

Department of Public Works
Engineering Division

December 15, 2023

CITY OF BERKELEY
SANITARY SEWER REHABILITATION PROJECT, URGENT SEWER REPAIR PROJECT FY 2024
SPECIFICATION NO. 24-11645-C
ADDENDUM NO. 1

Dear Bidder:

The City of Berkeley has revised the Plans and Contract Specifications of Specification No. 24-11645-C, Sanitary Sewer Rehabilitation Project – Urgent Sewer Repair Project FY 2024. The following Sheets in the Contract Plans have revisions:

Plan Sheet Title	Plan Sheet Number	Notes
Repair Locations – Plan	Sheet 5 of 9	Revision No. 1
Repair Table	Sheet 7 of 9	Revision No. 1

The following item in the Contract Specifications have revisions:

Item No. 1 – Revising Description of Bid Items No. 33, page B22 of Special Provisions

Revise Bid Item No. 33 description to replace in kind all striping and pavement marking, and include this work in the unit price for Bid Item No. 33. Replace Page B22 with new Amended Page B22 included as Attachment 1 of this Addendum.

All other provisions of the contract documents shall remain the same. **Bidders shall submit a signed copy of Addendum No. 1 along with their Bidder’s Proposal. Failure to do so may result in bid rejection.**

Sincerely,

Daniel M. Akagi, P.E. Supervising Civil Engineer

BIDDER’S ACKNOWLEDGEMENT:

