



DEVELOPMENT SERVICES
ENGINEERING DIVISION
156 S. BROADWAY, SUITE 150
TURLOCK, CA 95380

PHONE: (209) 668-5520
FAX: (209) 668-5563
TDD: (800) 735-2929
engineering@turlock.ca.us

Addendum No. 1

Date: October 25, 2017
City Project: 14-25, "East Monte Vista Avenue Rehabilitation"

Plan holders:

The following changes and notations shall be made to the project plans and specifications:

Project Plans:

1. Sheet 6, DEMOLITION PLAN

Replace Sheet 6 issued at the time of advertisement with Sheet 6 attached to this Addendum No. 1.

2. Sheet 7, DEMOLITION PLAN

Replace Sheet 7 issued at the time of advertisement with Sheet 7 attached to this Addendum No. 1.

3. Sheet 8, DEMOLITION PLAN

Replace Sheet 8 issued at the time of advertisement with Sheet 8 attached to this Addendum No. 1.

4. Sheet 9, DEMOLITION PLAN

Replace Sheet 9 issued at the time of advertisement with Sheet 9 attached to this Addendum No. 1.

5. Sheet 10, OVERLAY PLAN

Replace Sheet 10 issued at the time of advertisement with Sheet 10 attached to this Addendum No. 1.

6. Sheet 11, OVERLAY PLAN

Replace Sheet 11 issued at the time of advertisement with Sheet 11 attached to this Addendum No. 1.

7. Sheet 12, OVERLAY PLAN

Replace Sheet 12 issued at the time of advertisement with Sheet 12 attached to this Addendum No. 1.

8. Sheet 13, OVERLAY PLAN

Replace Sheet 13 issued at the time of advertisement with Sheet 13 attached to this Addendum No. 1.

9. Sheet 15, STRIPING AND SIGNAGE PLAN

Replace Sheet 15 issued at the time of advertisement with Sheet 15 attached to this Addendum No. 1.

10. Sheet 16, STRIPING AND SIGNAGE PLAN

Replace Sheet 16 issued at the time of advertisement with Sheet 16 attached to this Addendum No. 1.

11. Sheet 20, TRAFFIC SIGNAL DETECTOR LOOP PLAN

Replace Sheet 20 issued at the time of advertisement with Sheet 20 attached to this Addendum No. 1.

12. Sheet 21, TRAFFIC SIGNAL DETECTOR LOOP PLAN

Replace Sheet 21 issued at the time of advertisement with Sheet 21 attached to this Addendum No. 1.

Project Specifications:

13. BIDDER'S FORM:

Replace the bidder's form issued at the time of advertisement with the attached Bidder's Form.

14. APPENDIX A

Include the Erosion and Sediment Control Plan (ESCP) Worksheet attached to this Addendum No. 1 as an appendix to the specifications. Contractor shall submit an ESCP prior to beginning construction on the project and implement and maintain Best Management Practices required per the ESCP during the project.

Questions from Bidders:

Q1: What is the scope of bid item no. 19, "Traffic Signal Modification (protected left turns)"?

A1: Notes have been added to Sheets 20 and 21 issued with this addendum to add notes to the plans to direct the contractor to remove and replace 5-section traffic signal heads with 3-section heads (left arrow) at the intersections of Monte Vista Avenue/Colorado Avenue and Monte Vista Avenue/Berkeley Avenue.

Q2: Conduit and traffic signal boxes are called out on sheet 18 of the plans. What bid item should this work be applied to?

A2: The Bidder's Form has been updated to include a bid item for this work.

If you have any questions, please call me at (209) 668-5417 or email at sfremming@turlock.ca.us.

Sincerely,



Stephen Fremming, P.E.
Associate Civil Engineer

Attachments: Bidder's Form
Erosion and Sediment Control Plan worksheet
Optional pre-bid meeting sign in sheet
Sheet 6 dated 10/25/17 (ADDENDUM NO.1)
Sheet 7 dated 10/25/17 (ADDENDUM NO.1)
Sheet 8 dated 10/25/17 (ADDENDUM NO.1)
Sheet 9 dated 10/25/17 (ADDENDUM NO.1)
Sheet 10 dated 10/25/17 (ADDENDUM NO.1)
Sheet 11 dated 10/25/17 (ADDENDUM NO.1)
Sheet 12 dated 10/25/17 (ADDENDUM NO.1)
Sheet 13 dated 10/25/17 (ADDENDUM NO.1)
Sheet 15 dated 10/25/17 (ADDENDUM NO.1)
Sheet 16 dated 10/25/17 (ADDENDUM NO.1)
Sheet 20 dated 10/25/17 (ADDENDUM NO.1)
Sheet 21 dated 10/25/17 (ADDENDUM NO.1)

BIDDER'S FORM

PROJECT TITLE: East Monte Vista Avenue Rehabilitation
CITY PROJECT NUMBER: 14-25
FEDERAL PROJECT NUMBER: STPL-5165(082)
OPENING DATE: October 31, 2017
OPENING TIME: 2:00 PM
AGENCY: 5165 (City of Turlock)

Item No.	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total
1	Mobilization and Demobilization	LS	1		
2	Traffic Management Plan	LS	1		
3	Erosion and Sediment Control Plan and Implementation	LS	1		
4	Construction Project Sign	EA	2		
5	Demo and Remove Existing Improvements	LS	1		
6	Earthwork	LS	1		
7	Minor Concrete (Curb and Gutter)	LF	857		
8	Minor Concrete (Sidewalk)	SF	4147		
9	Minor Concrete (Commercial Approach)	SF	250		
10	Access Ramp	EA	22		
11	Grinding (Cold Plane Method)	SY	36666		
12	Aggregate Base	CY	396		
13	Hot Mix Asphalt (3" depth, bottom lift)	TN	222		
14	RHMA-G (2" depth overlay)	TN	5764		
15	Temporary Pavement Striping	LS	1		
16	Raise frame and cover to grade (sewer manhole)	EA	26		
17	Raise frame and cover to grade (storm manhole)	EA	3		
18	Raise frame and cover to grade (water valve)	EA	49		
19	Install Monument Well	EA	10		
20	Traffic Signal Modification (protected left turns)	LS	1		
21	Traffic Signal Detector System	LS	1		
22	Accessible Pedestrian Signal Button	EA	16		
23	Traffic Signal conduits and boxes at Fosberg Rd.	LS	1		
24	Detail 10	LF	8807		
25	Detail 23	LF	462		
26	Detail 25	LF	3871		
27	Detail 30	LF	33		
28	Detail 33	LF	3737		
29	Detail 38	LF	589		

30	Detail 39	LF	8050		
31	Thermoplastic Pavement Markings	SF	642		
32	Thermoplastic Traffic Stripe (12" White)	LF	234		
33	Thermoplastic Crosswalk (24" Yellow)	SF	2545		
34	Thermoplastic Crosswalk (24" White)	SF	6233		
Subtotal					

Bidder has examined and carefully studied the Bidding documents and other related data identified in the Bidding Documents and the following Addenda, receipt of which is hereby acknowledged

ADDENDA

No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____

TOTAL BID WRITTEN IN FIGURES: \$ _____, _____, _____ . _____

TOTAL BID WRITTEN IN WORDS: _____

CONTRACTOR NAME: _____

City of Turlock



EROSION AND SEDIMENT CONTROL PLAN WORKSHEET

FOR

SMALL CONSTRUCTION PROJECTS



Serving the public interest in partnership with developers, homeowners, and contractors, in order to build a better community to ensure the safety, health and welfare of the citizens of Turlock.

What is this document for?

The City's Phase II MS4 NPDES General Permit issued by the State Water Board to the City, requires the City to develop and maintain a program to assure that sediment and other pollutants from construction activities do not flow into the City's storm water drainage system and, subsequently, impact local receiving waters. The City's Permit requires the City to require the owner of any construction project having soil disturbance to submit an Erosion and Sediment Control Plan (ESCP). The ESCP must identify potential sources of erosion and sedimentation associated with the project and identify the control measures (best management practices or BMPs) used to prevent erosion and control sedimentation within the project. This document is a worksheet to assist owners of small projects to determine appropriate control measures for their project.

Who is required to complete this document?

All construction projects that have soil disturbance and pass through plan check or the City's permitting process must develop an ESCP. Projects having more than 1 acre of soil disturbance or those projects that are part of a larger common plan may be required to comply with the State Water Board's Construction General Permit (CGP), which requires the development of a Storm Water Pollution Prevention Plan (SWPPP). For these larger projects, the CGP-required SWPPP may be submitted in lieu of the ESCP. For all other projects (small projects) having less than 1 acre of soil disturbance or those that qualify for a waiver or exemption from the CGP, they must submit an ESCP using this worksheet.

What is required in this document?

This worksheet requires basic project and contact information, as well as, basic site information including location, status, approximate start and end dates and the area of soil disturbance.

The Best Management Practices (BMPs) that will be used during construction are also required to be identified.

A basic site map showing the project boundaries, adjacent streets, storm drain inlets, placement of BMPs, and where construction work will be occurring is required to be included.

BMPs, as defined on the EPA's website, is *"a term used to describe a type of water pollution control. Storm water BMPs are techniques, measures or structural controls used to manage the quantity and improve the quality of storm water runoff. The goal is to reduce or eliminate the contaminants collected by storm water as it moves into streams and rivers."*

For more details on BMPs please visit the California Storm Water Quality Association's website at:

www.casqa.org/resources/bmp-handbooks

or Caltrans's website at:

www.dot.ca.gov/hq/construc/stormwater/manuals.htm

1 Project Information

Project Name:	
Project Address:	
Project Size: (Indicate sq. ft. or acres)	
Anticipated Construction Start Date:	
Anticipated Construction End Date:	
Approximate Soil Disturbance: (Indicate sq. ft or acres)	
Number of Storm Drain Inlets within 50 ft. of the soil disturbance.	

