



COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: PS-1902274
Date Issued: 07/09/2019
Start Date: 07/09/2019
Exp. Date: 10/30/2019
Project No: PWP760527
Quad: LV

ENCROACHMENT PERMIT

To: ROSA ALVAREZ
22 E. WEBER AVE
STOCKTON, CA 95202

Encroachment Type:

Trench			
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Location:

Alexandria Place from Swensen Park to Swain Road

In compliance with your request of 07/08/2019, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Alexiandria Place Sewer Rehabilitation

Traffic Control Per MUTCD

FORMS: SS/WW, R-29

Est. Permit Fee: \$0.00

WHITE -Permittee
GOLDENROD -PWD Central File
YELLOW -Field Inspection
PINK -Permit Section

KRIS BALAJI, Director
Department of Public Works

By: 
Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:

STREETS AND HIGHWAYS CODE

1. Division 1, Chapter 3
2. Division 2, Chapter 2, Section 942
3. Division 2, Chapter 4, Section 1126
4. Division 2, Chapter 5.5 and Chapter 6

SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

SPECIAL CONDITIONS FOR
ALEXANDRIA PLACE-BLACK OAK SEWER REHABILITATION
ENCROACHMENT PERMIT

1. Maintain traffic controls for all roads. Traffic control delays shall not exceed 15 minutes. Two-way traffic shall be maintained during non-working hours with excavated areas backfilled or plated. During working hours, two-way traffic control shall be maintained with one lane open and appropriate flaggers. The contractor shall submit traffic control plans for all signing, detours, and any lane closure impacting County right-of-way. Traffic control plans shall be submitted two weeks prior to the closure date.
2. Access to all properties shall be maintained at all times except when work is occurring at the access point. Minimal delays will be allowed to provide access within the work zone area. Driveway access shall be fully restored at the end of each workday. Driveways disturbed by the contractor shall be replaced with in-kind or better materials.
3. Residents and businesses shall be notified in writing, as approved by the County, 48 hours in advance of any impacts to their access.
4. Any areas where parking is to be restricted shall have signs noting the restrictions in place at least 48 hours in advance.
5. School Buses shall be passed through the work zone with minimal delays.
6. Existing fences shall not be removed without written consent of the property owner. Such consent shall be submitted to the County prior to the removal. Fences removed shall be restored with in-kind or better materials. Restored fences shall not encroach into County right-of-way.
7. All destroyed or obliterated pavement markings must be replaced in kind by the permittee. Typical pavement markings include but not limited to lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers and miscellaneous delineators.
8. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
9. All future maintenance of the pipeline and related facilities within the County right-of-way will require a San Joaquin County Encroachment Permit.
10. Trenches shall be maintained in a smooth and even condition to the satisfaction of the County throughout the project limits at all times.
11. All trenches shall be completely backfilled or shored and plated at the end of each workday, and the roadway restored to two-way traffic. If plating is to be used, a trench shoring and plating plan suitable for traffic loadings shall be prepared by a registered civil engineer and submitted for prior approval by the County.

12. The contractor shall use San Joaquin County Improvement Standard R-29 when backfilling trenches within the County right-of-way. Where the existing road structural section is below standard, a minimum section of 3 inches of asphalt concrete over 8 inches of aggregate base shall be required.
13. Alexandria Place subject to pavement cuts shall receive a one (1) inch asphalt concrete overlay as per San Joaquin County Department of Public Works Improvement Standards Section 2-5.0 Trench Cut Policy. Shoulder areas shall be brought up to the finish grade as directed by the County.
14. No paving joints are allowed within paved shoulder; contractor shall pave all the way to outer edge of paved shoulder.
15. Class II Aggregate Base shoulder backing is required from the edge of pavement, a minimum of 4-inches thick by 4-feet wide.
16. Contractor shall establish existing roadway and drainage grades within the construction area. Any repair to roadways and adjacent areas shall match existing grades. Any proposed grade changes shall receive prior approval from County.
17. County roads shall be kept clean from mud and debris at all times along the access points and work zone areas during entire project. All standard roadway striping and signage shall be clearly visible, maintained and restored throughout the construction zone during and after the project.
18. In addition to standard dust control measures, streets shall be maintained in a clean condition, free of dirt, mud and debris during construction activities. The contractor shall provide daily, and as determined to be necessary by County inspectors, street sweeping using a modern mechanical or vacuum-assisted street sweeper.
19. The contractor shall not conduct construction operations in rain or heavy fog conditions.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 6/17/2019

To: San Joaquin County
Department of Public Works

City of Stockton - Public Works Department
(Applicant Name)

22 E. Weber Avenue, Room 301
(Mailing Address)

Stockton, CA 95202
(City, State, Zip Code)

(209) 937-8134 - ROSA ALVAREZ
(Area Code - Telephone Number)

OFFICE USE ONLY			
JOB #	<u>760527</u>	REF#	<u>PS-1902274</u>
APN		CR #	
EXP. DATE	<u>10/30/2019</u>		
VALID	<u>7/09/2019</u>	TO	<u>10/30/2019</u>
STREET	<u>Alexandria Place</u>	DRIVEWAYS:	*
AREA	<u>Stockton</u>	QUAD	<u>LV</u>
TYPE	<u>Trenching</u>		*
FORMS	<u>SS/WW, R-2A, Trench Cut</u>		*
NOTES	<u>Special Conditions</u>		

Sketch (Detailed plans may be submitted)

Attached are 3 sets of 11x17 drawing and 1 full size set showing improvements and traffic control plans.

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the south side of Alexandria Place approximately 0.5 miles of sewer improvements.

(description of work):

Rehab existing sewer line along Alexandria Place between Benjamin Holt Drive and Fourteen Mile Slough

Work will commence on or about July 1, 2019 for approximately 3 months.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Rosa Alvarez
Signature of Applicant - Title

07/17/19
Date



SAN JOAQUIN
COUNTY
Greatness grows here.



Department of Public Works

Kris Balaji, Director of Public Works

Fritz Buchman, Deputy Director/Development

Alex Chetley, Interim Deputy Director/Engineering

Jim Stone, Deputy Director/Operations

Kristi Rhea, Manager of Strategic Initiatives

Acknowledgement of Monument Preservation

I, DAN R. SCHACK / KENNETH NORRMAN a duly Licensed Land Surveyor or a Professional Engineer
(Please print)

authorized to perform Land Surveying in the State of California, Registration No. 32158 / 57520

hereby acknowledge and accept all responsibility for the monument preservation as required

per Section 8771(a-f) of the Business and Professions Code within the bounds of the

construction activity permitted by San Joaquin County Permit No. _____.

I further acknowledge that I am hereby responsible for the Acknowledgement of Monument

Preservation prior to final acceptance of the construction activity.

Dan R. Schack
Signature

Seal

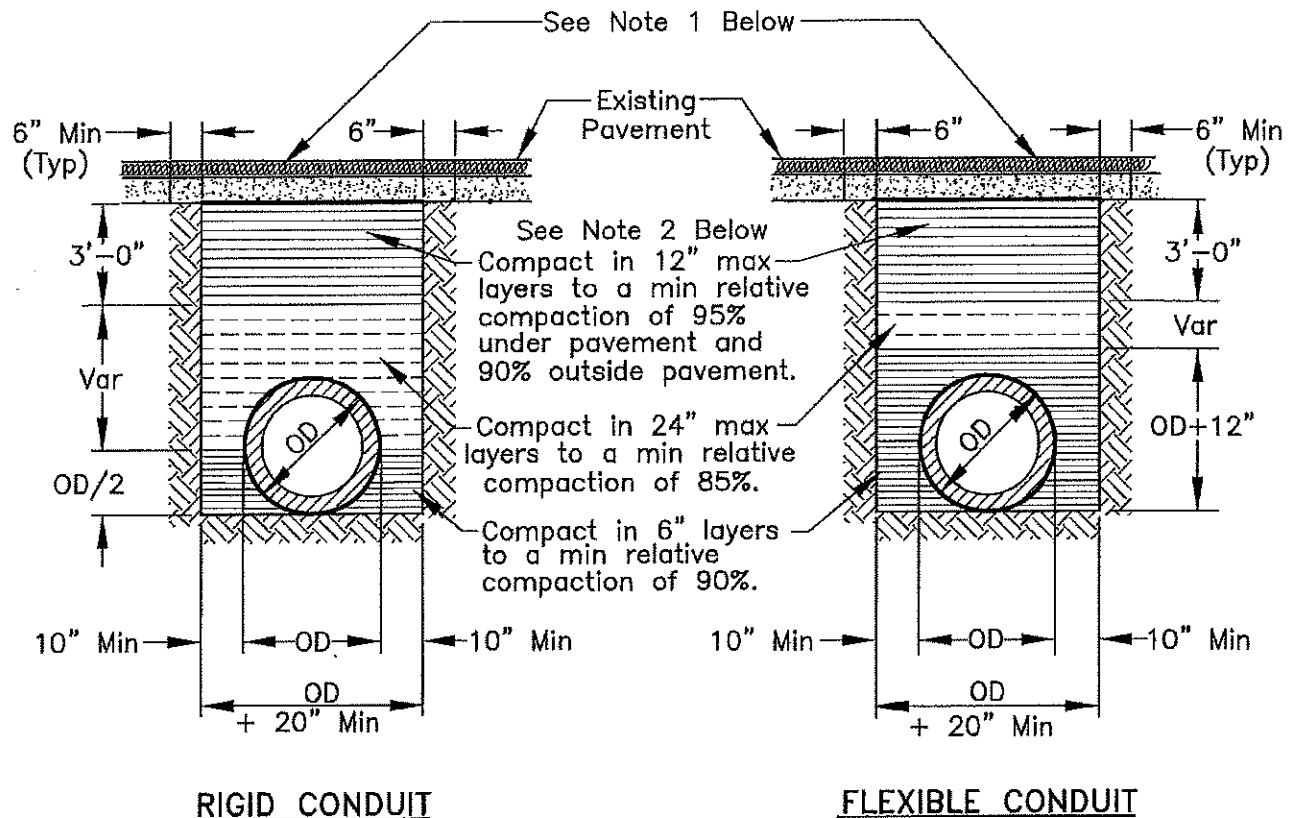


07-08-19
Date

PS-MONUMENT PRESERVATION

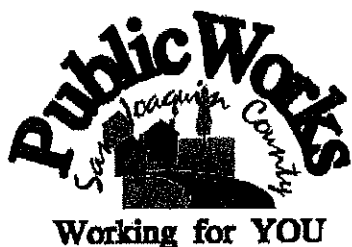
* FOR THIS PROJECT ONLY *

* (ALEXANDRIA PLACE SANITARY SEWER REHABILITATION) *
PROJECT IN STOCKTON, CA



NOTES:

1. New pavement shall be 1" thicker than existing pavement, minimum of 0.25 Ft. New base shall be 1" thicker than existing base, min of 0.50 Ft.
2. Select native material or imported granular material as approved by the Director of Public Works. Backfill with materials equal to or better than the existing pavement and base in quality.
3. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
4. All existing pavement shall be neatly cut to line prior to trench excavation.
5. Jetting or ponding will be permitted within the street right-of-way with a 3 year bond, when approved by the Director of Public Works.
6. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
7. Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



TYPICAL TRENCH BACKFILL

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: DEC 2014

Approved by:

Thomas M. Lee

No.	Revision	Description	Date

Std. Dwg. No.

R-29

~~★~~ 2-5.0 TRENCH CUT POLICY ~~★~~

~~★~~ 2-5.01 General Requirements ~~★~~

- A. Resurfacing requirements specified in this policy are in addition to the trench resurfacing requirements specified by County Standard Drawing No. R-29.
- B. For the purpose of this policy, "Surfacing Age" is defined as the age of the most recently completed roadway surfacing, including construction, reconstruction, or major overlay.
- C. Where the application of seal coats is required, a Type II Slurry Seal will be used in accordance with State Standard Specifications, Section 37-2.
- D. The permittee must post a one-year maintenance bond or cash deposit, in an amount specified by the Department.
- E. All pavement markings destroyed or obliterated must be replaced in kind by the permittee. Typical pavement markings include, but are not limited to, lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers, and miscellaneous delineators.
- F. The permittee is responsible for Survey Monuments disturbed by trenching and is required to file a corner record and to reestablish them using a Licensed Land Surveyor after the trench restoration is completed.
- G. Functional classification maps and Public Works Project Advertising Schedules are references for this policy.
- H. To facilitate scheduling and planning, Public Works staff will make available the most current Project Advertising Schedule at the monthly Utility Coordination Meeting and make it available to the public, at the Permits Counter, in January each year.

~~★~~ 2-5.02 Collectors, Arterials and Expressways ~~★~~

- A. Surfacing Age less than Three (3) Years: No pavement cuts. Exceptions may be approved in accordance with Section 2-5.04 EXCEPTIONS.

~~★~~ B. Surfacing Age Three (3) Years and Over ~~★~~

- 1. Longitudinal Trench Cutting in Paved Shoulder

Areas:

The entire shoulder of the road is to be resurfaced. The existing surfacing adjacent to the trenched area shall be planed to accommodate the overlay in a manner that does not cause drainage concerns. The nearest pavement cut shall be a minimum of three (3) feet from the edge of pavement, or the remaining pavement shall also be removed and replaced. (See County Standard Drawing No. R-37).

2. Longitudinal Trenches within Traveled Lanes:

The entire traveled lane where the trench is located is to be resurfaced with a one (1) inch asphalt concrete overlay. The existing surfacing adjacent to the trenched area shall be planed to accommodate the overlay in a manner that does not cause drainage concerns. The overlay shall be in accordance with State Standard Specifications, Section 39. Aggregate gradation shall be consistent with the existing surfacing material. (See County Standard Drawing No. R-37).

3. Cross-Cutting:

Cross-cutting is allowed at a minimum interval of 150 feet. At each cross-cut location a minimum of ten (10) feet on each side of trench shall be planed and resurfaced with one (1) inch asphalt concrete. If cross cuts are within the 150 feet minimum interval, the entire section between the first and last cross cut shall be planed and resurfaced with one (1) inch asphalt concrete. (See County Standard Drawing No. R-36).

4. The conditions described in paragraphs 1, 2 and 3 above will not apply if resurfacing is scheduled within two years.

2-5.03 Local Roads

A. Surfacing Age Under Three (3) years: No pavement cuts allowed. Exceptions may be approved in accordance with Section 2-5.04 EXCEPTIONS.

B. Surfacing Age Three (3) to Five (5) Years:

1. Longitudinal cuts are permitted. A seal coat is required for that half of the roadway containing the trench. (See County Standard Drawing No. R-37).

2. Cross-cutting is allowed under the same conditions as Section 2-5.02(B)(3). If cross-cuts occur within the 150 feet minimum interval, resurfacing may be substituted with a slurry seal for that half of the roadway. (See County Standard Drawing No. R-36).

2-5.04 Exceptions

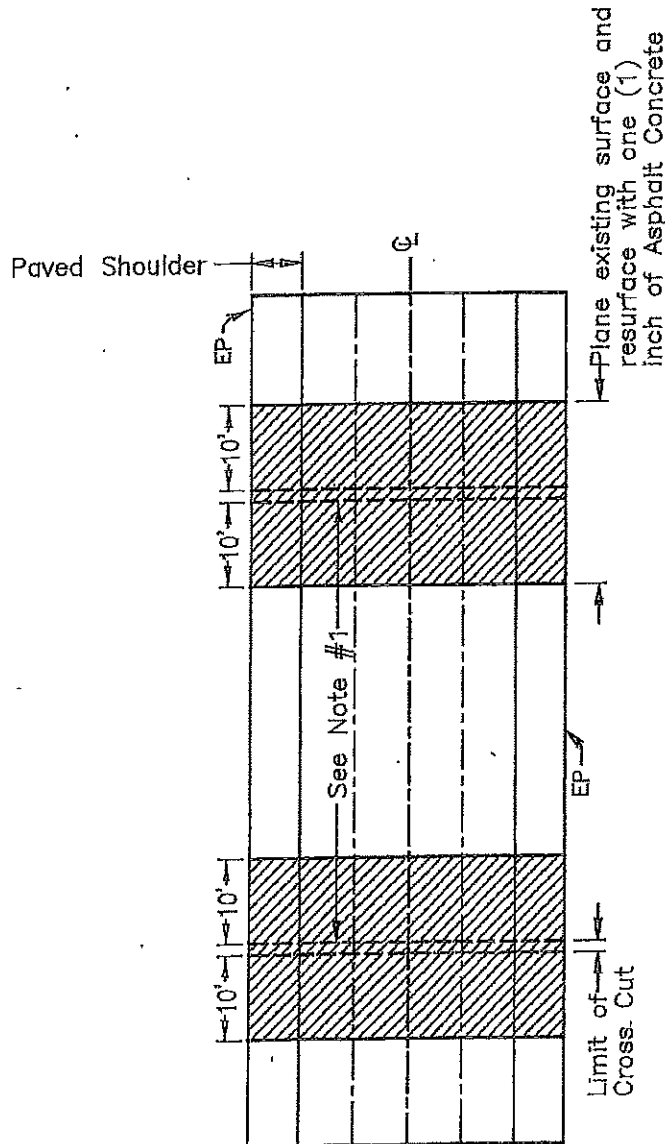
Excavation is prohibited in newly renovated County roadways for three (3) years after a notice of completion has been filed for a roadway improvement project, or a new roadway has been accepted. The Director of Public Works may approve exceptions that are in the best interest of the public, including but not limited to:

- A. An emergency that endangers life or property.
- B. For repair or modification to prevent interruption of essential utility service.
- C. For relocation work that is mandated by County, State or Federal law.
- D. For service for buildings where no other reasonable means of providing service exists.
- E. For potholing to verify utility depth or location.
- F. For trenchless excavations greater than three feet in depth of cover over the utility facility, and not requiring a significant surface incision greater than industry bore pit standards.

Exceptions must be requested and submitted in writing to the Department. Payment of a nonrefundable processing fee is also required. Exceptions will be reviewed using the Departments Action Approval process, which requires the recommendation of a Deputy Director.

NOTES:

1. If the distance between cross-cuts are less than 150' the entire area between cross-cuts shall be planed and resurfaced with one (1) inch of Asphalt Concrete.
2. The resurfacing requirements shall be in addition to County Standard Drawing No. R-28.
3. Resurfacing for Bell Holes shall meet these requirements. If excavation occurs within the shoulder or lane, only that area shall be resurfaced as shown.
4. If cross-cutting is performed on Local Roads at intervals less than 150' a Seal Coat for that half of the roadway containing the trench can be used in lieu of resurfacing. Section 2-5.03 (B-2).



**TRENCH CUTTING POLICY
CROSS CUTTING OF
COUNTY ROADWAYS**

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: MAY 2015

Approved by:

Michael Alhij

No.	Revision	Description	Date

Std. Dwg. No.

R-36

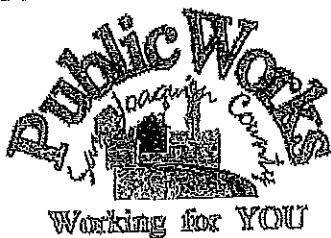
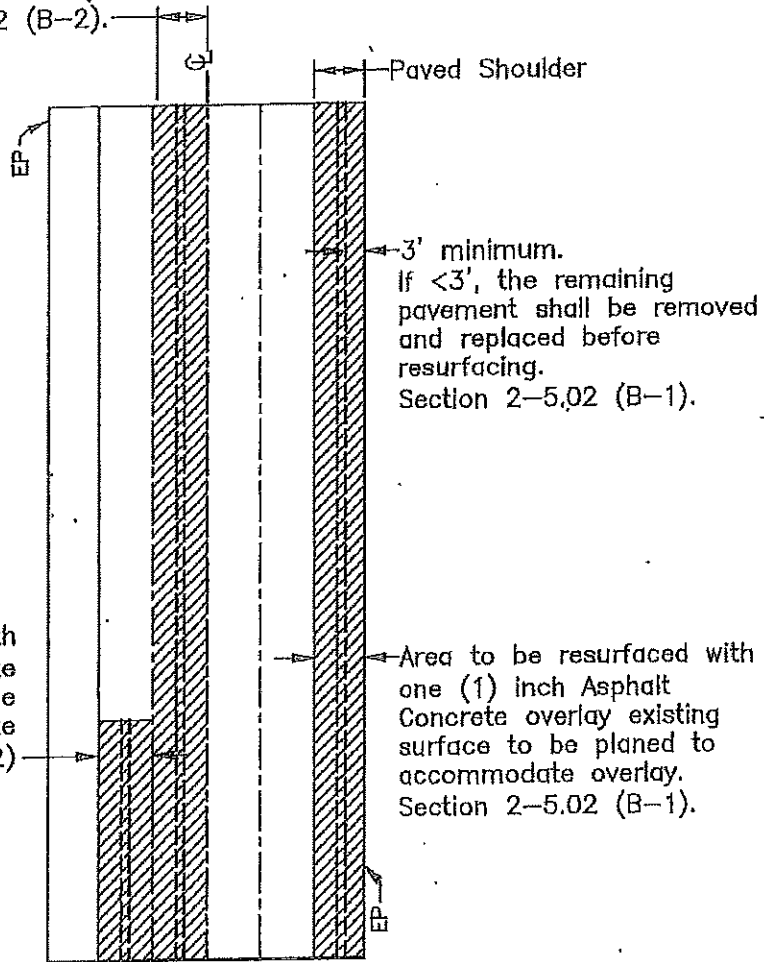
NOTES:

1. The resurfacing requirements shall be in addition to County Standard Drawing No. R-29.
2. If longitudinal cuts are required on a Local Road a Seal Coat can be used for that half of the roadway containing the trench. Section 2-5.03 (B-1).