Name of Company: _____

Address, City, State, Zip: _____

Signature: _____

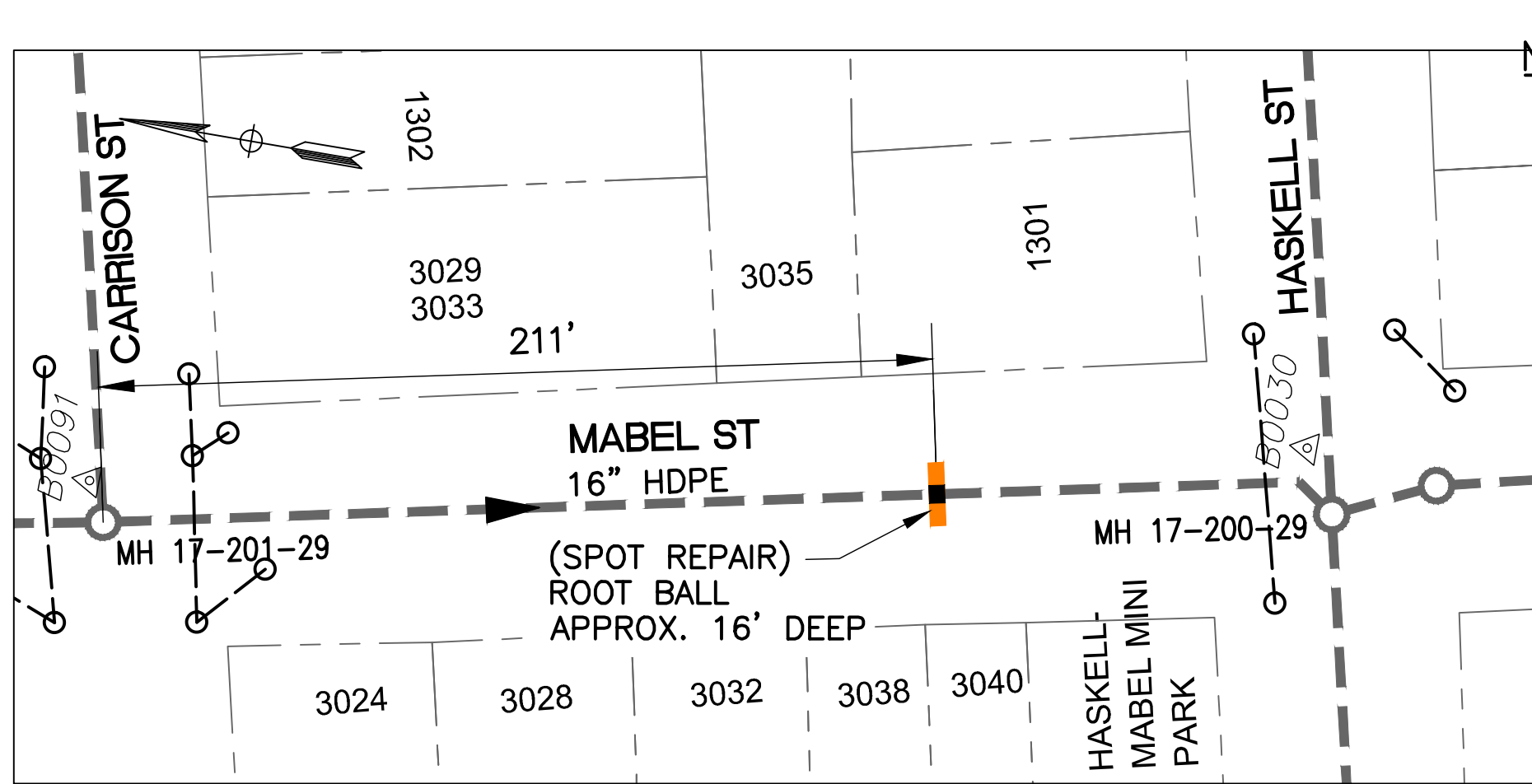
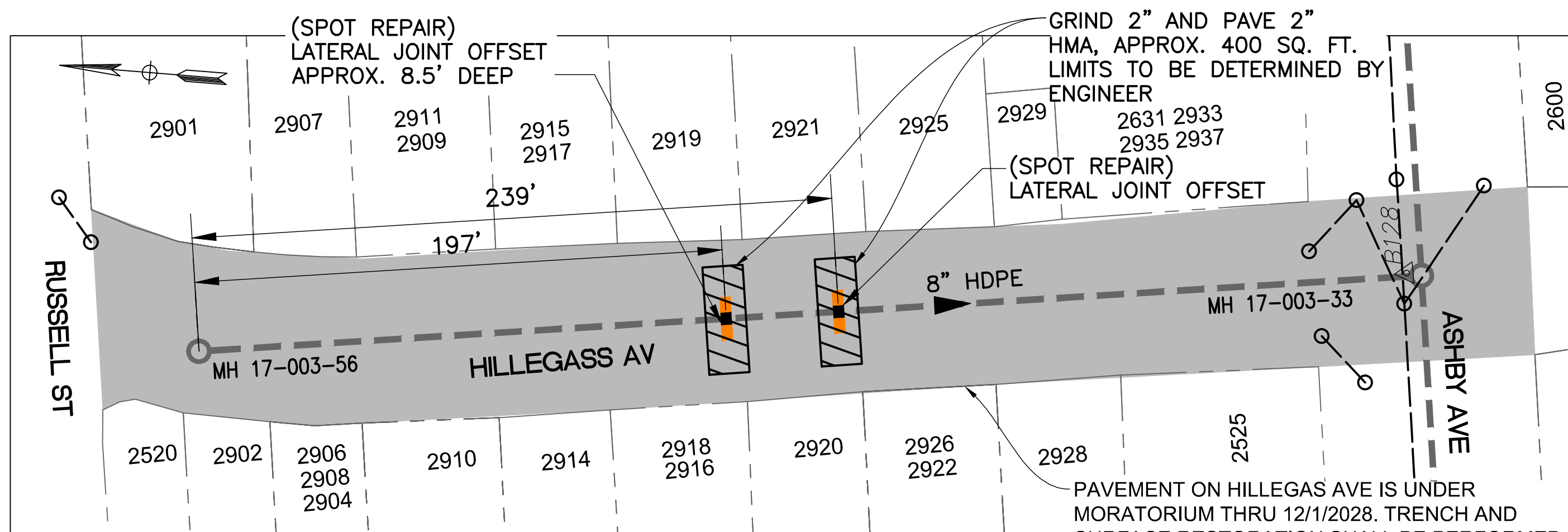
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