2 Owner Information

Name:	
Address:	
Phone Number:	
Email:	

3 Contractor Information

Name:	
Company Name:	
Address:	
Phone Number:	
Email:	

4 Best Management Practices

4.1 Run-On Control BMPs

<p>When surface flow of storm water runoff is allowed to pass through disturbed soils at an active construction project it can mobilize sediment and carry it into the municipality's storm drainage system and into the local receiving waters. This results in deposition of sediment in the municipal drainage system which causes more frequent maintenance and can cause flooding. The sediment is also harmful to the local waterways.</p>	
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Does storm water have the potential to run-on to the construction site?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, will storm water surface flow be diverted around any disturbed soil areas? Show how it will be diverted on the site map.	<input type="checkbox"/> Yes <input type="checkbox"/> No

4.2 Erosion Control BMPs

The definition of erosion is the detachment of soil particles. These particles can become detached by rain, wind, or construction activity. Although construction, by nature, disturbs soil. It is vital to place a temporary or permanent covering over disturbed soil as soon as possible. Projects are not allowed to leave areas of exposed soil that do not have a cover. On the table below and on the site map show how you will prevent erosion at your project.

CASQA Fact Sheet	BMP Name	BMP Selected? (Check Box)	Describe the BMP to be implemented. If not used, state the reason why.
EC-1	Scheduling (work will be conducted during the dry season)		
EC-2	Preservation of Existing Vegetation (existing vegetated areas will not be disturbed)		
EC-4	Area to be vegetated with landscaping, turf, or hydroseeding		
EC-7	Temporary Erosion Control using an erosion control blanket or geotextile		
EC-6 & EC-8	Area covered with a temporary or permanent mulch including straw, wood, compost, hydromulch, or equivalent		
EC-16	Non-Vegetated Stabilization (covered with aggregate, paving, permanent structures / surfaces)		
WE-1	Wind Erosion Control (kept moist to prevent wind erosion)		

4.3 Temporary Sediment Control BMPs

Sediment control is accomplished by two ways. First, giving sediment every opportunity to settle out of storm water runoff while still on the project. Second, remove sediment from surfaces that has been carried or tracked off site before it enters the municipal drains. Each project must have effective perimeter sediment control. Drain inlets within 50 feet of the project must be protected. Any visible track out or sedimentation onto municipal property must be removed as soon as possible. On the table below and on the site map show how you will control sediment at your project.

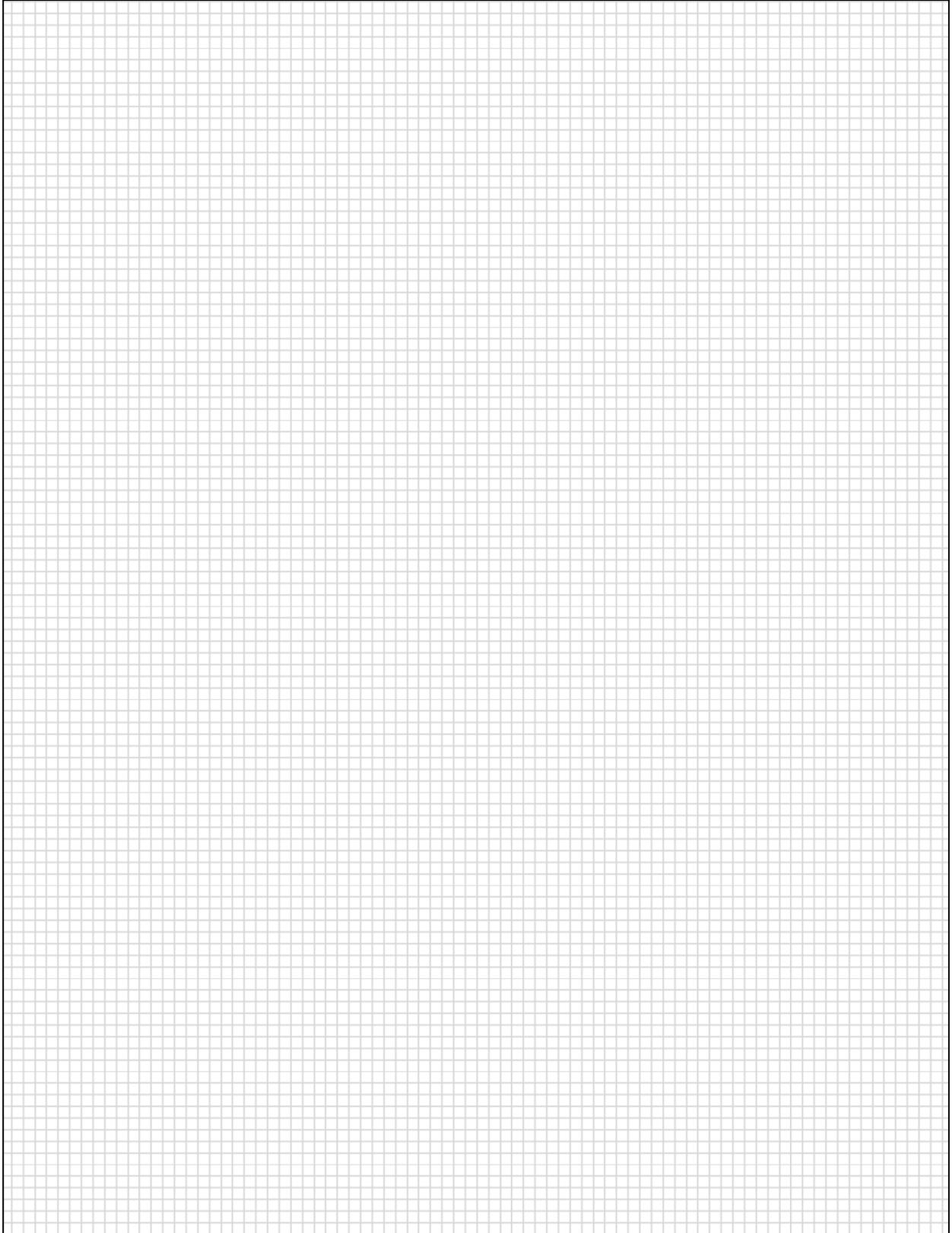
CASQA Fact Sheet	BMP Name	BMP Selected? (Check Box)	Describe the BMP to be implemented. If not used, state the reason why.
SE-1	Temporary Silt Fence		
SE-2 or SE-3	Sediment basin or trap (all or some of the storm water drains to a retention pond or basin where sediment can settle out)		
SE-5	Temporary Fiber Rolls / Straw Wattles		
SE-6 or SE - 8	Temporary Gravel Bag Berm or Sand Bag Barrier		
SE-7	Street Sweeping (inspect roads and sidewalks daily and sweep as necessary)		
MS4 Standard	Curb cutback (maintain a minimum of 4 inches of elevation difference between the disturbed soil and the top of the existing curb, sidewalk, or paved surface)		
SE-10	Temporary Drain Inlet Protection (mandatory for any DI's within 50 feet of the project)		
SE-13	Compost Socks / Biofilter Bags		
MS4 Standard	Stabilized Construction Exit – Constructed with aggregate at the project owner's specification, but it must be effective in controlling trackout.		
TC-2	Stabilized Construction Roadways		
WM-03	Stockpile Management (stockpiles that have not been actively used in the last 14 days must be covered with an erosion control blanket or plastic sheeting and contained with a fiber roll or gravel bag berm)		

4.4 Non-Storm Water Pollution Control BMPs

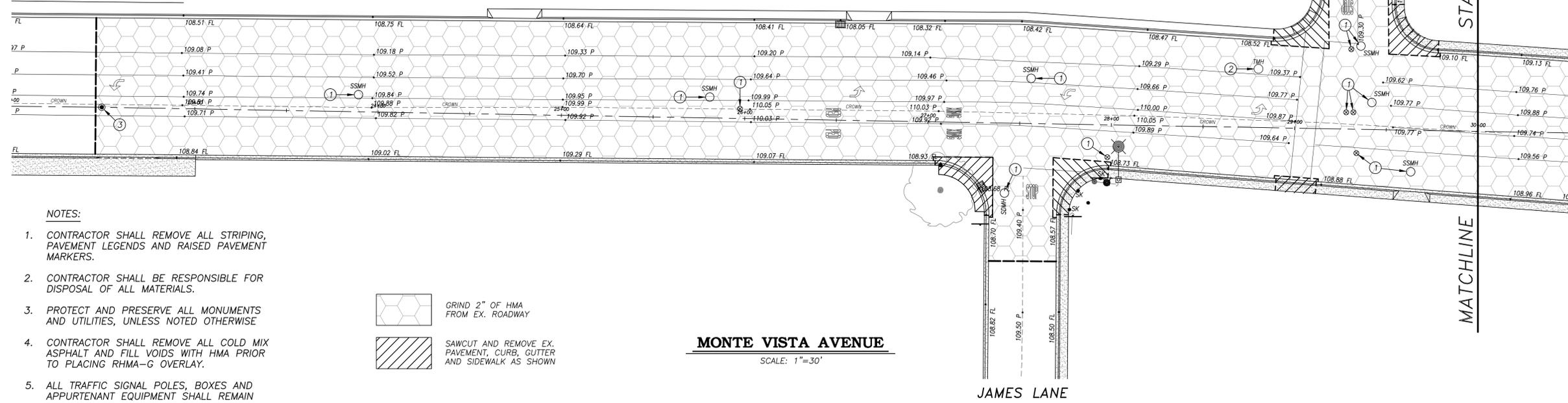
The City ordinances prohibit the discharge to its municipal drainage system of any wash water, unpermitted construction site dewatering, saw-cutting or grinding slurries, unpermitted hydrotest water, chlorinated swimming pool or fountain water, concrete or paint wash out, or spills of hazardous materials or other substances. On the table below, list any of the activities that may apply to your project; and on the site map show the location of these activities.

CASQA Fact Sheet	BMP Name	Activity Planned? (Yes/No)	Describe the BMP to be implemented. If not used, state the reason why.
NS-3	Paving, Sealing, Saw-cutting, Coring, and Grinding Operations		
NS-7	Potable Water / Irrigation Testing and Discharge to the Municipal Drainage System		
NS-8	Vehicle and Equipment Cleaning Performed on Site		
NS-9 & WM-04	Vehicle and Equipment Fueling Performed on Site		
NS-10	Vehicle and Equipment Maintenance Performed on Site		
NS-12/13 & WM-08	Concrete, Stucco, Plaster, Tile, or Masonry Work		
WM-09	Temporary Sanitary Waste Facilities (port-a-potties)		
WM-01	Storage of Hazardous Materials on the Project Site (paints, solvents, acids, fuel, lubricants, etc.)		