Area to be resurfaced with one (1) inch Asphalt Concrete overlay existing surface to be planed, to accommodate overlay.

Section 2-5.02 (B-2).

Area to be resurfaced with one (1) inch Asphalt Concrete overlay existing surface to be planed to accommodate overlay. Section 2-5.02 (B-2)



**TRENCH CUTTING POLICY
LONGITUDINAL CUTTING
OF COUNTY ROADWAYS**

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: MAY 2015

Approved by:

Michael Elzing

No.	Revision	Description	Date

Std. Dwg. No.

R-37

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:

STREETS AND HIGHWAYS CODE

1. Division 1, Chapter 3
2. Division 2, Chapter 2, Section 942
3. Division 2, Chapter 4, Section 1126
4. Division 2, Chapter 5.5 and Chapter 6

SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
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11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
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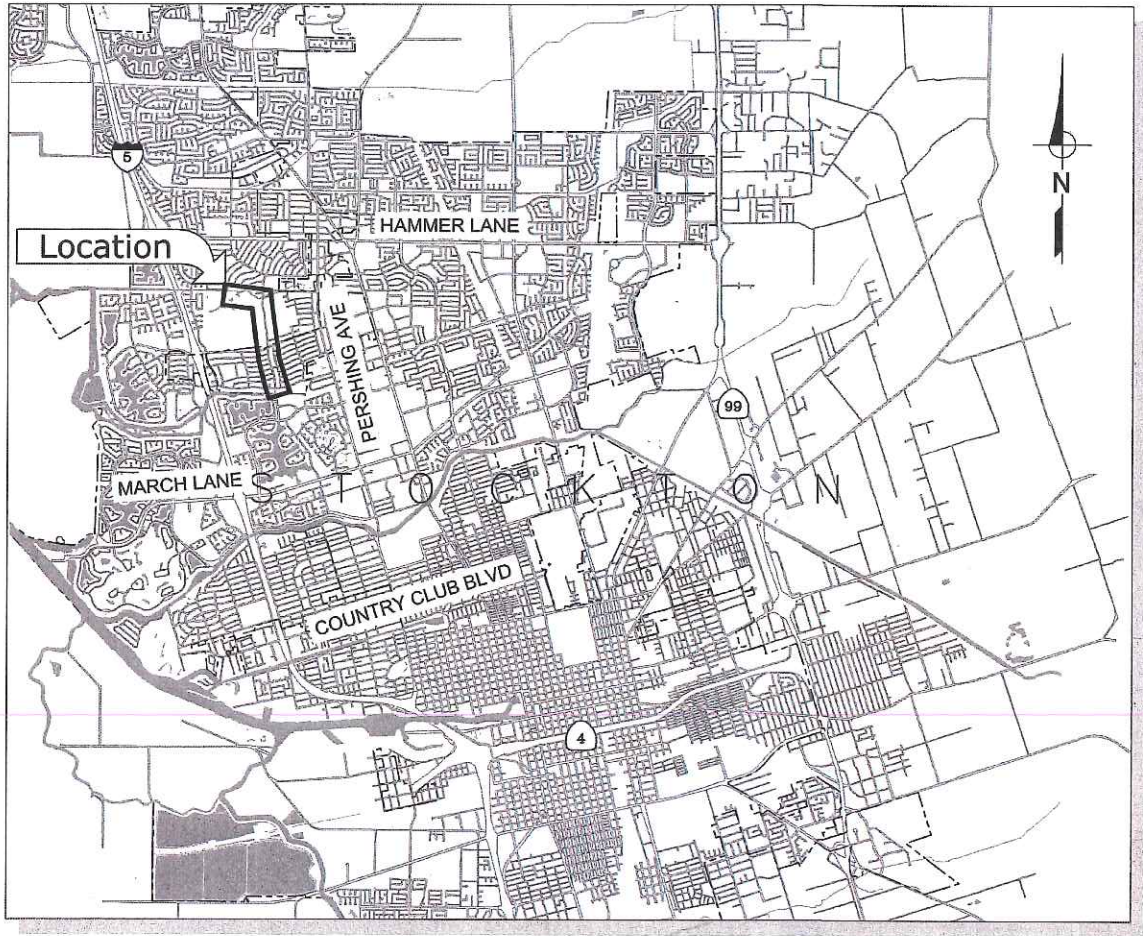
SPECIAL PROVISIONS

Winter Weather Utility Work

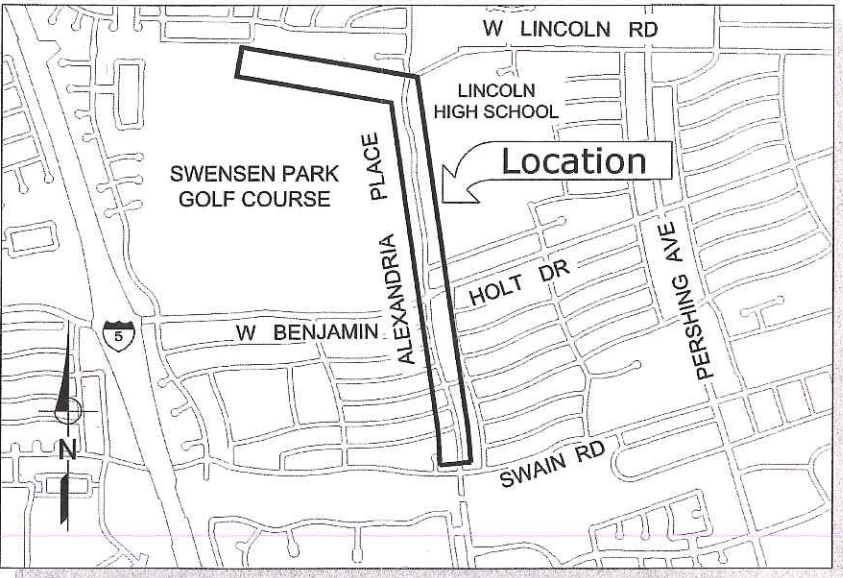
1. **SUPERVISION:** The utility company (permittee) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. **START OF WORK:** No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions and has determined the work can be accomplished under the provisions of the permit.
3. **CLEAN PAVEMENT:** Dirt and mud shall not be deposited on the pavement outside the area of work, and if inadvertently tracked onto the road travel way shall be removed immediately.
4. **DAILY RESTORATION:** Private driveways and road intersections shall be restored daily.
5. **WEATHER-TIGHT CONDITIONS:** All trenches shall be filled and compacted, ditches and other drainage facilities regarded and opened, and the entire work area restored to weather-tight condition prior to any rain.

ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT

PROJECT NO. M15001
NOVEMBER 2017



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

DRAWING INDEX		
SHEET NO.	DWG NO.	DRAWING DESCRIPTION
1	G01	TITLE SHEET, VICINITY MAP AND SHEET INDEX
2	G02	LEGEND, ABBREVIATIONS AND GENERAL NOTES
3	G03	ALEXANDRIA KEY MAP / ACCESS PLAN
4	C01	ALEXANDRIA PLACE STA 10+00 TO STA 19+00
5	C02	ALEXANDRIA PLACE STA 19+00 TO STA 27+00
6	C03	ALEXANDRIA PLACE STA 27+00 TO STA 37+00
7	C04	ALEXANDRIA PLACE STA 37+00 TO STA 47+00
8	C05	ALEXANDRIA PLACE STA 47+00 TO STA 57+00
9	C06	ALEXANDRIA PLACE STA 57+00 TO STA 67+00
10	C07	ALEXANDRIA PLACE STA 67+00 TO STA 72+00
11	D01	CIVIL DETAILS 1
12	D02	CIVIL DETAILS 2
13	B01	TEMPORARY BYPASS PLAN 1
14	B02	TEMPORARY BYPASS PLAN 2
15	B03	BYPASS DETAILS 1
16	B04	BYPASS DETAILS 2
17	B05	BYPASS DETAILS 3
18	B06	BYPASS DETAILS 4
19	B07	BYPASS DETAILS 5
20	TC01	TRAFFIC CONTROL PLAN 1
21	TC02	TRAFFIC CONTROL PLAN 2
22	TC03	TRAFFIC CONTROL PLAN 3

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS
APPROVED AS "ENCROACHMENT PERMIT PLAN SET"
APPROVED FOR WORK WITHIN COUNTY RIGHT-OF-WAY ONLY
APPROVED: *Awni Taher* DATE: *9/13/19*
RSE NO.: *C83958* EXP. DATE: *9/13/19*
ENCROACHMENT PERMIT NO.: *1514022219* DATE: *7/19/19* C.R.H.

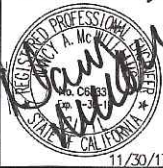
ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001

TITLE SHEET, VICINITY MAP AND SHEET INDEX

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: <i>7/1/18</i>	SHEET No.
DESIGNED BY: TMD/NM		GO1
DRAWN BY: JRR		1 of 22 SHEETS
CHECKED BY: <i>[Signature]</i>		PROJECT No.
RECORD DWG.: <i>[Signature]</i>		128-14-15-29

Underground Service Alert
TWO DAYS BEFORE YOU DIG
Call TOLL FREE: 1-800-277-2600



SY. NO.	DESCRIPTION	DATE	BY	APR'D BY

WEST YOST ASSOCIATES
2020 Research Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

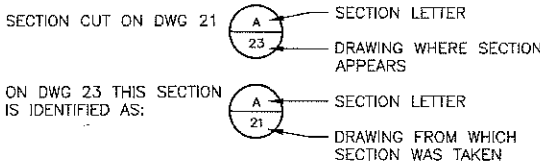
5308C

GENERAL NOTES:

1. CITY OF STOCKTON STANDARD SPECIFICATIONS AND STANDARD DRAWINGS ARE INCLUDED IN THE CONTRACT DOCUMENTS BY REFERENCE.
2. CALTRANS STANDARD PLANS AND SPECIFICATIONS, 2018 EDITION, ARE INCLUDED IN THE CONTRACT DOCUMENTS BY REFERENCE.
3. CONTRACTOR SHALL ARRANGE FOR ALL REQUIRED INSPECTIONS. PRESENCE OR ABSENCE OF AN INSPECTOR SHALL NOT RELIEVE CONTRACTOR OF FULL RESPONSIBILITY FOR PROPER PERFORMANCE OF THE WORK.
4. GROUND WATER IS ANTICIPATED TO BE 9-13 FEET BELOW GROUND SURFACE. GROUND WATER LEVELS MAY CHANGE WITH SEASON AND PERCHED GROUNDWATER MAY BE FOUND ANYWHERE. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING.
5. CONTRACTOR SHALL COMPLY WITH CONFINED SPACE ENTRY REQUIREMENTS OF CAL-OSHA AND CITY OF STOCKTON. CONTRACTOR SHALL SUBMIT SAFETY PLAN, COMPLY WITH ALL STATE AND COUNTY LAWS AND ORDINANCES RELATING TO SAFETY AND CHARACTER OF WORK, AND SUPPLY ALL EQUIPMENT AND LABOR PERSONNEL. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, SHORING OF TRENCHES AND EXCAVATIONS AND VENTILATING CONFINED SPACES.
6. SEE SPECIFICATIONS FOR CONSTRUCTION SEQUENCING REQUIREMENTS.
7. CONTRACTOR SHALL SELECT CONSTRUCTION EQUIPMENT TO MINIMIZE DAMAGE TO EXISTING PAVEMENT AT PROJECT SITE AND AT ALL ROADS USED TO MOVE MATERIAL AND EQUIPMENT TO AND FROM PROJECT. REPLACE DAMAGED ASPHALT CONCRETE PAVEMENT IN ACCORDANCE WITH CONTRACT DOCUMENTS. ALL PAVEMENT, INCLUDING ASPHALT CONCRETE (AC) AND PORTLAND CEMENT CONCRETE (PCC) PAVING, SHALL BE SAW CUT PRIOR TO INSTALLATION OF PAVEMENT PATCH. COORDINATE SAW CUT WITH CITY INSPECTOR.
8. ANY PAVEMENT DISTURBED MUST BE REMOVED, ALL SUBGRADE AND ANY UNDERLYING MATERIAL DISTURBED SHALL BE RECOMPACTED, AND ORIGINAL VERTICAL ALIGNMENT RESTORED.
9. CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL MATERIALS THAT ARE TO BE REMOVED FROM THE SITE INCLUDING SURPLUS EXCAVATION MATERIALS AND DEBRIS. CONTRACTOR SHALL MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION. THE CONTRACTOR SHALL DELIVER MATERIALS OR EQUIPMENT TO BE SALVAGED AND RETURNED TO THE OWNER AT THE LOCATION TO BE DETERMINED BY THE ENGINEER.
10. NOTIFY UNDERGROUND SERVICES ALERT (USA) AT (800) 277-2600 AT LEAST 48 HOURS PRIOR TO ALL EXCAVATION.
11. MAINTAIN ACCESS TO ROADS AND DRIVEWAYS TO ALL PROPERTIES ADJACENT TO WORK THROUGHOUT PERIOD OF CONSTRUCTION IN ACCORDANCE WITH THE SPECIFICATIONS.
12. TEMPORARY ACCESS ROADS CONSTRUCTED BY THE CONTRACTOR TO FACILITATE THE WORK AND NOT INDICATED AS PERMANENT ACCESS ROADS ON THE PLANS SHALL BE REMOVED AT THE COMPLETION OF THE WORK. ALL GRAVEL AND ROCK USED FOR TEMPORARY ACCESS ROADS SHALL BE PLACED ON GEOTEXTILE FABRIC AND SHALL BE REMOVED AT THE END OF CONSTRUCTION.
13. CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL PER SECTION 10 AND SECTION 14, CALTRANS STANDARD SPECIFICATIONS.
14. THE TYPE, LOCATION, SIZE AND DEPTH OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. EFFORTS HAVE BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND FACILITIES. HOWEVER, THE ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND FACILITIES, NOR FOR EXISTENCE OF OTHER BURIED OBJECTS AND/OR FACILITIES WHICH MAY BE ENCOUNTERED BUT ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND FACILITIES THAT ARE TO BE CONNECTED TO, OR THAT ARE IN THE PATH OF, THE PROPOSED IMPROVEMENTS FOR VERIFICATION OF LOCATION AND ELEVATION PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE WORK OF THE PROJECT PER THE IMPROVEMENT PLANS DESPITE BURIED OBJECTS OR FACILITIES WHICH WERE NOT EXPECTED TO BE ENCOUNTERED.

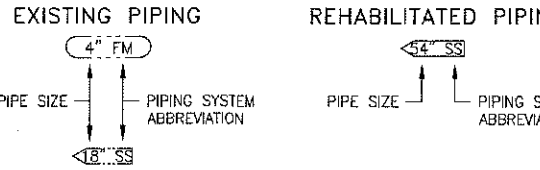
14. UNLESS OTHERWISE INDICATED, DRIVEWAYS AND CULVERTS ARE TO BE REPLACED IN KIND IF DAMAGED AT THE CONTRACTOR'S EXPENSE.
15. ANY AND ALL PIPELINES DAMAGED DURING CONSTRUCTION MUST BE SATISFACTORILY REPLACED AND/OR REPAIRED, AND INSPECTED BY THE ENGINEER.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF SURVEY MONUMENTS LOCATED WITHIN THE AREA OF WORK HEREIN PERMITTED. PRIOR TO THE START OF CONSTRUCTION, SURVEY MONUMENTS THAT POTENTIALLY MAY BE DISTURBED SHALL BE LOCATED AND REFERENCED BY A LICENSED LAND SURVEYOR, AND A CORNER RECORD FILED WITH THE COUNTY SURVEYOR. ANY SURVEY MONUMENTS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REESTABLISHED BY A LICENSED LAND SURVEYOR AND ANOTHER CORNER RECORD FILED WITH THE COUNTY SURVEYOR.
17. UNLESS INDICATED OTHERWISE, PROVIDE 12" MIN. VERTICAL CLEARANCE BETWEEN BYPASS FACILITIES.
18. THE OWNER OR THE ENGINEER MAY REQUIRE THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO UNCOVER ANY IMPROVEMENTS THAT HAVE BEEN COMPLETED WITHOUT PROPER INSPECTION AND/OR APPROVAL. IF THE INSTALLATION IS FOUND NOT TO MEET CONTRACT REQUIREMENTS OR PREVIOUSLY APPROVED ALTERNATIVES SHOWN ON THE PLANS, THE CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE SUCH IMPROVEMENTS AT HIS EXPENSE.
19. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
20. CONTRACTOR TO FIELD VERIFY ALL EXISTING STRUCTURES FOR VERIFICATION OF DIMENSIONS WHERE WORK IS TO BE PERFORMED.
21. CONTRACTOR SHALL REFER TO ALL RELATED DRAWINGS AND TO MANUFACTURER'S DRAWINGS FOR COMPLETE DETAILS OF A GIVEN FACILITY.
22. CONTRACTOR SHALL PREPARE BYPASS PLANS, STOPPAGE PLANS AND CONTROL OF WASTE WATER FLOW FOR ENGINEERS REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
23. SOME EXISTING ABANDONED UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES. WHERE SHOWN, ABANDONED UTILITIES ARE BASED ON FIELD OBSERVATIONS AND EXISTING IMPROVEMENT PLANS, AND MAY NOT BE ACCURATE. NO ATTEMPT WAS MADE TO IDENTIFY OR SHOW ALL ABANDONED UTILITIES. CONTRACTOR SHALL VERIFY ABANDONMENT OF UTILITIES NOT IDENTIFIED ON THE PLANS PRIOR TO DISTURBANCE.
24. ANY PAVEMENT DELINEATION REMOVED OR DAMAGED SHALL BE REPLACED AND EXTENDED TO THE NEAREST PUBLIC STREETS (IN BOTH DIRECTIONS).
25. WORK NEAR THE INTERSECTIONS OF BENJAMIN HOLT DRIVE/ALEXANDRIA PLACE AND ALEXANDRIA PLACE/LINCOLN ROAD IS ONLY ALLOWED WHEN SCHOOLS ARE NOT IN SESSION.
26. LENGTH OF PIPELINE SHOWN IS BASED ON CENTER OF MANHOLE TO CENTER OF MANHOLE. CONTRACTOR SHALL FIELD VERIFY PIPE DIAMETER AND LENGTH OF EACH REACH PRIOR TO ORDERING LINER MATERIALS.

