUTHORIZED FOR CONSTRUCTION	
TRENTON C. PRALL, CITY ENGINEER	DATE
ACCEPTED AS CONSTRUCTED	
JEROD TIMOTHY, PROJECT ENGINEER	DATE

NOTE: NOTIFY AFFECTED UTILITY VENDOR 48 HOURS PRIOR TO EXCAVATIONS THAT WILL EXPOSE UTILITY LINES. THE COVER SHEET WILL HAVE A LISTING OF UTILITY VENDORS AND TELEPHONE NUMBERS.

REVISION	DESCRIPTION	DATE
REVISION Δ	_____	_____
REVISION Δ	_____	_____
REVISION Δ	_____	_____
REVISION Δ	_____	_____

ABBREVIATIONS

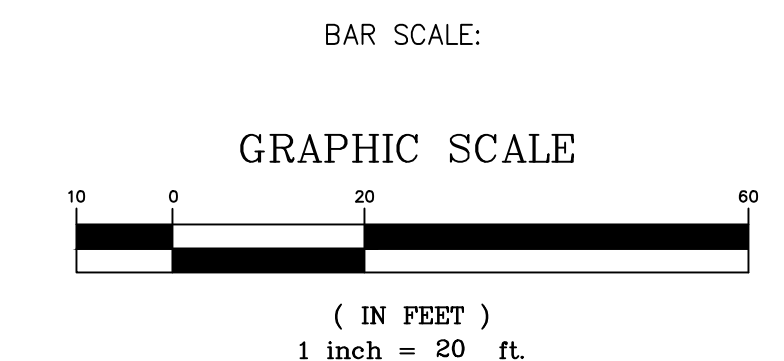
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS
ABC	AGGREGATE BASE COURSE
AC	ASBESTOS CEMENT
AP	ANGLE POINT
ASB	ANCHORED STRAW BALES
ASP	ALUMINIZED STEEL PIPE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
BC	BACK OF CURB
BF	BUTTERFLY VALVE
BOW	BACK OF WALK
BCR	BEGIN CURB RETURN
BOT	BOTTOM
BSWMP	BETTER STORM WATER MANAGEMENT PRACTICES
CH	CHORD
CAP	CORRUGATED ALUMINUM PIPE
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
CI	CAST IRON
C,G,& SW	CURB, GUTTER & SIDEWALK
CL	CENTER LINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMB	COMBINATION (AS IN STORM SEWER AND SANITARY SEWER)
CONC	CONCRETE
CSM	CITY SURVEY MONUMENT
CSP	CORRUGATED STEEL PIPE
CU	COPPER
DI	DUCTILE IRON
DWY	DRIVEWAY
E	ELECTRIC
ECR	END CURB RETURN
EG	EDGE OF GUTTER
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
FB	FULL BODY
FC	FACE OF CURB
FG	FINISHED GRADE
F	FLOW LINE
FL	FLANGE
FM	FORCE MAIN
FO	FIBER OPTICS
FS	FAR SIDE
FTG	FOOTING
G	GAS
GB	GRADE BREAK
GM	GAS METER
GV	GATE VALVE
HBP	HOT BITUMINOUS PAVEMENT
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
IRR	IRRIGATION
L	LENGTH OF ARC
LC	LONG CHORD
LF	LINEAR FEET
LL	LONG ARC
LS	SHORT ARC
LT	LEFT
MB	MAILBOX
MCSM	MESA COUNTY SURVEY MONUMENT
MH	MANHOLE
MJ	MECHANICAL JOINT
MW	MILL WRAP
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOP	NO ONE PERSON
NRCP	NON-REINFORCED CONCRETE PIPE
NS	NEAR SIDE
NTS	NOT TO SCALE
OHP	OVERHEAD POWER
OHT	OVERHEAD TELEPHONE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	POLYETHYLENE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PIP	PLASTIC IRRIGATION PIPE
POC	POINT ON CURVE
POT	POINT ON TANGENT
PR	PROPOSED
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RG	RESTRAINED GLANDS
RL	LONG RADIUS
ROW	RIGHT OF WAY
RP	RADIUS POINT
RR	RAIL ROAD
RS	SHORT RADIUS
RT	RIGHT
S	SLOPE
SAN	SANITARY
SC	SHORT CHORD
SCD	STANDARD CONTRACT DOCUMENTS
SCH	SCHEDULE
SF	SILT FENCE
SL	SECTION LINE
SSRB	STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION
SSUU	STANDARD SPECIFICATIONS FOR CONSTRUCTION OF UNDERGROUND UTILITIES
STA	STATION
STL	STEEL
STM	STORM
T	TELEPHONE
TAN	LENGTH OF TANGENT
TC	TOP OF CURB
TH	TEST HOLE
TV	TELEVISION
(TYP)	TYPICAL
UU	UNDERGROUND UTILITIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VPC	VERTICAL POINT OF CURVATURE
VPCC	VERTICAL POINT OF COMPOUND CURVATURE
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WATER
Δ	DELTA ANGLE

LEGEND

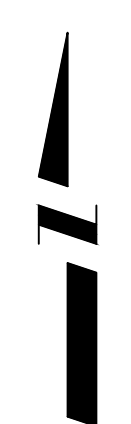
BSWMP DRAINAGE BASIN BOUNDARY	
BSWMP ANCHORED STRAW BALES	
BSWMP SILT FENCE	
BUILDING	
CONCRETE CURB AND GUTTER	
CONCRETE CURB, GUTTER, & SIDEWALK	
CONCRETE DITCH	
CONCRETE SIDEWALK	
CULVERT	
EARTH DITCH	
EDGE OF GRAVEL	
EDGE OF PAVEMENT	
FENCE (BARBED WIRE)	
FENCE (CHAIN LINK)	
FENCE (IRON)	
FENCE (PLASTIC)	
FENCE (TEMPORARY CONSTRUCTION)	
FENCE (WOOD)	
FENCE (WOVEN WIRE)	
GUARD RAIL	
HATCHING: INDICATES ASPHALT REMOVAL	
HATCHING: INDICATES CONCRETE REMOVAL	
HATCHING: INDICATES STAGING AREA	
LINE (CENTER OF IMPROVEMENTS)	
LINE (CITY LIMITS)	
LINE (CONTROL)	
LINE (EASEMENT)	
LINE (MONUMENT/SECTION)	
LINE (PROPERTY)	
LINE (RIGHT OF WAY)	
MATCH LINE	
PIPE (IRRIGATION)	
PIPE (SIPHON)	
PROPOSED CONCRETE CURB AND GUTTER	
PROPOSED CONCRETE CURB, GUTTER, & SIDEWALK	
PROPOSED CONCRETE SIDEWALK	
PROPOSED "WET" UTILITIES (CONSTRUCTION NOTE WILL INDICATE TYPE, SIZE, AND MATERIAL OF NEW MAIN)	
ALL PROPOSED FEATURES NOT SHOWN IN LEGEND WILL BE SHOWN THE SAME AS THEIR EXISTING COUNTERPART, BUT INDICATED BY BOLDER LINETYPE	
RAIL ROAD	
RETAINING WALL	
STRIPING (CONTINUOUS WHITE)	
STRIPING (DASHED WHITE)	
STRIPING (CONTINUOUS YELLOW)	
STRIPING (DASHED YELLOW)	
TOP OF SLOPE	
CONTOUR LINES (SHOWN BETWEEN TOP & TOE)	
TOE OF SLOPE	
TRAFFIC DETECTOR LOOP	
UTILITY LINE (ABANDON) (THIS CASE A WATER LINE)	
UTILITY LINE (CABLE TV)	
UTILITY LINE (ELECTRIC)	
UTILITY LINE (FIBER OPTIC)	
UTILITY LINE (GAS)	
UTILITY LINE (HIGH VOLTAGE OVERHEAD POWER)	
UTILITY LINE (OVERHEAD POWER)	
UTILITY LINE (OVERHEAD TELEPHONE)	
UTILITY LINE (SANITARY SEWER)	
UTILITY LINE (SANITARY SEWER FORCE MAIN)	
UTILITY LINE (SANITARY SEWER SERVICE)	
UTILITY LINE (STORM SEWER)	
UTILITY LINE (STORM SEWER, PERFORATED)	
UTILITY LINE (STORM/SANITARY SEWER SEWER COMBINATION)	
UTILITY LINE (TELEPHONE)	
UTILITY LINE (WATER)	

SYMBOLS

BENCH MARK	
CATCH BASIN	
CLEAN OUT	
CURB STOP	
FIRE HYDRANT	
GUY WIRE ANCHOR	
HEADGATE	
IRRIGATION PUMP	
MAILBOX	
MANHOLE (ELECTRIC)	
MANHOLE (GAS)	
MANHOLE (SANITARY/STORM)	
MANHOLE (TELEPHONE)	
MANHOLE (TV)	
MANHOLE (WATER)	
METER (GAS)	
METER (WATER)	
PEDESTAL (TELEPHONE)	
PEDESTAL (TV)	
PROPERTY PIN	
PULL BOX	
REDUCER FITTING	
SIGN OR POST (SIGN TYPE NOTED)	
SPRINKLER HEAD	
STREET LIGHT	
SURVEY MONUMENT (CITY)	
SURVEY MONUMENT (TYPE NOTED)	
TEST HOLE	
TRAFFIC PAINT MARKING	
TRAFFIC SIGNAL POLE AND MAST ARM	
UTILITY POLE	
VALVE (GAS)	
VALVE (IRRIGATION)	
VALVE (WATER)	
VEGETATION (HEDGE OR BUSH)	
VEGETATION (TREE STUMP)	
VEGETATION (TREE) (CALIPER SIZE NOTED)	
WATER HYDRANT	
WEIR	
YARD LIGHT	



NORTH ARROW:



REVISION	DESCRIPTION	DATE

DRAWN BY	HMC	DATE	2014
DESIGNED BY		DATE	
CHECKED BY		DATE	
APPROVED BY		DATE	

SCALE

PLAN PROFILE

HORIZ. 1"=20' HORIZ. _____

VERT. _____

PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

CITY OF GRAND JUNCTION STANDARD ABBREVIATIONS, LEGEND, AND SYMBOLS SHEET

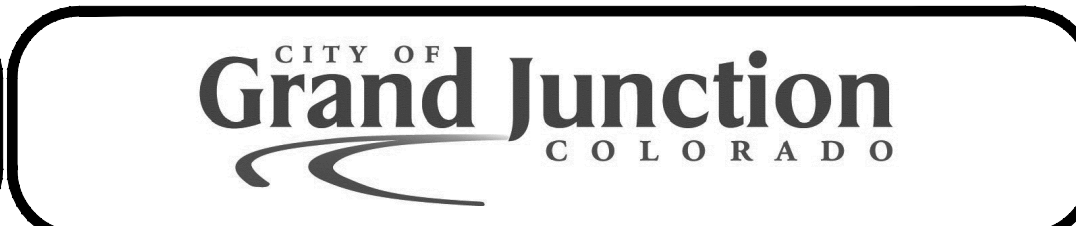
Bid Schedule: Safe Routes to Schools

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Culvert End Section (Flared)	1.	EA	\$ _____	\$ _____
2	108.2	8" Irrigation Pipe (SDR 35) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	10.	LF	\$ _____	\$ _____
3	108.2	12" Irrigation Pipe (SDR 35) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	11.	LF	\$ _____	\$ _____
4	108.2	12" Irrigation Pipe (ADS HP Storm Pipe) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	866.	LF	\$ _____	\$ _____
5	108.2	15" Storm Drain Pipe (SDR 35) w/ native backfill. Includes type A bedding, haunching, initial backfill, and Clay cut-off walls.	22.	LF	\$ _____	\$ _____
6	108.5	Irrigation Sump Structure (See Detail on Plan Sheet 15)	9.	EA	\$ _____	\$ _____
7	108.5	Connect to Existing Manhole (15" Pipe)	1.	EA	\$ _____	\$ _____
8	108.6	Single Storm Drain Inlet (Vertical Curb)	1.	EA	\$ _____	\$ _____
9	202	Removal of Existing Irrigation System. Shall include the Removal of all Pipe, Concrete Ditch and Appurtenances. Fill Void w/ Approved Material.	725.	LF	\$ _____	\$ _____
10	206	Structure Backfill (Flow-Fill) (See Detail on Plan Sheet 15).	20.	CY	\$ _____	\$ _____
11	207	Topsoil	5.	SY	\$ _____	\$ _____
12	208	Erosion Control (Complete in Place)	1.	LUMP	\$ _____	\$ _____
13	210	Reset Structures (Mail Box)	6.	EA	\$ _____	\$ _____
14	210	Reset Structures (Sign/Post)	7.	EA	\$ _____	\$ _____
15	210	Reset Structures (4' Chain Link Fence)	60.	LF	\$ _____	\$ _____
16	210	Reset Structures (Wooden Split Rail)	8.	LF	\$ _____	\$ _____
17	210	Reset Sprinkler Head	1.	EA	\$ _____	\$ _____
18	304	Aggregate Base Course (Class 6) (Unit Weight Used = 136 lbs/cubic foot)	640.	TON	\$ _____	\$ _____
19	304/401	Hot Bituminous Pavement (Patching) (3-inch thick) (Grading SX) (Including Class 6 Aggregate Base Course 4" Thick)	550.	SY	\$ _____	\$ _____
20	608	Concrete Sidewalk (4" Thick)	177.	SY	\$ _____	\$ _____
21	608	Concrete Curb Ramp	43.	SY	\$ _____	\$ _____
22	608	Monolithic Vertical Curb, Gutter and Sidewalk	1,163.	SY	\$ _____	\$ _____
23	608	Concrete Drainage Pan	2.	SY	\$ _____	\$ _____
24	608	Concrete Driveway Section (6" Thick)	214.	SY	\$ _____	\$ _____
25	608	Concrete Driveway Section (8" Thick)	284.	SY	\$ _____	\$ _____
26	608	Detectable Warning (Wet Set) (City Supplied)	5.	EA	\$ _____	\$ _____
27	608	Sidewalk Drain Trough	5.5	EA	\$ _____	\$ _____
28	620	Sanitary Facility	1.	EA	\$ _____	\$ _____
29	626	Mobilization	1.	EA	\$ _____	\$ _____
30	630	Traffic Control (Complete In Place)	1.	EA	\$ _____	\$ _____
31	630.09	Traffic Control Plan	1.	EA	\$ _____	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ 10,000.00*
			Bid Amount:		\$ _____	
Bid Amount:						dollars