5 Site Map (draw map below or attach another map)

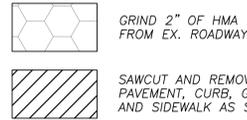


- KEY NOTES:**
- UTILITY FRAMES AND COVERS TO BE VERTICALLY ADJUSTED BY THE CONTRACTOR.
 - UTILITY FRAMES AND COVERS TO BE VERTICALLY ADJUSTED BY OTHERS.
 - REMOVE EXISTING MONUMENT WELL (IF APPLICABLE) AND INSTALL A MONUMENT WELL PER CITY STANDARDS DWG. M-1. CONFIRM THE OUT OF MONUMENT IS COMPLETE BY CITY'S HIRED SURVEYOR PRIOR TO PAVING.



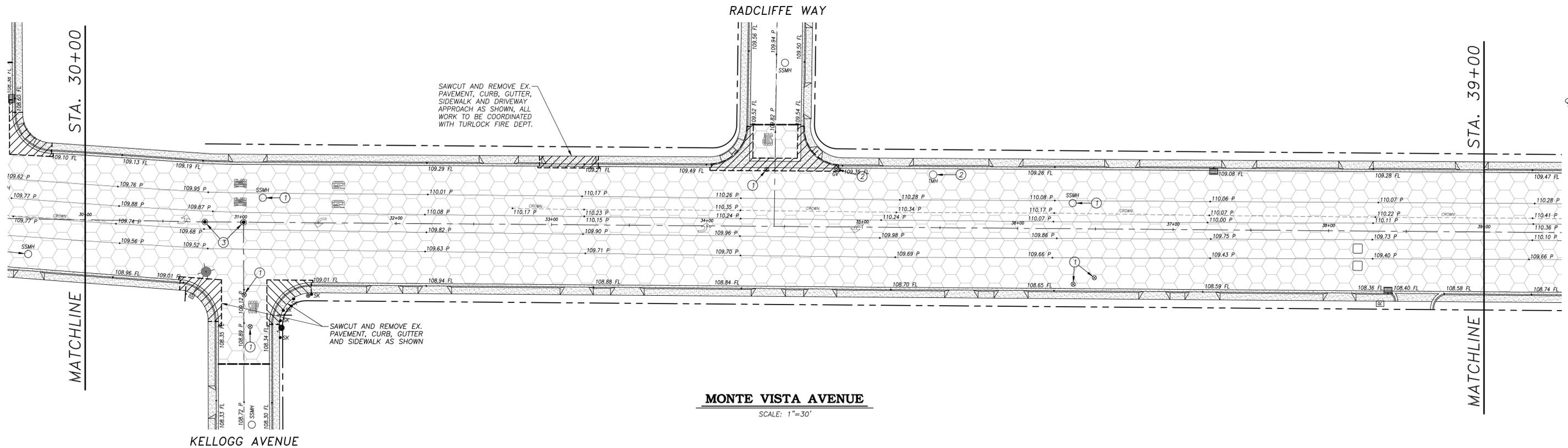
NOTES:

- CONTRACTOR SHALL REMOVE ALL STRIPING, PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL MATERIALS.
- PROTECT AND PRESERVE ALL MONUMENTS AND UTILITIES, UNLESS NOTED OTHERWISE
- CONTRACTOR SHALL REMOVE ALL COLD MIX ASPHALT AND FILL VOIDS WITH HMA PRIOR TO PLACING RHMA-G OVERLAY.
- ALL TRAFFIC SIGNAL POLES, BOXES AND APPURTENANT EQUIPMENT SHALL REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.



MONTE VISTA AVENUE

SCALE: 1"=30'



SAWCUT AND REMOVE EX. PAVEMENT, CURB, GUTTER, SIDEWALK AND DRIVEWAY APPROACH AS SHOWN, ALL WORK TO BE COORDINATED WITH TURLOCK FIRE DEPT.

SAWCUT AND REMOVE EX. PAVEMENT, CURB, GUTTER AND SIDEWALK AS SHOWN

MONTE VISTA AVENUE

SCALE: 1"=30'



NOTE:
ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

Michael G. Pitcock
MICHAEL G. PITCOCK, P.E.
DIRECTOR OF DEVELOPMENT SERVICES/CITY ENGINEER
10/25/17
PLANS APPROVAL DATE



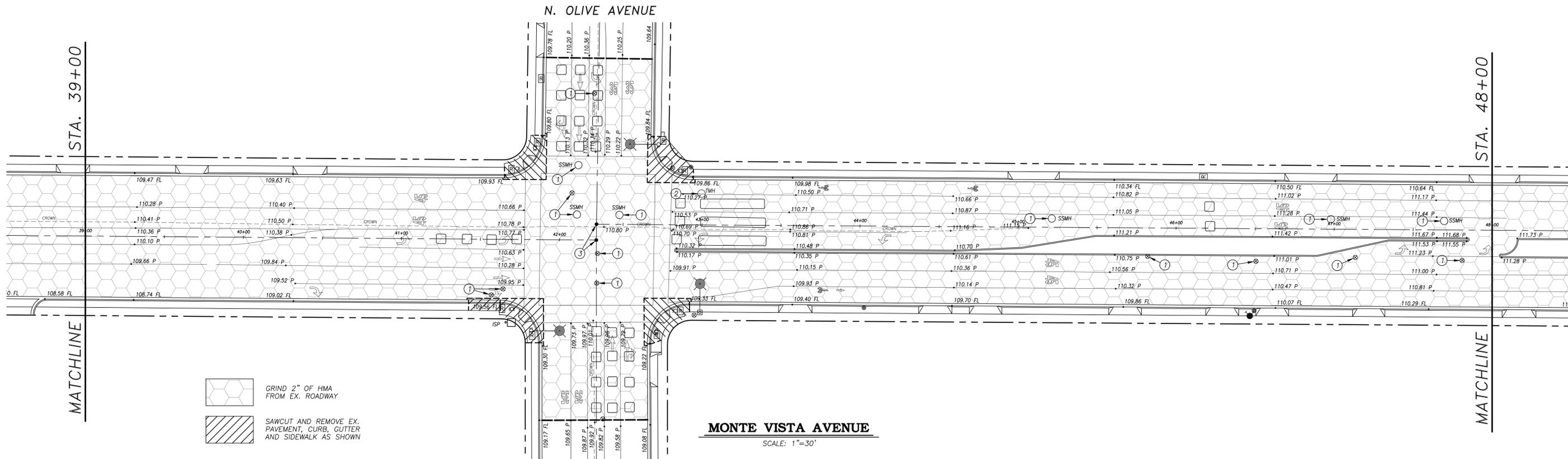
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION
156 S. BROADWAY, STE 150
(209) 668-5520

DEMOLITION PLAN
MONTE VISTA AVENUE ~ BEGIN TO STA. 39+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
0 1/4" 3/4" 1"
1/2"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: JSH
REV. BY: --
CH. BY: SF
DATE: AUGUST, 2017
SCALE: 1" = 30'
14-25 BASE.dwg

SHEET
6
OF **23**

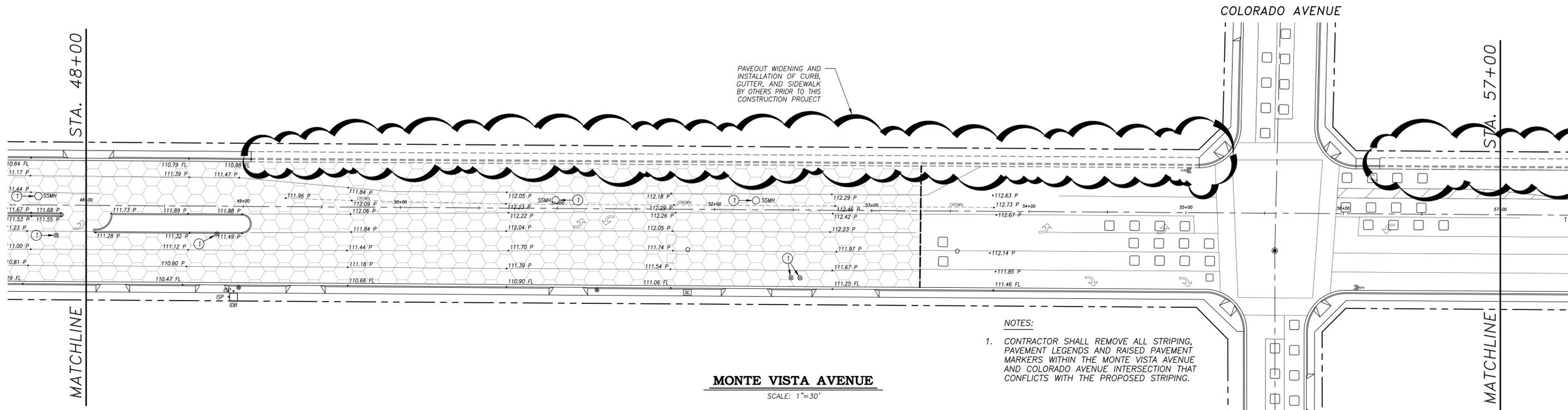


-  GRIND 2" OF HMA FROM EX. ROADWAY
-  SAWCUT AND REMOVE EX. PAVEMENT, CURB, GUTTER AND SIDEWALK AS SHOWN

MONTE VISTA AVENUE

SCALE: 1"=30'

SEE NOTES AND KEYNOTES ON SHEET 6



MONTE VISTA AVENUE

SCALE: 1"=30'

- NOTES:**
1. CONTRACTOR SHALL REMOVE ALL STRIPING, PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS WITHIN THE MONTE VISTA AVENUE AND COLORADO AVENUE INTERSECTION THAT CONFLICTS WITH THE PROPOSED STRIPING.