SECTION & DETAIL DESIGNATIONS

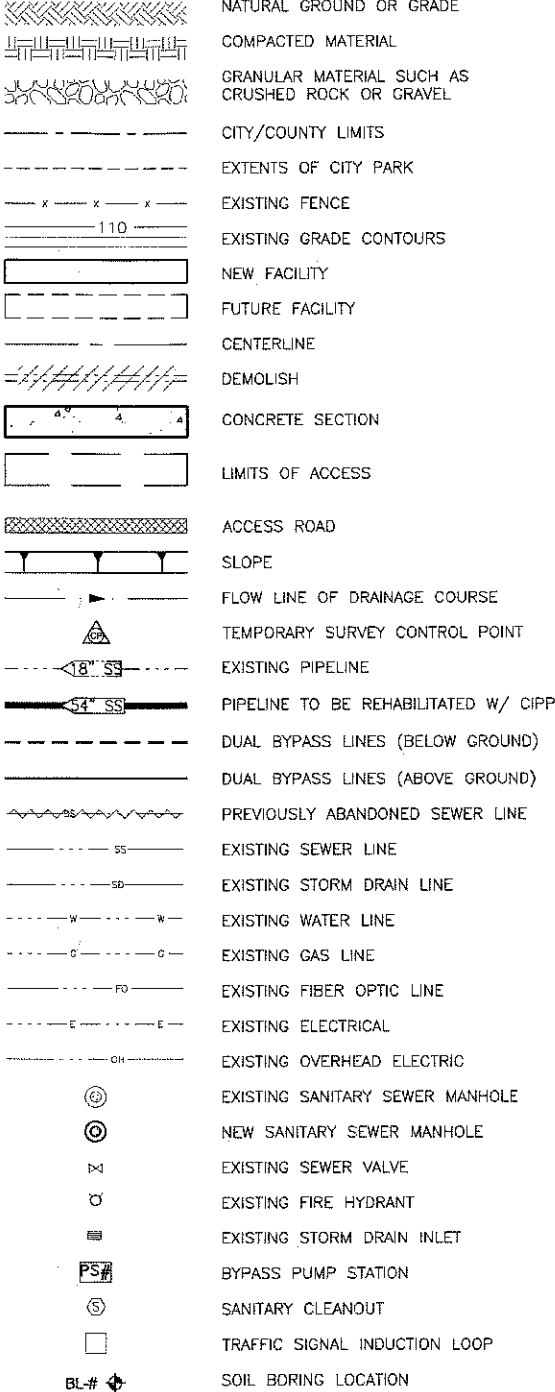


DETAILS ARE CROSS REFERENCED IN A SIMILAR MANNER, EXCEPT THAT DETAILS ARE IDENTIFIED BY A NUMBER RATHER THAN LETTER

PIPING DESIGNATIONS



LEGEND - CIVIL



ABBREVIATIONS

AB	AGGREGATE BASE	MAX	MAXIMUM
AC	ASPHALT CONCRETE	MIN	MINIMUM
ACP	ASBESTOS CEMENT PIPE	MGD	MILLION GALLONS PER DAY
ADA	AMERICANS WITH DISABILITIES ACT	MH	MAINTENANCE HOLE
ADJ	ADJUSTED	MJ	MECHANICAL JOINT
AL, ALUM	ALUMINUM	MOV	MOTOR OPERATED VALVE
AP	ANGLE POINT	MPH	MILES PER HOUR
APPROX.	APPROXIMATE	MTCO	MARK THOMAS COMPANY SURVEY
ASPH	ASPHALT	N	NORTH, NORTHING
BF	BLIND FLANGE	NAVD 88	NORTH AMERICAN VERTICAL DATUM OF 1988
BLDG	BUILDING	NIC	NOT IN CONTRACT
CDF	CONTROLLED DENSITY FILL	NTS	NOT TO SCALE
CI	CAST IRON	NW	NORTHWEST
CIP	CAST IRON PIPE	OC	ON CENTER
CIPP	CURED IN PLACE PIPE	OD	OUTSIDE DIAMETER
CL, CL	CENTER LINE	PAV'T	PAVEMENT
CLR	CLEAR	PCC	PORTLAND CEMENT CONCRETE
CLSM	CONTROLLED LOW STRENGTH MATERIAL	PG	PRESSURE GAUGE
CMP	CORRUGATED METAL PIPE	PJF	PREFORMED JOINT FILLER
CMU	CONCRETE MASONRY UNIT	PL	PLATE
CO	CLEAN OUT	R	PROPERTY LINE
CONC	CONCRETE	PS	PUMP STATION
CONT	CONTINUOUS	PUE	PUBLIC UTILITY EASEMENT
COS	CITY OF STOCKTON	PV	PLUG VALVE
CP	CONTROL POINT	PVC	POLYVINYL CHLORIDE
CV	CHECK VALVE	R	RADIUS
CVFP	CENTRAL VALLEY FLOOD PROTECTION	RCP	REINFORCED CONCRETE PIPE
CY	CUBIC YARDS	REQ'D	REQUIRED
DIA, Ø	DIAMETER	R&R	REMOVE & RELOCATE
DIP	DUCTILE IRON PIPE	R&S	REMOVE & SALVAGE
DTL	DETAIL	R/W	RIGHT OF WAY
DWG	DRAWING	S	SLOPE
E	EAST, EASTING	SCH	SCHEDULE
EF	EACH FACE	SD	STORM DRAIN
EL, ELEV	ELEVATION	SHT	SHEET
ELEC	ELECTRIC	SQ	SQUARE
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
EQUIP	EQUIPMENT	SSB	STAINLESS STEEL BOLT
EW	EACH WAY	SSMH	SANITARY SEWER MAINTENANCE HOLE
EX, (E), E	EXISTING	SOPC	SOCIETY OF PROTECTIVE COATINGS
EXP	EXPANSION	STA	STATION
FAS	FLASHING ARROW SIGN	STD	STANDARD
FCA	FLANGED COUPLING ADAPTER	STL	STEEL
FCO	FLOOR CLEANOUT	T&B	TOP & BOTTOM
FD	FLOOR DRAIN	TAN	TANGENT
FF	FINISH FLOOR	TBM	TEMPORARY BENCHMARK
F, FL	FLOW LINE	TEL	TELEPHONE
FLG	FLANGE	TEMP	TEMPORARY
FM	FORCE MAIN	TOC	TOP OF CONCRETE
FRP	FIBERGLASS REINFORCED PLASTIC	TOS	TOP OF STEEL OR TOP OF STRUCTURAL FRAME
FT	FEET	TS	TUBULAR STEEL
GS	GROUND SURFACE	TYP	TYPICAL
GSP	GROUND SURFACE PROFILE	UG	UNDERGROUND
GYP	GYPSUM	UNO	UNLESS NOTED OTHERWISE
H	HORIZONTAL	VAR	VARIOUS
ID	INSIDE DIAMETER	VERT, V	VERTICAL
IE	INVERT ELEVATION	W	WATER
INV	INVERT	W/	WITH
IPS	IRON PIPE SIZE	W/O	WITHOUT
LF	LINEAR FEET	WS	WATER SURFACE

NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT PROJECT NO. M15001

LEGEND, ABBREVIATIONS AND GENERAL NOTES

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY: DATE: 7/1/18	SHEET No.	
DESIGNED BY: TMD/NM		G02	
DRAWN BY: JRR		2 of 22 SHEETS	
CHECKED BY: NAM		PROJECT No. 129-14-15-29	
RECORD DWG:			



REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY

WEST YOST ASSOCIATES

2020 Research Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

5308.1C



SURVEY CONTROL POINTS				
POINT NUMBER	DESCRIPTION	LOCATION	NORTHING EASTING	ELEVATION
1000	SET CUT "X"	ALEXANDRIA PLACE & LINCOLN ROAD	2192184.80 N 6319711.61 E	108.50
399	FOUND 2 1/2" BRASS DISC IN MON. WELL	ALEXANDRIA PLACE & BENJAMIN HOLT DRIVE	2189733.31 N 6319930.23 E	104.84
1009	FOUND BRASS DISC IN MON. WELL	ALEXANDRIA PLACE & CANYON CREEK DRIVE	2187004.11 N 6320478.94 E	105.67

ACCESS PLAN NOTES:

- CONTRACTOR SHALL COORDINATE WITH CITY OF STOCKTON PARKS DEPARTMENT MANAGER (VICTOR MACHADO 209-937-8899) AND GOLF COURSE MANAGER (KYLE NELSON @ 209-470-4114) AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION.
- HEAVY EQUIPMENT SHALL KEEP OFF GOLF GREENS.
- IF TREE TRIMMING IS NEEDED IN GOLF COURSE OR PARK, CONTRACTOR SHALL RETAIN A TREE TRIMMER AND CERTIFIED ARBORIST TO OVERSEE TRIMMING. ALL WORK SHALL BE DONE TO THE SATISFACTION OF THE CITY PARKS MANAGER OR REPRESENTATIVE.
- ALL REPAIRS MADE TO IRRIGATION SYSTEM SHALL BE MADE BY A C-27 LICENSED CONTRACTOR, AND TO THE SATISFACTION OF THE CITY PARKS MANAGER OR REPRESENTATIVE. ALL REPAIRS SHALL HAVE A 1 YEAR LABOR & MATERIALS WARRANTY. THRUST BLOCKS SHALL BE INSTALLED PER CITY STANDARDS.

- CONTRACTOR SHALL REPAIR ACCESS ROAD TO PRECONSTRUCTION CONDITIONS.
- TURF OUTSIDE GOLF COURSE FENCE IN SWENSON PARK & VIEW PARK DAMAGED DURING CONSTRUCTION SHALL BE SEEDED WITH THE FOLLOWING 100% WEED FREE MIX:

40% PERENNIAL RYE
40% KENTUCKY BLUE
20% CREEPING RED

CONTRACTOR SHALL BE RESPONSIBLE FOR TURF RESTORATION, INCLUDING HAND WATERING AS NECESSARY. CONTRACTOR SHALL MAINTAIN SEEDED AREAS UNTIL THIRD MOWING AND PARKS MANAGER APPROVAL. ALL LANDSCAPE RESTORATION WORK SHALL BE SUBJECT TO APPROVAL BY THE CITY PARKS MANAGER OR REPRESENTATIVE.

- TURF INSIDE GOLF COURSE FENCE DAMAGED DURING CONSTRUCTION SHALL BE SEEDED W/ A GRASS MIX CONTAINING BERMUDAS, RYES AND FESCUES. NO SPECIFIC PERCENTAGES ARE REQUIRED.

- CONTRACTOR SHALL COORDINATE WITH GOLF COURSE IF GREENS ARE DAMAGED AS A RESULT OF CONSTRUCTION. CONTRACTOR SHALL REPAIR AS DIRECTED BY THE PARKS DEPARTMENT AND GOLF COURSE MANAGER.
- ENTRANCE TO GOLF COURSE SHALL REMAIN LOCKED OUTSIDE OF CONSTRUCTION HOURS AND GOLF COURSE HOURS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING PARK IMPROVEMENTS. ALL REPAIRS SHALL BE DONE TO THE SATISFACTION OF THE CITY PARKS MANAGER OR REPRESENTATIVE.

NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA KEY MAP / ACCESS PLAN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 4/18	SHEET No.
DESIGNED BY: TMD/JRM		G03
DRAWN BY: JRR		3 of 22 SHEETS
CHECKED BY: NAL		PROJECT No. 129-14-15-29
RECORD Dwg:		

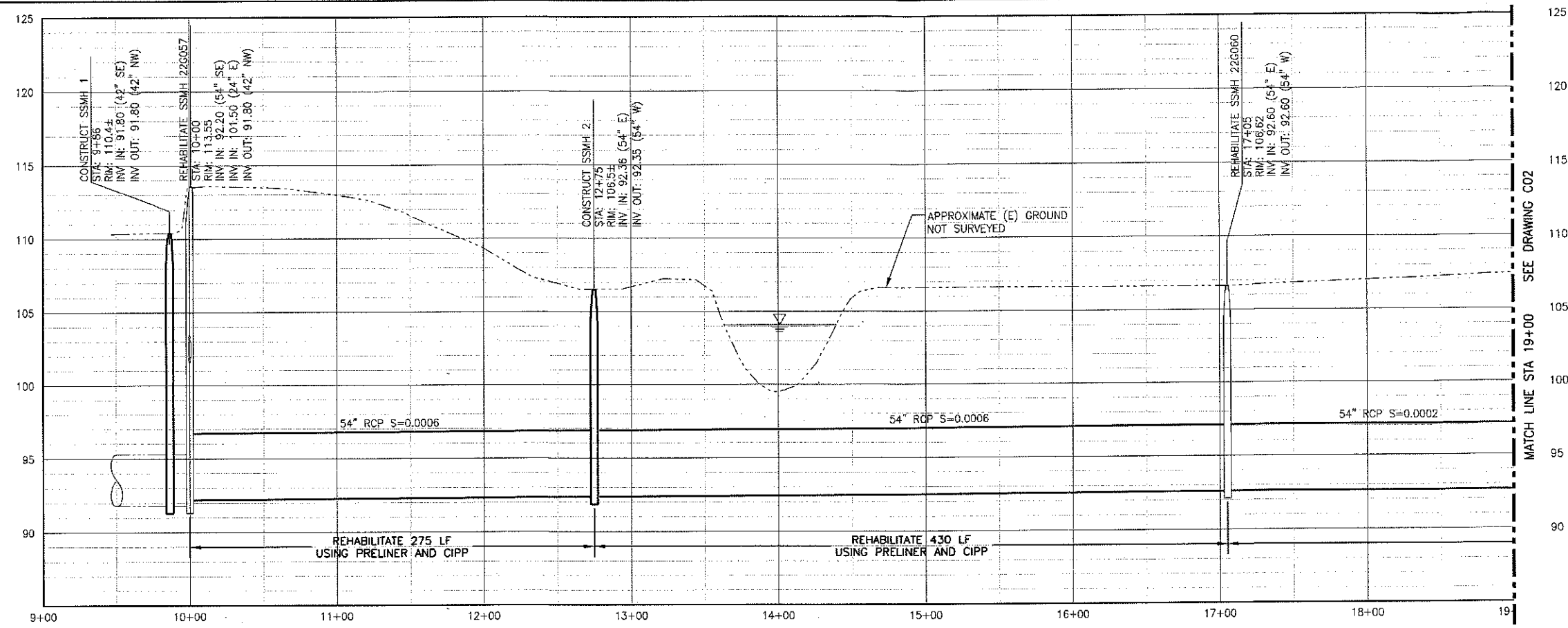


REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY



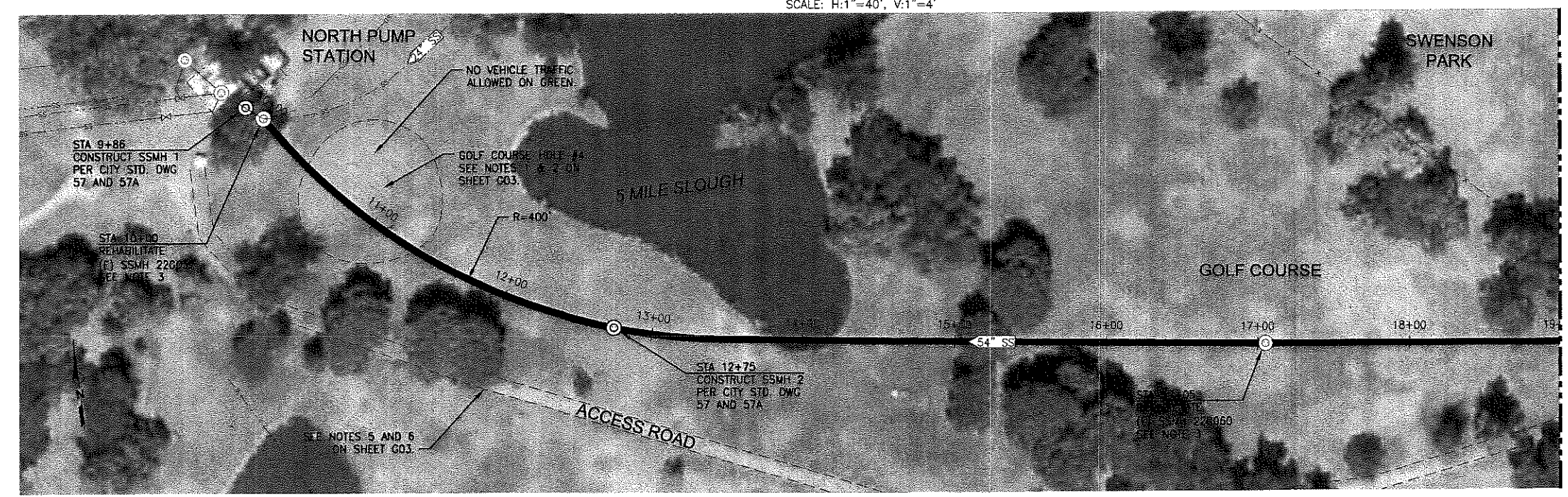
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Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

5308.2C



- NOTES:
1. EXISTING RCP TRUNK HAS COAL TAR LINING THAT IS FAILING. PRELINER REQUIRED.
 2. CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 3. IF (E) SSMH CONE IS REMOVED FOR LINER INSERTION, REPLACE CONE, FRAME, AND COVER WITH ALL NEW MATERIALS PER CITY STD. DWG 53, 54 AND 55.
 4. ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/001.
 5. CONTRACTOR TO REPAIR/REPLACE TURF PER SPECIFICATIONS SECTION 5-1.13 AND ACCESS PLAN NOTES 7/G03 & 8/G03, IRRIGATION LINES PER NOTE 4/G03, AND ALL OTHER UNDERGROUND UTILITIES DAMAGED BY CONSTRUCTION TO OWNER'S SATISFACTION.

PROFILE
SCALE: H:1"=40', V:1"=4'



PLAN
SCALE IN FEET
0 40 80

NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 10+00 TO STA 19+00

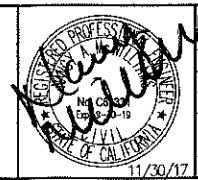
DEPARTMENT OF PUBLICWORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 4/1/18	SHEET No.
DESIGNED BY: TMD/NM		C01
DRAWN BY: JRR		4 of 22 SHEETS
CHECKED BY: NM		PROJECT No. 129-14-15-29
RECORD DWG:		

Underground Service Alert

TWO DAYS BEFORE YOU DIG

Call TOLL FREE: 1-800-277-2600

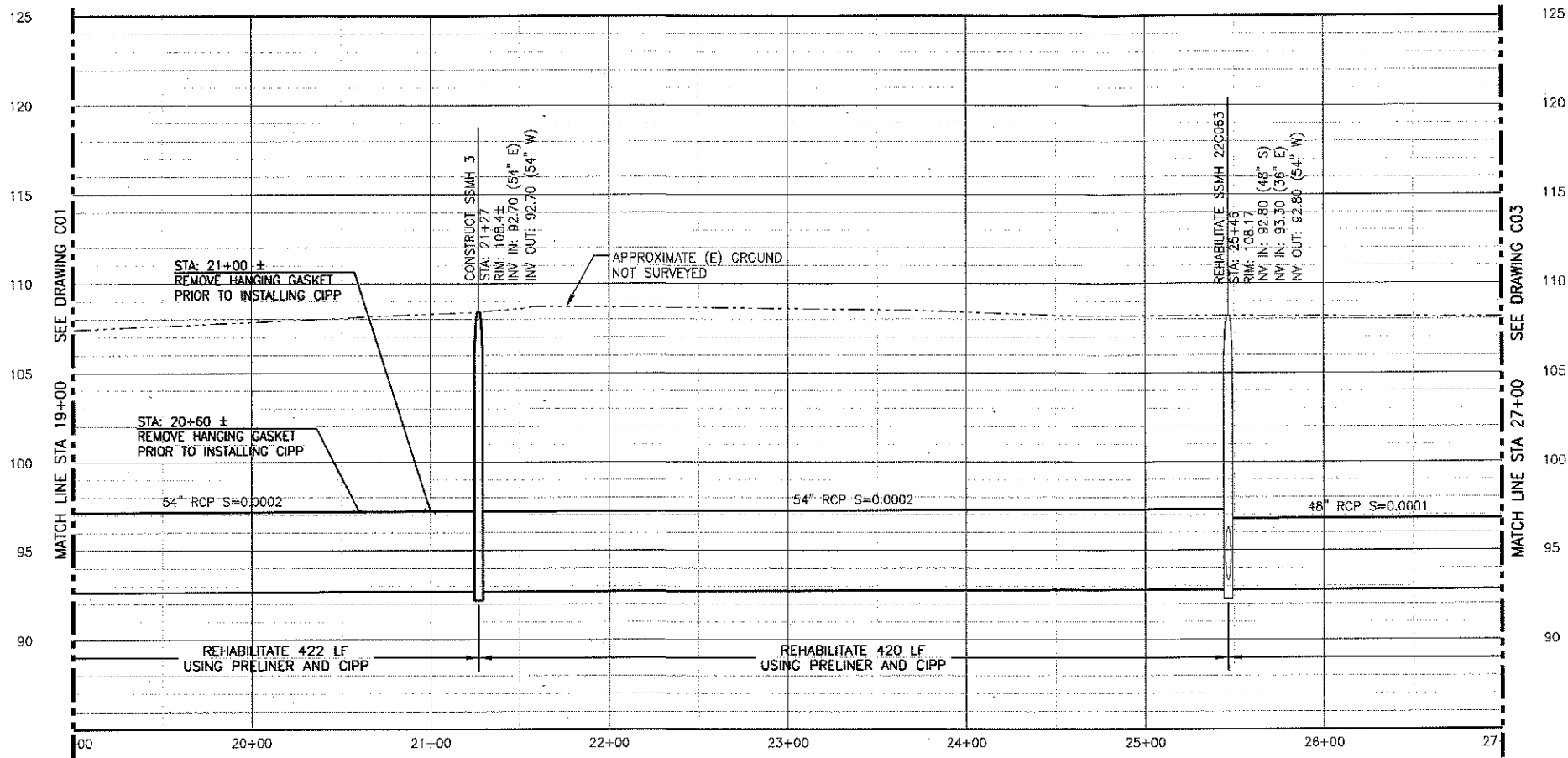


REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY

WEST YOST ASSOCIATES

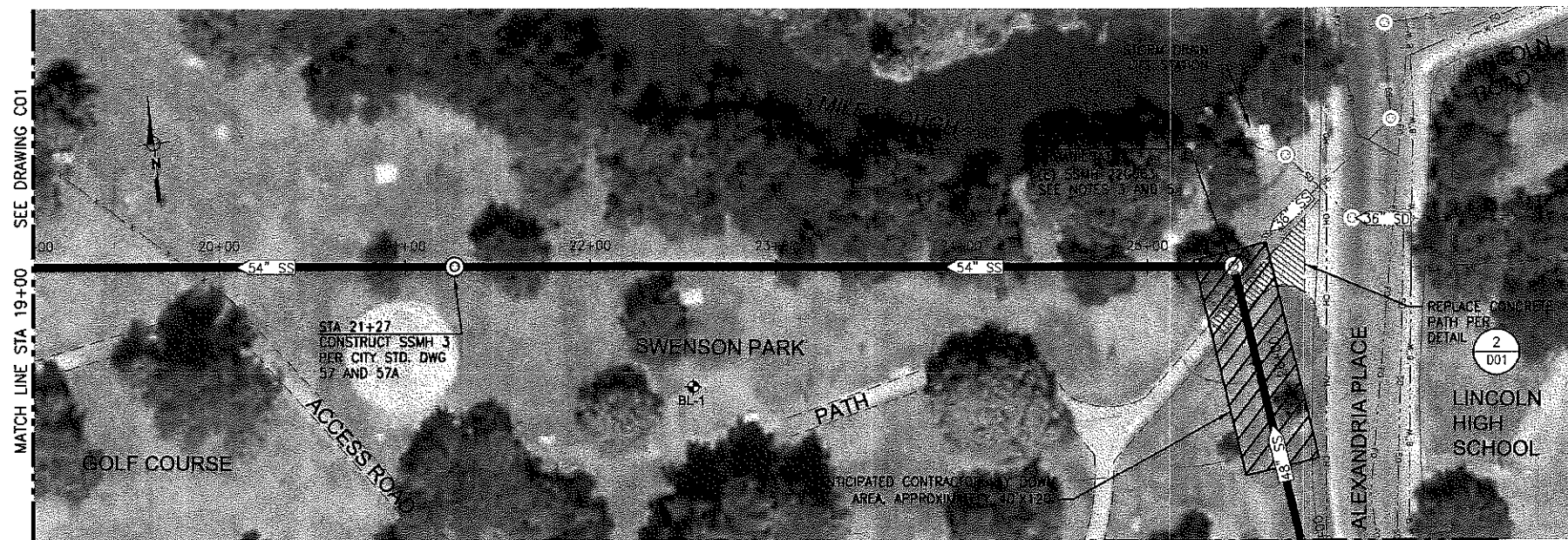
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Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

5300-3C



PROFILE

SCALE: H:1"=40', V:1"=4'



PLAN

0 40 80
SCALE IN FEET

- NOTES:
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 - CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 - IF (E) SSMH CONE IS REMOVED FOR LINER INSERTION, REPLACE CONE, FRAME, AND COVER WITH ALL NEW MATERIALS PER CITY STD. DWG 53, 54, AND 55.
 - ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/D01.
 - MH 22G063 HAS A SMART MH COVER. CONTRACTOR TO COORDINATE W/ CITY PRIOR TO DOING ANY WORK. IF SMART COVER IS DAMAGED, IT SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
 - CONTRACTOR TO REPAIR/REPLACE TURF PER SPECIFICATIONS SECTION 5-1.13 AND ACCESS PLAN NOTES 7/G03 & 8/G03, IRRIGATION LINES PER NOTE 4/G03, OR OTHER UNDERGROUND UTILITIES IF DAMAGED BY CONSTRUCTION.