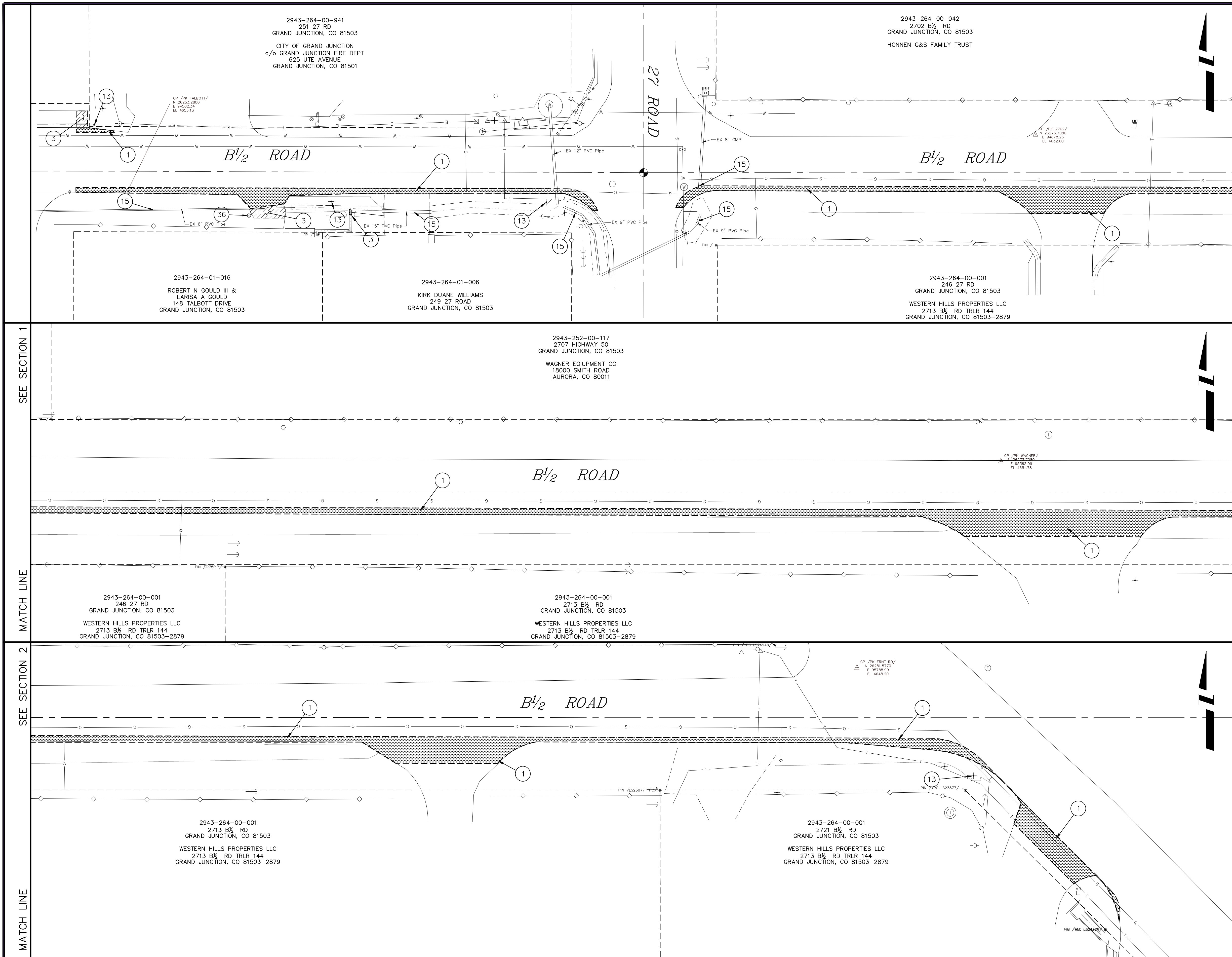
REVISION Δ	DESCRIPTION	DATE	DRAWN BY _____	DATE _____
REVISION Δ	_____	_____	DESIGNED BY _____	DATE _____
REVISION Δ	_____	_____	CHECKED BY _____	DATE _____
REVISION Δ	_____	_____	APPROVED BY _____	DATE _____

SCALE
N.T.S.



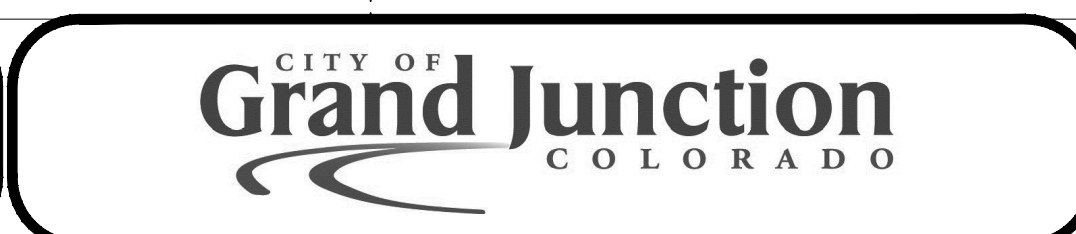
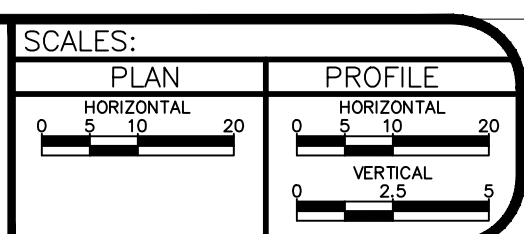
PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS SUMMARY OF APPROXIMATE QUANTITIES



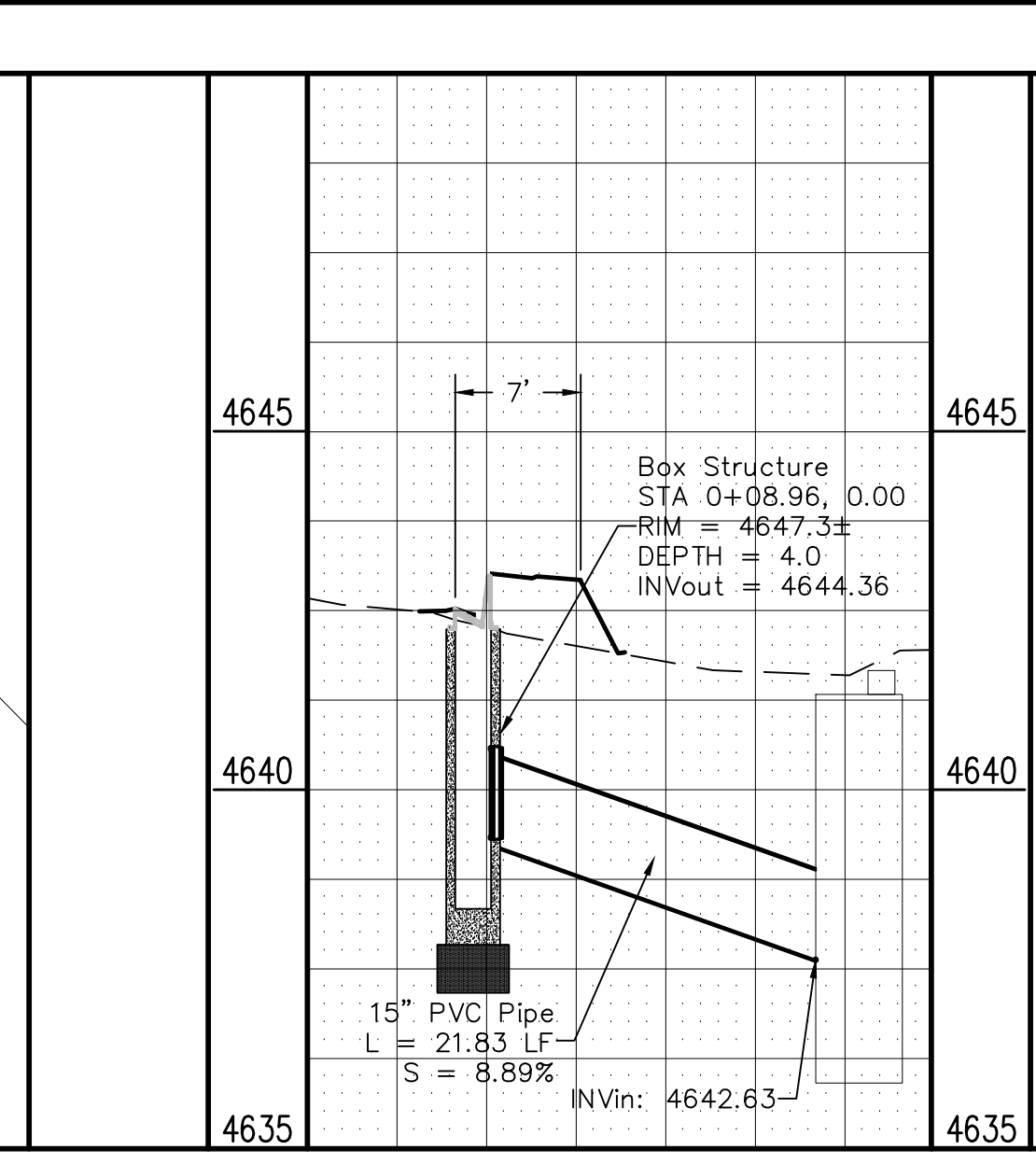
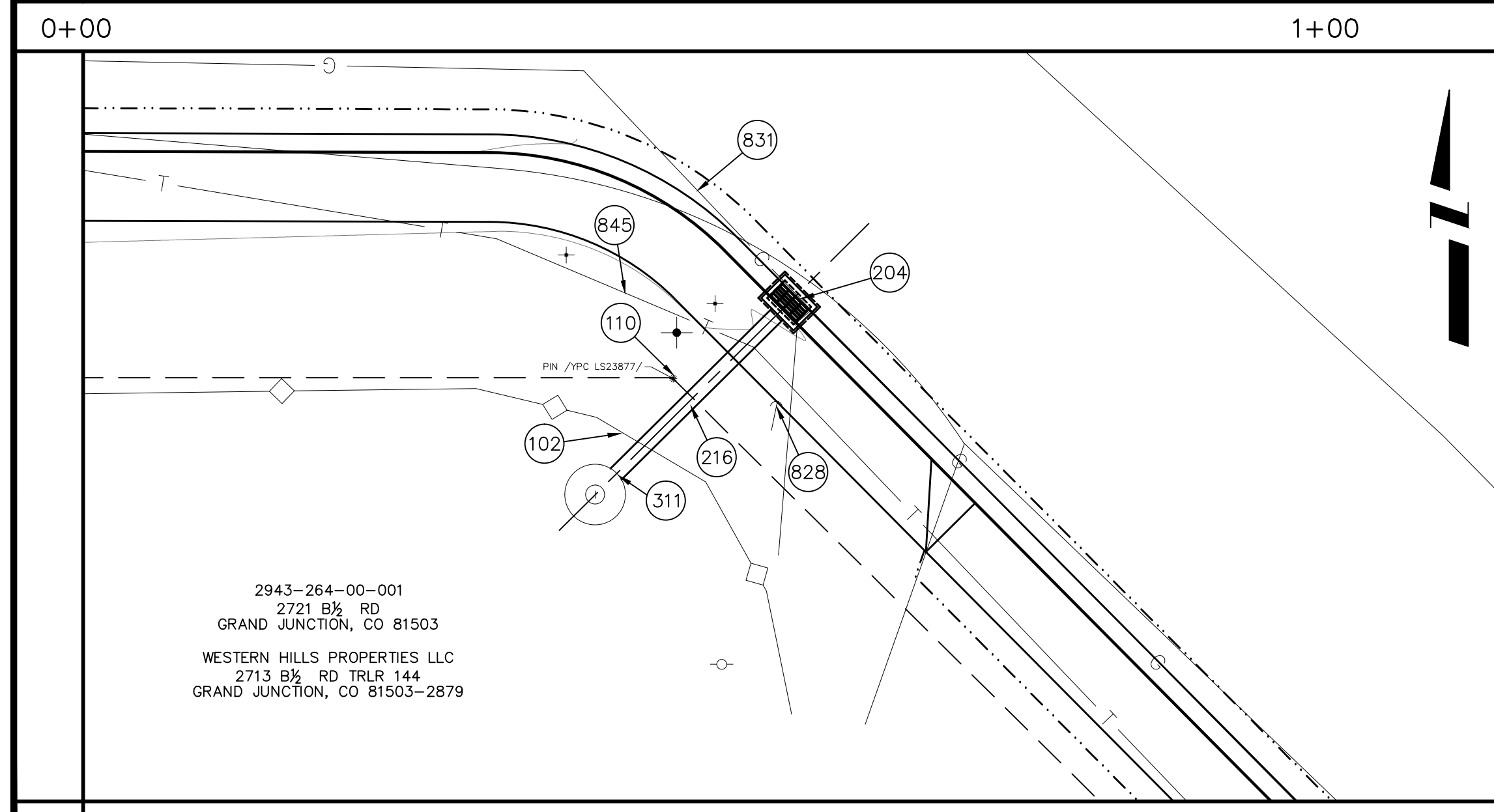
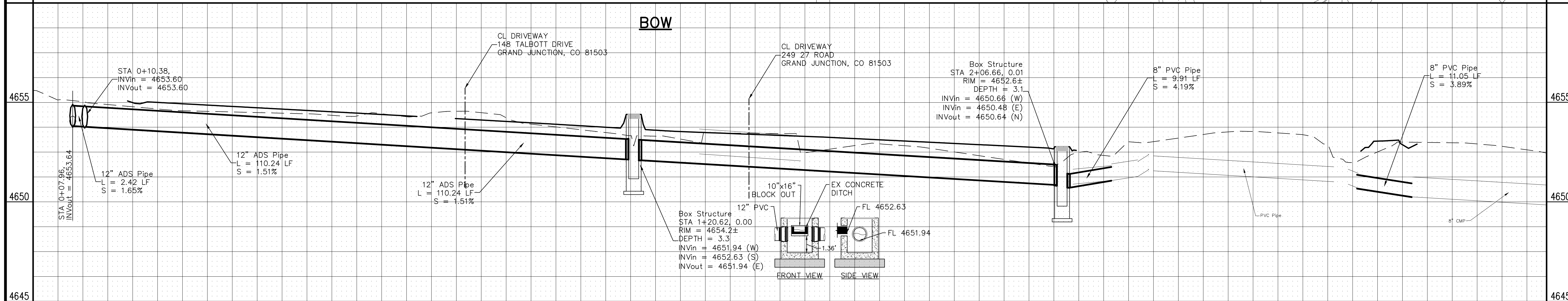
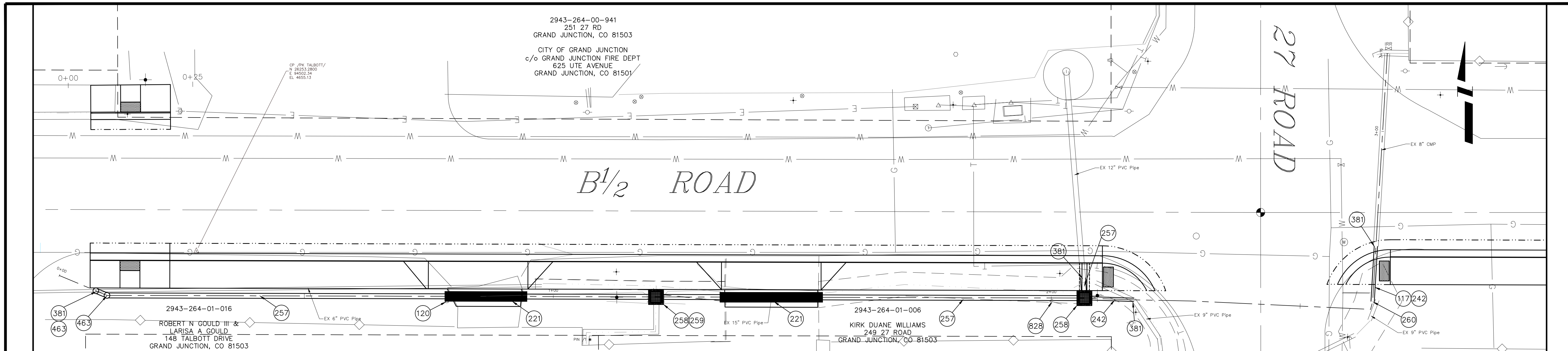
SEE SECTION 2	PROJECT NO. _____
	CONSTRUCTION NOTES
SEE SECTION 1	<p>1 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)</p> <p>3 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.</p> <p>13 202 - REMOVAL OF GROUND SIGN. CONTRACTOR SHALL REMOVE SIGN AND POST AND RETURN TO THE TRAFFIC DEPARTMENT AT CITY SHOPS. CONTRACTOR SHALL PROVIDE TEMPORARY STOP SIGNS, AND REGULATORY SIGNS PER THE M.U.T.C.D..</p> <p>15 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)</p> <p>36 REMOVAL OF SPRINKLER</p>
SEE SECTION 3	