NOTE:
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M. G. Pitcock
MICHAEL G. PITCOCK, P.E.
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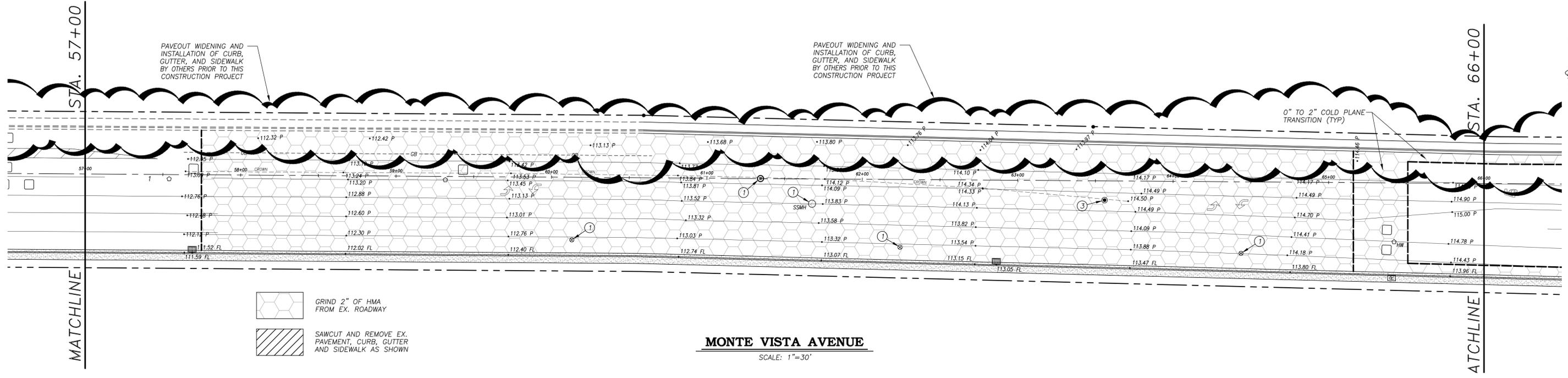
**CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION
156 S. BROADWAY, STE 150
(209) 668-5520**

DEMOLITION PLAN
MONTE VISTA AVENUE ~ STA. 39+00 TO STA. 57+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

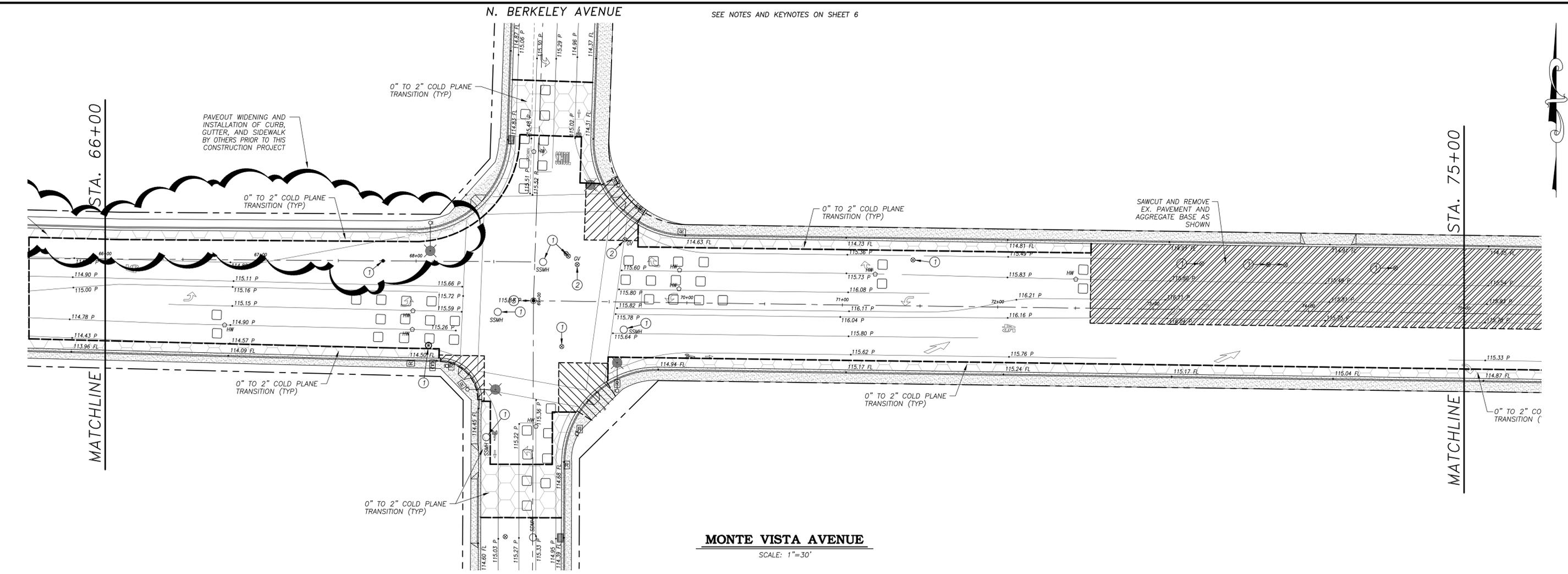
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REV. BY: --
CH. BY: SF
DATE: AUGUST, 2017
SCALE: 1" = 30'
14-25 BASE.dwg

SHEET
7
OF **23**



MONTE VISTA AVENUE
SCALE: 1"=30'



MONTE VISTA AVENUE
SCALE: 1"=30'



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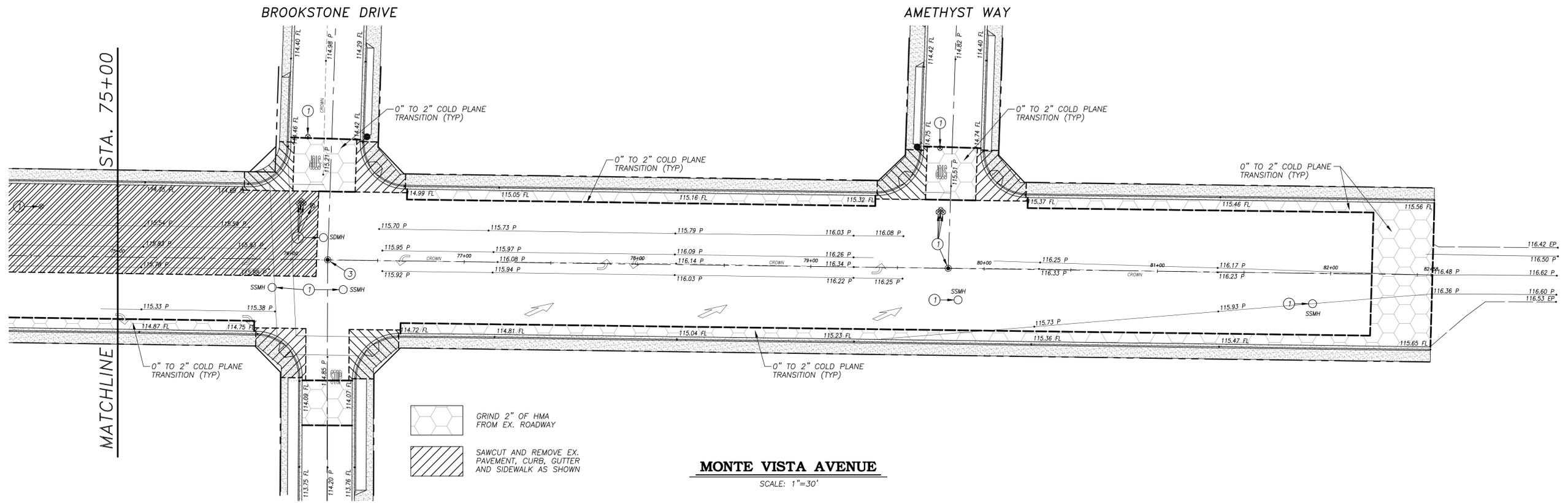
**CITY OF TURLOCK
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DEMOLITION PLAN
MONTE VISTA AVENUE ~ STA. 57+00 TO STA. 75+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
0 1/4" 3/4" 1"
1/2"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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DATE: AUGUST, 2017
SCALE: 1" = 30'
14-25 BASE.dwg

SHEET
8
OF **23**



MONTE VISTA AVENUE

SCALE: 1"=30'