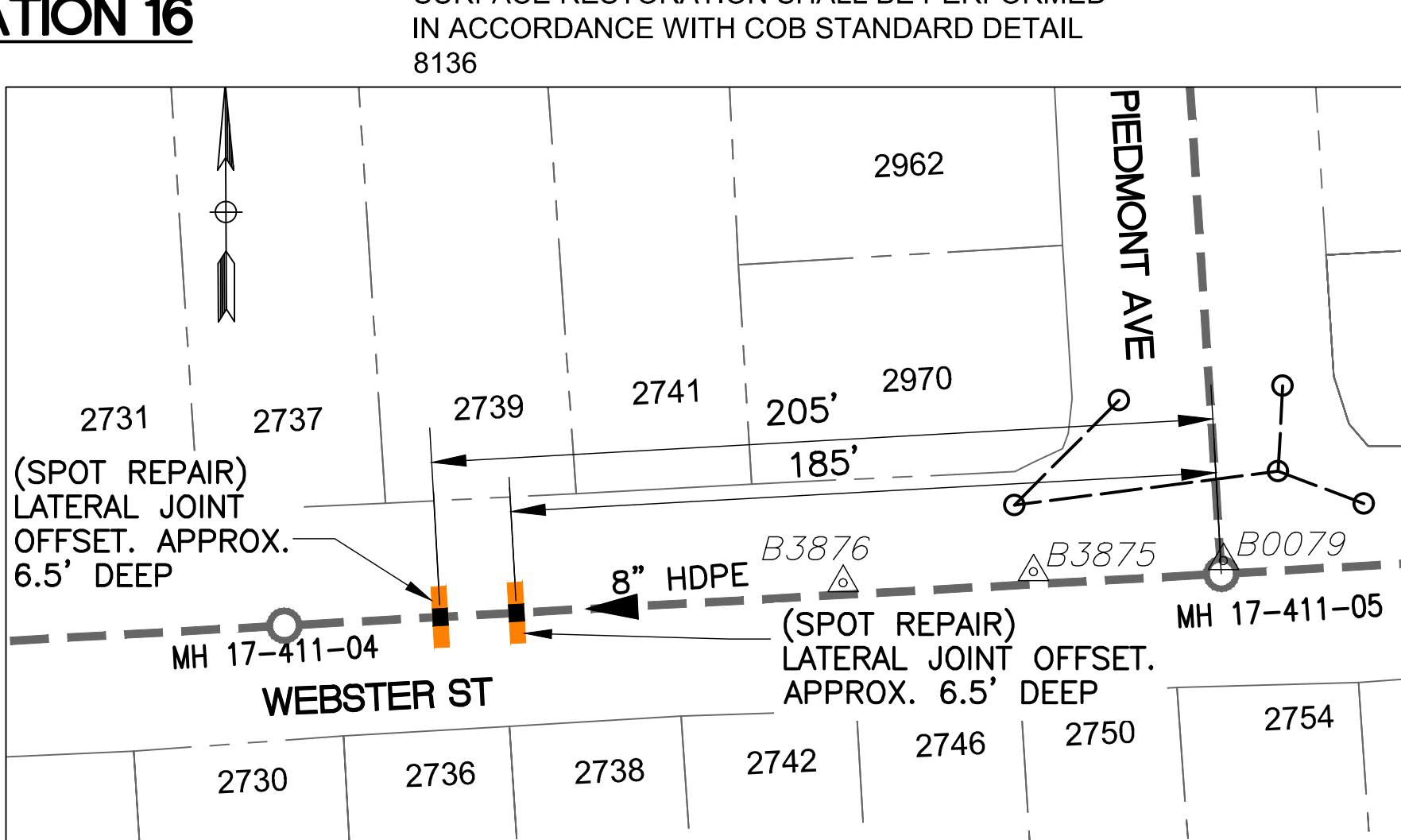
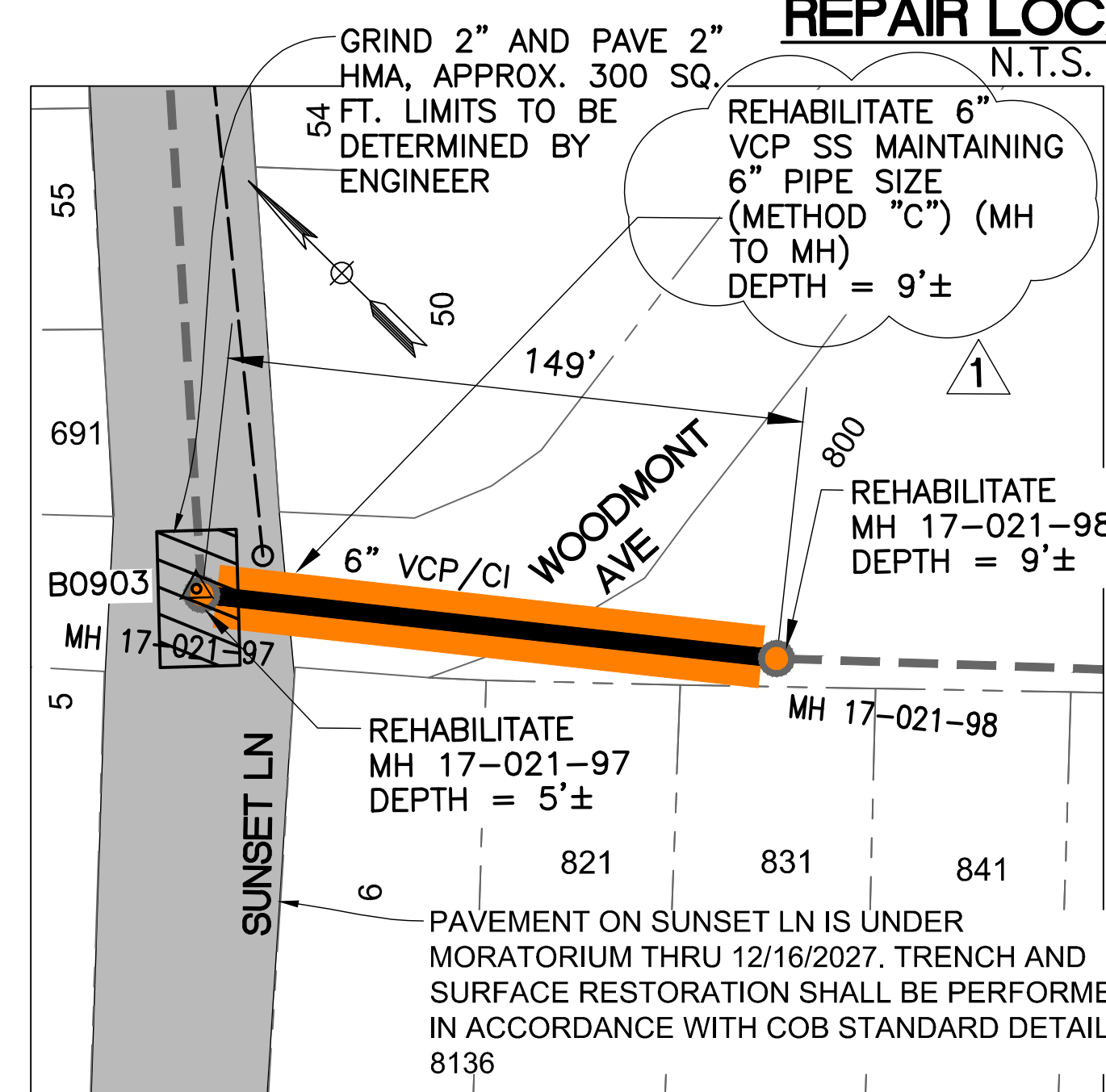
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Attachments: Revised Plan Sheets
Attachment 1, Amended Page B22