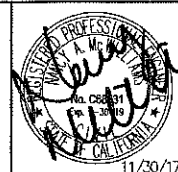
NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 19+00 TO STA 27+00

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 7/1/18	SHEET No.
DESIGNED BY: TMD/NM		C02
DRAWN BY: JRP		5 of 22 SHEETS
CHECKED BY: NAK		PROJECT No. 129-14-15-29
RECORD Dwg:		

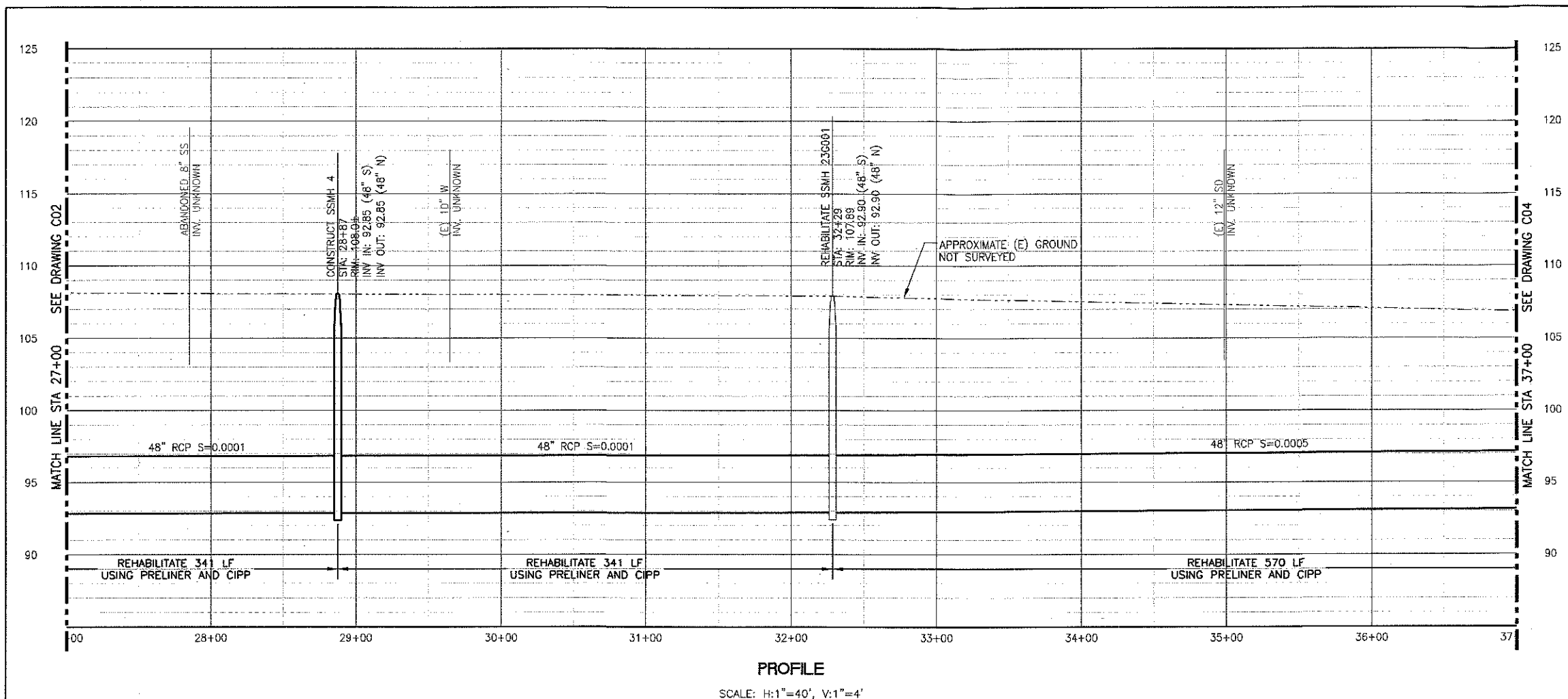


REV. NO.	DESCRIPTION	DATE	BY	APR'D BY

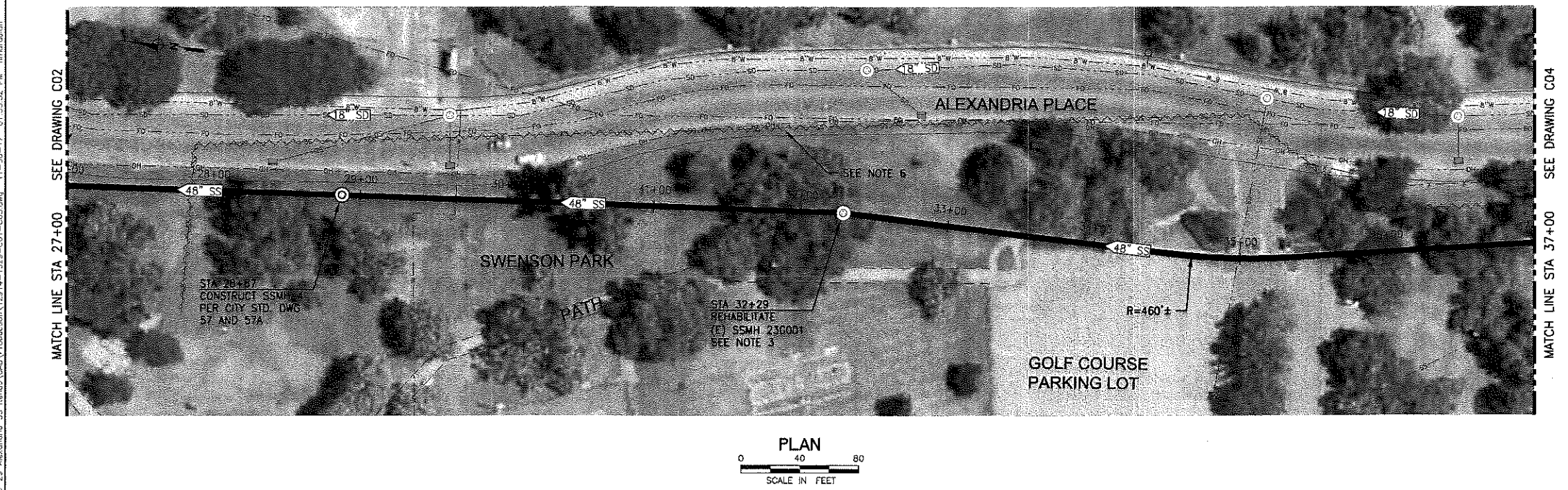


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5300.4C



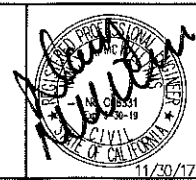
- NOTES:
- EXISTING RCP TRUNK HAS COAL TAR LINING THAT IS FAILING. PRELINER REQUIRED.
 - CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 - IF (E) SSMH CONE IS REMOVED FOR LINER INSERTION, REPLACE CONE, FRAME, AND COVER WITH ALL NEW MATERIALS PER CITY STD. DWG 53, 54, AND 55.
 - ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/001.
 - CONTRACTOR TO REPAIR/REPLACE TURF PER SPECIFICATIONS SECTION 5-1.13 AND ACCESS PLAN NOTES 7/G03 & 8/G03, IRRIGATION LINES PER NOTE 4/G03, OR OTHER UNDERGROUND UTILITIES IF DAMAGED BY CONSTRUCTION.
 - LOCATION OF 8" ABANDONED SEWER LINE UNKNOWN.



NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 27+00 TO STA 37+00



REV. NO.	DESCRIPTION	DATE	BY	APPR'D BY

WEST YOST ASSOCIATES
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Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

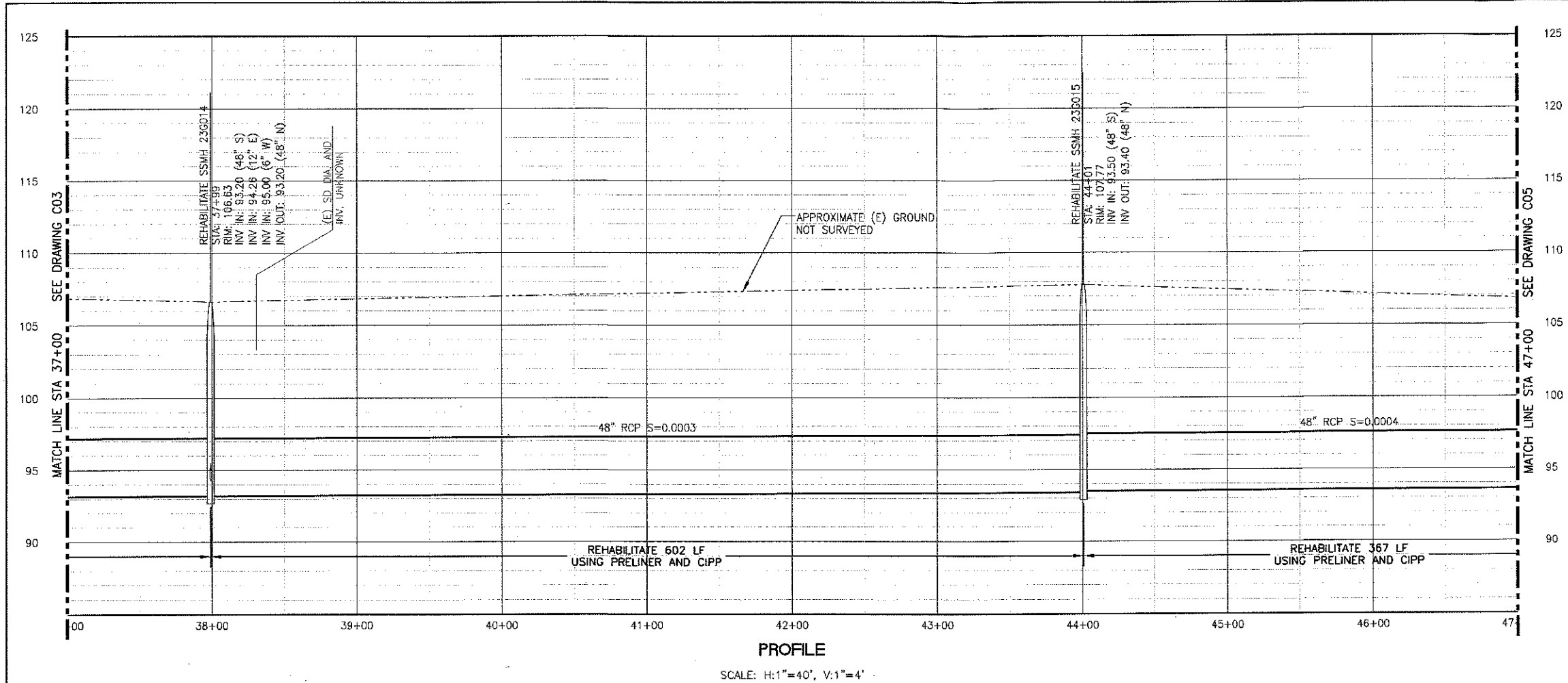
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN
DESIGNED BY: TMD/NM
DRAWN BY: JRR
CHECKED BY: NAM
RECORD Dwg.: CITY ENGINEER, STOCKTON, CA

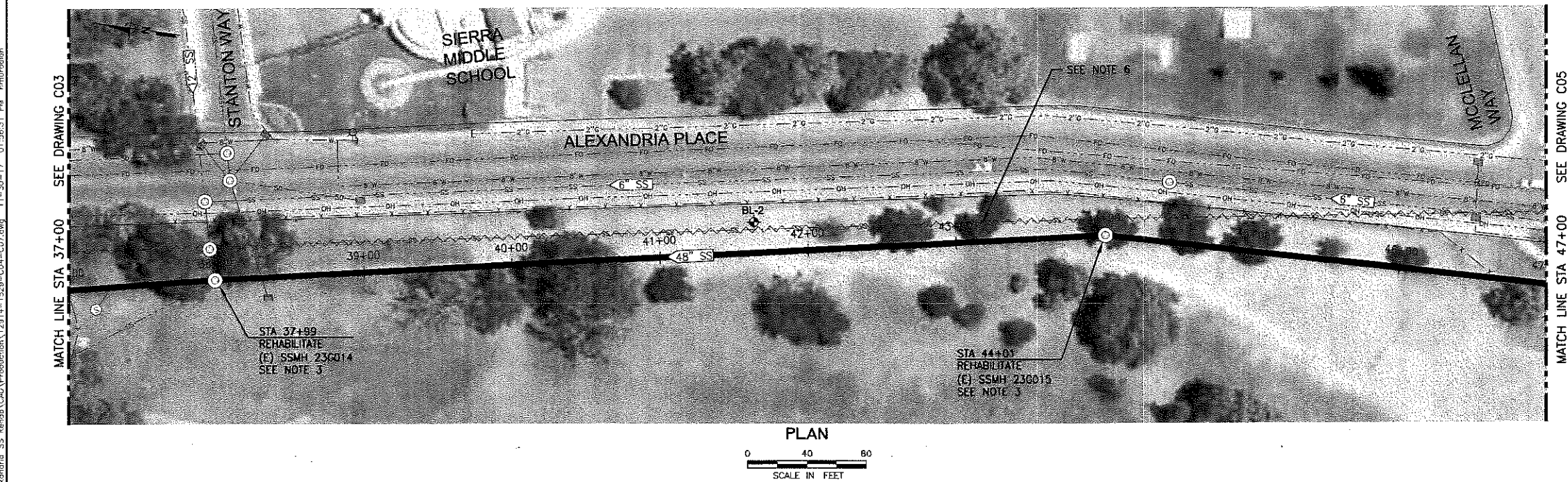
APPROVED BY: DATE: 11/18/17

SHEET No. C03
6 of 22 SHEETS
PROJECT No. 129-14-15-29

5300.50



- NOTES:
1. EXISTING RCP TRUNK HAS COAL TAR LINING THAT IS FAILING. PRELINER REQUIRED.
 2. CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 3. IF (E) SSMH CONE IS REMOVED FOR LINER INSERTION, REPLACE CONE, FRAME, AND COVER WITH ALL NEW MATERIALS PER CITY STD. DWG 53, 54, AND 55.
 4. ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/D01.
 5. CONTRACTOR TO REPAIR/REPLACE TURF PER SPECIFICATIONS SECTION 5-1.13 AND ACCESS PLAN NOTES 7/G03 & 8/G03, IRRIGATION LINES PER NOTE 4/G03, OR OTHER UNDERGROUND UTILITIES DAMAGED BY CONSTRUCTION.
 6. LOCATION OF 8" ABANDONED SEWER LINE UNKNOWN.

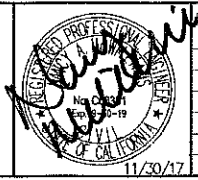
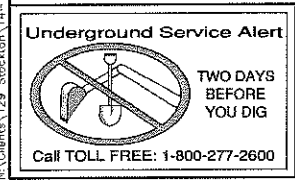


NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 37+00 TO STA 47+00

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

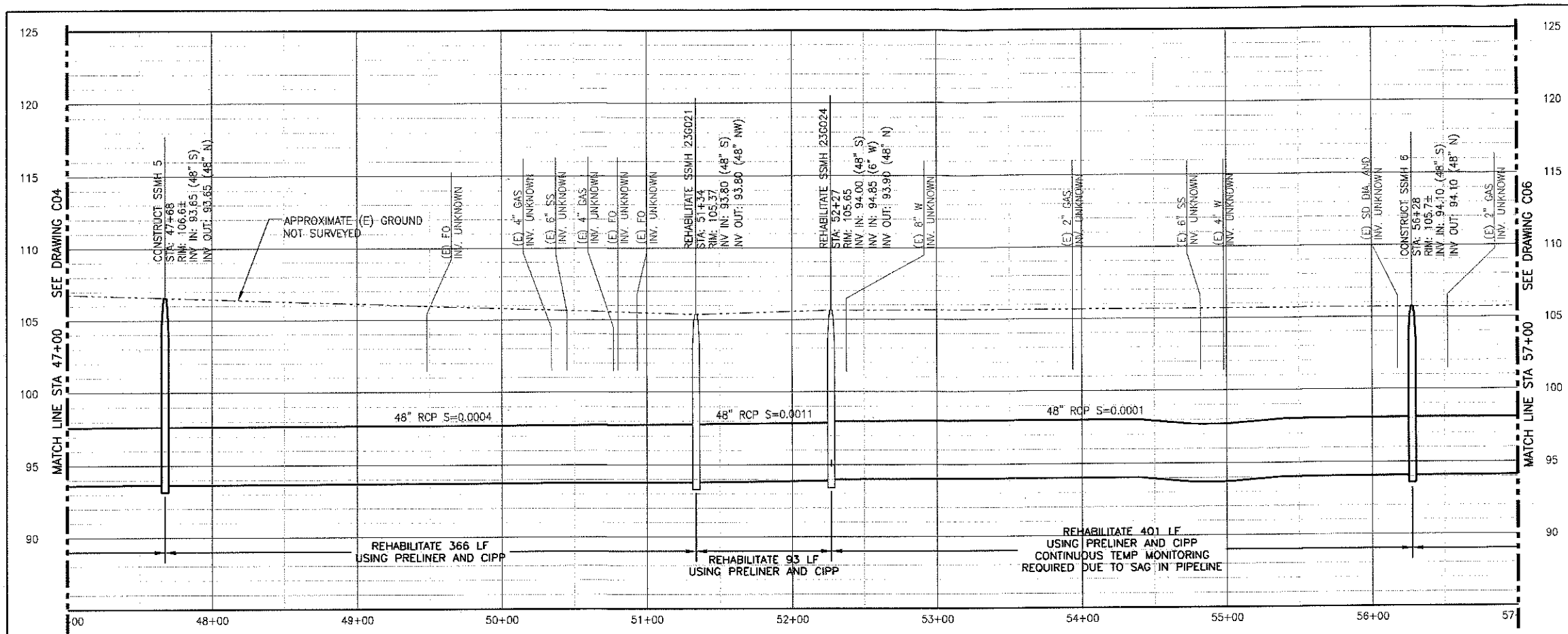


REV. NO.	DESCRIPTION	DATE	BY	APPR'D BY

WEST YOST ASSOCIATES
2020 Research Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

SCALE: AS SHOWN	APPROVED BY: DATE: 11/19	SHEET No.
DESIGNED BY: TMD/NM		C04
DRAWN BY: JRR		7 of 22 SHEETS
CHECKED BY: NAM		PROJECT No. 129-14-15-29
RECORD Dwg.:		