SEE NOTES AND KEYNOTES ON SHEET 6



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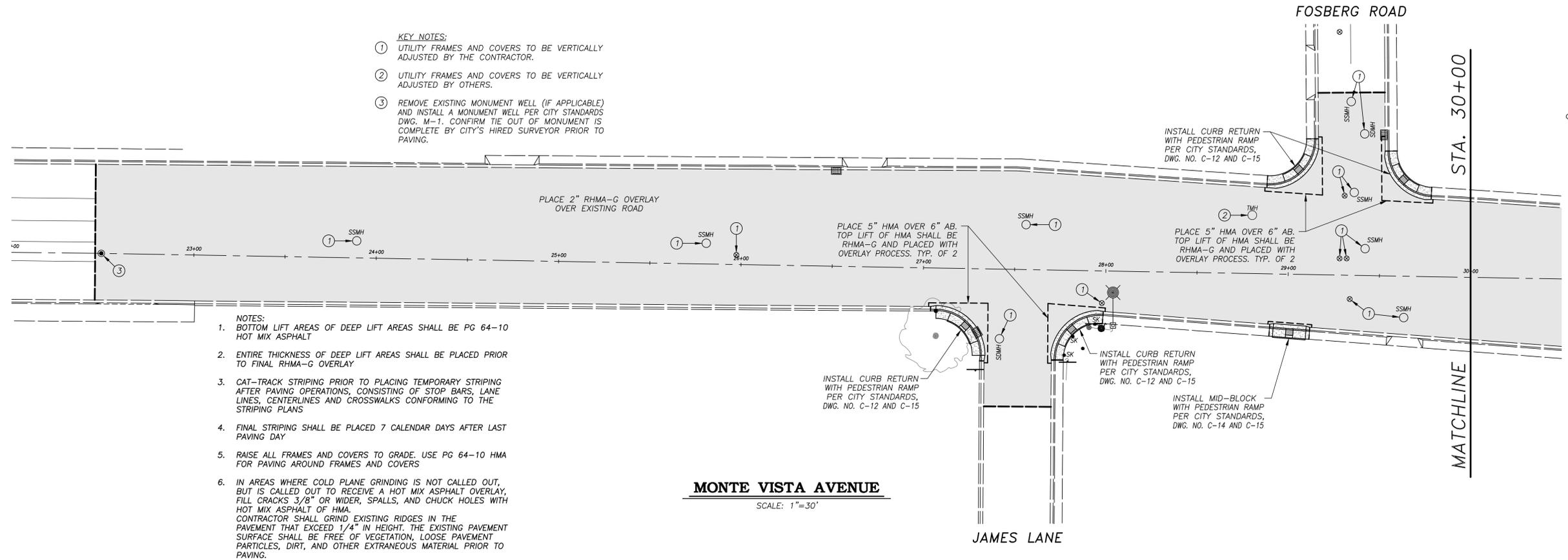
DEMOLITION PLAN
MONTE VISTA AVENUE ~ STA. 75+00 TO END
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
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SHEET
9
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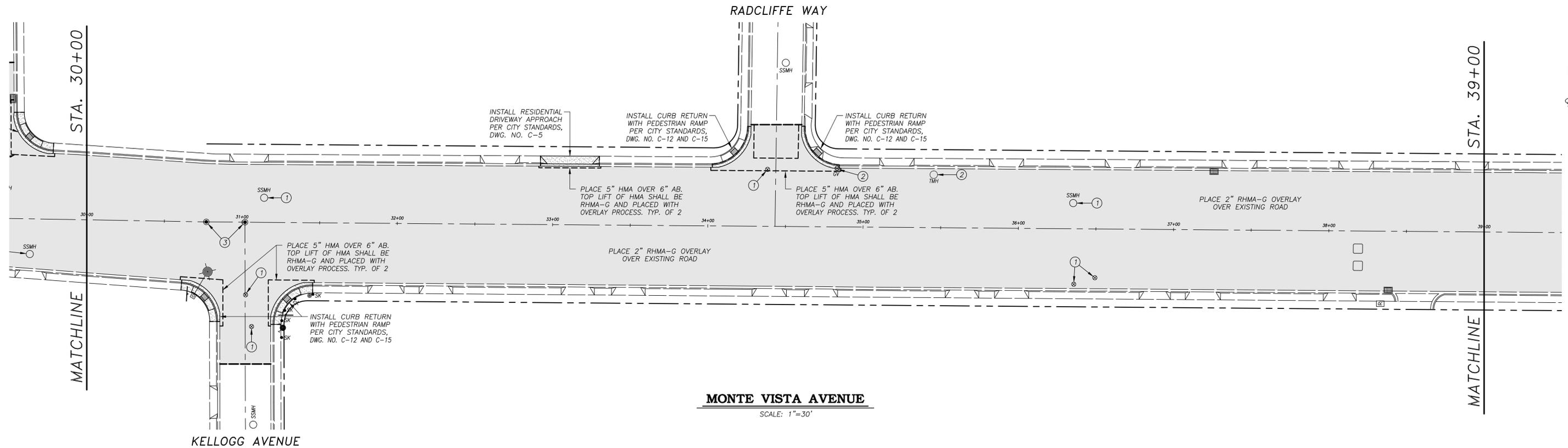
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- NOTES:**
- BOTTOM LIFT AREAS OF DEEP LIFT AREAS SHALL BE PG 64-10 HOT MIX ASPHALT
 - ENTIRE THICKNESS OF DEEP LIFT AREAS SHALL BE PLACED PRIOR TO FINAL RHMA-G OVERLAY
 - CAT-TRACK STRIPING PRIOR TO PLACING TEMPORARY STRIPING AFTER PAVING OPERATIONS, CONSISTING OF STOP BARS, LANE LINES, CENTERLINES AND CROSSWALKS CONFORMING TO THE STRIPING PLANS
 - FINAL STRIPING SHALL BE PLACED 7 CALENDAR DAYS AFTER LAST PAVING DAY
 - RAISE ALL FRAMES AND COVERS TO GRADE. USE PG 64-10 HMA FOR PAVING AROUND FRAMES AND COVERS
 - IN AREAS WHERE COLD PLANE GRINDING IS NOT CALLED OUT, BUT IS CALLED OUT TO RECEIVE A HOT MIX ASPHALT OVERLAY, FILL CRACKS 3/8" OR WIDER, SPALLS, AND CHUCK HOLES WITH HOT MIX ASPHALT OF HMA. CONTRACTOR SHALL GRIND EXISTING RIDGES IN THE PAVEMENT THAT EXCEED 1/4" IN HEIGHT. THE EXISTING PAVEMENT SURFACE SHALL BE FREE OF VEGETATION, LOOSE PAVEMENT PARTICLES, DIRT, AND OTHER EXTRANEOUS MATERIAL PRIOR TO PAVING.

MONTE VISTA AVENUE

SCALE: 1"=30'



MONTE VISTA AVENUE

SCALE: 1"=30'



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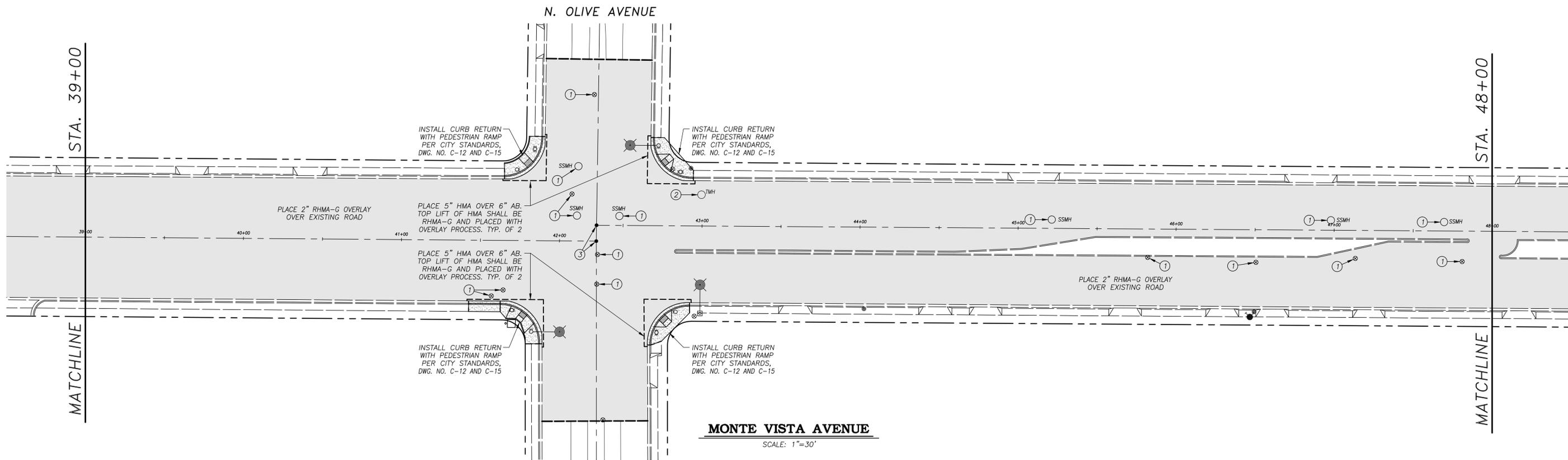
**CITY OF TURLOCK
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GRADING, DRAINAGE AND OVERLAY PLAN
MONTE VISTA AVENUE ~ BEGIN TO STA. 39+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

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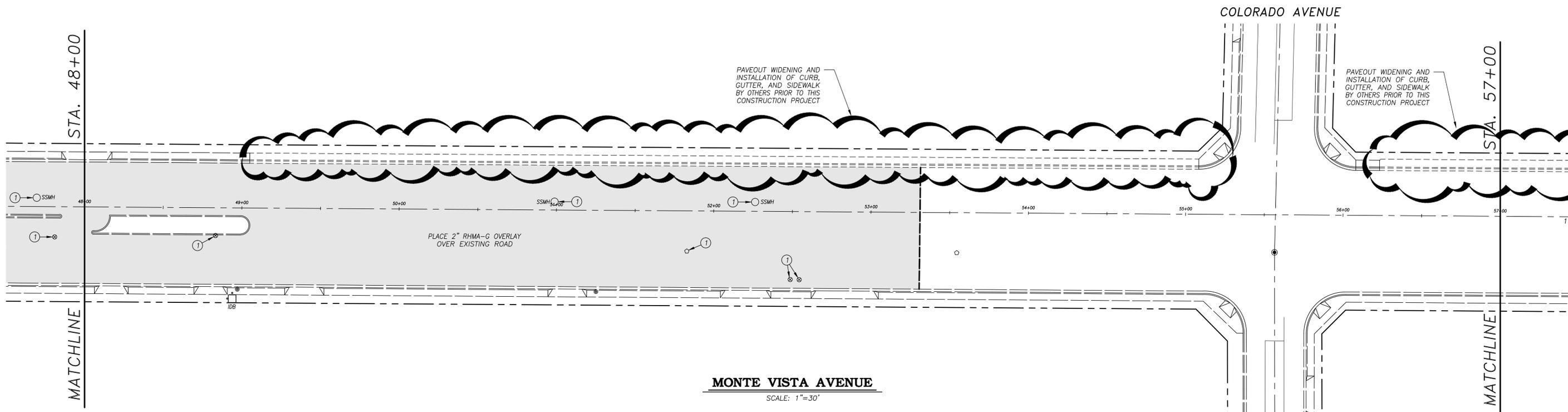
SHEET
10
OF **23**



MONTE VISTA AVENUE

SCALE: 1"=30'

SEE NOTES AND KEYNOTES ON SHEET 10



MONTE VISTA AVENUE

SCALE: 1"=30'