REVISION	DESCRIPTION	DATE	DRAWN BY	HMC	DATE	2014
REVISION			DESIGNED BY	JKT	DATE	2014
REVISION			CHECKED BY		DATE	
REVISION			APPROVED BY		DATE	



PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

**SAFE ROUTES TO SCHOOLS
B 1/2 ROAD DEMOLITION PLAN**



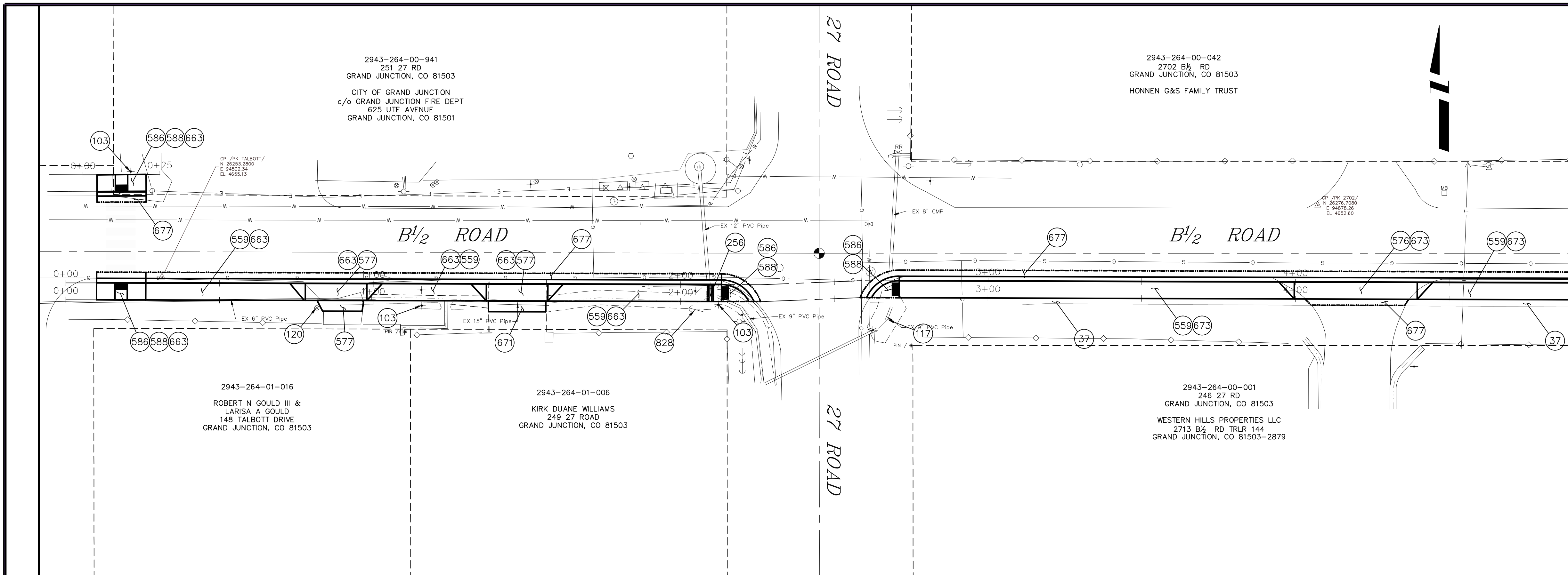
- PROJECT NO. _____
- CONSTRUCTION NOTES**
- (102) 210 - RESET FENCE.
 - (110) 629 - REFERENCE AND RESET PROPERTY PIN
 - (117) 210 - RECONSTRUCT DITCH
 - (120) 210 - RESET SPRINKLER.
 - (204) 102.13/108.6 - SINGLE STORM DRAIN INLET (VERTICAL CURB) (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-07).
 - (216) 102.10/108.2 - 15" STORM DRAIN PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - (221) 102.10/108.2 - 12" IRRIGATION PIPE (ADS HP STORM PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL. (FLOW-FILL BACKFILL) REFER TO DETAIL ON SHEET 15.
 - (242) 108.2 - 8" IRRIGATION PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - (257) 102.10/108.2 - 12" IRRIGATION PIPE (ADS HP STORM PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - (258) CONCRETE IRRIGATION STRUCTURE. SEE STANDARD DETAIL ON SHEET 15.
 - (259) GROUT TROUGH INTERFACE AT IRRIGATION STRUCTURE. SAW CUT CONCRETE TROUGH AT STRUCTURE.
 - (260) 108.2 - 8" CULVERT END SECTION (FLARED)
 - (311) 102.11/108.5 - CONNECT TO EXISTING MANHOLE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-08).
 - (381) CONNECT TO EXISTING PIPE. CONTRACT PRICE FOR IRRIGATION PIPE SHALL INCLUDE COST TO CONNECTION.
 - (463) 102.8/108.3 - 12", 22 1/2" ELBOW
 - (828) PROTECT GUY WIRE
 - (831) RESET GAS LINE (BY OTHERS).
 - (845) NOTE: NOTIFY AFFECTED UTILITY VENDOR 48 HOURS PRIOR TO EXCAVATIONS THAT WILL EXPOSE UTILITY LINES. THE COVER SHEET WILL HAVE A LISTING OF UTILITY VENDORS AND TELEPHONE NUMBERS.

REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	SCALES:
REVISION			HMC	2014	PLAN: HORIZONTAL 1"=20'
REVISION			JKT	2014	
REVISION					VERTICAL 2"=5'
REVISION					

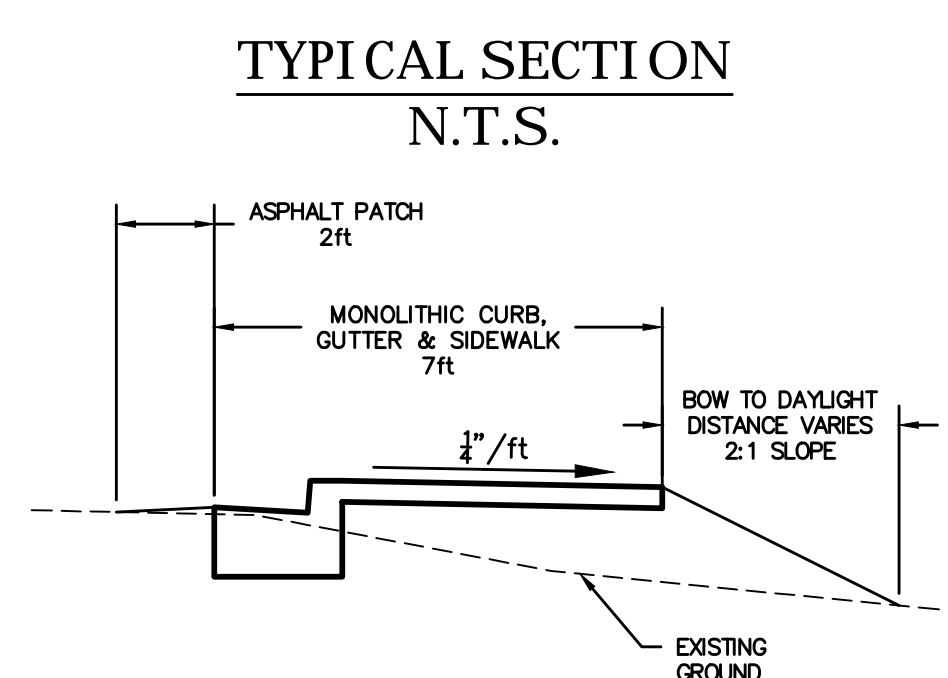
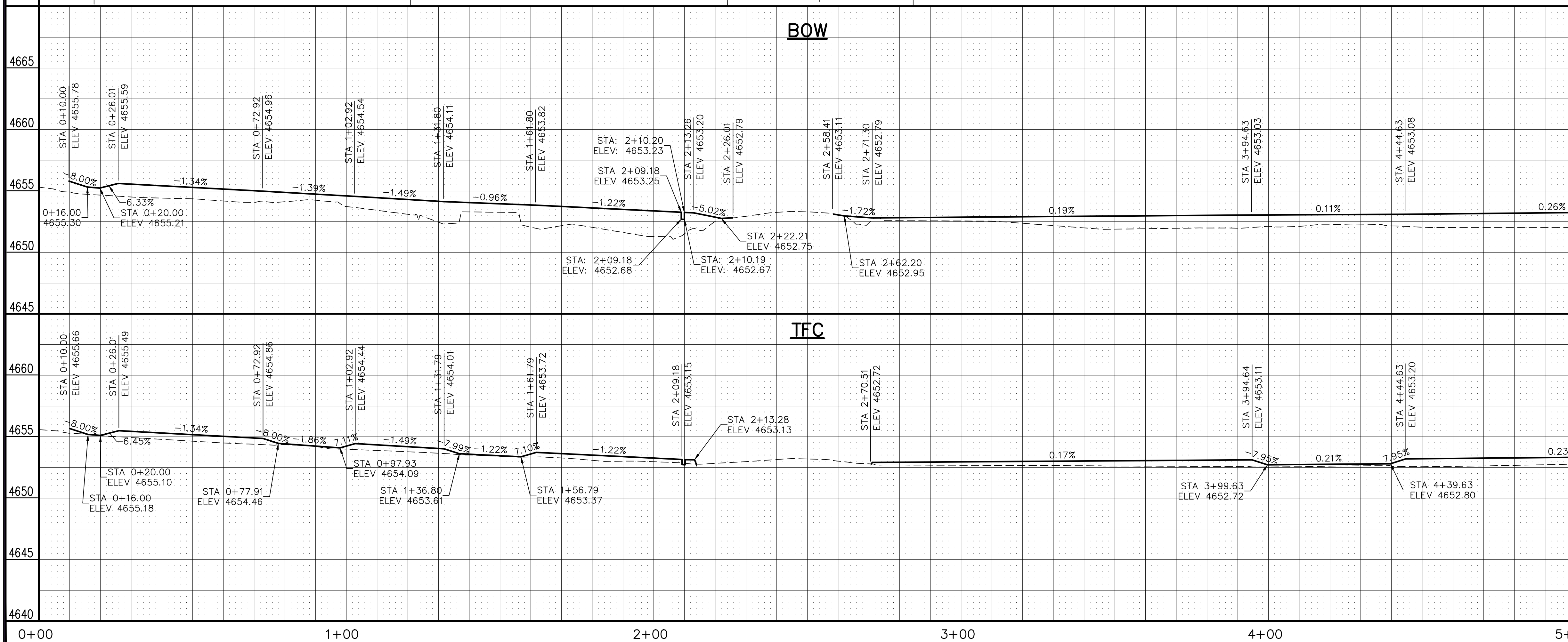


PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

**SAFE ROUTES TO SCHOOLS
B 1/2 ROAD IRRIGATION PLAN AND PROFILE
STA 0+00 TO STA 5+00**



- PROJECT NO. _____
- CONSTRUCTION NOTES**
- (37) 304 - CLASS 6 AGGREGATE BASE COURSE AT BACK OF WALK (2:1 SLOPE) (EDGE TREATMENT). COMPACTED TO 90% AASHTO T-180. PAID PER TON
 - (103) 210 - RESET SIGN.
 - (117) 210 - RECONSTRUCT DITCH
 - (120) 210 - RESET SPRINKLER.
 - (256) 102.13/108.6 - DRAIN TROUGH FOR SIDEWALK CROSSING (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-13).
 - (559) 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7' WIDE)
 - (576) 608.06 - CONCRETE DRIVEWAY SECTION (8" THICK) (COMMERCIAL)
 - (577) 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
 - (586) 608.06 - CONCRETE CURB RAMP
 - (588) 608.06 - DETECTABLE WARNING (CAST IRON)(WEST SET)
 - (663) 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - (671) 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
 - (673) 304 - AGGREGATE BASE COURSE (CLASS 6) (THICKNESS VARIES) PAID BY THE TON
 - (677) 401.08 - HOT BITUMINOUS PAVEMENT (3" THICK) (GRADING SX, BINDER GRADE PG 64-22) TO INCLUDE 4" AGGREGATE BASE COURSE (CLASS 6)
 - (828) PROTECT GUY WIRE



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				

SCALES:	PLAN	PROFILE
	HORIZONTAL: 1" = 20'	HORIZONTAL: 1" = 20'
	VERTICAL: 1" = 5'	VERTICAL: 1" = 5'



PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

**SAFE ROUTES TO SCHOOLS
B 1/2 ROAD SIDEWALK PLAN AND PROFILE
STA 0+00 TO STA 5+00**

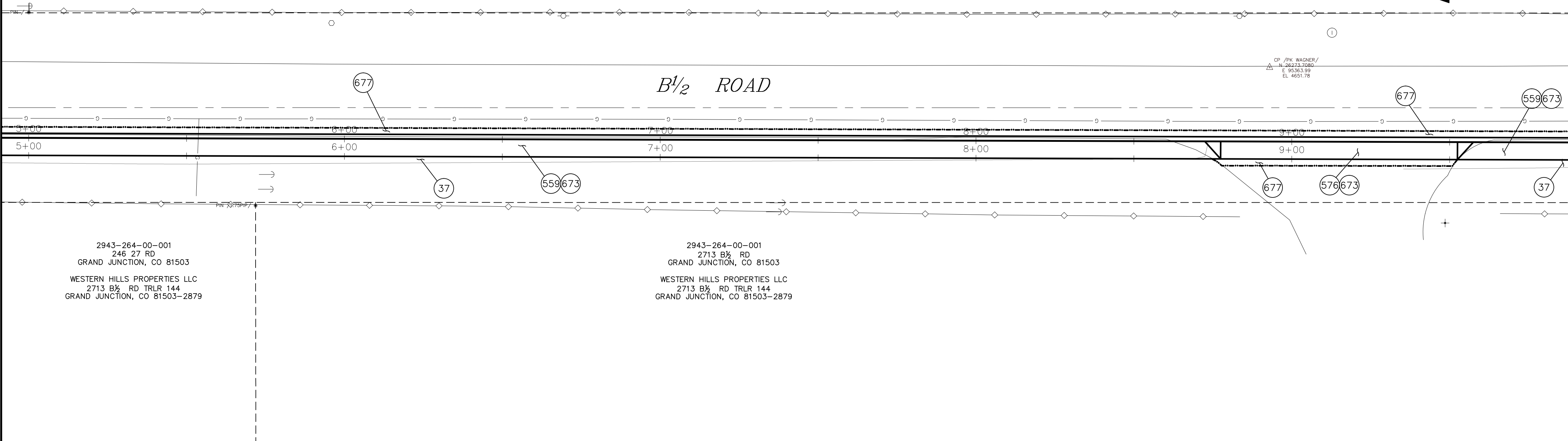
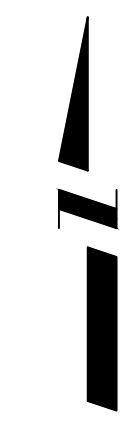
SEE SHEET 06