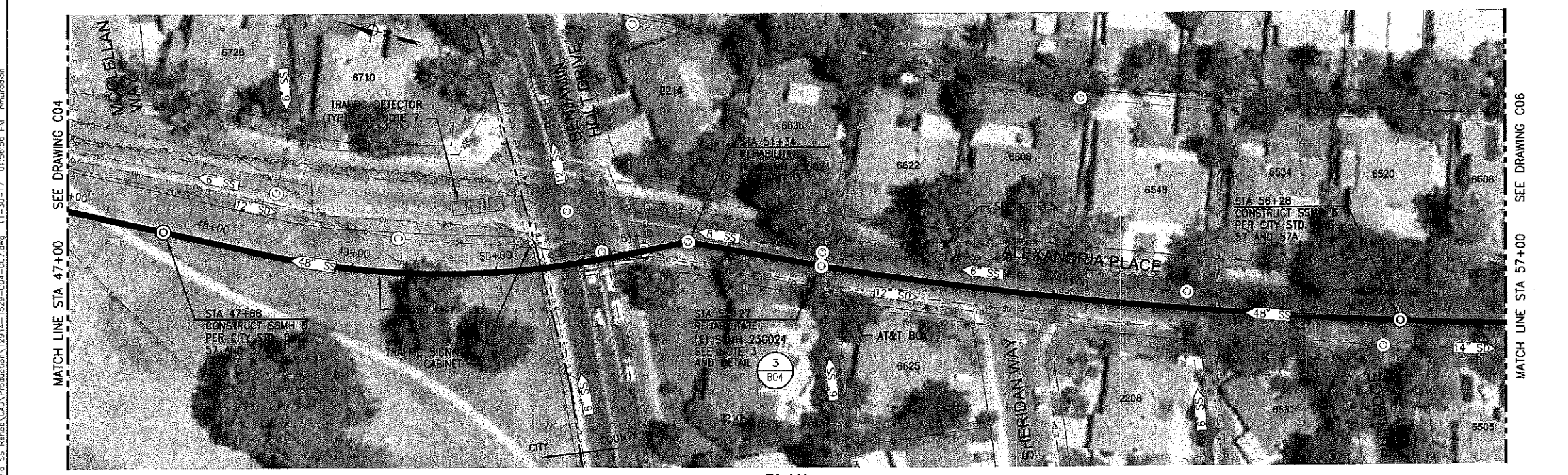
5300.1e C



PROFILE

SCALE: H:1"=40', V:1"=4'

- NOTES:
1. EXISTING RCP TRUNK HAS COAL TAR LINING THAT IS FAILING. PRELINER REQUIRED.
 2. CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 3. ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/D01.
 4. CONTRACTOR TO REPAIR/REPLACE TURF PER SPECIFICATIONS SECTION 5-1.13 AND ACCESS PLAN NOTES 7/G03 & 8/G03, IRRIGATION LINES PER NOTE 4/G03, OR OTHER UNDERGROUND UTILITIES DAMAGED BY CONSTRUCTION.
 5. LOCATION OF 8" ABANDONED SEWER LINE UNKNOWN.
 6. BACKFILL AND SURFACE RESTORATION BETWEEN BENJAMIN HOLT DRIVE AND 14 MILE SLOUGH SHALL BE PERFORMED IN ACCORDANCE WITH COUNTY STANDARD PLANS AND SPECIFICATIONS.
 7. ANY TRAFFIC LOOPS OR SIGNAL CONDUIT AT BENJAMIN HOLT DRIVE AND ALEXANDRIA PLACE SHALL BE REPLACED IF DAMAGED.



PLAN

SCALE IN FEET
0 40 80

NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

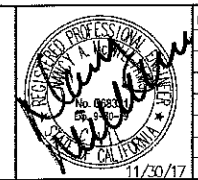
**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 47+00 TO STA 57+00

Underground Service Alert

TWO DAYS BEFORE YOU DIG

Call TOLL FREE: 1-800-277-2600



REV. NO.	DESCRIPTION	DATE	BY	APPRO'D BY

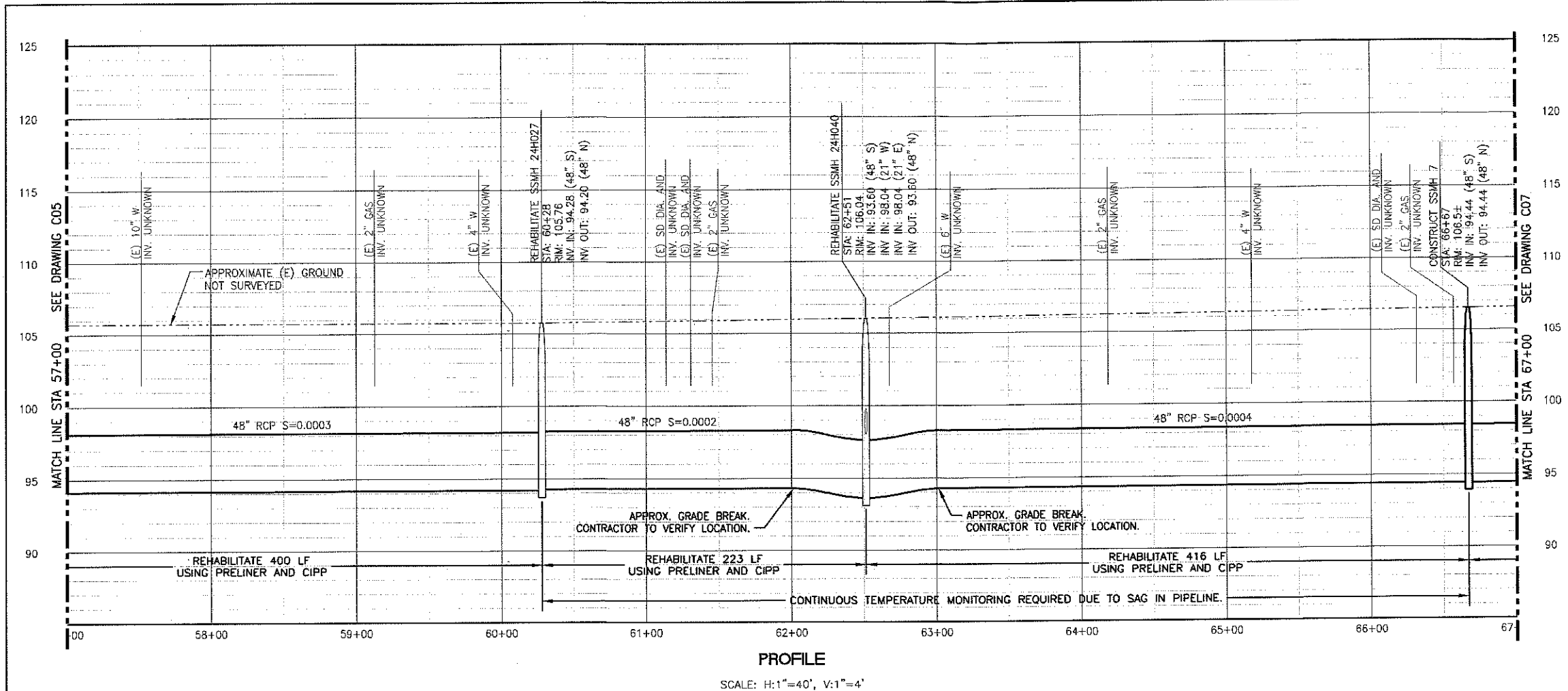


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Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE: AS SHOWN	APPROVED BY: DATE: 4/1/17
DESIGNED BY: TMD/NM	
DRAWN BY: JRR	
CHECKED BY: JRR	
RECORD Dwg.:	CITY ENGINEER STOCKTON, CA

SHEET No.
C05
8 of 22 SHEETS
PROJECT No.
129-14-15-29

5308.7C



- NOTES:
1. EXISTING RCP TRUNK HAS COAL TAR LINING THAT IS FAILING. PRELINER REQUIRED.
 2. CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 3. ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/D01.
 4. LOCATION OF 8\"/>
 5. BACKFILL AND SURFACE RESTORATION BETWEEN BENJAMIN HOLT DRIVE AND 14 MILE SLOUGH SHALL BE PERFORMED IN ACCORDANCE WITH COUNTY STANDARD PLANS AND SPECIFICATIONS.

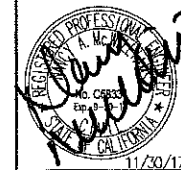


NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 57+00 TO STA 67+00

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA



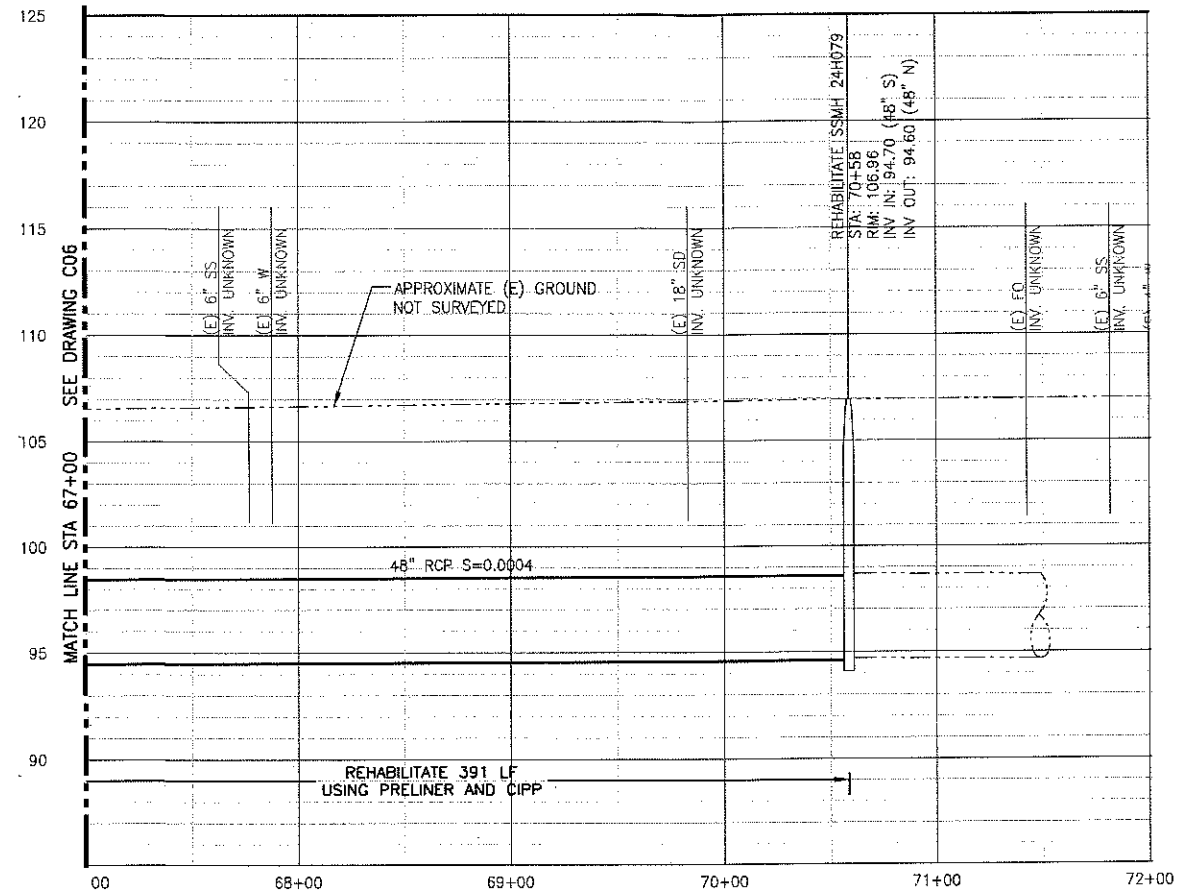
REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY



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Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

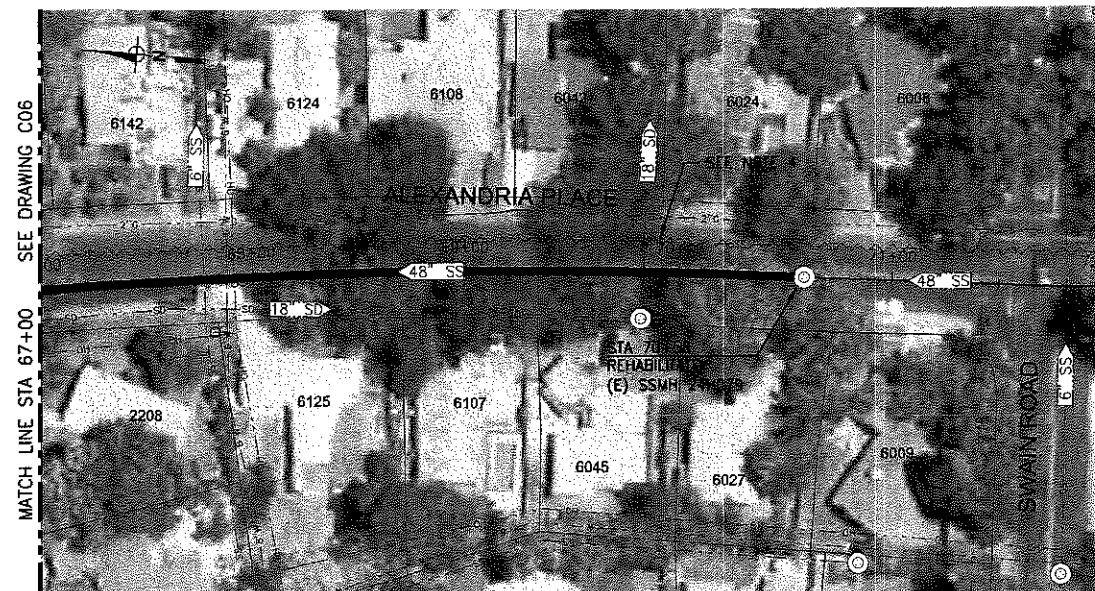
SCALE: AS SHOWN	DESIGNED BY: TMD/HM	APPROVED BY: DATE: 7/1/18	SHEET No. C06
DRAWN BY: JRR	CHECKED BY: NAM	RECORD Dwg.: CITY ENGINEER, STOCKTON, CA	9 of 22 SHEETS
			PROJECT No. 129-14-15-29

5308-00



PROFILE

SCALE: H:1"=40', V:1"=4'



PLAN

SCALE IN FEET

- NOTES:
1. EXISTING RCP TRUNK HAS COAL TAR LINING THAT IS FAILING. PRELINER REQUIRED.
 2. CONTRACTOR SHALL REMOVE FAILING (HANGING) GASKETS PRIOR TO INSTALLING CIPP.
 3. ALL (E) MAINTENANCE HOLES REFERENCED ON PLAN TO BE REHABILITATED PER DETAIL 1/D01.
 4. LOCATION OF 8" ABANDONED SEWER LINE UNKNOWN.
 5. PEDESTRIAN AND/OR BIKE ACCESS SHALL NOT BE IMPEDED AT FOOT BRIDGE. RAMPS SHALL BE INSTALLED OR PIPE SHALL BE BURIED TO MAINTAIN ACCESS.
 6. BACKFILL AND SURFACE RESTORATION BETWEEN BENJAMIN HOLT DRIVE AND 14 MILE SLOUGH SHALL BE PERFORMED IN ACCORDANCE WITH COUNTY STANDARD PLANS AND SPECIFICATIONS.

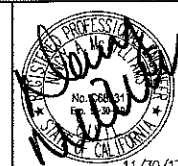
NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

ALEXANDRIA PLACE STA 67+00 TO STA 72+00

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 4/4/18	SHEET No.
DESIGNED BY: TMD/NM		C07
DRAWN BY: JRR		10 of 22 SHEETS
CHECKED BY: NAM		PROJECT No. 129-14-15-29
RECORD Dwg.:	CPY-ENGINEER, STOCKTON, CA	



REV. NO.	DESCRIPTION	DATE	BY	APPR'D BY



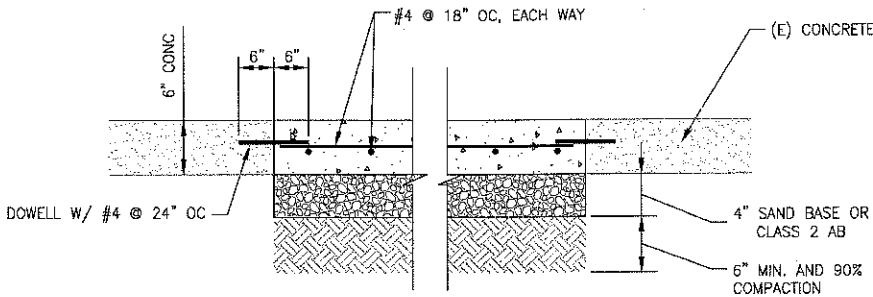
2020 Research Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

5200.9C

MAINTENANCE REHABILITATION TABLE		
DWG #	MH#	REHABILITATION AND REPLACEMENT
C01	22G057	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C01	22G060	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C02	22G063	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 2) REUSE SMART COVER
C03	23G001	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C04	23G014	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C04	23G015	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C05	23G021	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C05	23G024	1) BYPASS FLOWS FROM EXISTING 6" PIPE, REMOVE PIPE FROM MH BASE, INSTALL LINER, AND REPLACE EXISTING PIPE 2) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 3) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C06	24H027	1) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C06	24H040	1) REPAIR CORRODED AREA 2) CLEAN MH, RESTORE SURFACE, AND APPLY EPOXY LINER, INCLUDING GRADE RINGS 3) REMOVE AND REPLACE CAST IRON FRAME AND COVER
C07	24H079	1) CLEAN MH, RESTORE SURFACE IF NEEDED, AND APPLY EPOXY COAT TO EXISTING CEMENTITIOUS LINER 2) REMOVE AND REPLACE CAST IRON FRAME AND COVER

MAINTENANCE REHABILITATION TABLE

DETAIL 1 VAR



CONCRETE PATH SECTION

DETAIL 2 VAR

NOT TO SCALE

NOTES:
1. CONCRETE SHALL BE REPLACED TO THE NEAREST SCORE MARK.

ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001

CIVIL DETAILS 1

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 11/12/17	SHEET No.
DESIGNED BY: TMD/NM		D01
DRAWN BY: JRR		11 of 22 SHEETS
CHECKED BY: NAM		PROJECT No. 129-14-15-29
RECORD Dwg:	CIVIL ENGINEER, STOCKTON, CA	

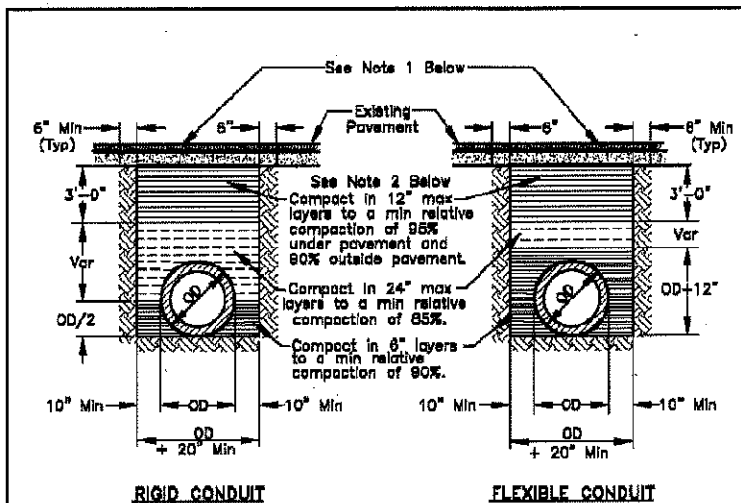


REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY



2020 Research Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

5308.10C



NOTES:

1. New pavement shall be 1" thicker than existing pavement, minimum of 0.25 Ft. New base shall be 1" thicker than existing base, min of 0.50 Ft.
2. Select native material or imported granular material as approved by the Director of Public Works. Backfill with materials equal to or better than the existing pavement and base in quality.
3. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
4. All existing pavement shall be neatly cut to line prior to trench excavation.
5. Jetting or ponding will be permitted within the street right-of-way with a 3 year bond, when approved by the Director of Public Works.
6. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
7. Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



TYPICAL TRENCH BACKFILL

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: DEC 2014

Approved by:

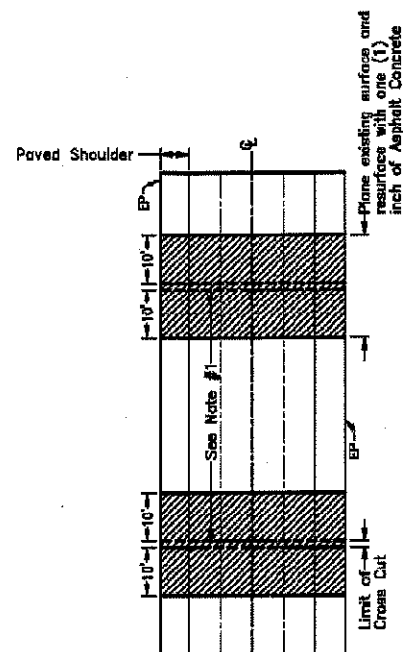
Thomas M. Bae

No. Revision Description Date

Std. Dwg. No. **R-29**

NOTES:

1. If the distance between cross-cuts are less than 150' the entire area between cross-cuts shall be planed and resurfaced with one (1) inch of Asphalt Concrete.
2. The resurfacing requirements shall be in addition to County Standard Drawing No. R-29.
3. Resurfacing for Bell Holes shall meet these requirements. If excavation occurs within the shoulder or lane, only that area shall be resurfaced as shown.
4. If cross-cutting is performed on Local Roads at intervals less than 150' a Seal Coat for that half of the roadway containing the trench can be used in lieu of resurfacing. Section 2-5.03 (B-2).