NOTE:
ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

M. G. Pitcock
MICHAEL G. PITCOCK, P.E.
DIRECTOR OF DEVELOPMENT SERVICES/CITY ENGINEER
10/25/17
PLANS APPROVAL DATE



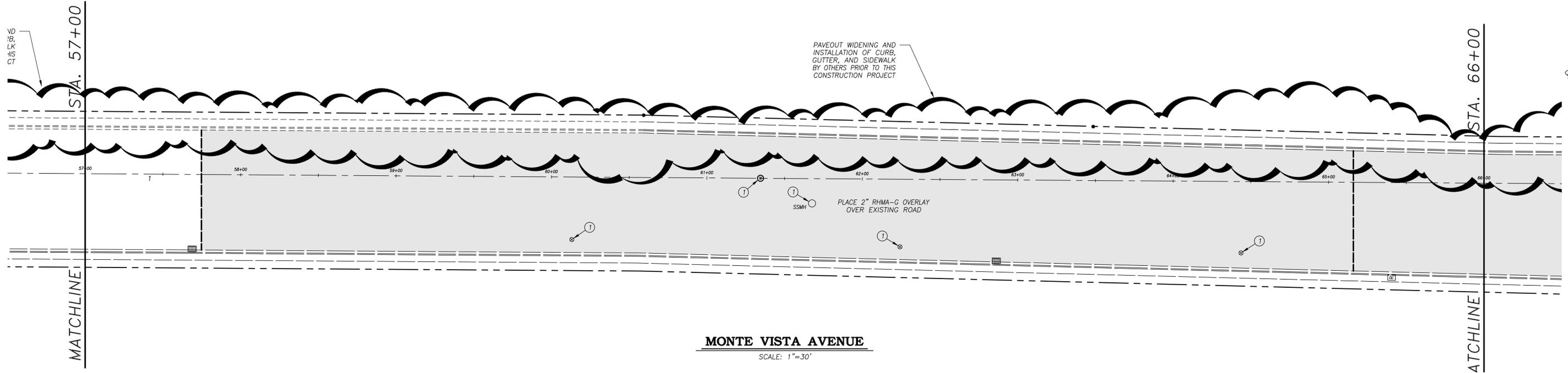
**CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION
156 S. BROADWAY, STE 150
(209) 668-5520**

GRADING, DRAINAGE AND OVERLAY PLAN
MONTE VISTA AVENUE ~ STA. 39+00 TO STA. 57+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
0 1/4" 3/4" 1"
1/2"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: AZ
REV. BY: --
CH. BY: SF
DATE: AUGUST, 2017
SCALE: 1" = 30'
14-25 BASE.dwg

SHEET
11
OF **23**

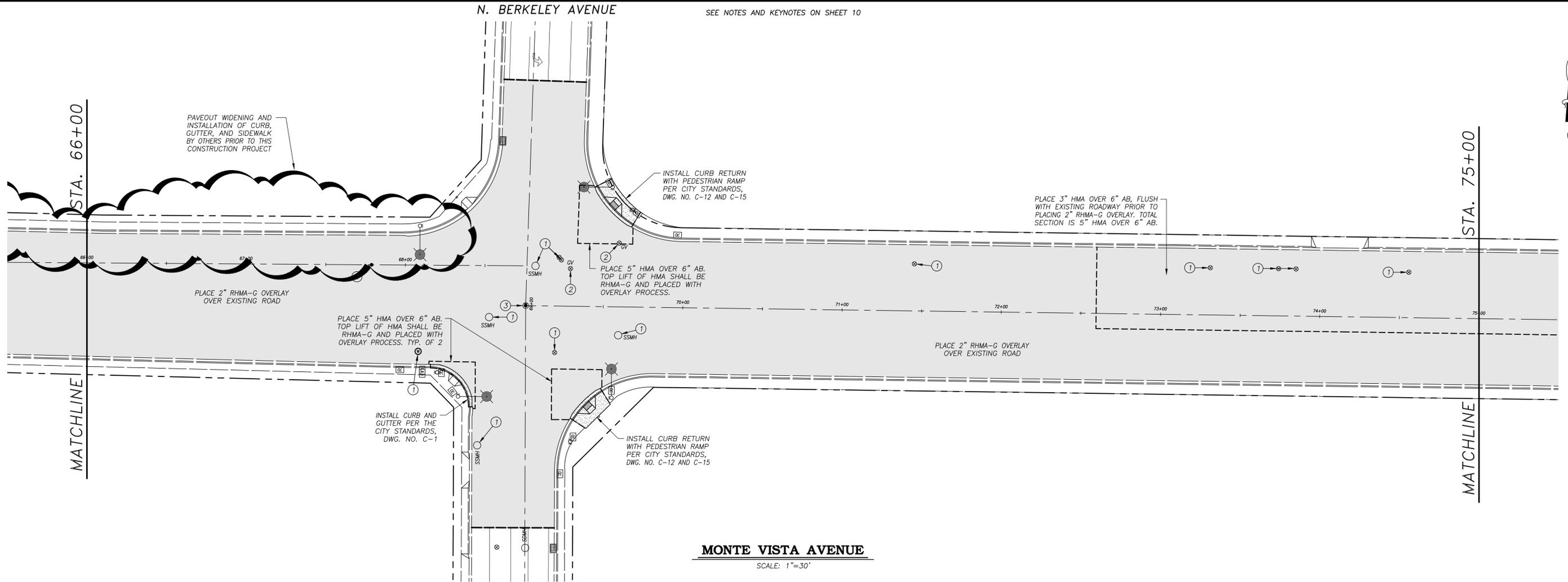


MONTE VISTA AVENUE

SCALE: 1"=30'

N. BERKELEY AVENUE

SEE NOTES AND KEYNOTES ON SHEET 10



MONTE VISTA AVENUE

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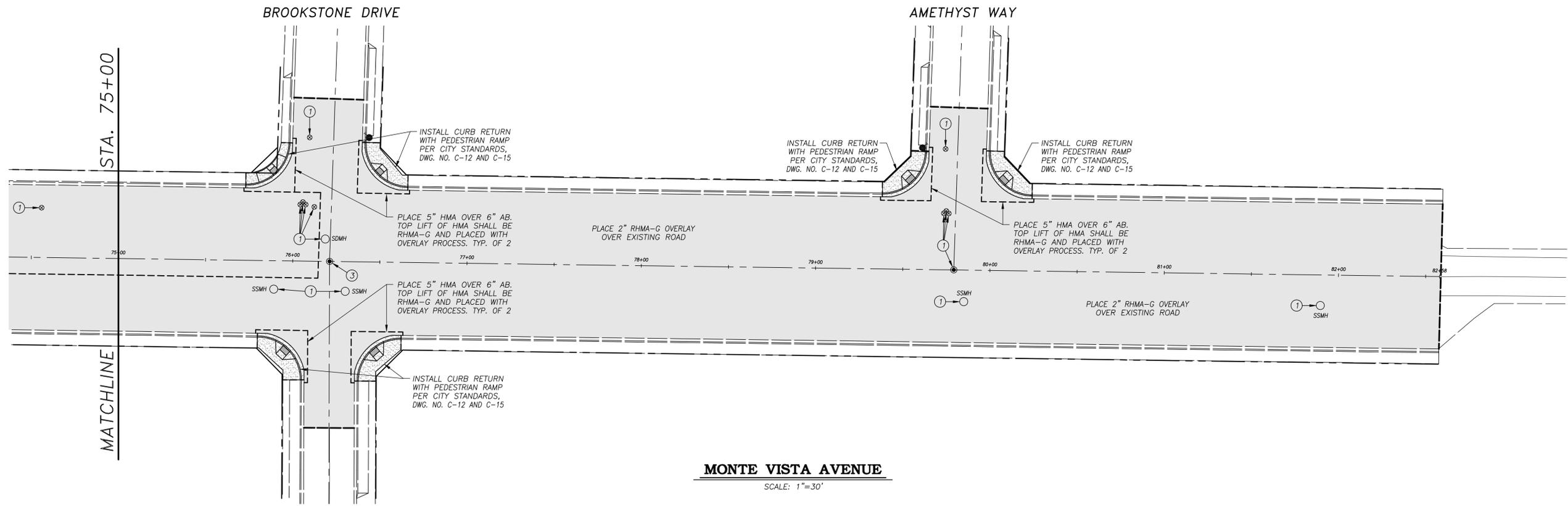
**CITY OF TURLOCK
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ENGINEERING DIVISION
156 S. BROADWAY, STE 150
(209) 668-5520**

GRADING, DRAINAGE AND OVERLAY PLAN
MONTE VISTA AVENUE ~ STA. 57+00 TO STA. 75+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

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SHEET
12
OF **23**



MONTE VISTA AVENUE

SCALE: 1"=30'

SEE NOTES ON SHEET 10



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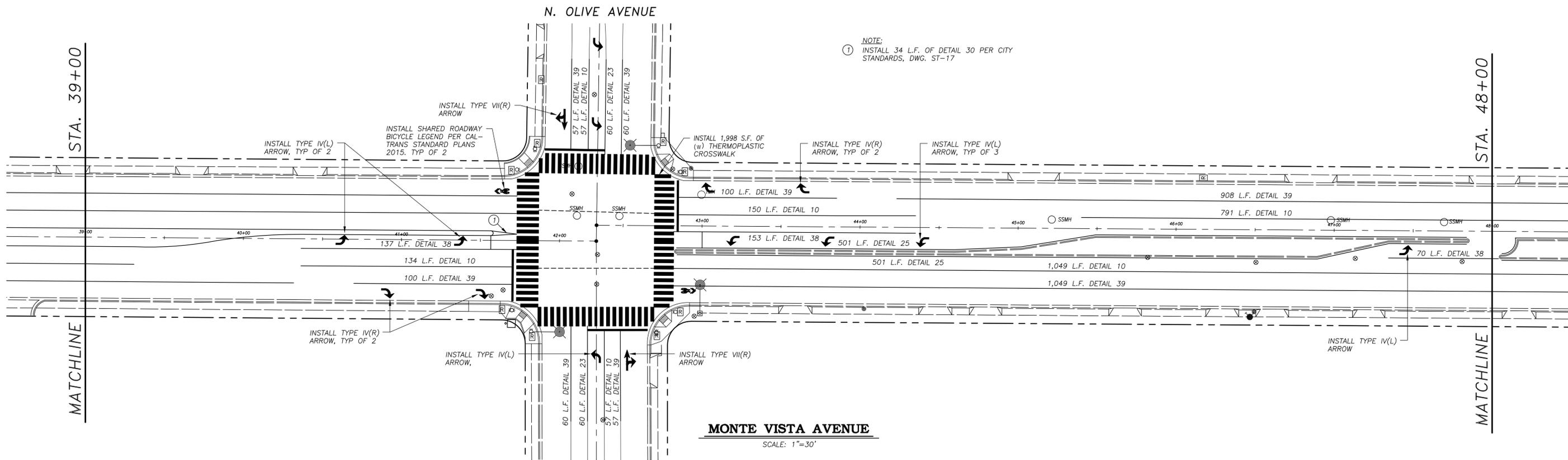
**CITY OF TURLOCK
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ENGINEERING DIVISION
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(209) 668-5520**