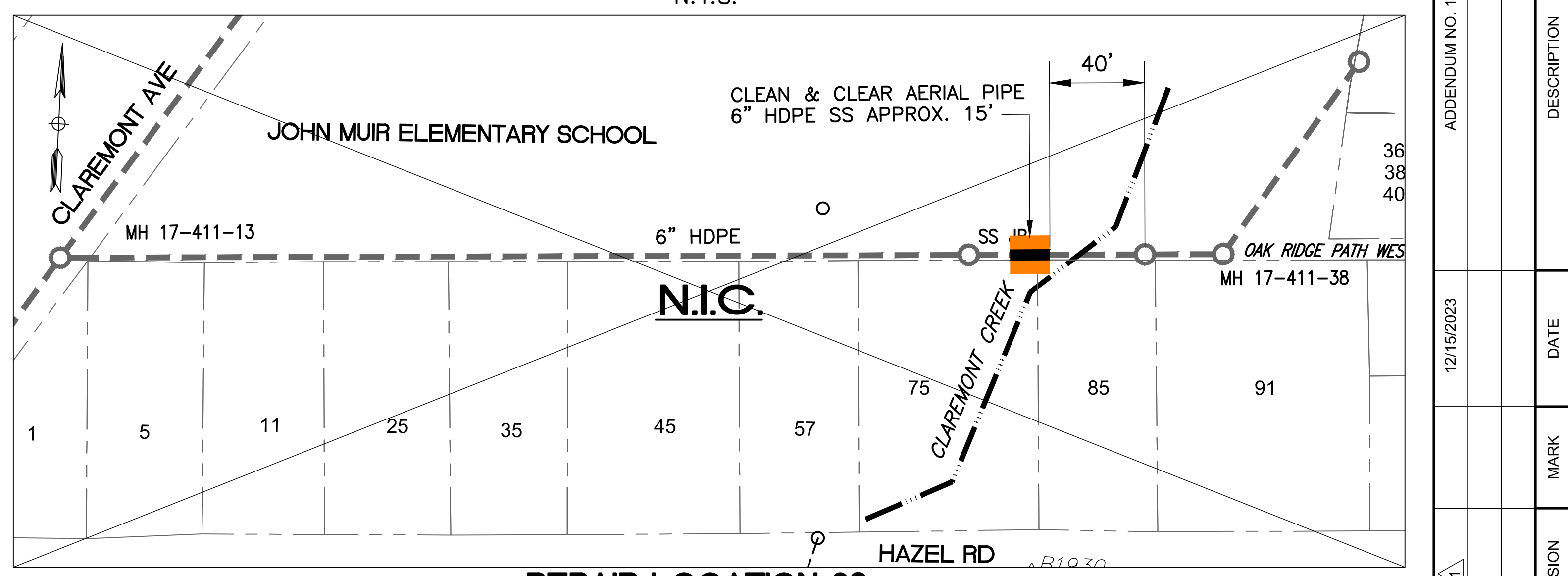
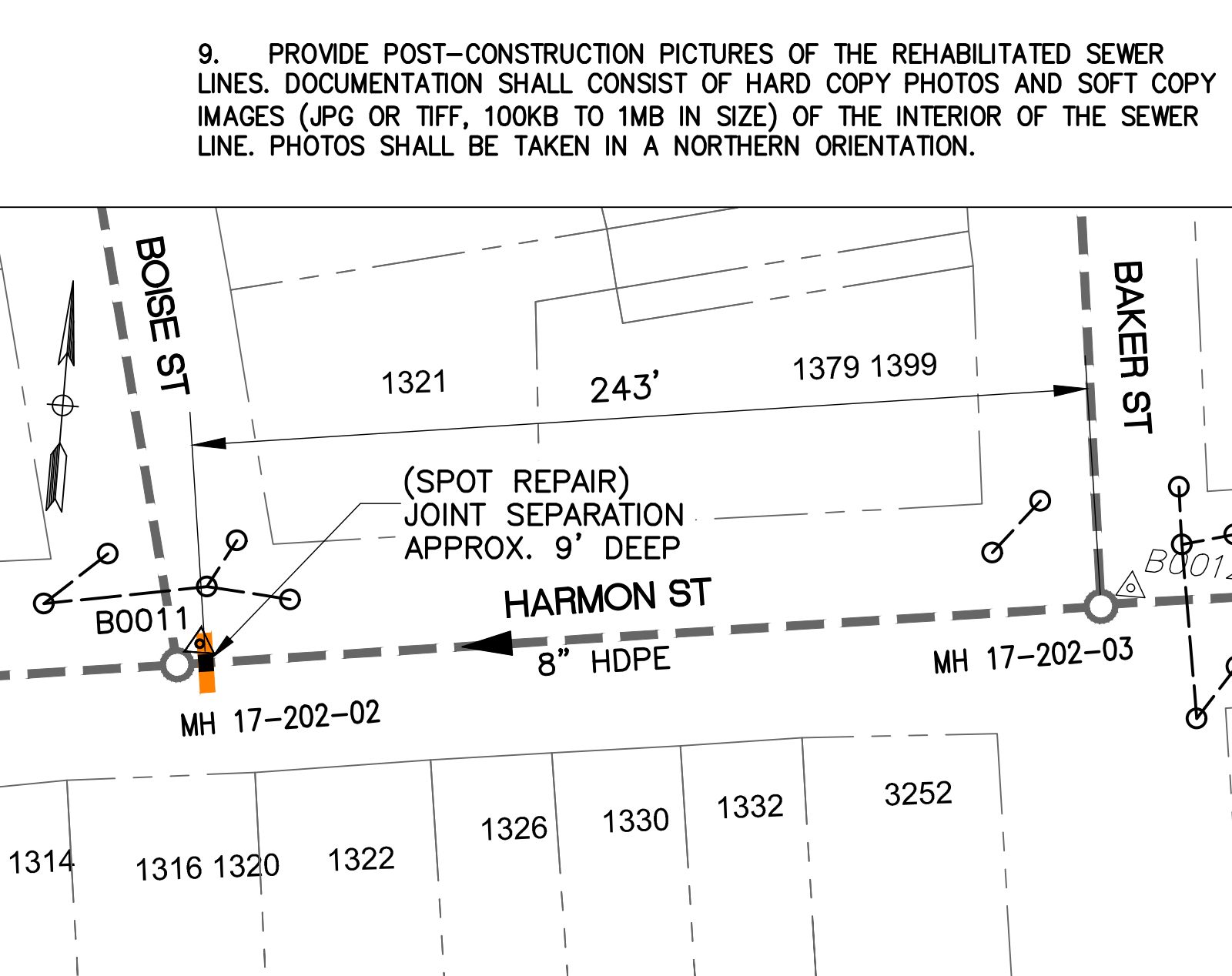
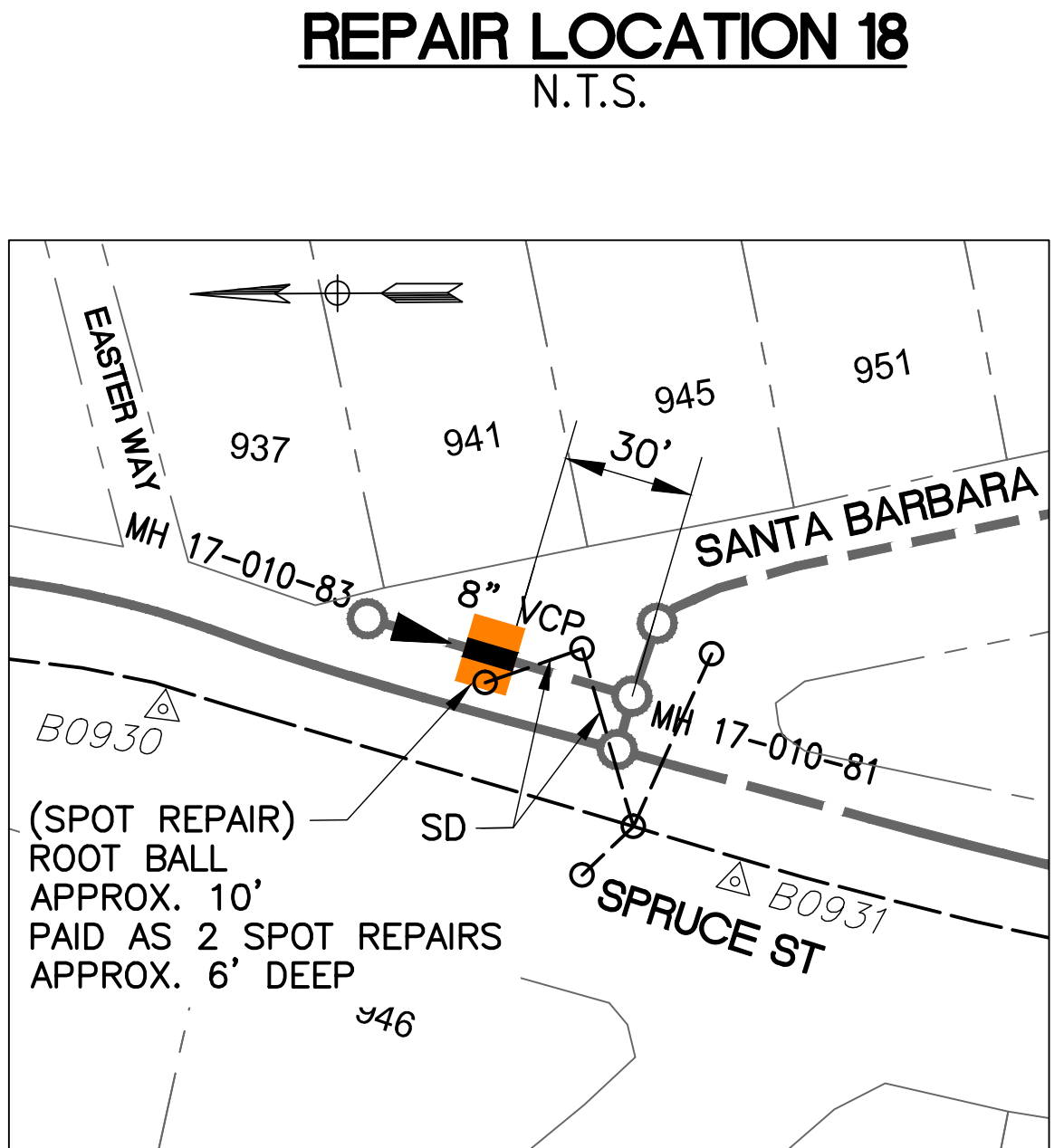
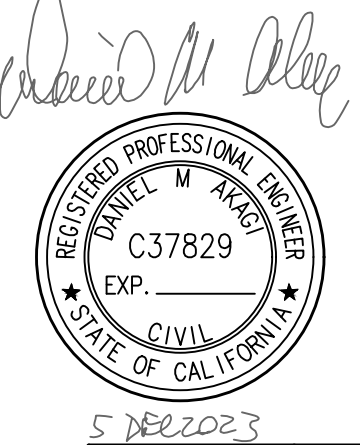
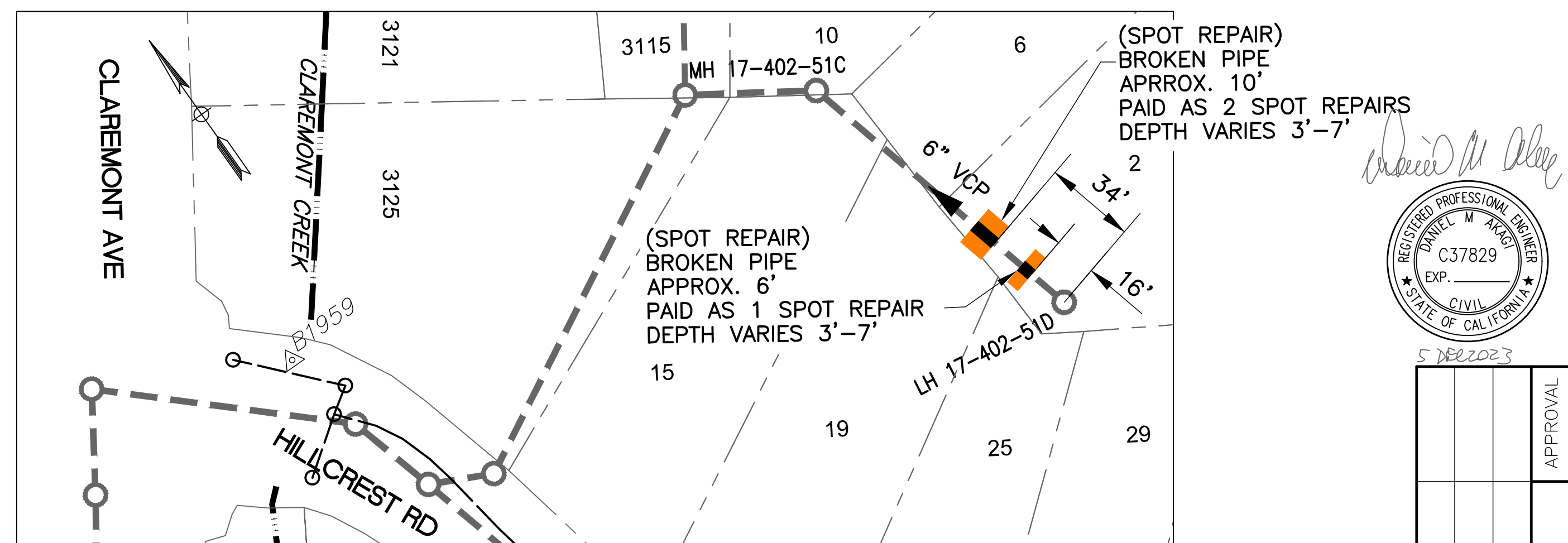
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- NOTES:**
- FOR GENERAL NOTES SEE SHEET 2 OF THE PLANS.
 - RECONSTRUCT CITY MONUMENTS DISTURBED BY SEWER INSTALLATION. REFER TO STANDARD DETAIL PLANS NOS. 7940, 8090 & 8179 OF THE SPECIFICATIONS.
 - IN ACCORDANCE WITH SPECIAL CONDITION NO. 13 IN THE SPECIAL PROVISIONS, PRIOR TO EXCAVATION, CONTRACTOR SHALL POTHOLE AND VERIFY THE LOCATIONS AND DEPTH OF EXISTING STORM DRAINS, SANITARY SEWER MAINS, SEWER LATERALS, AND OTHER UTILITIES OR CONDUITS TO CONFIRM CLEARANCE TO THE WORK BEING PERFORMED. IF THE CLEARANCE IS LESS THAN 12 INCHES OR IF THERE IS AN EXISTING CONCRETE SADDLE AT THE CROSSING, NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO CONTINUING WORK.
 - ALL EXISTING TREES SHALL BE PROTECTED AGAINST INJURY FROM CONSTRUCTION OPERATIONS UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL NOT BEGIN AND WORK OUTSIDE THE RIGHT-OF-WAY BEFORE WRITTEN AUTHORIZATION FROM ENGINEER.
 - PERFORM SPOT REPAIRS ON VCP AND PVC USING MATCHING VCP FITTINGS, PVC FITTINGS AND SHIELDED COUPLINGS AS REQUIRED. SEE SECTION 306-7.4.4 OF TECHNICAL PROVISIONS FOR SHIELDED COUPLING SPECIFICATIONS.
 - PERFORM SPOT REPAIRS ON HDPE USING ELECTROFUSION COUPLINGS AND/OR FUSED SADDLES AS REQUIRED. ELECTROFUSION COUPLINGS SHOULD CONFORM TO ASTM F1055.