TRENCH CUTTING POLICY CROSS CUTTING OF COUNTY ROADWAYS

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: MAY 2015

Approved by:

Michael J. Hilly

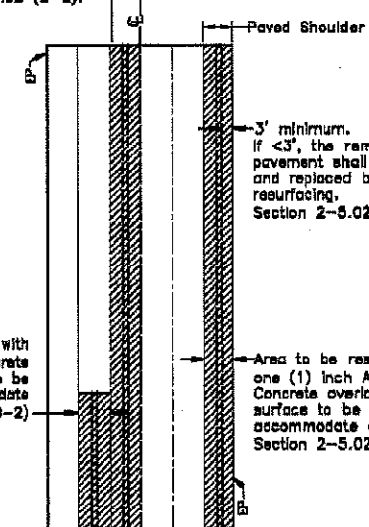
No. Revision Description Date

Std. Dwg. No. **R-36**

NOTES:

1. The resurfacing requirements shall be in addition to County Standard Drawing No. R-29.
2. If longitudinal cuts are required on a Local Road a Seal Coat can be used for that half of the roadway containing the trench. Section 2-5.03 (B-1).

Area to be resurfaced with one (1) inch Asphalt Concrete overlay existing surface to be planed, to accommodate overlay. Section 2-5.02 (B-2).



Area to be resurfaced with one (1) inch Asphalt Concrete overlay existing surface to be planed to accommodate overlay. Section 2-5.02 (B-2).

Area to be resurfaced with one (1) inch Asphalt Concrete overlay existing surface to be planed to accommodate overlay. Section 2-5.02 (B-1).



TRENCH CUTTING POLICY LONGITUDINAL CUTTING OF COUNTY ROADWAYS

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: MAY 2015

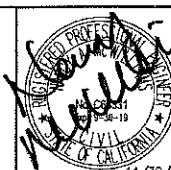
Approved by:

Michael J. Hilly

No. Revision Description Date

Std. Dwg. No. **R-37**

Underground Service Alert



REV. NO.	DESCRIPTION	DATE	BY	APPR'D BY



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Davis, California 95618
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FAX (530) 756-5991

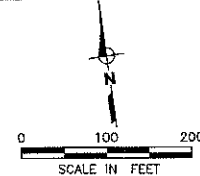
ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT PROJECT NO. M15001

CIVIL DETAILS 2

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: <i>7/1/16</i>	SHEET No.
DESIGNED BY: TMD/NM		D02
DRAWN BY: JRR		12 of 22 SHEETS
CHECKED BY: <i>Cal Hilly</i>		PROJECT No.
RECORD Dwg.:		129-14-15-29

5308.11C



LEGEND

ANTICIPATED PUMP STATION	PS#
EXISTING MH	⊙
NEW MH	⊙
EXISTING SEWER LINE	--- 48" SS --- SS
ANTICIPATED BYPASS LINES (BELOW GROUND)	---
ANTICIPATED BYPASS LINES (ABOVE GROUND)	---
CAPACITY OF SEWER FLOWING FULL	X.XX MGD
ANTICIPATED DISCHARGE LOCATION	DISCH#

GENERAL BYPASS NOTES:

- THIS SHEET IS FOR CONTRACTOR'S INFORMATION ONLY. DIAMETER AND LENGTH OF BYPASS, EQUIPMENT LOCATION AND SETUP SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR SHALL SUBMIT THEIR OWN DETAILED BYPASS PLAN PER THE CONTRACT SPECIFICATIONS FOR REVIEW AND WRITTEN APPROVAL BY THE CITY PRIOR TO THE START OF ANY CONSTRUCTION.
- ALL PIPING ASSOCIATED WITH BYPASS PUMPING SETUP LOCATED IN ROADWAY SHALL NOT IMPEDE THE FLOW OF TRAFFIC.
- SEE SHEET B06 FOR ADDITIONAL BYPASS DETAILS AND SEWAGE FLOW CONTROL SYSTEM NOTES.
- SEE C SHEETS FOR LOCATIONS OF UNDERGROUND UTILITIES.
- CONTRACTOR TO AVOID PLACING BYPASS LINES ON TOP OF SPRINKLER HEADS WITHIN PARK AND GOLF COURSE. COORDINATE PIPE LAYOUT WITH GOLF COURSE MANAGER AND PARKS MANAGER AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MOWING 10-FOOT ON EITHER SIDE OF BYPASS LINES AS DEEMED NECESSARY BY PARKS MANAGER AND GOLF COURSE MANAGER FOR ENTIRE TIME BYPASS LINES ARE IN PLACE. CONTRACTOR SHALL REPLACE ALL IRRIGATION AND TURF DAMAGED BY CONSTRUCTION.
- REMOVE AND REPLACE EXISTING FENCE/GATE AS NEEDED FOR INSTALLATION OF BYPASS LINES. CONTRACTOR SHALL PROVIDE FENCING NECESSARY TO MAINTAIN SECURITY OF PRIVATE PROPERTIES OF ALL TIMES. CHAINLINK FENCES SHALL BE SPLICED ONLY AT POSTS.

ANTICIPATED BYPASS PUMP STATIONS

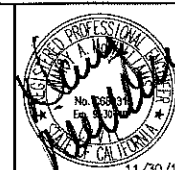
MAINLINE PS1	FOR LINER INSTALLATION FROM
SIDELINE SB1	SSMH 24H079 TO SSMH 23G015
SIDELINE SB2	
DISCH1	ANTICIPATED DISCHARGE LOCATION 1
MAINLINE PS2	FOR LINER INSTALLATION FROM
SIDELINE SB3	SSMH 23G015 TO SSMH 22G057
SIDELINE SB4	
SIDELINE SB5	
DISCH2	ANTICIPATED DISCHARGE LOCATION 2

ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT PROJECT NO. M15001

TEMPORARY BYPASS PLAN 1

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 4/4/18	SHEET No.
DESIGNED BY: TMD/NM		B01
DRAWN BY: JRR		13 of 22 SHEETS
CHECKED BY: NAM	FOR REFERENCE ONLY	PROJECT No.
RECORD DWG:	CITY ENGINEER, STOCKTON, CA	129-14-15-28

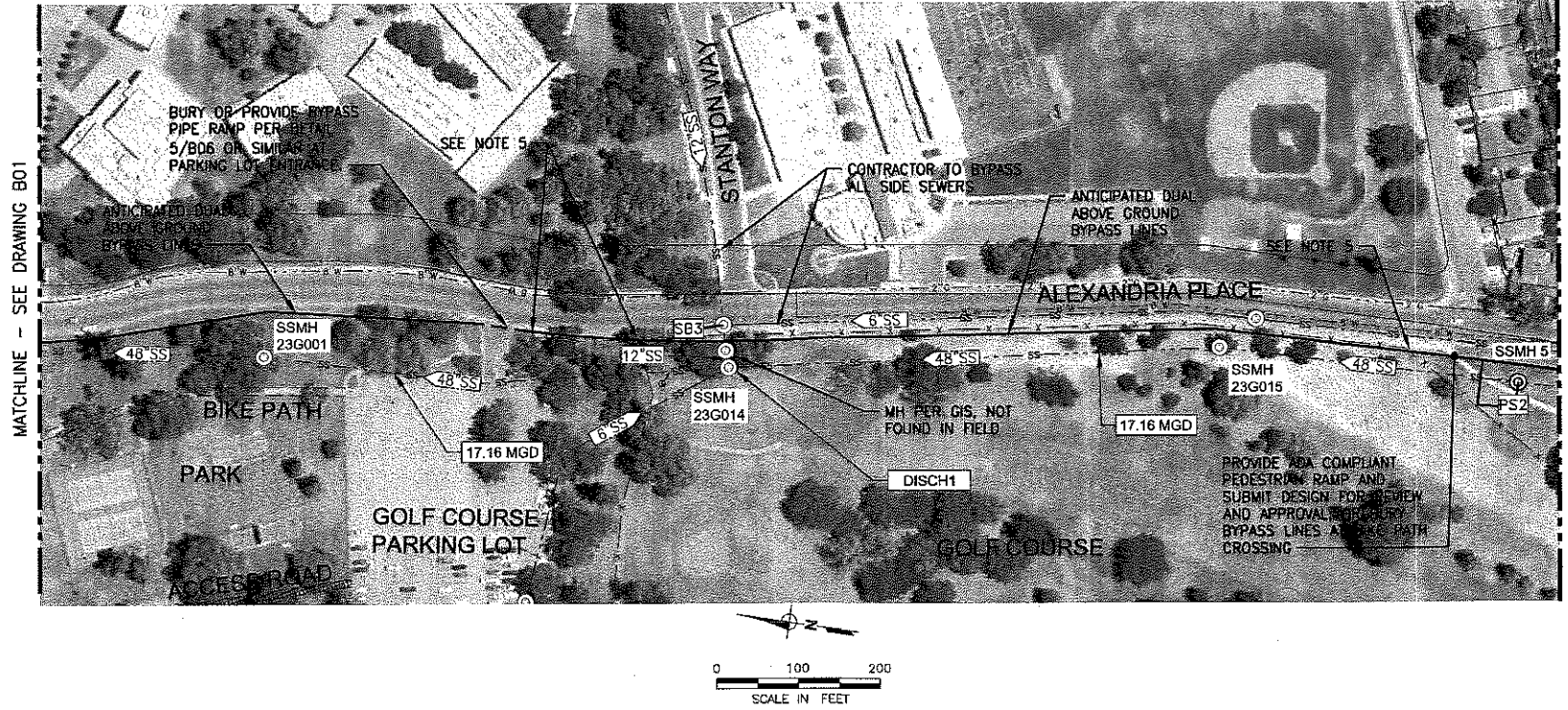


REV. NO.	DESCRIPTION	DATE	BY	APR'D BY



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Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

5308.126



- ANTICIPATED BYPASS PUMP STATIONS**
- MAINLINE PS1
 SIDELINE SB1
 SIDELINE SB2
- FOR LINER INSTALLATION FROM
 SSMH 24H079 TO SSMH 23G015
- DISCH1 ANTICIPATED DISCHARGE LOCATION 1
- MAINLINE PS2
 SIDELINE SB3
 SIDELINE SB4
 SIDELINE SB5
- FOR LINER INSTALLATION FROM
 SSMH 23G015 TO SSMH 22G057
- DISCH2 ANTICIPATED DISCHARGE LOCATION 2

- LEGEND**
- ANTICIPATED PUMP STATION PS#
- EXISTING MH
- NEW MH
- EXISTING SEWER LINE
- ANTICIPATED BYPASS LINES (BELOW GROUND)
- ANTICIPATED BYPASS LINES (ABOVE GROUND)
- CAPACITY OF SEWER FLOWING FULL
- ANTICIPATED DISCHARGE LOCATION DISCH#

- GENERAL BYPASS NOTES:**
1. THIS SHEET IS FOR CONTRACTORS INFORMATION ONLY. DIAMETER AND LENGTH OF BYPASS, EQUIPMENT LOCATION AND SETUP SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR SHALL SUBMIT THEIR OWN DETAILED BYPASS PLAN PER THE CONTRACT SPECIFICATIONS FOR REVIEW AND WRITTEN APPROVAL BY THE CITY PRIOR TO THE START OF ANY CONSTRUCTION.
 2. ALL PIPING ASSOCIATED WITH BYPASS PUMPING SETUP LOCATED IN ROADWAY SHALL NOT IMPEDE THE FLOW OF TRAFFIC.
 3. SEE SHEET B06 FOR ADDITIONAL BYPASS DETAILS AND SEWAGE FLOW CONTROL SYSTEM NOTES.
 4. SEE C SHEETS FOR LOCATIONS OF UNDERGROUND UTILITIES. LOCATION OF UNDERGROUND UTILITIES IN SWAIN ROAD UNKNOWN. CONTRACTOR TO DETERMINE BYPASS PIPELINE LOCATIONS FOLLOWING USA MARK-OUT.
 5. REMOVE AND REPLACE EXISTING FENCE/GATE AS NEEDED FOR INSTALLATION OF BYPASS LINES. CONTRACTOR SHALL PROVIDE FENCING NECESSARY TO MAINTAIN SECURITY OF PRIVATE PROPERTIES OF ALL TIMES. CHAINLINK FENCES SHALL BE SPLICED ONLY AT POSTS.
 6. CONTRACTOR TO AVOID PLACING BYPASS LINES ON TOP OF SPRINKLER HEADS, OR WHERE LINE INTERFERES WITH SPRAY PATTERN, WITHIN PARK AND GOLF COURSE. COORDINATE PIPE LAYOUT WITH GOLF COURSE MANAGER AND PARKS MANAGER AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.
 7. CONTRACTOR SHALL BE RESPONSIBLE FOR MOWING 10- FEET ON EITHER SIDE OF BYPASS LINES AS DEEMED NECESSARY BY PARK MANAGER AND GOLF COURSE MANAGER FOR ENTIRE TIME BYPASS LINES ARE IN PLACE. CONTRACTOR SHALL REPLACE ALL IRRIGATION AND TURF DAMAGED BY CONSTRUCTION. ALL LANDSCAPE RESTORATION WORK SHALL BE SUBJECT TO APPROVAL BY THE CITY PARKS MANAGER OR REPRESENTATIVE.
 8. BACKFILL AND SURFACE RESTORATION BETWEEN BENJAMIN HOLT DRIVE AND 14 MILE SLOUGH SHALL BE PERFORMED IN ACCORDANCE WITH COUNTY STANDARD PLANS AND SPECIFICATIONS.



ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT
 PROJECT NO. M15001

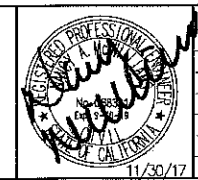
TEMPORARY BYPASS PLAN 2

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN
 DESIGNED BY: TMD/NM
 DRAWN BY: JRR
 CHECKED BY: NAM
 RECORD Dwg:

APPROVED BY: DATE: 11/18/17
 CITY ENGINEER, STOCKTON, CA

SHEET No.
B02
 14 of 22 SHEETS
 PROJECT No.
 129-14-15-29

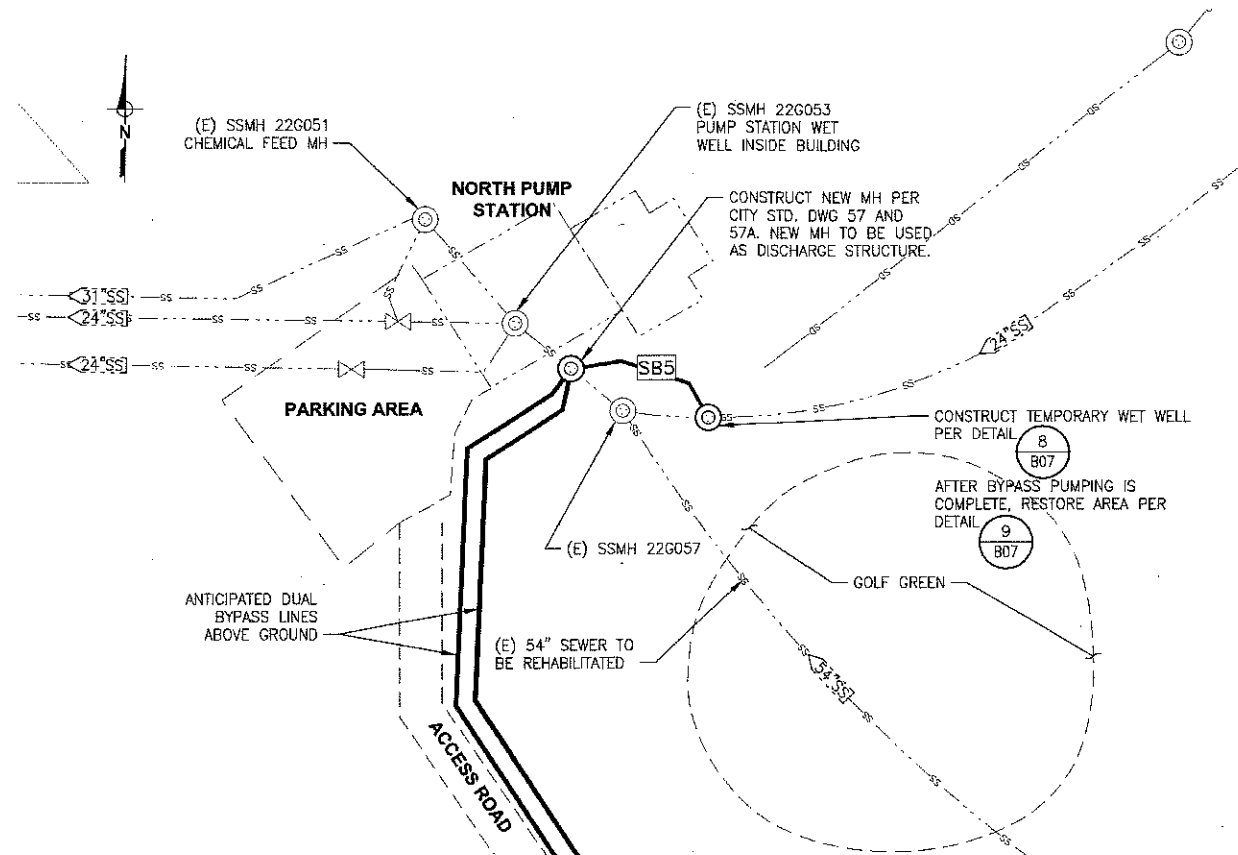


REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY

WEST YOST ASSOCIATES
 2020 Research Park Drive
 Suite 100
 Davis, California 95618
 (530) 756-5905
 FAX (530) 756-5991

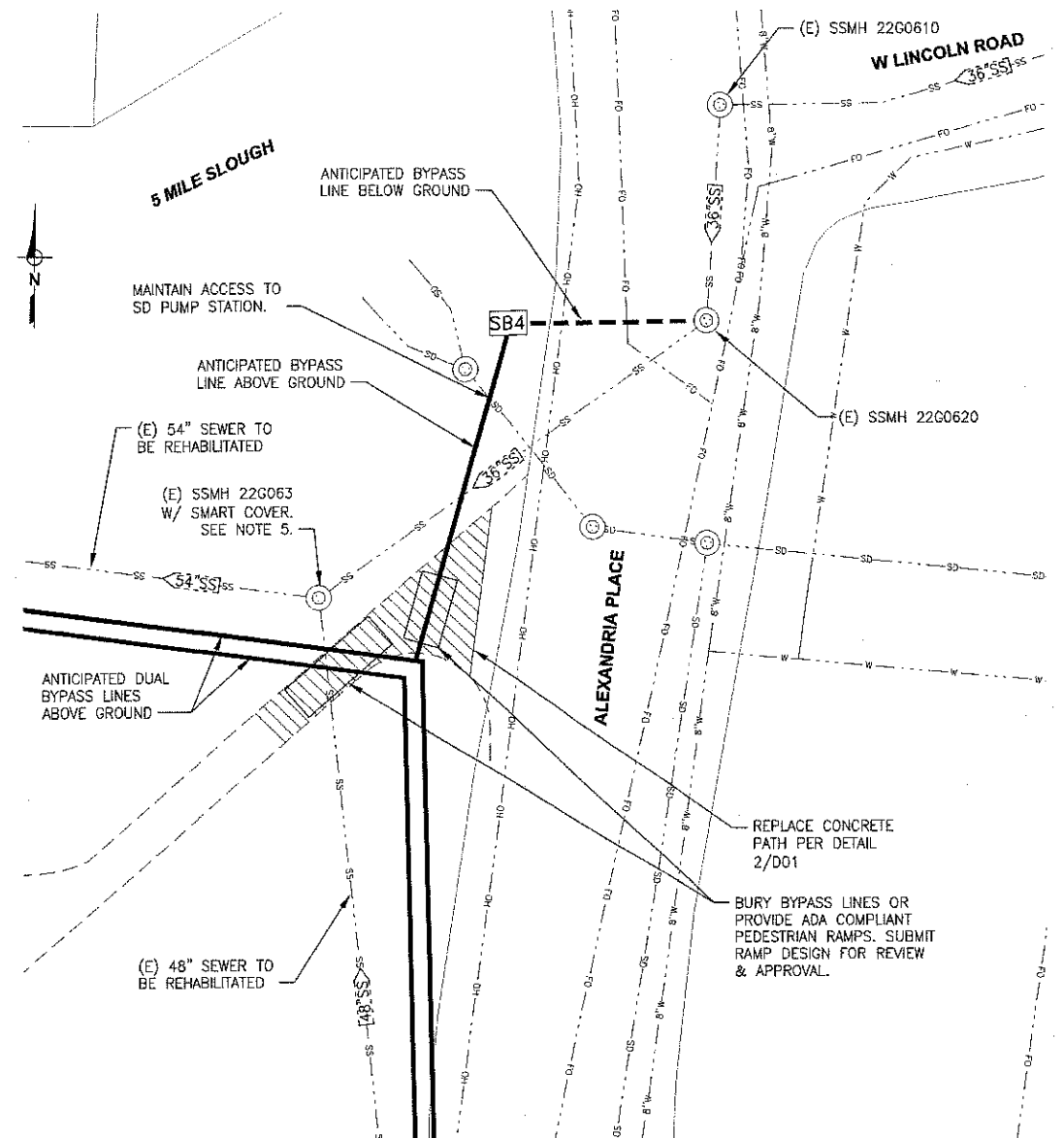
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DISCHARGING TEMPORARY BYPASS LINES TO NORTH PUMP STATION

DETAIL 1
B01
NOT TO SCALE



TEMPORARY BYPASS AT LINCOLN ROAD AND ALEXANDRIA PLACE

DETAIL 2
B01
NOT TO SCALE

GENERAL BYPASS NOTES:

1. THIS SHEET IS FOR CONTRACTORS INFORMATION ONLY. DIAMETER AND LENGTH OF BYPASS, EQUIPMENT LOCATION AND SETUP SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR SHALL SUBMIT THEIR OWN DETAILED BYPASS PLAN PER THE CONTRACT SPECIFICATIONS FOR REVIEW AND WRITTEN APPROVAL BY THE CITY PRIOR TO THE START OF ANY CONSTRUCTION.
2. ALL PIPING ASSOCIATED WITH BYPASS PUMPING SETUP LOCATED IN ROADWAY SHALL NOT IMPEDE THE FLOW OF TRAFFIC.
3. SEE SHEET B06 FOR ADDITIONAL BYPASS DETAILS AND NOTES.
4. SEE C SHEETS FOR LOCATIONS OF UNDERGROUND UTILITIES.
5. MH 22G063 HAS A SMART MH COVER. CONTRACTOR TO COORDINATE W/ CITY PRIOR TO DOING ANY WORK. IF SMART COVER IS DAMAGED, IT SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.