MATCH LINE

SEE SHEET 08

MATCH LINE

2943-252-00-117
 2707 HIGHWAY 50
 GRAND JUNCTION, CO 81503
 WAGNER EQUIPMENT CO
 18000 SMITH ROAD
 AURORA, CO 80011

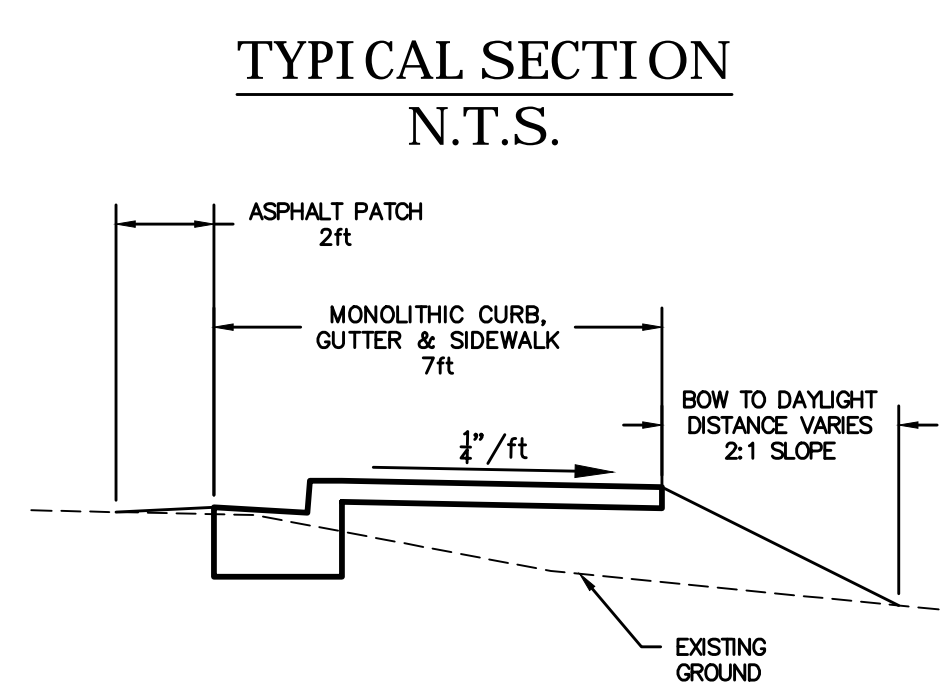
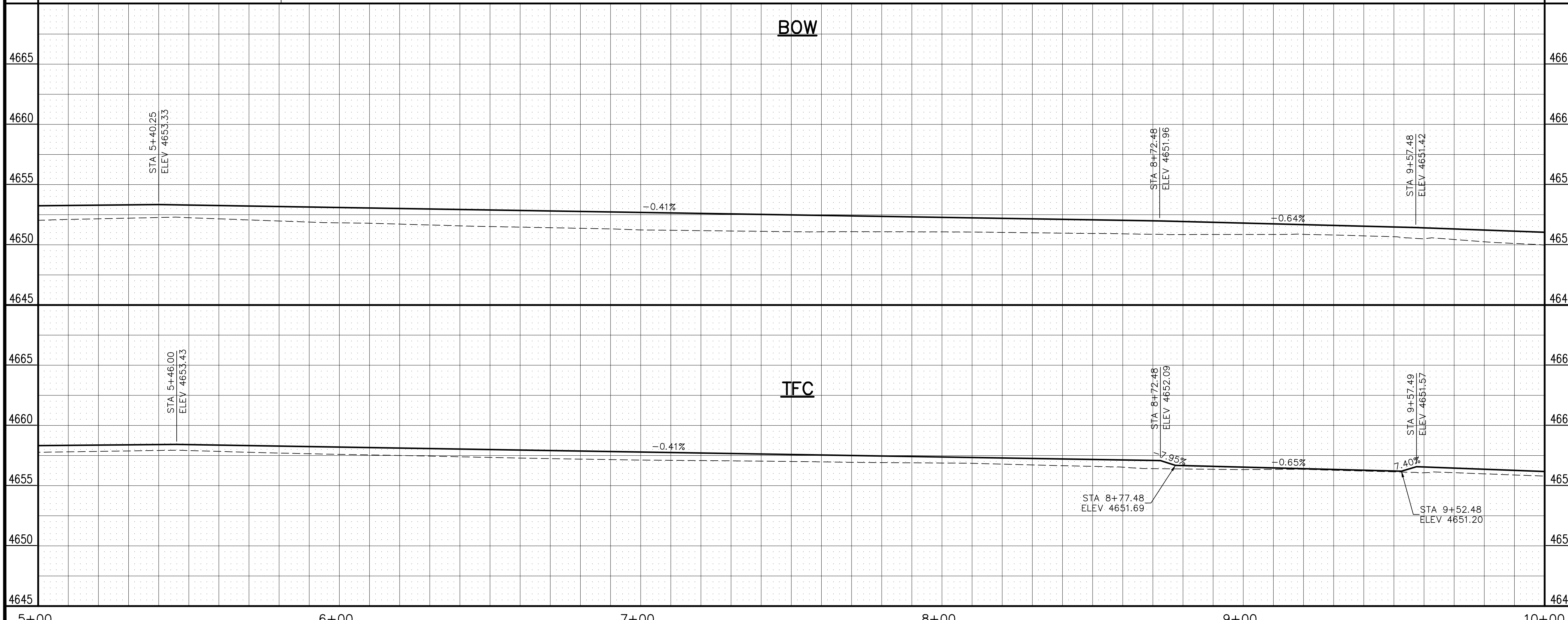


PROJECT NO. _____

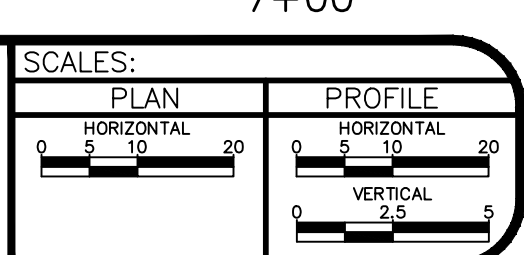
- CONSTRUCTION NOTES**
- (37) 304 - CLASS 6 AGGREGATE BASE COURSE AT BACK OF WALK (2:1 SLOPE) (EDGE TREATMENT). COMPACTED TO 90% AASHTO T-180. PAID PER TON
 - (559) 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7' WIDE).
 - (576) 608.06 - CONCRETE DRIVEWAY SECTION (8" THICK) (COMMERCIAL)
 - (663) 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - (673) 304 - AGGREGATE BASE COURSE (CLASS 6) (THICKNESS VARIES) PAID BY THE TON
 - (677) 401.08 - HOT BITUMINOUS PAVEMENT (3" THICK) (GRADING SX, BINDER GRADE PG 64-22) TO INCLUDE 4" AGGREGATE BASE COURSE (CLASS 6)

2943-264-00-001
 246 27 RD
 GRAND JUNCTION, CO 81503
 WESTERN HILLS PROPERTIES LLC
 2713 B 1/2 RD TRLR 144
 GRAND JUNCTION, CO 81503-2879

2943-264-00-001
 2713 B 1/2 RD
 GRAND JUNCTION, CO 81503
 WESTERN HILLS PROPERTIES LLC
 2713 B 1/2 RD TRLR 144
 GRAND JUNCTION, CO 81503-2879



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				



PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

**SAFE ROUTES TO SCHOOLS
 B 1/2 ROAD SIDEWALK PLAN AND PROFILE
 STA 5+00 TO STA 10+00**

SEE SHEET 07

MATCH LINE

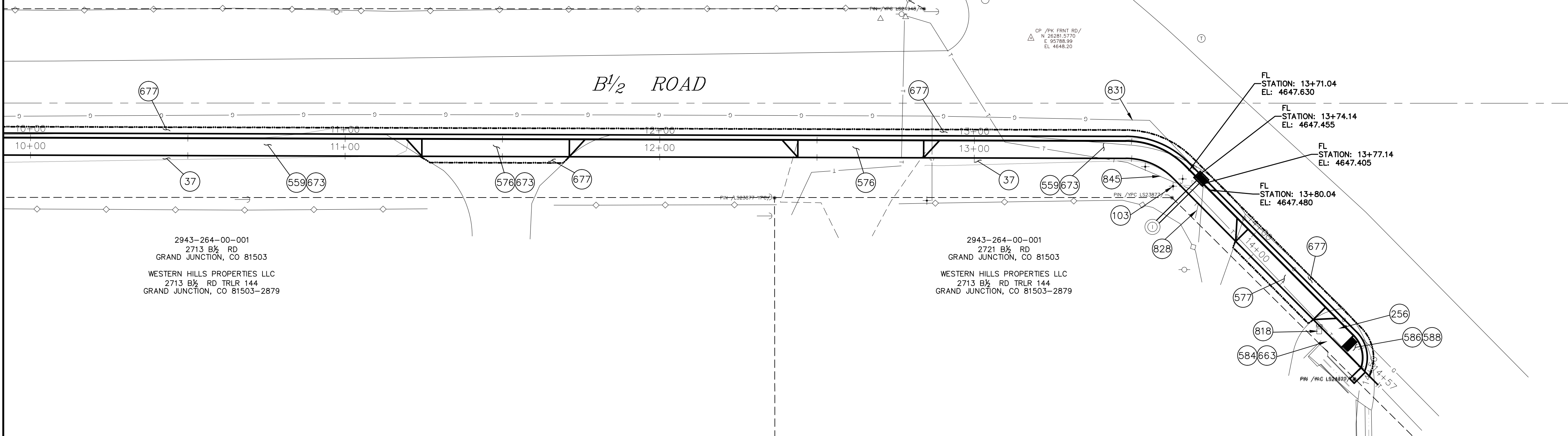
2943-252-00-117
2707 HIGHWAY 50
GRAND JUNCTION, CO 81503
WAGNER EQUIPMENT CO
18000 SMITH ROAD
AURORA, CO 80011

2943-264-00-001
2713 B 1/2 RD
GRAND JUNCTION, CO 81503
WESTERN HILLS PROPERTIES LLC
2713 B 1/2 RD TRLR 144
GRAND JUNCTION, CO 81503-2879

2943-264-00-001
2721 B 1/2 RD
GRAND JUNCTION, CO 81503
WESTERN HILLS PROPERTIES LLC
2713 B 1/2 RD TRLR 144
GRAND JUNCTION, CO 81503-2879

FRONTAGE ROAD

B 1/2 ROAD

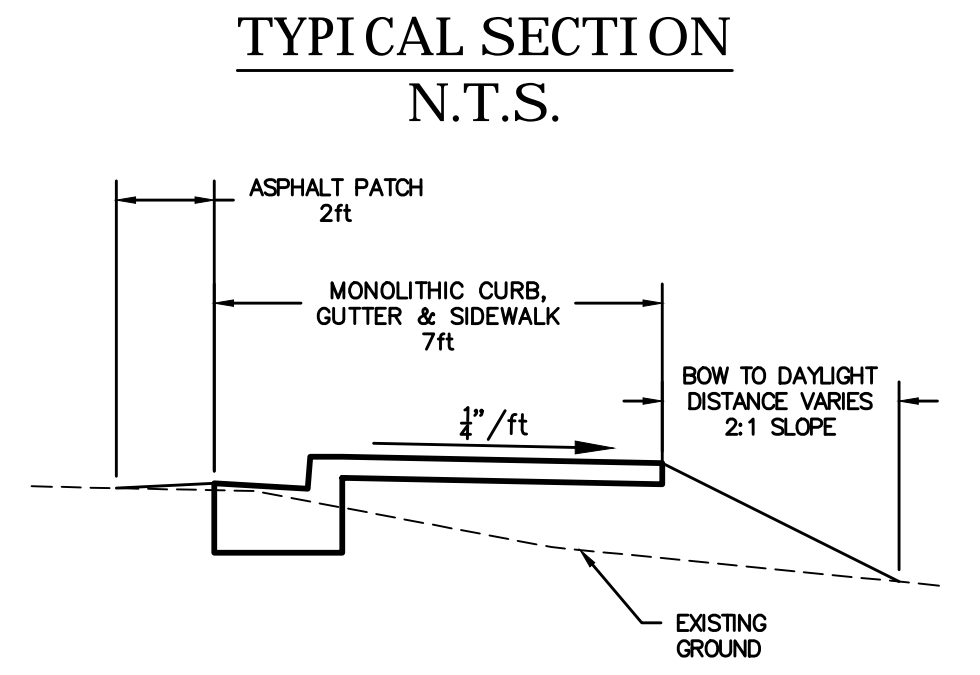
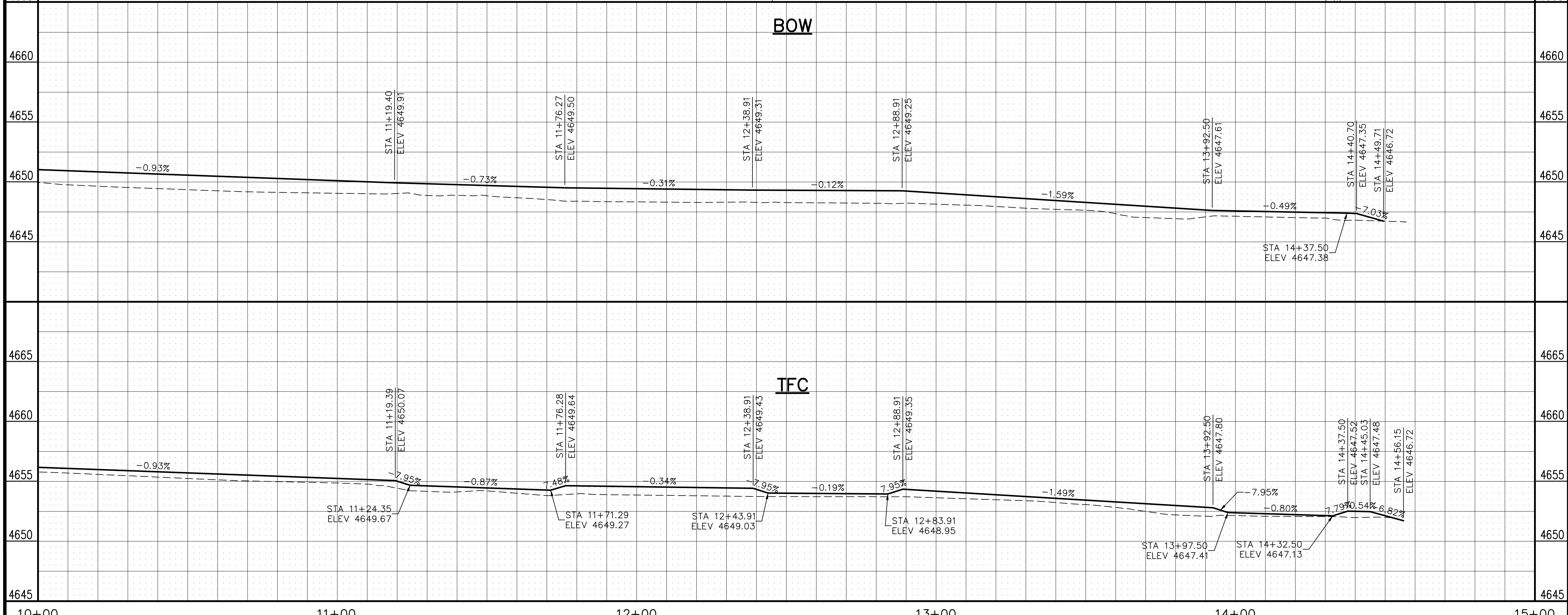