- NOTES:**
- CONTRACTOR SHALL NOTIFY ENGINEER IF THE PROPOSED REHABILITATED SEWER LINE IS BRICK PRIOR TO STARTING ANY WORK. ALL EXISTING BRICK SEWER LINES SHALL BE COMPLETELY REMOVED AND REPLACED PER BID ITEM 9.
 - PROVIDE POST-CONSTRUCTION PICTURES OF THE REHABILITATED SEWER LINES. DOCUMENTATION SHALL CONSIST OF HARD COPY PHOTOS AND SOFT COPY IMAGES (JPG OR TIFF, 100KB TO 1MB IN SIZE) OF THE INTERIOR OF THE SEWER LINE. PHOTOS SHALL BE TAKEN IN A NORTHERN ORIENTATION.



PROJECT MANAGER: _____	DEPICTION OF MONUMENTS: _____	DATE: _____	SUBMITTED: _____	DATE: _____	DESIGN: JC	HORIZ.: NONE	CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS	SANITARY SEWER REHABILITATION URGENT SEWER REPAIR PROJECT FY 2024 REPAIR LOCATIONS PLAN	PLAN 8281
DATE: _____	SURVEY PARTY CHIEF: _____	DATE: _____	SUPERVISING CIVIL ENGINEER: _____	DATE: _____	DRAWN: PW	VERT.: NONE			FILE 503-638
WATERSHED REVIEW: _____		DATE: _____	APPROVED: _____	DATE: _____	CHECK: DA	BOOK: _____			C3
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES		DATE: _____	CITY ENGINEER: _____	DATE: 12/15/23	AS BUILT: _____	DATE: 12/15/23			SHEET 5 OF 9