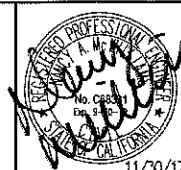
NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

BYPASS DETAILS 1

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 11/30/17	SHEET No. B03
DESIGNED BY: TMD/NM		15 of 22 SHEETS
DRAWN BY: JRR		PROJECT No. 129-14-15-29
CHECKED BY: NAM		CITY ENGINEER, STOCKTON, CA
RECORD Dwg.:		

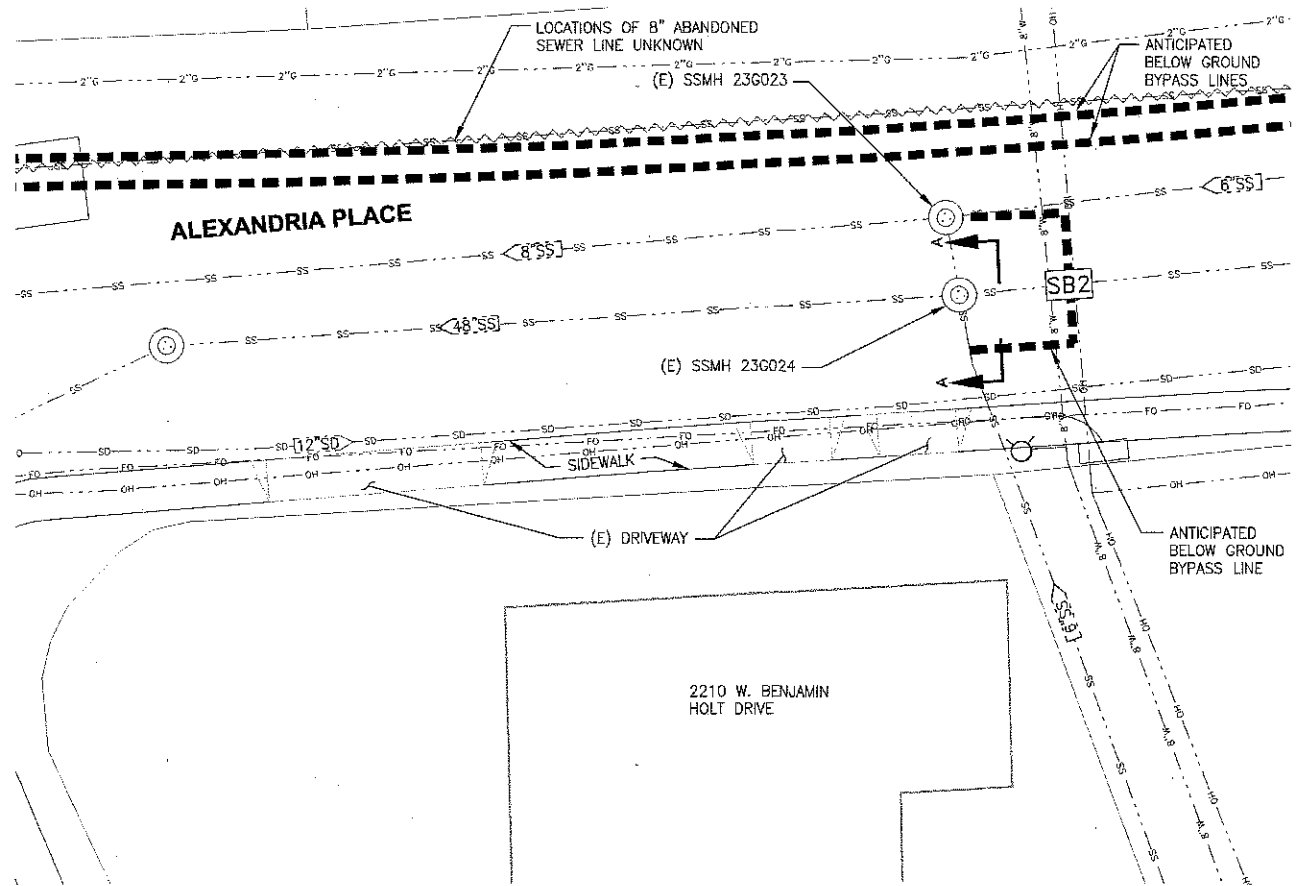


REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY

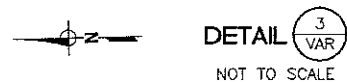


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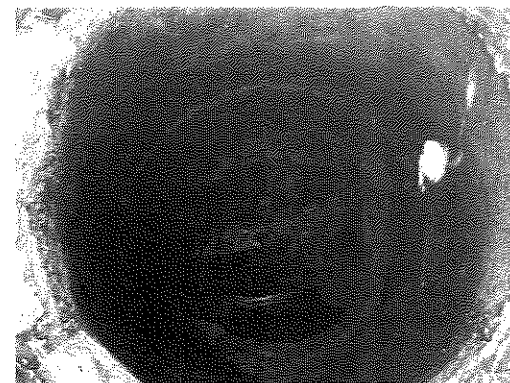


TEMPORARY BYPASS BETWEEN BENJAMIN HOLT & SHERIDAN WAY ON ALEXANDRIA PLACE

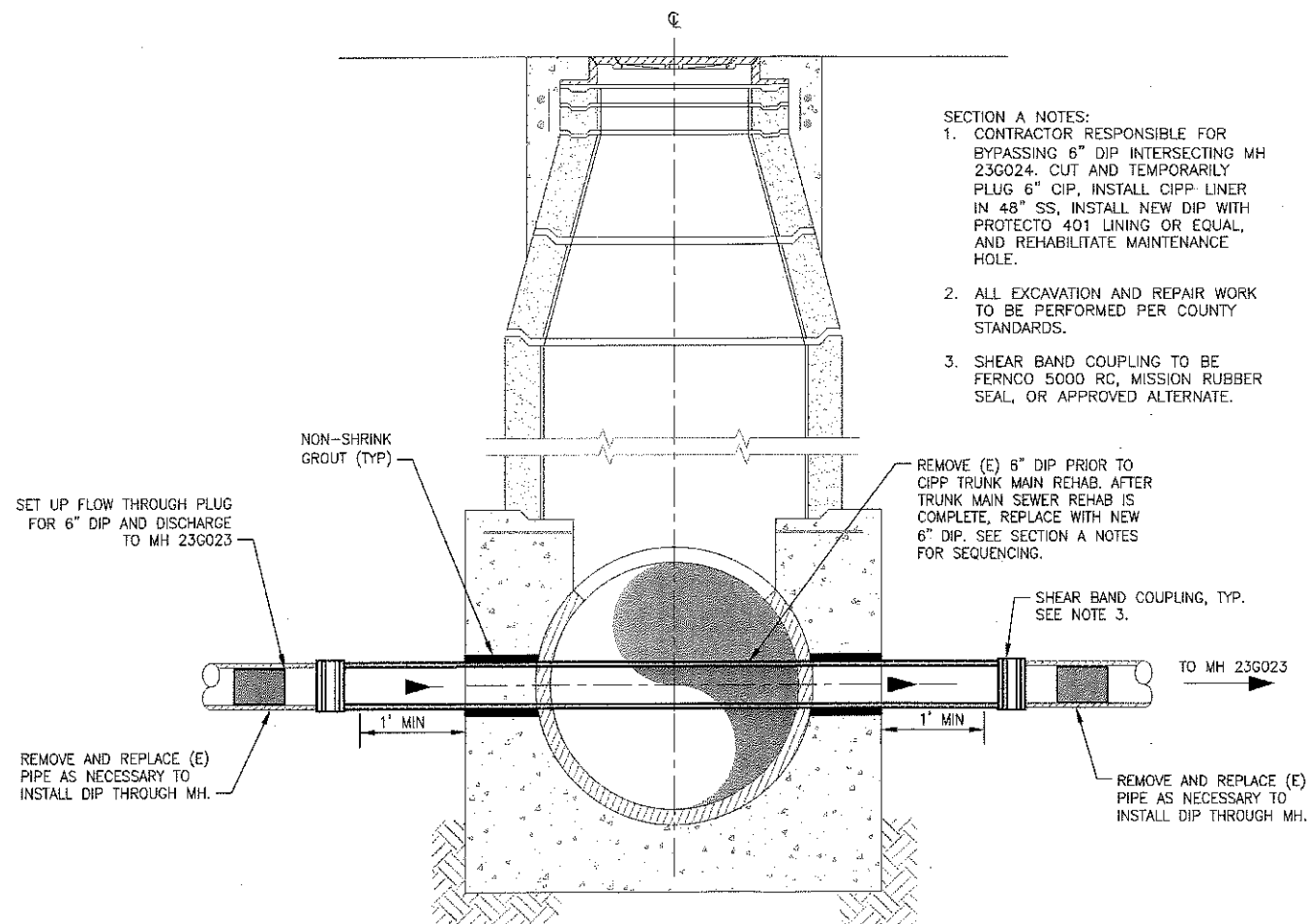


GENERAL BYPASS NOTES:

1. THIS SHEET IS FOR CONTRACTORS INFORMATION ONLY. DIAMETER AND LENGTH OF BYPASS, EQUIPMENT LOCATION AND SETUP SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR SHALL SUBMIT THEIR OWN DETAILED BYPASS PLAN PER THE CONTRACT SPECIFICATIONS FOR REVIEW AND WRITTEN APPROVAL BY THE CITY PRIOR TO THE START OF ANY CONSTRUCTION.
2. ALL PIPING ASSOCIATED WITH BYPASS PUMPING SETUP LOCATED IN ROADWAY SHALL NOT IMPEDE THE FLOW OF TRAFFIC.
3. SEE SHEET B06 FOR ADDITIONAL BYPASS DETAILS AND SEWAGE FLOW CONTROL NOTES.
4. SEE C SHEETS FOR LOCATIONS OF UNDERGROUND UTILITIES.



PLAN



- SECTION A NOTES:
1. CONTRACTOR RESPONSIBLE FOR BYPASSING 6" DIP INTERSECTING MH 23G024. CUT AND TEMPORARILY PLUG 6" DIP, INSTALL CIPP LINER IN 48" SS, INSTALL NEW DIP WITH PROTECTO 401 LINING OR EQUAL, AND REHABILITATE MAINTENANCE HOLE.
 2. ALL EXCAVATION AND REPAIR WORK TO BE PERFORMED PER COUNTY STANDARDS.
 3. SHEAR BAND COUPLING TO BE FERNCO 5000 RC, MISSION RUBBER SEAL, OR APPROVED ALTERNATE.

SECTION A

SSMH 23G024

SECTION A
NOT TO SCALE

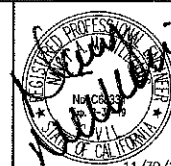
NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET ADDED TO ELEVATIONS FOR CLARITY

ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT PROJECT NO. M15001

BYPASS DETAILS 2

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 11/18	SHEET No.
DESIGNED BY: TMD/JRR		B04
DRAWN BY: JRR		16 OF 22 SHEETS
CHECKED BY: NAM	FOR REFERENCE ONLY	PROJECT No.
RECORD Dwg:	CITY ENGINEER, STOCKTON, CA	129-14-15-29

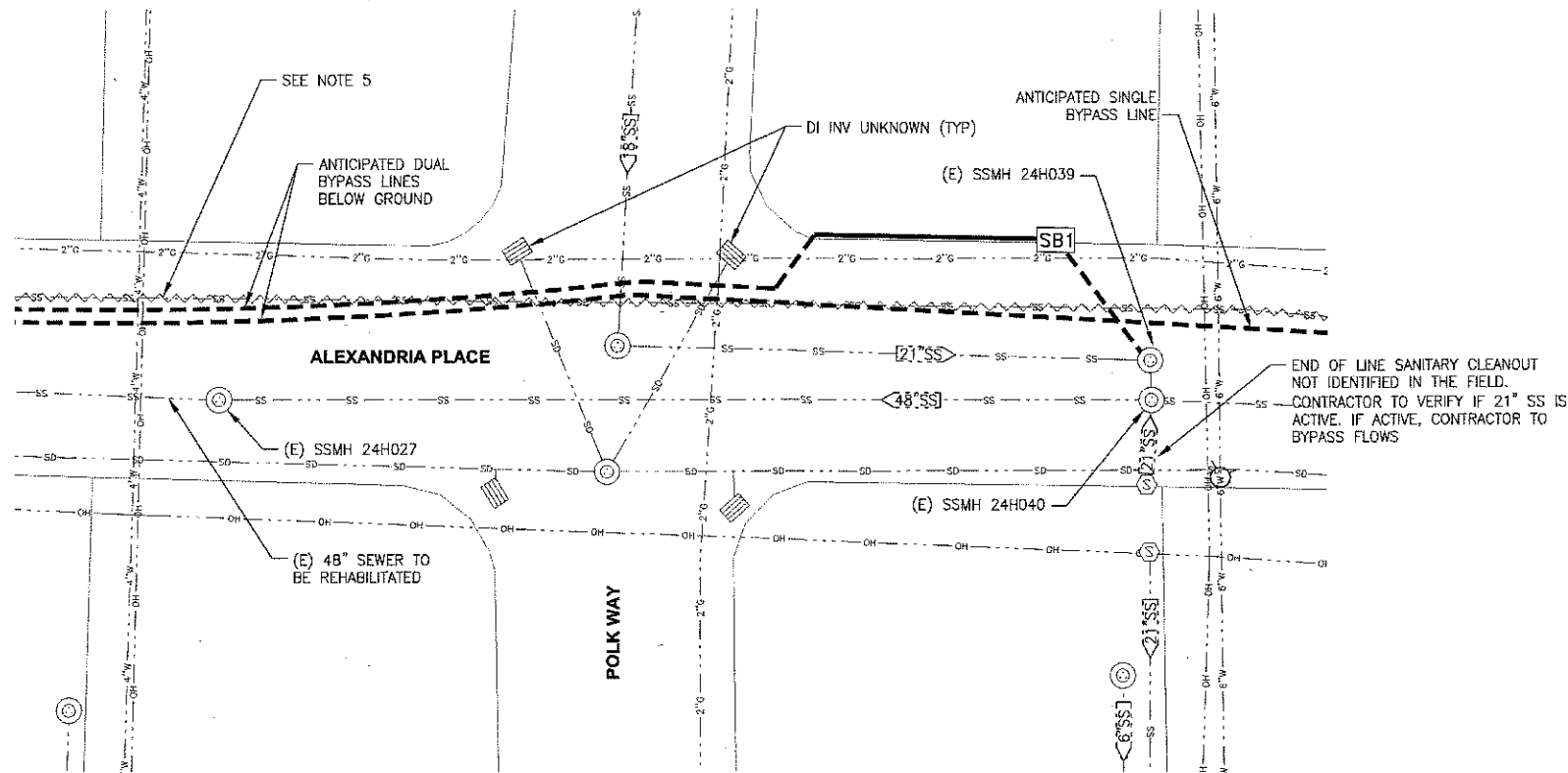


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5200.15C



TEMPORARY BYPASS AT POLK WAY AND ALEXANDRIA PLACE

DETAIL 4
B02
NOT TO SCALE

GENERAL BYPASS NOTES:

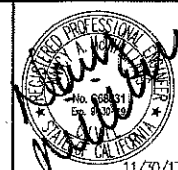
1. THIS SHEET IS FOR CONTRACTORS INFORMATION ONLY. DIAMETER AND LENGTH OF BYPASS, EQUIPMENT LOCATION AND SETUP SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR SHALL SUBMIT THEIR OWN DETAILED BYPASS PLAN PER THE CONTRACT SPECIFICATIONS FOR REVIEW AND WRITTEN APPROVAL BY THE CITY PRIOR TO THE START OF ANY CONSTRUCTION.
2. ALL PIPING ASSOCIATED WITH BYPASS PUMPING SETUP LOCATED IN ROADWAY SHALL NOT IMPEDE THE FLOW OF TRAFFIC.
3. SEE SHEET B06 FOR ADDITIONAL BYPASS DETAILS AND SEWAGE FLOW CONTROL NOTES.
4. SEE C SHEETS FOR LOCATIONS OF UNDERGROUND UTILITIES.
5. LOCATION OF ABANDONED 8" SEWER LINE IS UNKNOWN.