PROJECT NO. _____

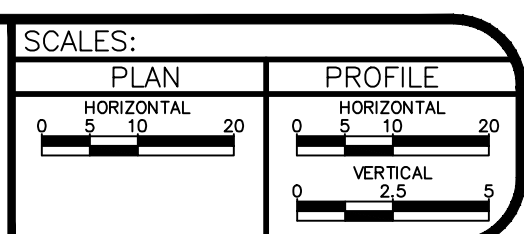
- CONSTRUCTION NOTES**
- (37) 304 - CLASS 6 AGGREGATE BASE COURSE AT BACK OF WALK (2:1 SLOPE) (EDGE TREATMENT). COMPACTED TO 90% AASHTO T-180. PAID PER TON
 - 103 210 - RESET SIGN.
 - (256) 102.13/108.6 - DRAIN TROUGH FOR SIDEWALK CROSSING (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-13).
 - (559) 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7' WIDE).
 - (576) 608.06 - CONCRETE DRIVEWAY SECTION (8" THICK) (COMMERCIAL)
 - (577) 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
 - (584) 608.06 - CONCRETE DRAINAGE PAN (2' WIDE)
 - (586) 608.06 - CONCRETE CURB RAMP
 - (588) 608.06 - DETECTABLE WARNING (CAST IRON)(WEST SET)
 - (663) 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - (673) 304 - AGGREGATE BASE COURSE (CLASS 6) (THICKNESS VARIES) PAID BY THE TON
 - (677) 401.08 - HOT BITUMINOUS PAVEMENT (3" THICK) (GRADING SX, BINDER GRADE PG 64-22) TO INCLUDE 4" AGGREGATE BASE COURSE (CLASS 6)
 - (818) PROTECT MAILBOX.
 - (828) PROTECT GUY WIRE
 - (831) RESET GAS LINE (BY OTHERS).
 - (845) NOTE: NOTIFY AFFECTED UTILITY VENDOR 48 HOURS PRIOR TO EXCAVATIONS THAT WILL EXPOSE UTILITY LINES. THE COVER SHEET WILL HAVE A LISTING OF UTILITY VENDORS AND TELEPHONE NUMBERS.

BOW

TFC



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				

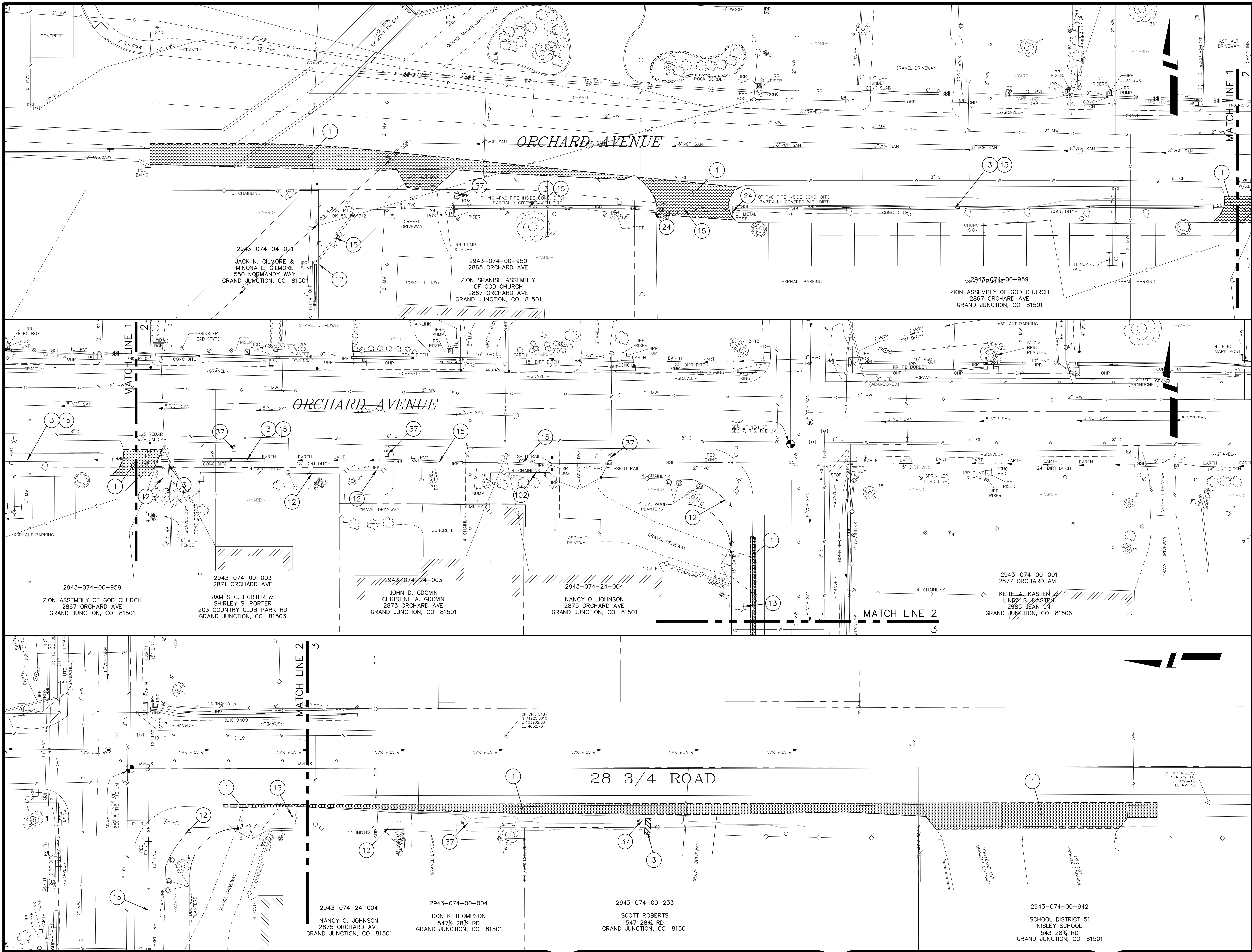


PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS
B 1/2 ROAD SIDEWALK PLAN AND PROFILE
STA 10+00 TO STA 15+00

CONSTRUCTION NOTES

- ① 202 - REMOVAL OF ASPHALT MAT. CUT AND REMOVE ASPHALT AS SHOWN. (INDICATED BY DOT HATCH PATTERN)
- ③ 202 - REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO CURB, GUTTER, SIDEWALK, DRIVEWAY, SLABS, V-PAN, CURB RAMPS, INTERSECTION CORNERS, APRONS, AND LANDSCAPE BORDERS.
- ⑫ 202 - REMOVAL OF FENCE AS SHOWN. (HEIGHT AND MATERIAL AS SHOWN ON PLAN)
- ⑬ 202 - REMOVAL OF GROUND SIGN.
- ⑮ 202 - REMOVAL OF PIPE AS SHOWN. (SIZE AND TYPE AS SHOWN ON PLAN)
- ⑳ 202 - REMOVAL OF EXISTING POST.
- ㉟ 202 - REMOVAL OF MAILBOX



REVISION	DESCRIPTION	DATE
1		
2		
3		
4		

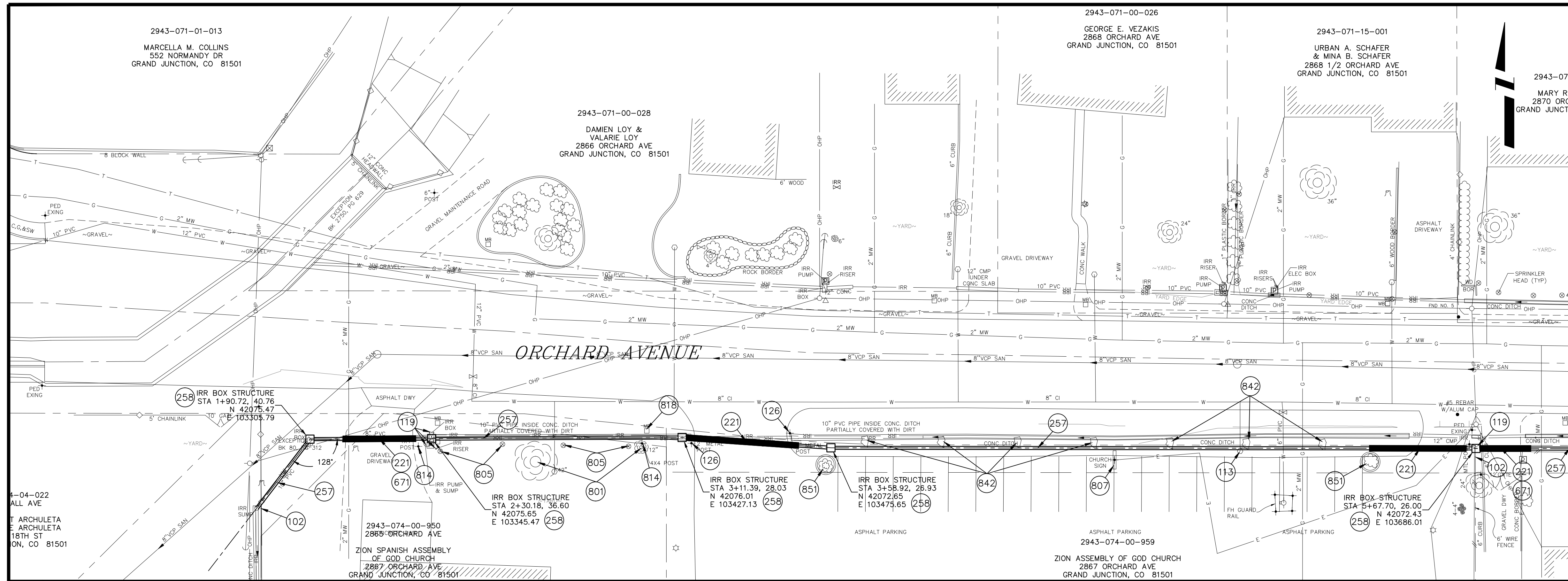
DRAWN BY	HMC	DATE	2014
DESIGNED BY	JKT	DATE	2014
CHECKED BY		DATE	
APPROVED BY		DATE	

SCALES:	
PLAN	PROFILE
HORIZONTAL	HORIZONTAL
1" = 20'	1" = 10'
VERTICAL	VERTICAL
1" = 2'	1" = 5'



PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

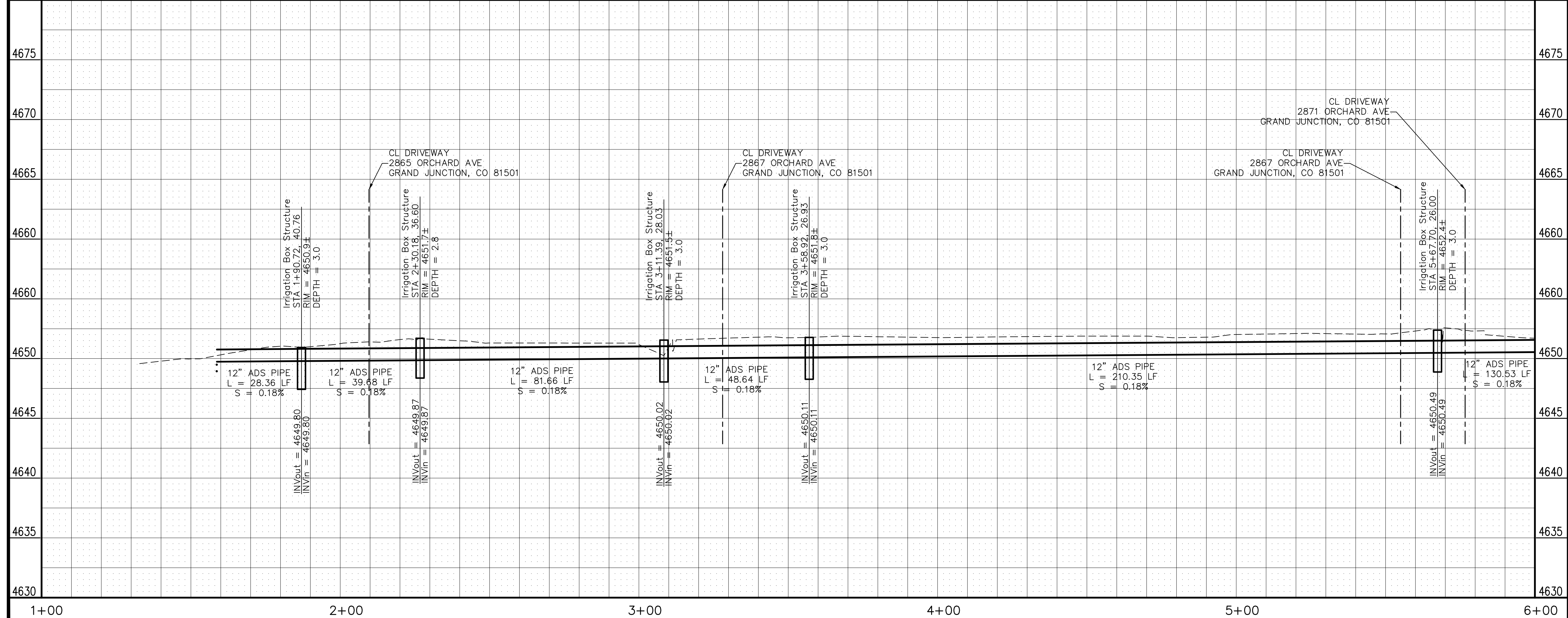
**SAFE ROUTES TO SCHOOLS
ORCHARD AVENUE TO 28 3/4 ROAD
SIDEWALK DEMOLITION PLAN**



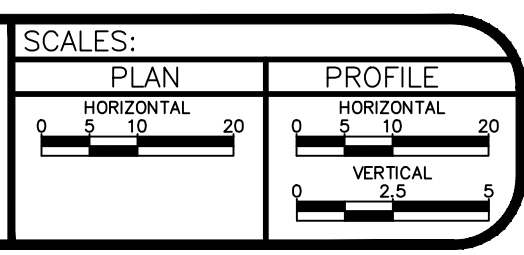
SEE SHEET 11

MATCH LINE

- PROJECT NO. _____
- CONSTRUCTION NOTES
- (102) 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - (113) 210 - RESET WATER METER (BY OTHERS).
 - (119) 210 - RESET OR RECONSTRUCT IRRIGATION STRUCTURE
 - (126) 210 - RESET POST
 - (221) 102.10/108.2 - 12" IRRIGATION PIPE (ADS HP STORM PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL. (FLOW-FILL BACKFILL) REFER TO DETAIL ON SHEET 15.
 - (257) 102.10/108.2 - 12" IRRIGATION PIPE (ADS HP STORM PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - (258) CONCRETE IRRIGATION STRUCTURE. SEE STANDARD DETAIL ON SHEET 15.
 - (671) 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
 - (801) PROTECT TREE
 - (805) PROTECT SPRINKLER HEAD.
 - (807) PROTECT SIGN.
 - (814) PROTECT POST.
 - (816) PROTECT MAILBOX.
 - (835) RESET UTILITY POLE (BY OTHERS).
 - (842) RESET LANDSCAPE STONES
 - (851) PROTECT PLANTER