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Location	Repair #.	Nearest Address	AssetID	Pipe Size	Pipe Material	DESCRIPTION	APPROX.DEPTH (ft)
1	1	Miller Ave	17-711-38-17-711-37	6	HDPE	Sag with settled deposits @ 1' downstream from MH 17-711-38.	2'
2	2	Euclid Ave	17-712-01-17-710-11	8	HDPE	Sag @ 229' downstream from MH 17-712-01.	5'
3	3	Keeler Ave	17-712-81B-17-702-78	6	HDPE	Large lateral joint offset @ 8' upstream from MH 17-702-78.	3'
4	4	Campus Dr	17-605-15-17-605-95	8	HDPE	Sag with attached deposits starts @ 77' and ends @ 88' downstream from MH 17-605-95.	4.5'
5	5	Buena Vista	17-603-35-17-603-31 D29	8	PVC	Root ball @ 1' downstream from MH 17-603-35.	6'
7	7	Hillegass Ave	17-501-22-17-501-10	8	HDPE	Sag @ 16' downstream from MH 17-501-22.	9'
8	8	San Diego Rd	10-223-94-10-223-92	6	HDPE	Deformed pipe @ 22' downstream from MH 10-223-94.	4'
9	9	Kains Ave	12-001-45-12-001-44	8	HDPE	Large joint seperation @ 108' downstream from MH 12-001-45.	9'
11	11	Beverly Pl	13-005-61-13-005-60	6	HDPE	Sag with attached grease @ 13' downstream from MH 13-005-61.	6'
12	12	Kains Ave	12-001-58-12-001-21	6	VCP	Large joint seperation with soil visible @ 5' and 48' downstream from MH 12-001-58. Broken pipe with soil visible @ 21' and 25' downstream from MH 12-001-58. ▲	6'
13	13	Prince St	17-002-53-17-002-52	8	VCP	Large lateral joint offset @ 195' upstream from MH 17-002-52. Broken pipe @ 272' upstream from MH 17-002-52.	9.5'
14	14	Ada St	14-003-48-13-000-54A	8	HDPE	Lateral joint offset with soil visible @ 66' downstream from MH 14-003-48.	5.5'
15	15	Shasta Rd	17-016-93-17-016-92	8	PVC	Root ball at the pipe entrance of MH 17-016-93.	5.5'
16	16	Hillegass Ave	17-003-56-17-003-33	8	HDPE	Lateral joint offset @ 197' and 239' downstream from MH 17-003-56.	8.5'
17	17	Mabel St	17-201-29-17-200-29	16	HDPE	Roots growing inside lateral @ 211' downstream from MH 17-201-29.	16'
18	18	Woodmont Ave	17-021-98-17-021-97	6	VCP/C.I.	Mutiple large joint offsets with soil visible and root intrusion.	5' to 9'
19	19	Webster St	17-411-05-17-411-04	8	HDPE	Lateral joint seperation with soil visible @ 185' downstream from MH 17-411-05. Large lateral joint offset @ 205' downstream from MH 17-411-05.	6.5'
20	20	Hillcrest Ct	17-402-51D-17-402-51C	6	VCP	Broken pipe from 16' to 21' and from 34' to 44' downstream of MH 17-402-51D.	3' to 7'
21	21	Spruce St	17-010-83-17-010-81	8	VCP	Root ball from 30' to 40' upstream from MH 17-010-81.	6'
22	22	Harmon St	17-202-03-17-202-02	8	HDPE	Large joint seperation with soil visible and groundwater infiltration @ 245' downstream from MH 17-202-03.	9'
24	24	Sterling Ave	17-702-50-17-502-40	6	HDPE	Root ball @ 146' upstream from MH 17-702-40	3.5'
25	25	Park Hills Rd	17-021G7-17-021-F1	6	HDPE	Root ball @ 126' upstream from MH 17-021-F1	4'
26	26	Prince St	17-401-19-17-401-06	8	HDPE	Sag starts @ 297' and ends @ 305' downstream from MH 17-401-19.	13'
27	27	Shattuck Ave	15-004-10-15-004-09	8	CIPP	Deformed pipe @ 116' downstream from MH 15-004-10.	6'