GRADING, DRAINAGE AND OVERLAY PLAN
MONTE VISTA AVENUE ~ STA. 75+00 TO END
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
ADDENDUM NO. 1

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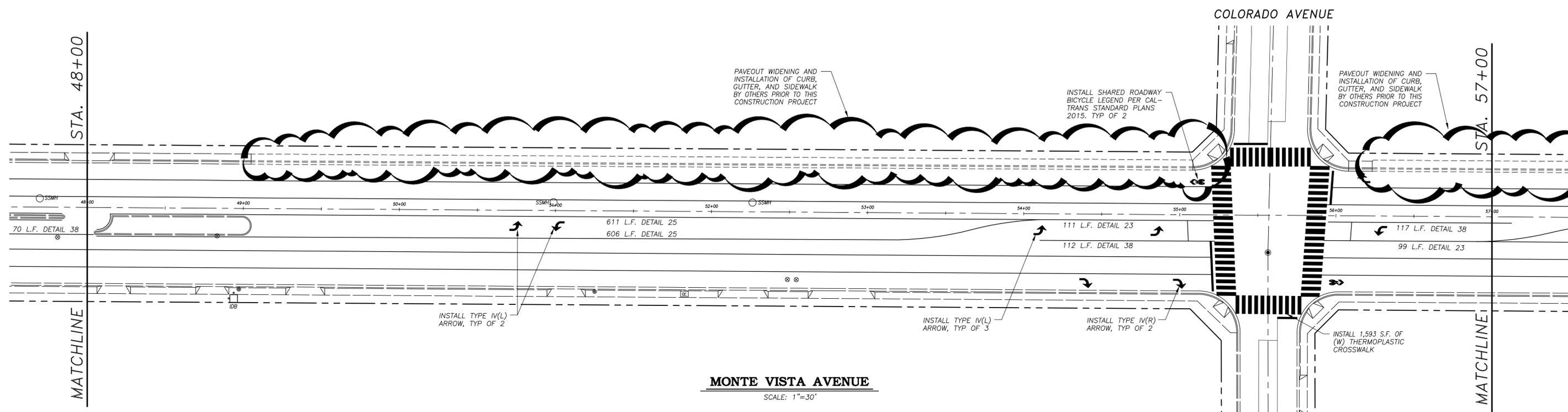
SHEET
13
OF **23**



NOTE:
 ① INSTALL 34 L.F. OF DETAIL 30 PER CITY STANDARDS, DWG. ST-17

MONTE VISTA AVENUE
 SCALE: 1"=30'

SEE NOTES ON SHEET 14



MONTE VISTA AVENUE
 SCALE: 1"=30'



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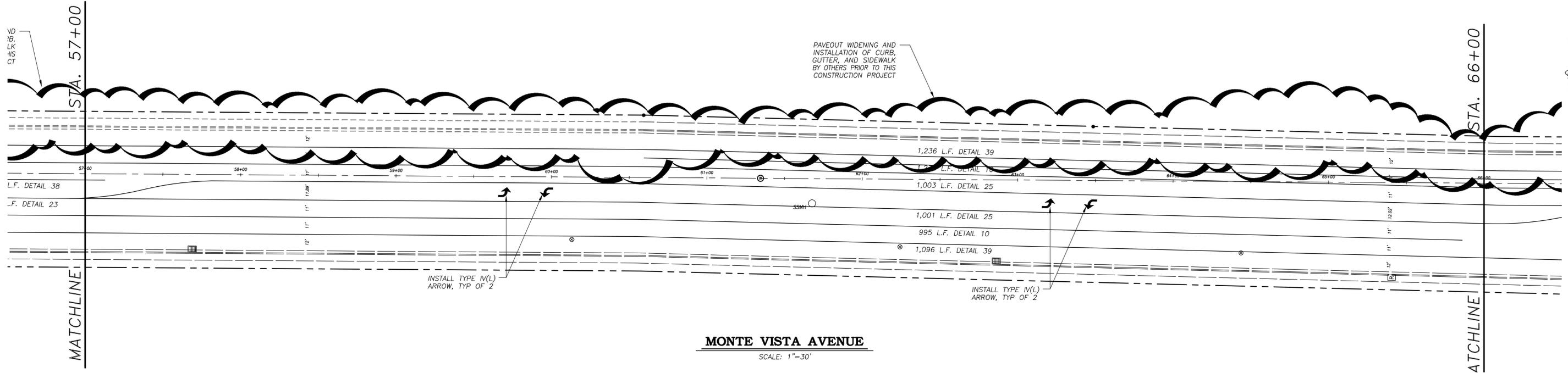
CITY OF TURLOCK
 DEVELOPMENT SERVICES
 ENGINEERING DIVISION
 156 S. BROADWAY, STE 150
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STRIPING AND SIGNAGE PLAN
 MONTE VISTA AVENUE ~ STA. 39+00 TO STA. 57+00
CAPITAL PROJECT NO. 14-25
EAST MONTE VISTA AVENUE REHABILITATION
 ADDENDUM NO. 1

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15
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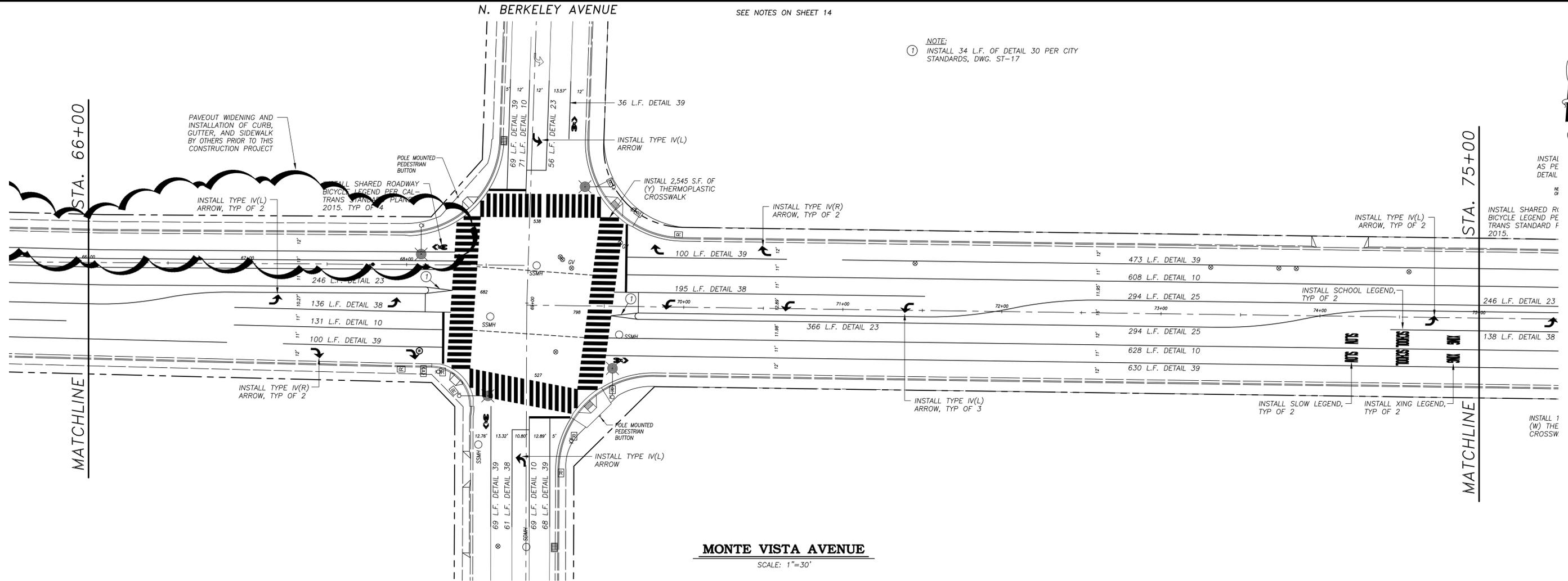
MONTE VISTA AVENUE

SCALE: 1"=30'

N. BERKELEY AVENUE

SEE NOTES ON SHEET 14

NOTE:
 ① INSTALL 34 L.F. OF DETAIL 30 PER CITY STANDARDS, DWG. ST-17



MONTE VISTA AVENUE

SCALE: 1"=30'



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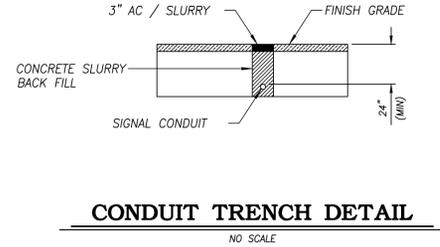
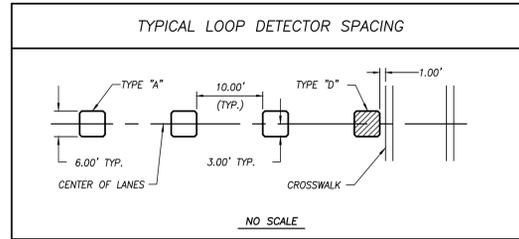
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**STRIPING AND SIGNAGE PLAN
 MONTE VISTA AVENUE ~ STA. 57+00 TO STA. 75+00
 CAPITAL PROJECT NO. 14-25
 EAST MONTE VISTA AVENUE REHABILITATION
 ADDENDUM NO. 1**