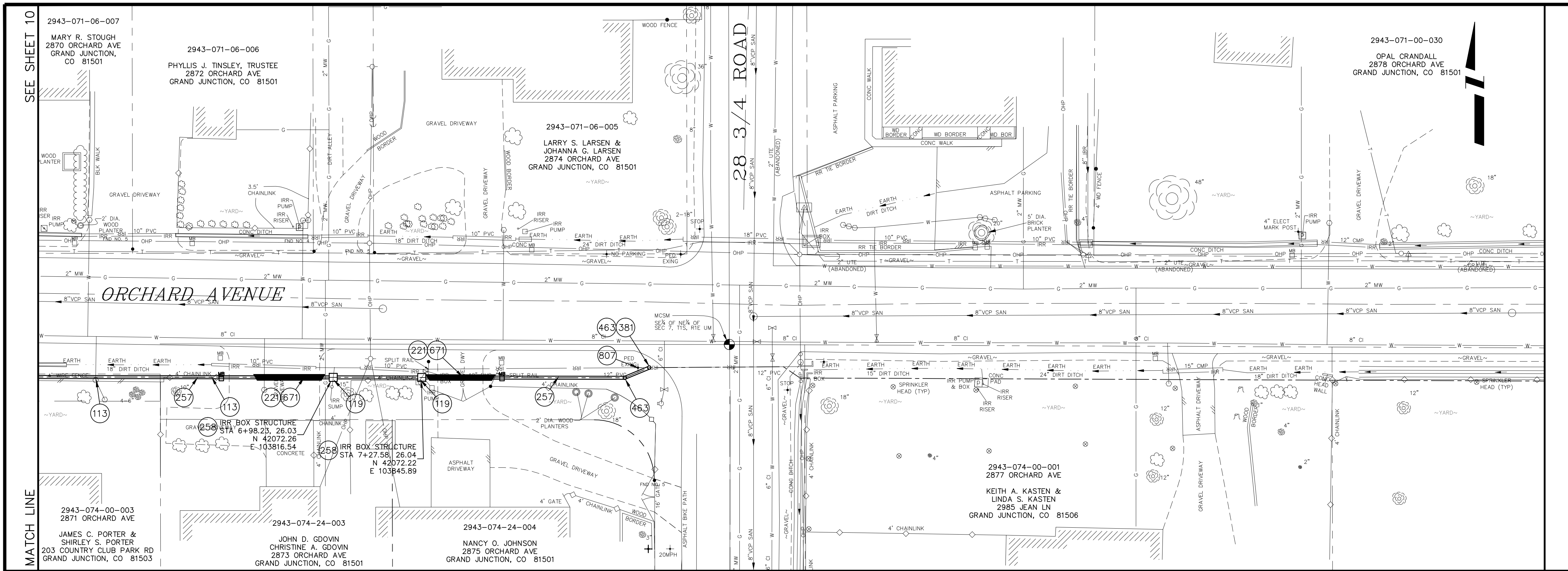


REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				



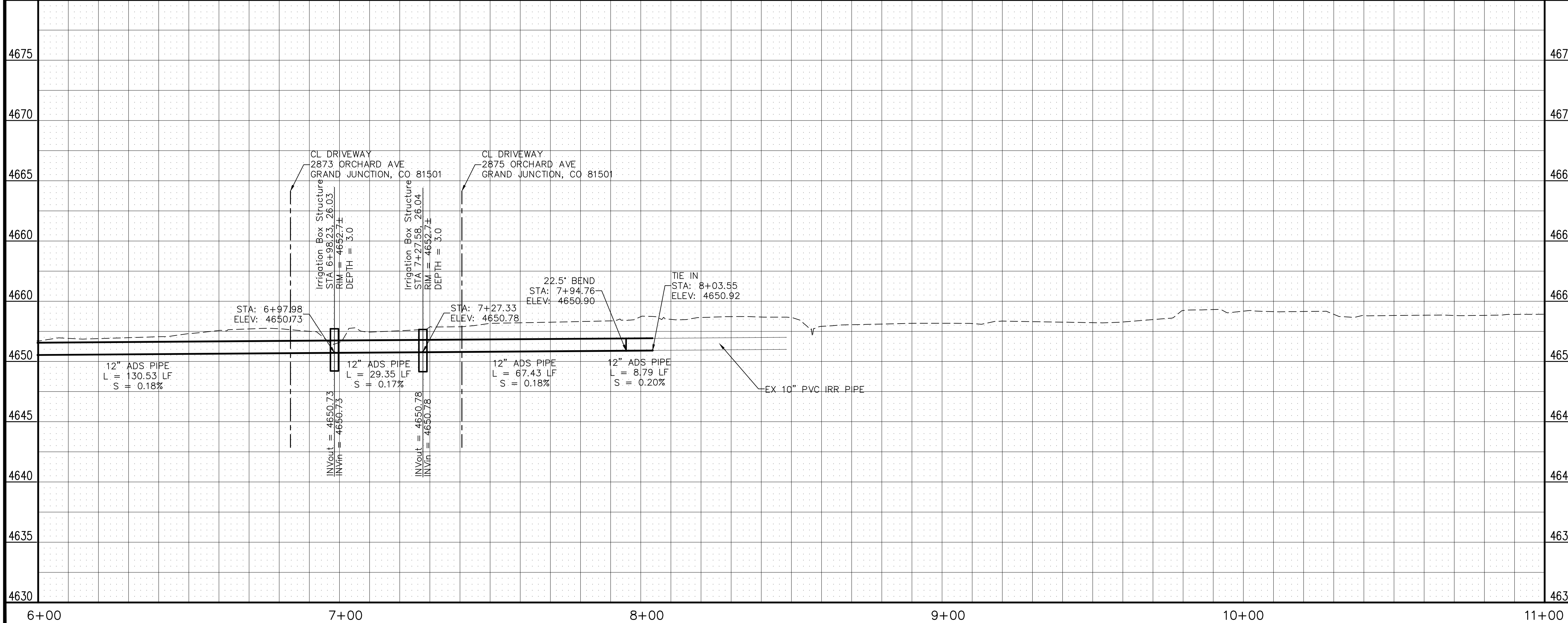
PUBLIC WORKS
AND UTILITIES
ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS
ORCHARD AVENUE IRRIGATION PLAN AND PROFILE
STA 1+00 TO STA 6+00

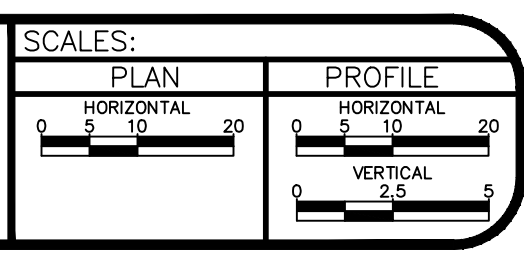


PROJECT NO. _____

- CONSTRUCTION NOTES**
- (102) 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - (119) 210 - RESET OR RECONSTRUCT IRRIGATION STRUCTURE
 - (221) 102.10/108.2 - 12" IRRIGATION PIPE (ADS HP STORM PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL. (FLOW-FILL BACKFILL) REFER TO DETAIL ON SHEET 15.
 - (257) 102.10/108.2 - 12" IRRIGATION PIPE (ADS HP STORM PIPE). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.
 - (258) CONCRETE IRRIGATION STRUCTURE. SEE STANDARD DETAIL ON SHEET 15.
 - (381) CONNECT TO EXISTING PIPE. CONTRACT PRICE FOR IRRIGATION PIPE SHALL INCLUDE COST TO CONNECTION.
 - (463) 102.8/108.3 - 12", 22 1/2" ELBOW
 - (671) 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
 - (807) PROTECT SIGN.

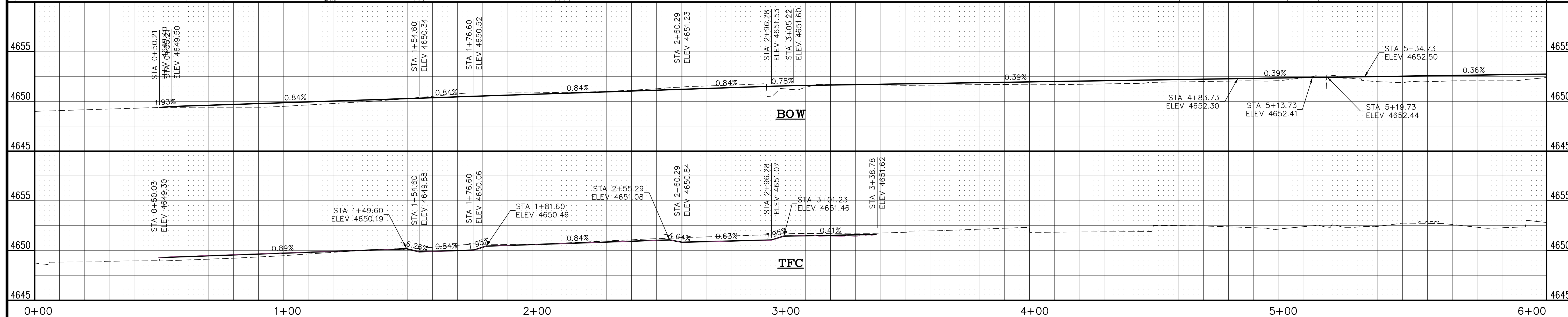
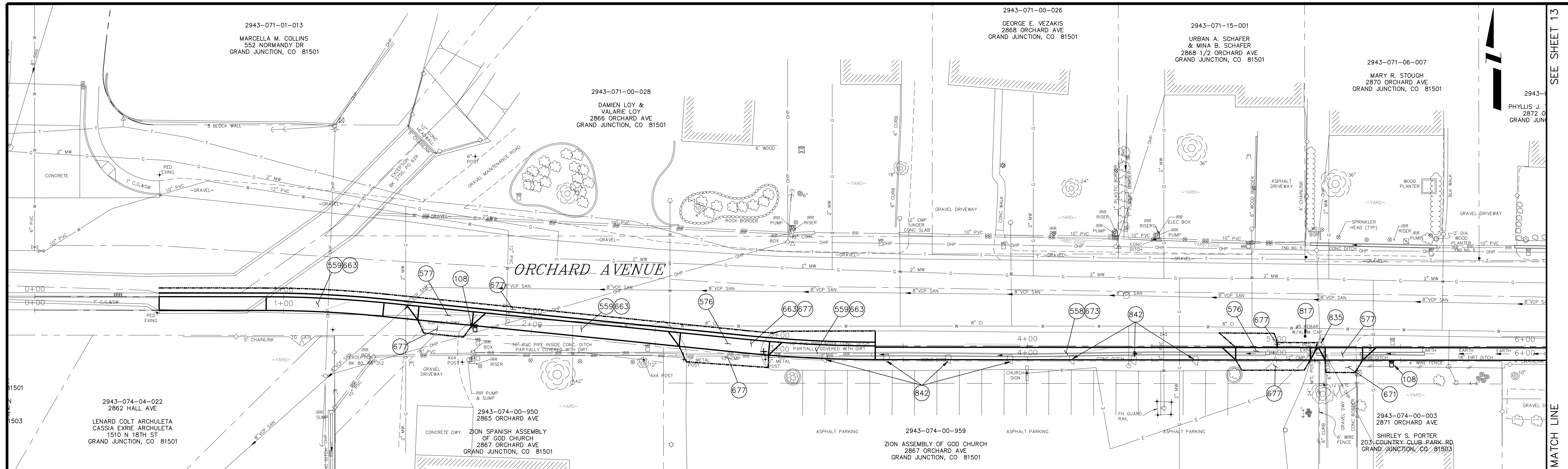


REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				



PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

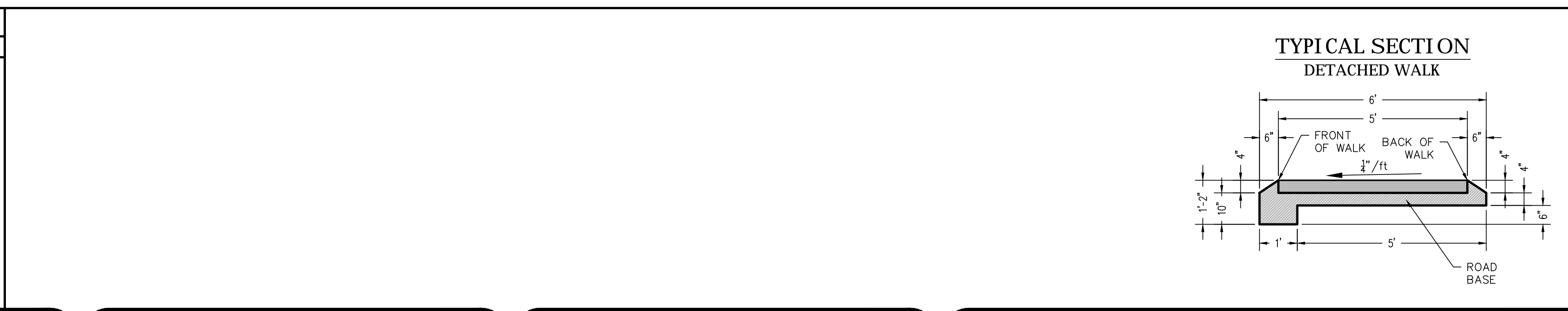
SAFE ROUTES TO SCHOOLS ORCHARD AVENUE IRRIGATION PLAN AND PROFILE STA 6+00 TO STA 11+00



PROJECT NO. _____

CONSTRUCTION NOTES

(108) 210 - RESET MAILBOX (POST IN KIND).	(673) 304 - AGGREGATE BASE COURSE (CLASS 6) (THICKNESS VARIES) PAID BY THE TON
(58) 608.06 - CONCRETE SIDEWALK (4" THICK) 5' WIDE	(677) 401.08 - HOT BITUMINOUS PAVEMENT (3" THICK) (GRADING SX, BINDER GRADE PG 64-22) TO INCLUDE 4" AGGREGATE BASE COURSE (CLASS 6)
(59) 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7" WIDE)	(817) PROTECT OR REFERENCE AND RESET SURVEY CONTROL. COST IS INCIDENTAL TO COST OF CONSTRUCTION.
(676) 608.06 - CONCRETE DRIVEWAY SECTION (8" THICK) (COMMERCIAL)	(835) RESET UTILITY POLE (BY OTHERS).
(677) 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)	(842) RESET LANDSCAPE STONES
(663) 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)	
(671) 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.	