5/18/2023

APPROVAL	
DESCRIPTION	ADDENDUM NO. 1
DATE	12/15/2023
MARK	
REVISION	▲

PROJECT MANAGER: _____
 DATE: _____

FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES

DEPICTION OF MONUMENTS: _____ DATE: _____
 SURVEY PARTY CHIEF: _____
 WATERSHED REVIEW: _____ DATE: _____

SUBMITTED: _____ DATE: _____
 SUPERVISING CIVIL ENGINEER: _____
 APPROVED: _____ DATE: _____
 CITY ENGINEER: _____

DESIGN: JC _____ HORIZ.: NONE _____
 DRAWN: PW _____ VERT.: NONE _____
 CHECK: DA _____ BOOK: _____
 AS BUILT: _____ DATE: 12/14/2023

CITY OF BERKELEY
 DEPARTMENT OF PUBLIC WORKS

SANITARY SEWER REHABILITATION
 URGENT SEWER REPAIR PROJECT
 FY 2023
 REPAIR TABLE

PLAN 8281
 FILE 503-638
 C5
 SHEET 7 OF 9

SANITARY SEWER REHABILITATION PROJECT,
URGENT SEWER REPAIR PROJECT FY 2024
SPECIFICATION NO. 24-11645-C
ATTACHMENT 1

material shall be disposed of off-site in a safe and legal manner and as specified in these specifications.

Saw cutting or grinding of the pavement shall be required at all edges to be joined. Asphalt Concrete has been removed shall be disposed of outside the project in a legal manner unless otherwise directed by the Engineer.

2. Asphalt Concrete

Asphalt concrete surfacing and the placing thereof shall conform to the requirements of the Section 39, "Asphalt Concrete", of the State Standard Specifications and per Section 16 of the City of Berkeley Improvement Standards. Asphalt concrete shall be produced at an established commercial mixing plant.

The asphalt concrete shall not be placed when the atmospheric temperature is below 50 degrees F or during unsuitable weather.

Asphalt concrete paving shall be placed and compacted in a single layer and to relative compaction per Section 39. The Contractor shall use a vibratory steel wheel roller for compacting asphalt concrete, consisting of not less than 3 complete coverages of the roller with proper overlap to prevent displacement. The first coverage shall be completed before the temperature of the mixture drops below 250 degrees F. Rolling shall be performed in such a manner that cracking, shoving, or displacement will be avoided.

The completed surface shall be thoroughly compacted, smooth, and true to grade and cross section, free from ruts, humps, depressions, irregularities, or segregated material. Care shall be taken to avoid tracking binder material onto existing pavement surfaces beyond the limits of construction by closing to public traffic the areas to which the paint binder has been applied. A certificate of compliance, signed by the vendor, shall be submitted to the Engineer to certify that the binding material complies with the requirements of the Standard Specifications and these special provisions.

The Contractor shall provide, as each truck reaches the project, State certificates of weight and measure to the Engineer. The Contractor shall provide the Engineer with a tabulation, upon completion of the project, which shows gross, tare, and net weights for each truck load delivered to the project.

Pavement Demolition and Asphalt Concrete shall be paid for on a square foot basis. The contract price paid per square foot shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals, and for doing all the work necessary to demolish and remove all existing pavement and replace all the asphalt concrete, complete and in place, all as specified in City of Berkeley Standards, these special provisions, and as directed by the Engineer, and no additional compensation will be allowed. **All striping and pavement marking shall be replaced in kind and included in the unit price per square foot for the grind and repave.**