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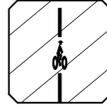
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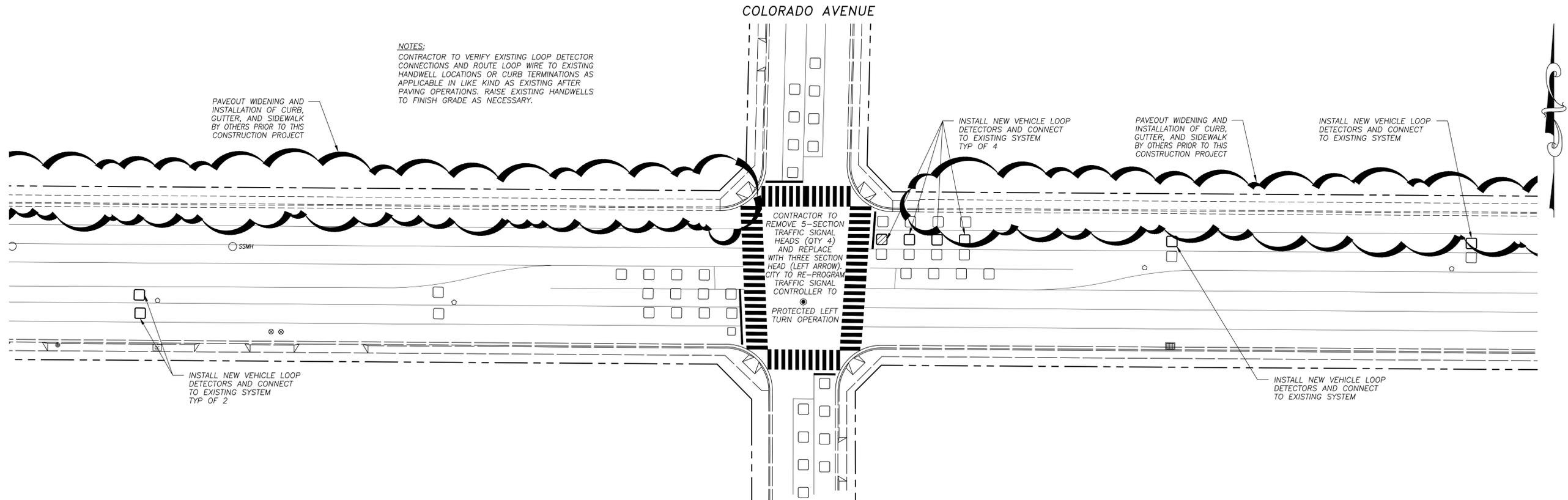


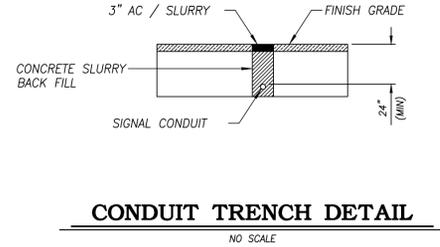
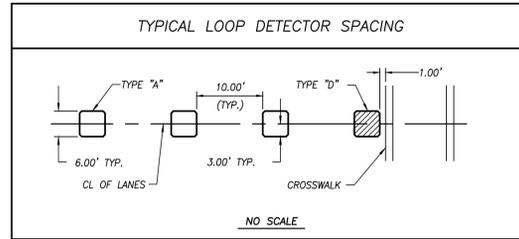
- INDUCTIVE LOOP DETECTORS**
1. THE CONTRACTOR SHALL REPLACE ALL LOOP DETECTORS
 2. CENTER LOOPS IN LANE UNLESS OTHERWISE NOTED.
 3. LOOP WIRE SHALL BE TYPE 2.
 4. LOOP DETECTOR LEAD-IN CABLE SHALL BE TYPE B.
 5. SLOTS SHALL BE FILLED WITH POLY-LOOP TA-3000 MANUFACTURED BY TRI-AMERICAN, INC., OR APPROVED EQUAL.
 6. TRAFFIC SIGNAL LOOPS SHALL BE TYPE "A" AND TYPE "D" AS DESIGNATED ON THE PLANS
 7. THE DEPTH OF LOOP SEALANT ABOVE THE TOP OF THE UPPERMOST LOOP WIRE IN THE SAWED SLOTS SHALL BE 2 INCH, MINIMUM.
 8. THE FURTHERMOST RIGHT TYPE "D" DETECTOR, NEAREST THE STOP BAR OR CROSSWALK OF EACH PHASE, SHALL BE DESIGNATED FOR BICYCLE DETECTION AND SHALL HAVE A BICYCLE LOOP DETECTOR SYMBOL INSTALLED IN THE CENTER OF THE DETECTION AREA, UNLESS OTHERWISE SPECIFIED IN THE PROJECT PLANS OR SPECIFICATIONS.
 9. THE BICYCLE LOOP DETECTOR SYMBOL SHALL BE PER THE CURRENT EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS.

THE FURTHERMOST RIGHT TYPE "D" DETECTOR, NEAREST THE STOP BAR OR CROSSWALK OF EACH DIRECTIONAL MOVEMENT, SHALL BE DESIGNATED FOR BICYCLE DETECTION AND SHALL HAVE A BICYCLE LOOP DETECTOR SYMBOL INSTALLED IN THE CENTER OF THE DETECTION AREA, UNLESS OTHERWISE SPECIFIED IN THE PROJECT PLANS OR SPECIFICATIONS.



NOTES:
 CONTRACTOR TO VERIFY EXISTING LOOP DETECTOR CONNECTIONS AND ROUTE LOOP WIRE TO EXISTING HANDWELL LOCATIONS OR CURB TERMINATIONS AS APPLICABLE IN LIKE KIND AS EXISTING AFTER PAVING OPERATIONS. RAISE EXISTING HANDWELLS TO FINISH GRADE AS NECESSARY.

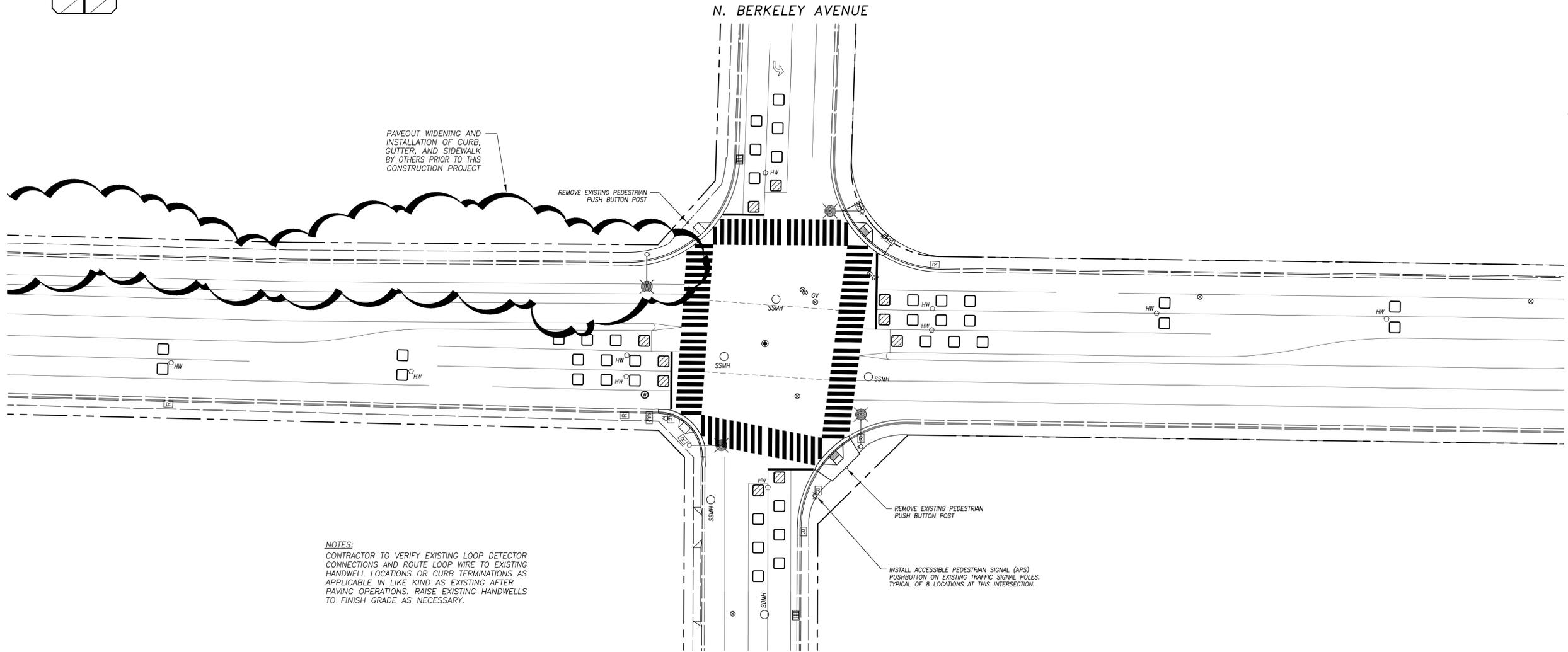
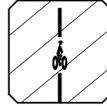




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PEDESTRIAN PUSHBUTTONS

PEDESTRIAN PUSHBUTTONS SHALL MEET MUTCD REQUIREMENTS FOR ACCESSIBLE PEDESTRIAN SIGNALS. CONTRACTOR SHALL PROVIDE THE APS WHERE THE MUTCD LANGUAGE IS SUCH THAT A FEATURE "SHALL" BE REQUIRED. THE PUSH BUTTON SIGN SHALL BE PORCELAIN ENAMELED METAL. THE PUSH BUTTON SHALL INCLUDE A R10-3e SIGN IMMEDIATELY ABOVE THE BUTTON.

POLE-SUPPORTED PEDESTRIAN TRAFFIC CONTROL BUTTONS SHALL BE IDENTIFIED WITH COLOR CODING CONSISTING OF A TEXTURED HORIZONTAL YELLOW BAND 2" IN WIDTH ENCIRCLING THE POLE, AND A 1" WIDE DARK BORDER BAND ABOVE AND BELOW THE YELLOW BAND. COLOR CODING SHOULD BE PLACED IMMEDIATELY ABOVE THE CONTROL BUTTON. CONTROL BUTTONS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE THE SURFACE ADJACENT TO THE POLE.



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TRAFFIC SIGNAL DETECTOR LOOP PLAN
 CAPITAL PROJECT NO. 14-25
 EAST MONTE VISTA AVENUE REHABILITATION
 ADDENDUM NO. 1

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