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				

SCALES:

PLAN: 1" = 10'

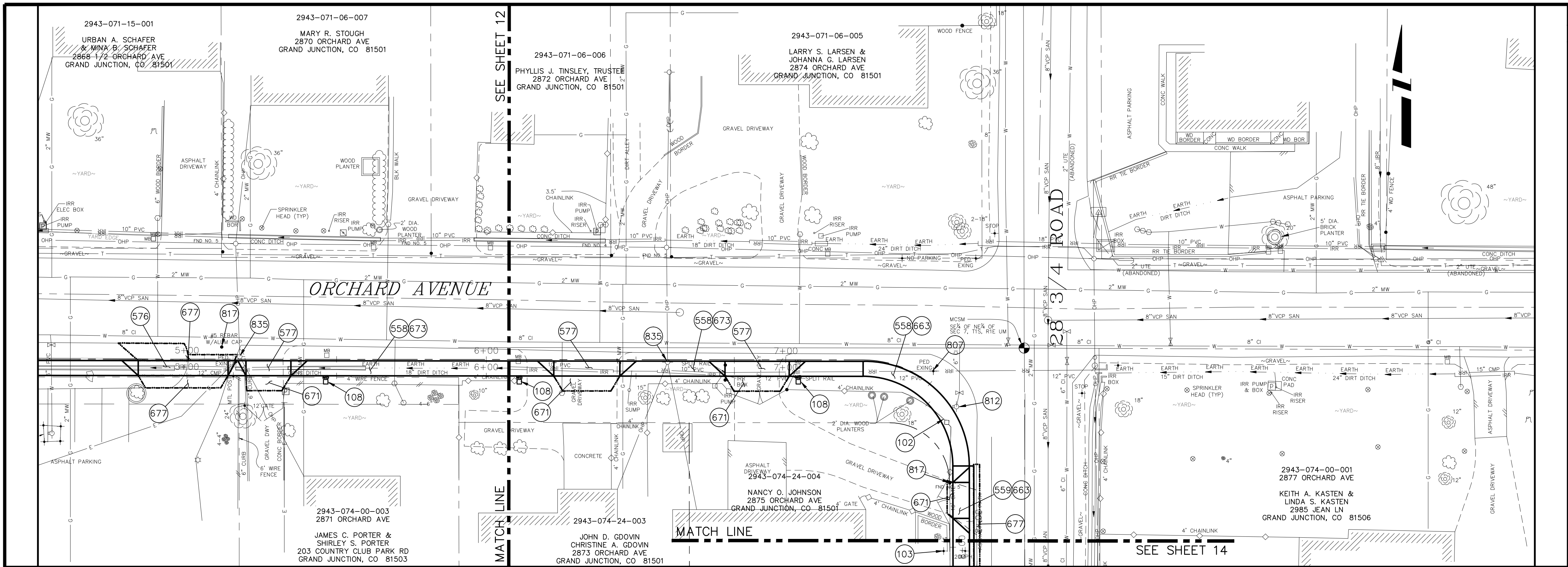
PROFILE: HORIZONTAL 1" = 10', VERTICAL 1" = 5'

PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS ORCHARD AVENUE SIDEWALK PLAN AND PROFILE STA 0+00 TO STA 6+00

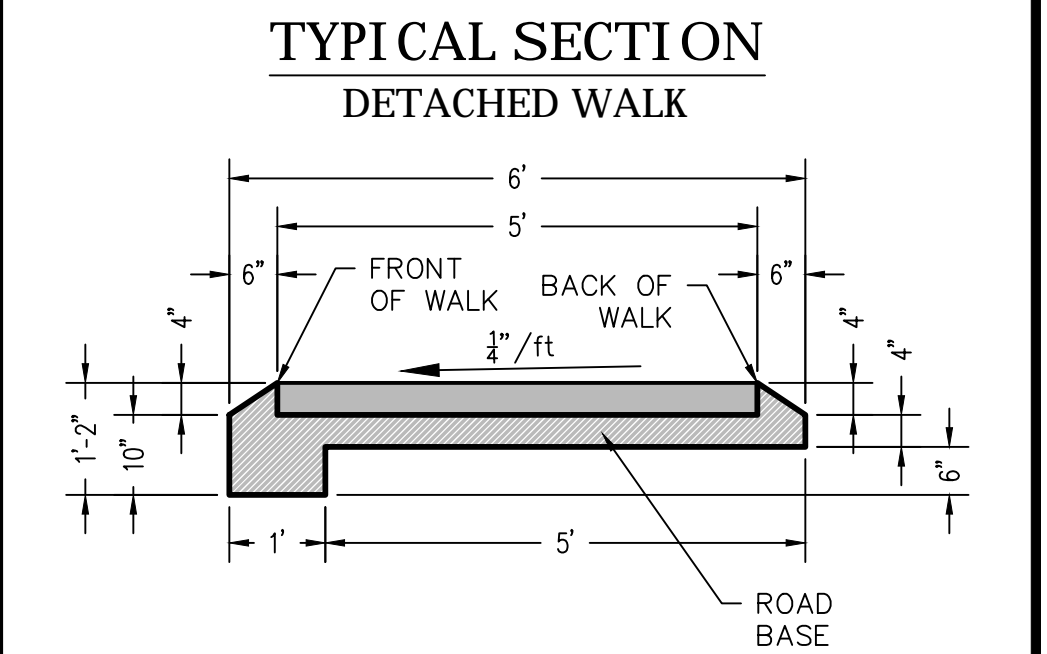
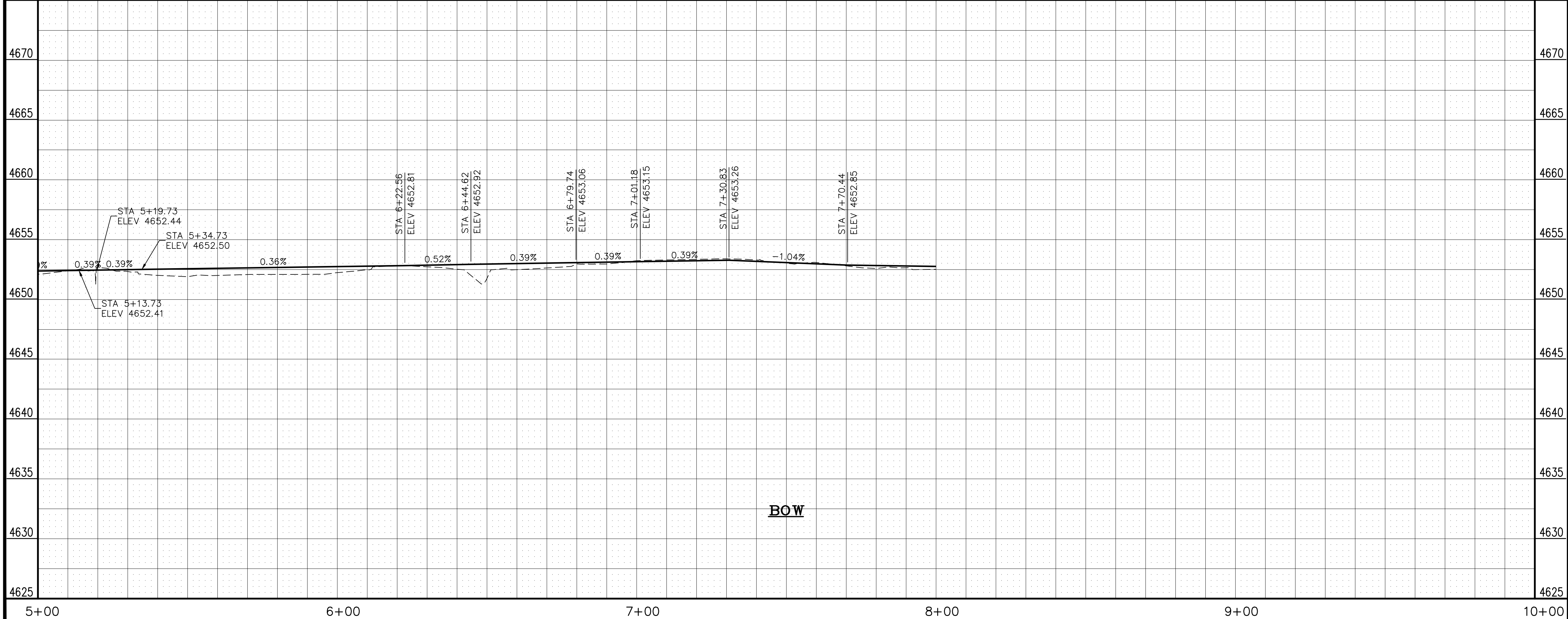
SEE SHEET 13

MATCH LINE

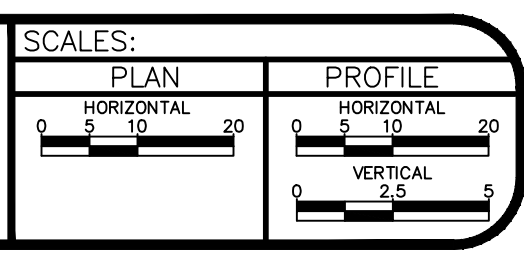


PROJECT NO. _____

- CONSTRUCTION NOTES**
- 102 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
 - 103 210 - RESET SIGN.
 - 108 210 - RESET MAILBOX (POST IN KIND).
 - 558 608.06 - CONCRETE SIDEWALK (4" THICK) 5' WIDE
 - 559 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7' WIDE)
 - 663 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
 - 671 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
 - 673 304 - AGGREGATE BASE COURSE (CLASS 6) (THICKNESS VARIES) PAID BY THE TON
 - 677 401.08 - HOT BITUMINOUS PAVEMENT (3" THICK) (GRADING SX, BINDER GRADE PG 64-22) TO INCLUDE 4" AGGREGATE BASE COURSE (CLASS 6)
 - 807 PROTECT SIGN.
 - 812 PROTECT FIRE HYDRANT
 - 817 PROTECT OR REFERENCE AND RESET SURVEY CONTROL. COST IS INCIDENTAL TO COST OF CONSTRUCTION.
 - 835 RESET UTILITY POLE (BY OTHERS).



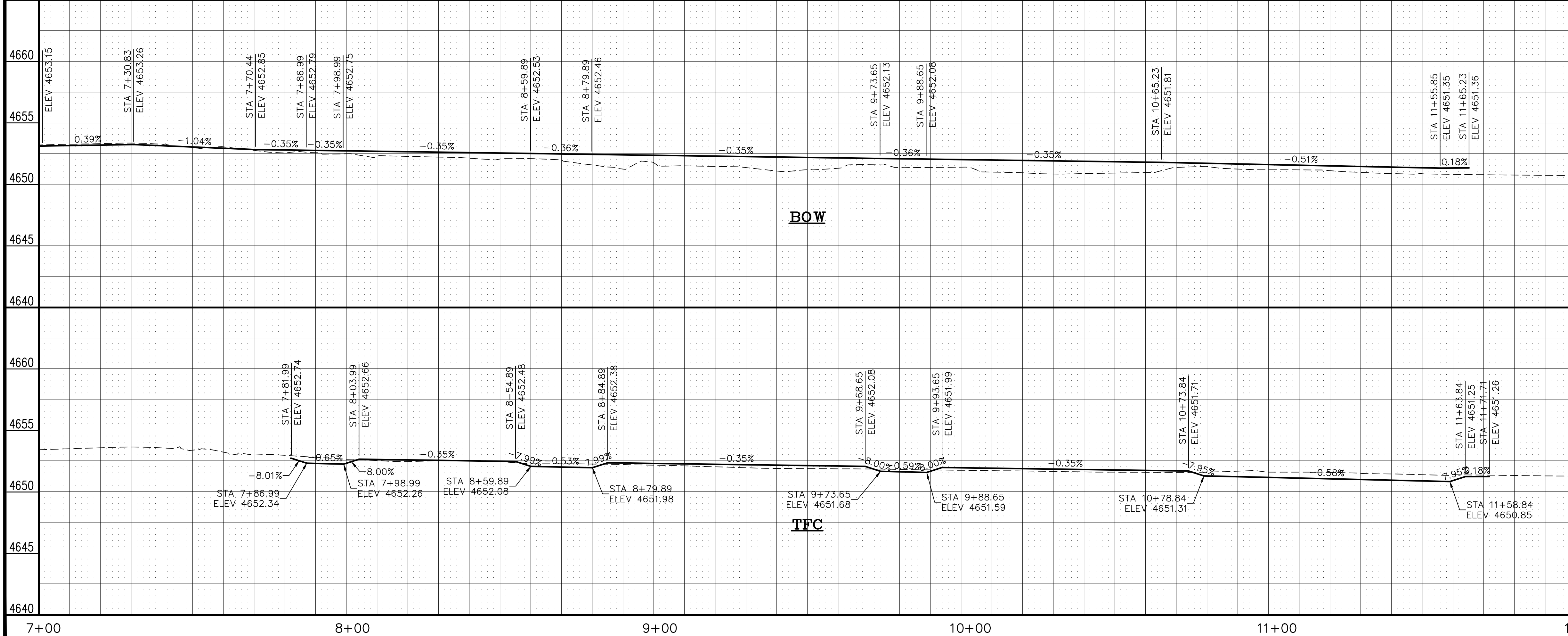
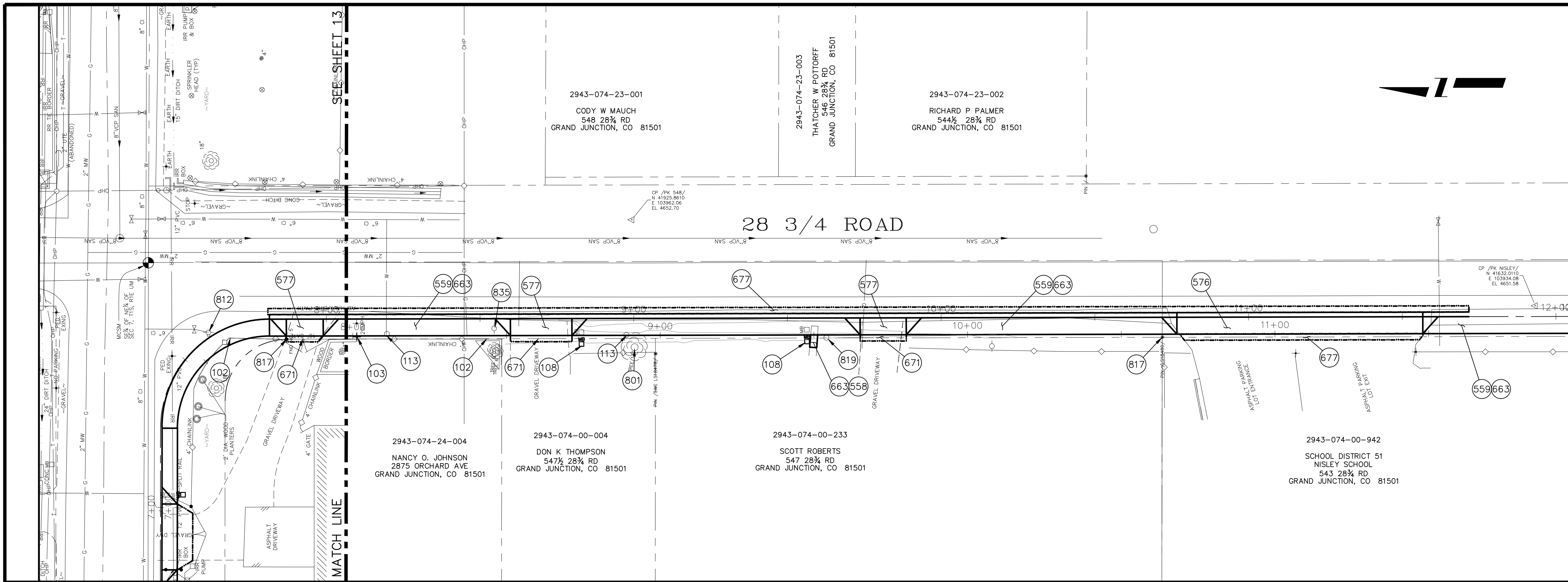
REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				



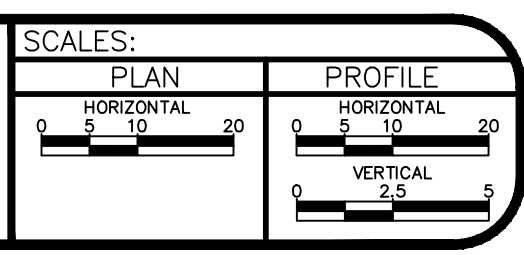
PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS ORCHARD AVENUE SIDEWALK PLAN AND PROFILE STA 5+00 TO STA 8+00

- (102) 210 - RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)
- (103) 210 - RESET SIGN.
- (108) 210 - RESET MAILBOX (POST IN KIND)
- (113) 210 - RESET WATER METER (BY OTHERS).
- (558) 608.06 - CONCRETE SIDEWALK (4" THICK)
- (559) 608.06 - MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (7' WIDE)
- (578) 608.06 - CONCRETE DRIVEWAY SECTION (8" THICK) (COMMERCIAL)
- (577) 608.06 - CONCRETE DRIVEWAY SECTION (6" THICK) (RESIDENTIAL)
- (663) 304 - AGGREGATE BASE COURSE (CLASS 6) (6" THICK)
- (671) 304 - WASHED ROCK SURFACE COURSE FOR GRAVEL DRIVEWAYS. MATCH EXISTING TYPE. THICKNESS IS 2" MIN. AND 3" MAX.
- (677) 401.08 - HOT BITUMINOUS PAVEMENT (3" THICK) (GRADING SX, BINDER GRADE PG 64-22) TO INCLUDE 4" AGGREGATE BASE COURSE (CLASS 6)
- (801) PROTECT TREE
- (812) PROTECT FIRE HYDRANT.
- (817) PROTECT OR REFERENCE AND RESET SURVEY CONTROL. COST IS INCIDENTAL TO COST OF CONSTRUCTION.
- (819) PROTECT WATER METER



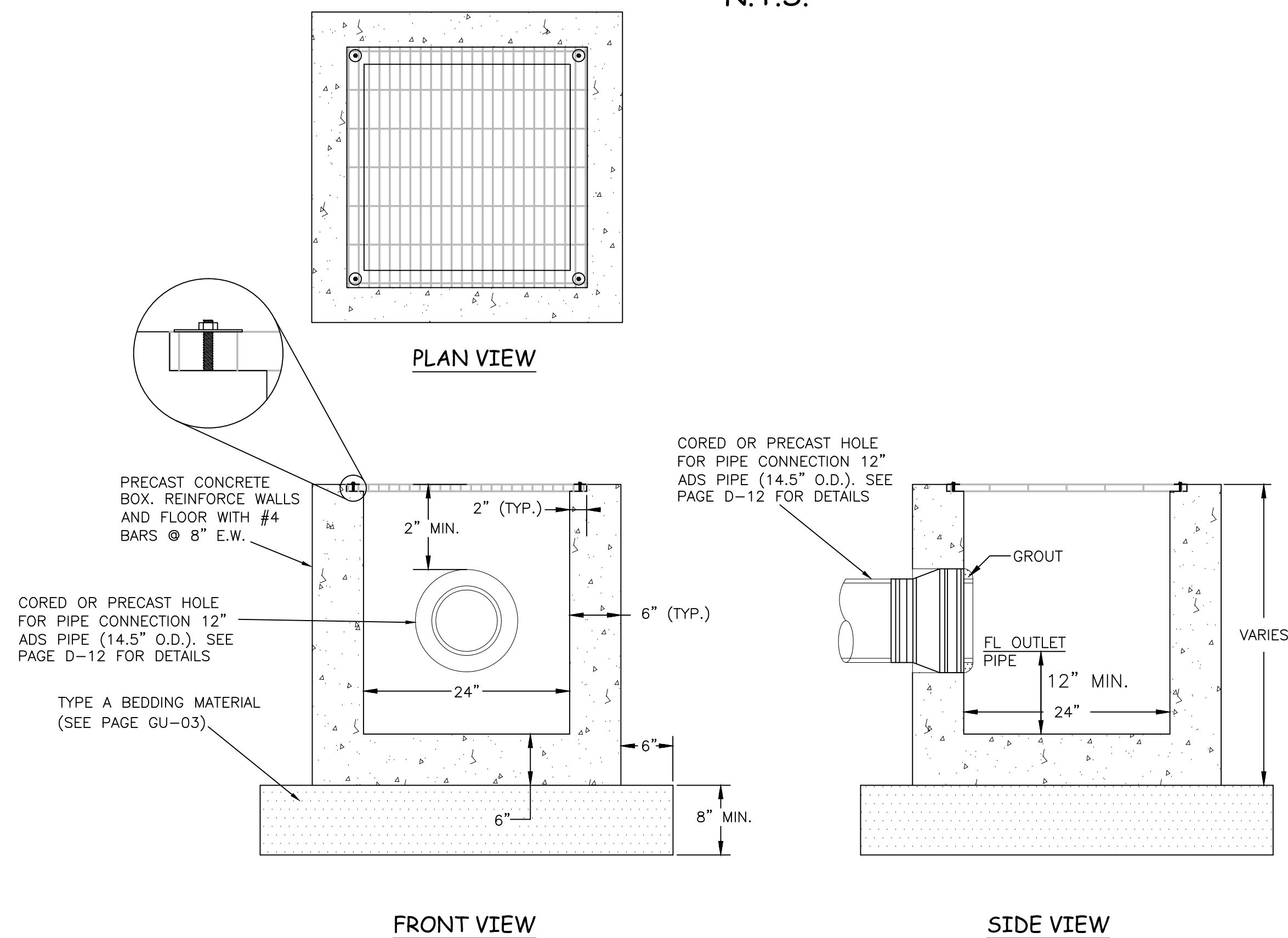
REVISION	DESCRIPTION	DATE	DRAWN BY	DATE
1			HMC	2014
2			JKT	2014
3				
4				



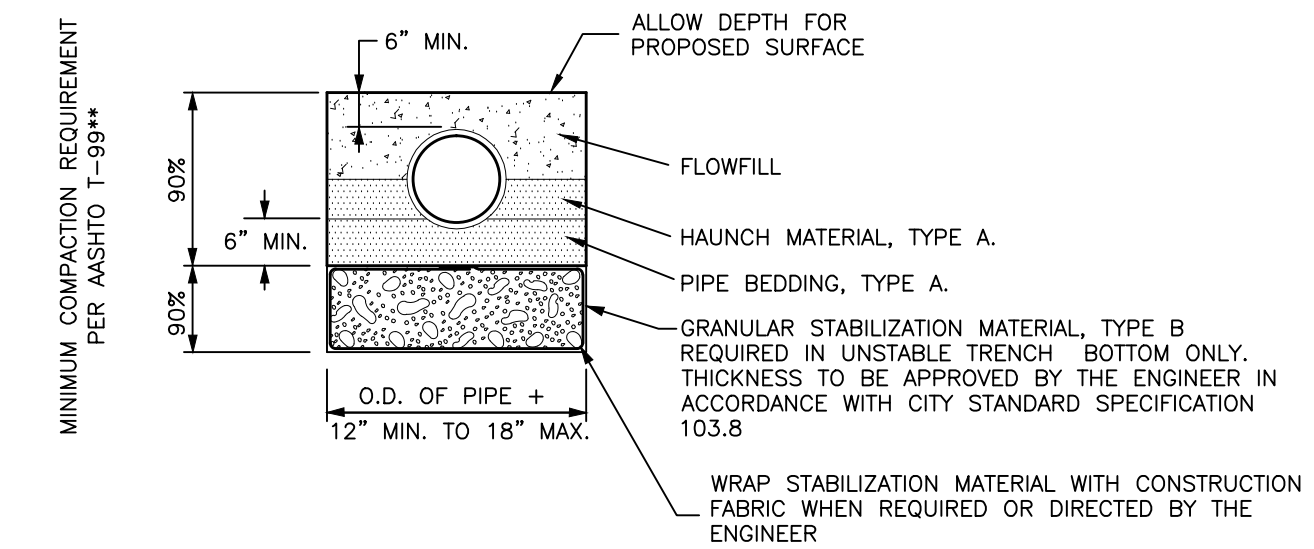
PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS
28 3/4 ROAD SIDEWALK PLAN AND PROFILE
STA 8+00 TO STA 12+00

IRRIGATION BOX STRUCTURE DETAIL
N.T.S.



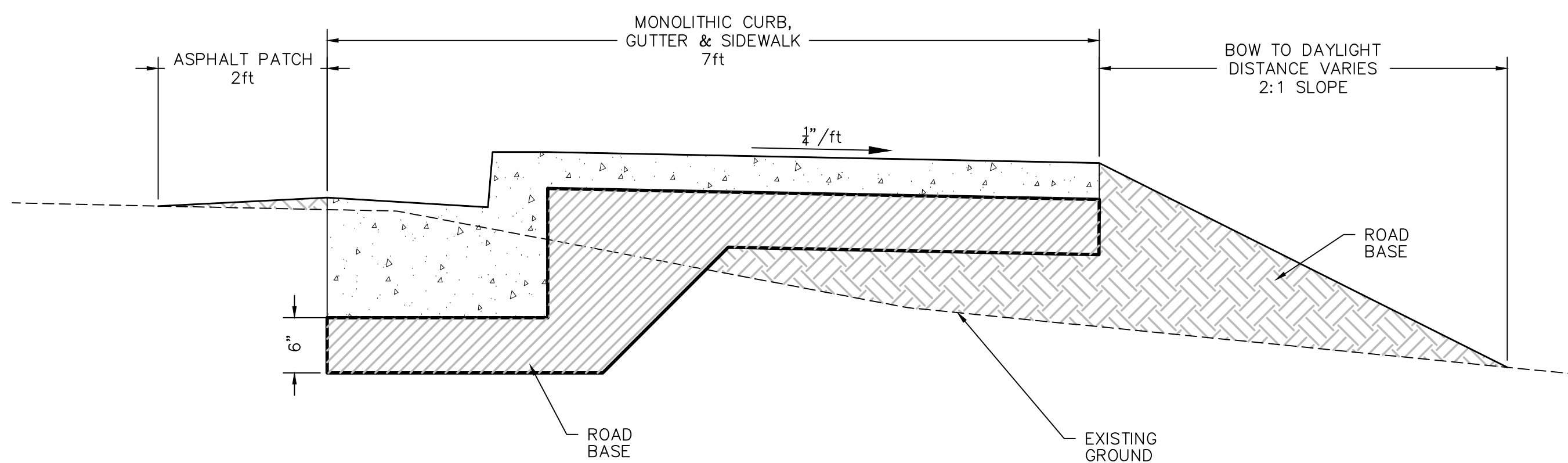
IRRIGATION TRENCH DETAIL AT DRIVEWAYS
N.T.S.



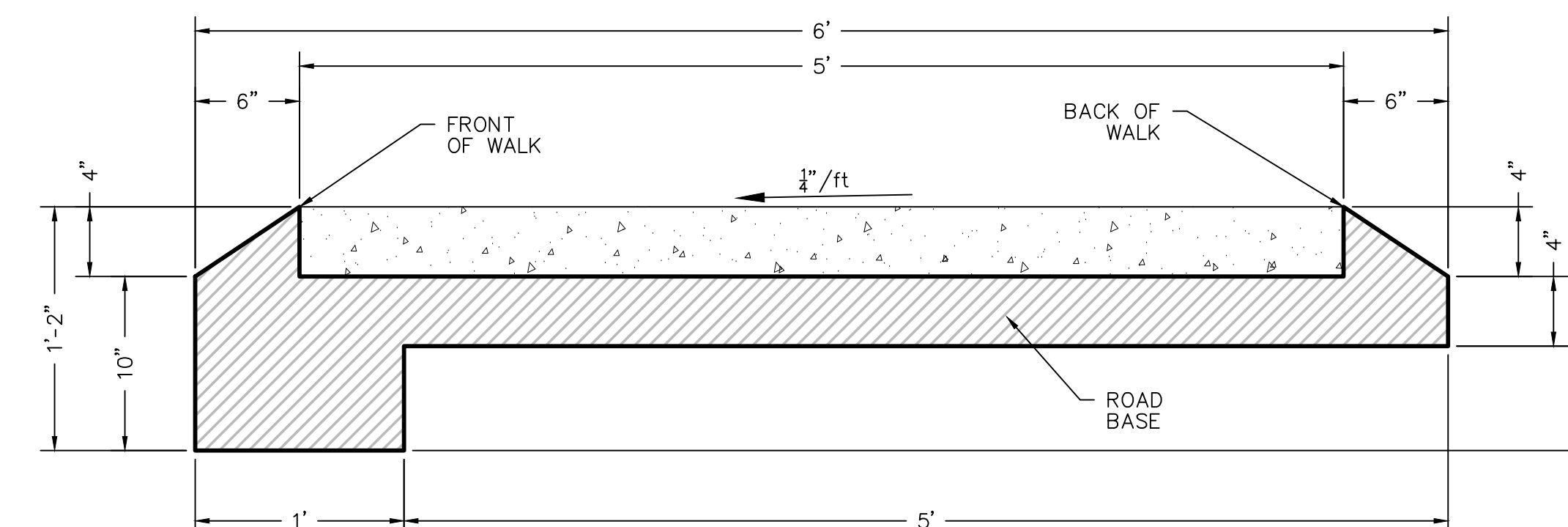
SIEVE SIZE	PERCENT BY WEIGHT PASSING SQUARE MESH SIEVES		
	PIPE BEDDING, HAUNCH & INITIAL BACKFILL MATERIAL (CRUSHED ROCK, TYPE A)	GRANULAR STABILIZATION MATERIAL (SCREENED OR CRUSHED ROCK, TYPE B)	IMPORTED BACKFILL MATERIAL (USE ONLY WHERE SPECIFIED OR DIRECTED BY THE ENGINEER)
1/2 INCH	---	---	100
2 INCH	---	100	---
1 INCH	100	---	---
NO 4	20 MAX	15 MAX	---
NO 200	---	---	20 MAX ***

* 24" COMPACTED BACKFILL REQUIRED OVER ALL PLASTIC PIPE PRIOR TO VEHICLE OR HEAVY EQUIPMENT LOADING.
 ** COMPACT PER AASHTO T-180 WHEN SPECIFIED, DIRECTED OR APPROVED BY THE ENGINEER.
 *** PLASTIC INDEX (PI) SHALL NOT BE MORE THAN 7.
 ALL BACKFILL MATERIAL SHALL BE UNIFORMLY ADJUSTED TO WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT PRIOR TO PLACEMENT AND COMPACTION.

TYPICAL SECTION
Monolithic Curb, Gutter & Sidewalk
N.T.S.



TYPICAL SECTION
Detached Walk
N.T.S.



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	SCALES:
REVISION			HMC	2014	PLAN HORIZONTAL 1"=10'
REVISION			JKT	2014	PROFILE HORIZONTAL 1"=10'
REVISION					VERTICAL 2"=5'
REVISION					



PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

SAFE ROUTES TO SCHOOLS TYPICAL DETAILS