NOTE: MH SURVEY BASED ON NAVD 88, 100 FEET
ADDED TO ELEVATIONS FOR CLARITY

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

BYPASS DETAILS 3

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA



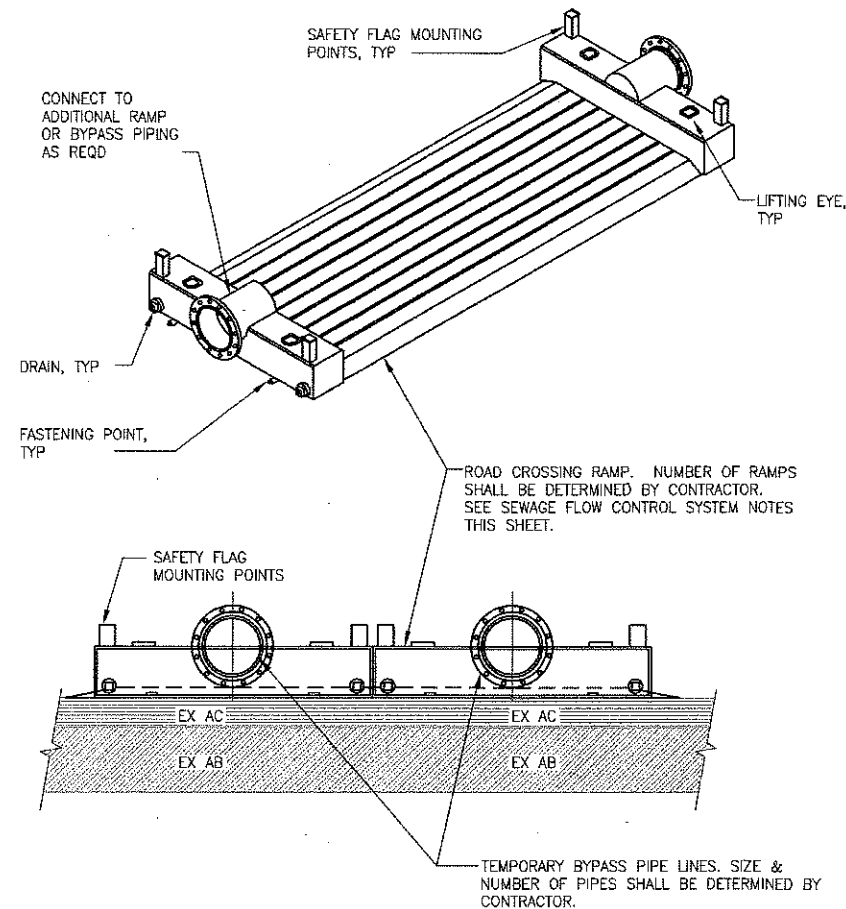
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SCALE: AS SHOWN	APPROVED BY: DATE: 11/16	SHEET No. B05
DESIGNED BY: TMD/NM		17 of 22 SHEETS
DRAWN BY: JRR	FOR REFERENCE ONLY	PROJECT No. 129-14-15-29
CHECKED BY: NAM	CITY ENGINEER, STOCKTON, CA	
RECORD Dwg.:		

5308-116 C



NOTES:

1. THIS IS AN EXAMPLE OF A ROAD CROSSING PIPE RAMP. ACTUAL RAMPS MAY VARY IN SIZE, STYLE AND/OR DESIGN. PROVIDE SEPARATE RAMPS FOR EACH LANE OF TRAFFIC. PROVIDE SEPARATE RAMPS FOR PEDESTRIAN TRAFFIC, IF REQUIRED BY AGENCY HAVING JURISDICTION. RAMP LAYOUT SHALL BE INCLUDED FOR APPROVAL AS PART OF THE TRAFFIC CONTROL PLAN.
2. CONTRACTOR SHALL SUBMIT DRAWINGS FOR RAMP INSTALLATIONS WITH BYPASS PUMPING PLANS AND TRAFFIC CONTROL PLANS TO THE CITY AND AGENCY HAVING JURISDICTION FOR APPROVAL AS SPECIFIED IN SPECIFICATION SECTION 78. RAMPS ALLOWED ON SIDE STREETS ONLY WITH APPROVAL BY THE AGENCY HAVING JURISDICTION.
3. ROAD CROSSING RAMP SHALL BE H20 TRAFFIC RATED AND SHALL BE RATED FOR POSTED SPEED LIMIT.
4. LOCATION OF RAMPS, BARRICADES, SIGNAGE, ETC SHALL BE SHOWN ON THE TRAFFIC CONTROL PLAN.
5. CONTRACTOR SHALL SECURE RAMP TO PREVENT SLIDING AND EXCESS NOISE CREATED FROM VEHICULAR TRAFFIC.
6. RAMP SHALL HAVE PRESSURE RATING SUFFICIENT TO HANDLE BYPASS PUMP PRESSURES.
7. CONTRACTOR SHALL LIMIT THE DISTURBANCE TO PAVEMENT CAUSED BY THE INSTALLATION OF THE RAMPS. IF DAMAGED, CONTRACTOR SHALL RESTORE PAVEMENT AS SPECIFIED IN SPECIFICATION SECTION 5.
8. PEDESTRIAN AND/OR BIKE TRAFFIC SHALL NOT BE IMPEDED AT ANY SIDEWALK OR BIKE PATH LOCATION. RAMPS SHALL BE INSTALLED TO MAINTAIN ACCESS.

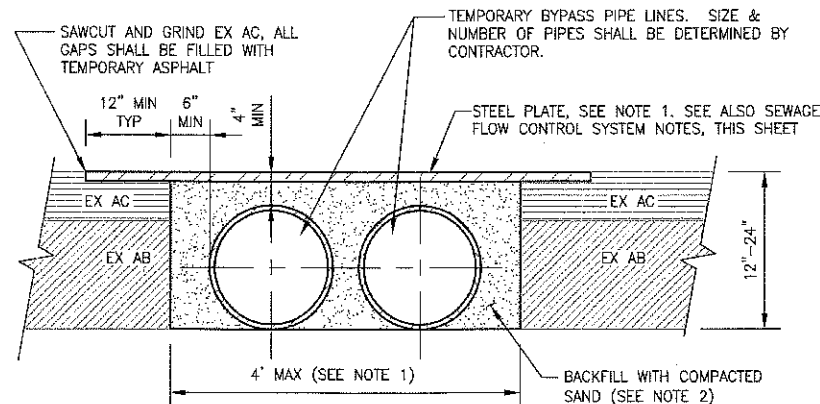
ABOVE GROUND BYPASS PIPING RAMP

DETAIL 5
VAR

NOT TO SCALE

NOTES:

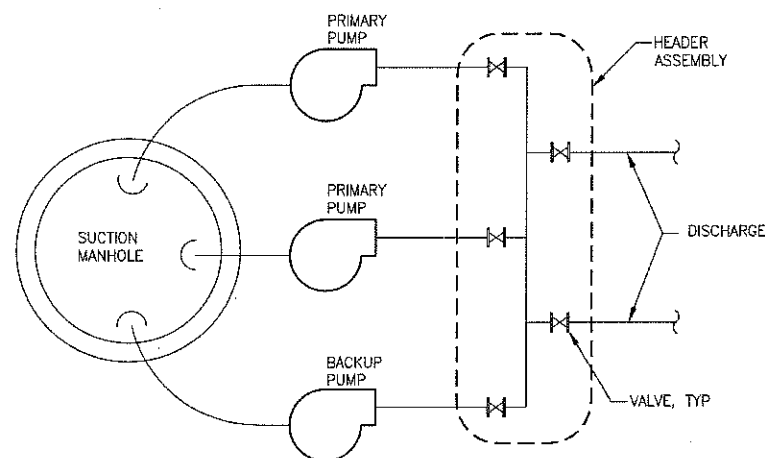
1. 1" STEEL PLATES REQUIRED FOR ALL TRENCHES 4' WIDE OR LESS. CONTRACTOR SHALL PROVIDE DESIGN CALCULATIONS, STAMPED BY ENGINEER REGISTERED IN THE STATE OF CALIFORNIA FOR PLATES SPANNING WIDTH GREATER THAN 4'.
2. BACKFILL WITH COMPACTED SAND MAY BE OMITTED UNDER THE FOLLOWING CONDITIONS:
 - A. TRENCH IS DETERMINED TO BE STABLE BY A COMPETENT PERSON OR PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR.
 - B. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT PAVEMENT DUE TO TRENCH FAILURE.
 - C. TRENCHES PARALLEL TO STREET SHALL BE LOCATED AS CLOSE AS POSSIBLE TO LIP OF GUTTER AND NOT IN WHEEL PATH.



BELOW GROUND BYPASS PIPING

DETAIL 6
VAR

NOT TO SCALE



NOTES:

1. BACKUP PUMP MUST MEET SAME SPECIFICATIONS AS LARGEST PRIMARY PUMP.
2. PUMPS AND BYPASS PIPELINES TO BE SIZED BY CONTRACTOR AND APPROVED BY CITY ENGINEER.
3. THE NUMBER OF PUMPS SHOWN IS APPROXIMATE.

TYPICAL BYPASS HEADER ASSEMBLY

DETAIL 7
VAR

NOT TO SCALE

SEWAGE FLOW CONTROL SYSTEM NOTES:

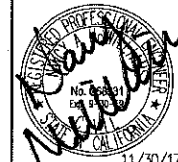
1. ALL SEWAGE FLOW CONTROL SHALL BE PERFORMED BY CONTRACTOR AS SPECIFIED IN SPECIFICATION SECTION 78. ALL BYPASS PLANS SHALL BE SUBMITTED FOR APPROVAL WITHIN THREE (3) WEEKS OF NOTICE TO PROCEED. DIVERSION OF THE FLOW UPSTREAM OF WORK SHALL BE PROVIDED BY THE CONTRACTOR.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAY RAMPS, SIDEWALKS, SIDEWALK TRANSITIONS, CROSSWALKS, STREET CROSSINGS, AND OTHER LOCATIONS TO ALLOW UNOBSTRUCTED CROSSINGS BY PEDESTRIANS, BICYCLES, AND VEHICLES. USE OF BYPASS ROAD CROSSING PIPE RAMPS WILL BE ON A CASE BY CASE BASIS AND SUBJECT TO CITY OR COUNTY APPROVAL. PEDESTRIAN RAMPS SHALL COMPLY WITH AMERICANS WITH DISABILITIES ACT REQUIREMENTS. WHERE BYPASS ROAD CROSSING PIPE RAMPS ARE USED, THEY SHALL BE INSTALLED PER DETAIL 5 ON THIS SHEET. WHERE PIPE MUST BE BELOW GROUND, IT SHALL BE BURIED PER DETAIL 6 ON THIS SHEET.
3. SEWAGE FLOW CONTROL EQUIPMENT, PIPING AND PROTECTION MEASURES SHALL BE SHOWN ON CONTRACTOR'S TRAFFIC CONTROL PLANS.
4. MULTIPLE PLATES SHALL BE SET FLUSH TO THE SUBSEQUENT PLATES, BUTTED TO EACH OTHER, AND TACK WELDED TOGETHER.
5. STEEL PLATE BRIDGING SHALL BE INSTALLED TO OPERATE WITH MINIMUM NOISE BY RECESSING PLATES IN PAVEMENT AND FILLING ALL VOIDS WITH CUTBACK.
6. STEEL PLATES USED IN THE TRAVELED WAY SHALL HAVE A SURFACE THAT WAS MANUFACTURED WITH NORMAL COEFFICIENT OF FRICTION (COF) OF 0.35. NON-SKID SURFACES SHALL BE MAINTAINED FOR DURATION OF CONSTRUCTION.
7. BYPASS SYSTEM SHALL BE DESIGNED TO CARRY 100% OF FLOWS SHOWN ON THE DRAWINGS. SEE SPECIFICATION SECTION 78 FOR STANDBY EQUIPMENT REQUIREMENTS.
8. PROTECT ALL ABOVE-GRADE PIPING FOR BYPASSING SIDE SEWERS (SEWERS LESS THAN 15" DIAMETER) WITH TYPE II BARRICADES WITH FLASHERS CONFORMING TO CALTRANS STANDARD SPECIFICATIONS. PLACE BARRICADES 3- FEET FROM PIPES AND SPACE 25- FEET ON CENTER.
9. PROTECT ALL ABOVE-GRADE PIPING FOR BYPASSING TRUNK LINE SEWERS (SEWERS 15-INCH DIAMETER OR GREATER) IN ROADWAYS WITH K-RAIL OR APPROVED ALTERNATE. PROVIDE TAPER AND CRASH CUSHIONS PER CALIFORNIA MUTCD. K-RAIL NOT REQUIRED FOR BYPASS PIPELINES LOCATED ON MEDIANS.
10. TRENCHING SHALL OCCUR IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS WITHIN CITY LIMITS AND IN ACCORDANCE WITH COUNTY STANDARDS WITHIN COUNTY LIMITS. AFTER REMOVAL OF PIPING, CONTRACTOR SHALL BACKFILL TRENCH AND RESTORE PAVEMENT IN ACCORDANCE WITH CITY OF STOCKTON STANDARD SPECIFICATIONS AND STANDARD DWG 50 WITHIN CITY LIMITS AND IN ACCORDANCE WITH SAN JOAQUIN COUNTY SPECIFICATIONS AND STANDARD DWG R-29 WITHIN COUNTY LIMITS, SEE COUNTY DETAILS ON D02.
11. SEE SPECIFICATION SECTION 78 FOR REQUIREMENTS FOR NOISE-ATTENUATED GENERATORS & PUMPING EQUIPMENT.
12. CONTRACTOR TO INSTALL PIPES TO AVOID IMMOVABLE OBJECTS SUCH AS TREES, SIGNS, AND POLES.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING ABOVE GROUND PIPELINES TO ENSURE THEY STAY IN PLACE.
14. SURCHARGING MORE THAN 3 FEET ABOVE CROWN WILL NOT BE ALLOWED.
15. ALL BYPASS PIPING SHALL BE 100% LEAK FREE.

ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001

BYPASS DETAILS 4

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 11/16/17	SHEET No.
DESIGNED BY: TMD/NM		B06
DRAWN BY: JRR		18 of 22 SHEETS
CHECKED BY: NAM	FOR REFERENCE ONLY	PROJECT No.
RECORD Dwg:	CITY ENGINEER, STOCKTON, CA	129-14-15-29

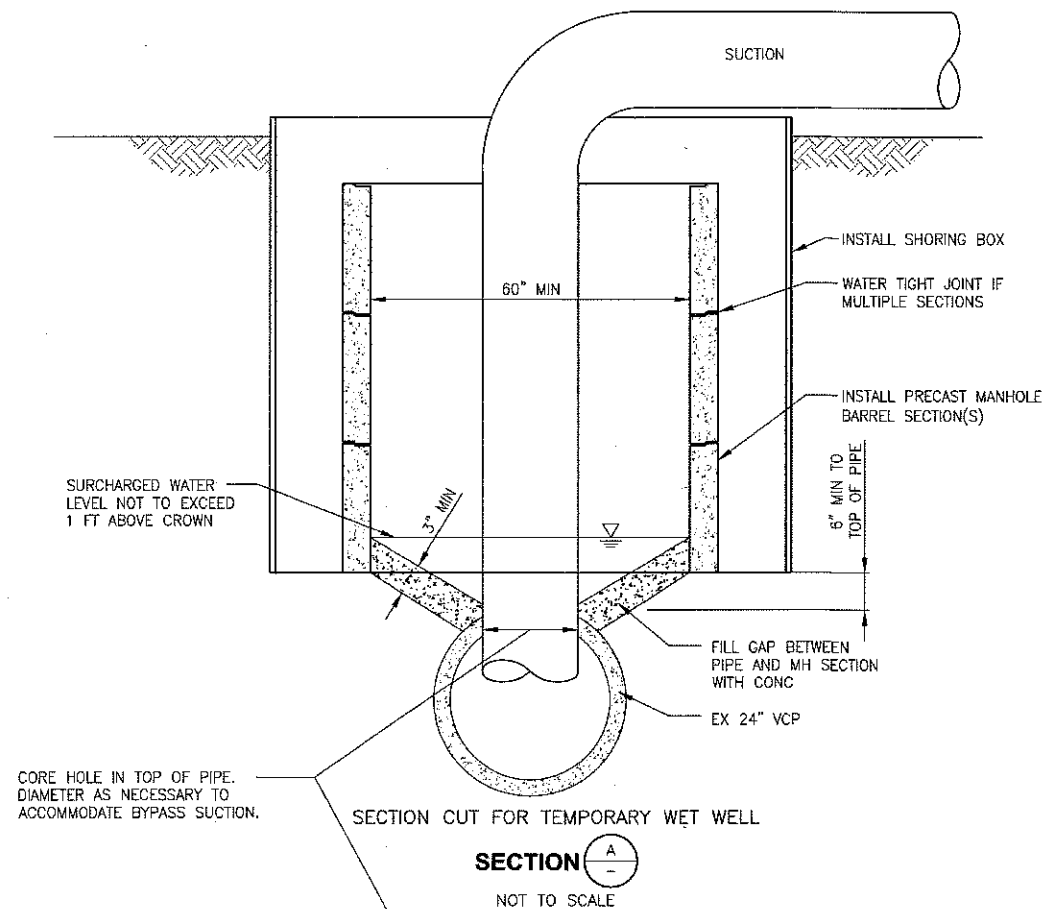


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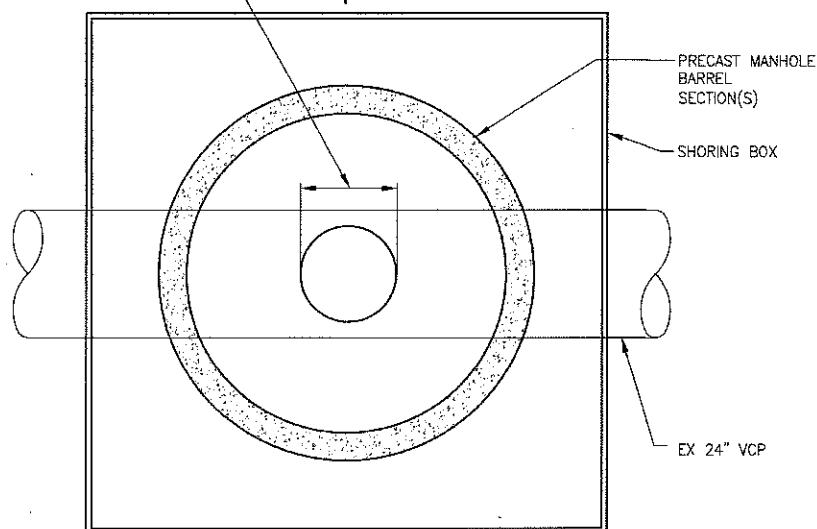
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CORE HOLE IN TOP OF PIPE.
DIAMETER AS NECESSARY TO
ACCOMMODATE BYPASS SUCTION.

SECTION CUT FOR TEMPORARY WET WELL

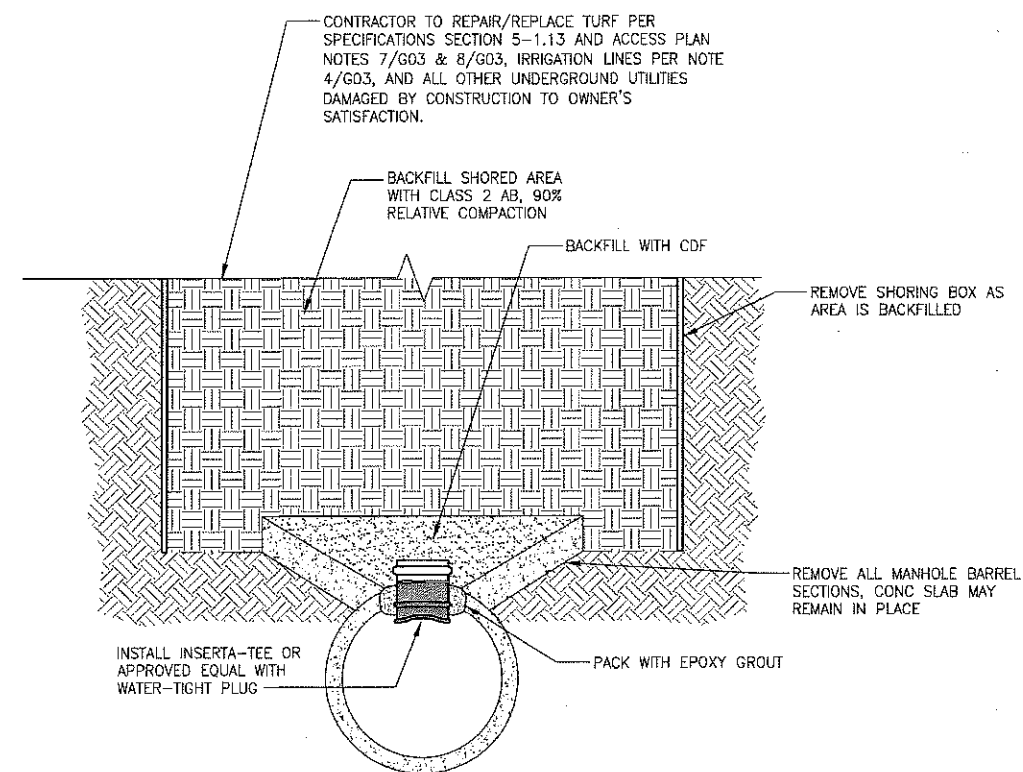
SECTION **A**
NOT TO SCALE



TEMPORARY WET WELL

DETAIL **B**
B03

NOT TO SCALE



RESTORATION OF TEMP WET WELL AFTER BYPASSING

DETAIL **9**
B03

NOT TO SCALE

**ALEXANDRIA PLACE SANITARY SEWER
REHABILITATION PROJECT
PROJECT NO. M15001**

BYPASS DETAILS 5

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: 11/18	SHEET No.
DESIGNED BY: TMD/NM		B07
DRAWN BY: JRR		19 of 22 SHEETS
CHECKED BY: NAM	FOR REFERENCE ONLY	PROJECT No.
RECORD Dwg.:	CITY ENGINEER, STOCKTON, CA	129-14-15-29



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TRAFFIC CONTROL GENERAL NOTES:

1. TRAFFIC CONTROL PLANS ARE ACCURATE FOR TRAFFIC CONTROL WORK ONLY.
2. TRAFFIC CONTROL PLANS ARE FOR CIPP LINER INSTALLATION AND CONTRACTOR'S REFERENCE ONLY. FULL TRAFFIC CONTROL PLANS FOR ALL PHASES OF WORK SHALL BE SUBMITTED WITH CONTRACTOR'S BYPASS PLANS.
3. THE CONTRACTOR SHALL MAINTAIN SOLE RESPONSIBILITY FOR THE SAFETY OF THE TRAVELING PUBLIC AND THE CONTRACTOR'S WORKERS THROUGHOUT THE CONSTRUCTION ZONE AT ALL TIMES AND THIS RESPONSIBILITY IS CONTINUOUS 24 HOURS A DAY DURING THE DURATION OF CONSTRUCTION. THE CONTRACTOR IS DIRECTED TO CONTACT THE ENGINEER OR THE CITY OF STOCKTON IN THE EVENT OF ANY CONCERN IN THE USE OF THESE PLANS AND SHALL DO SO PRIOR TO INITIATION OR USE OF THESE PLANS.
4. EXISTING ROADWAY WIDTHS WERE APPROXIMATED FROM AERIAL PHOTOGRAPHS. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ENOUGH CLEARANCE EXISTS TO PROVIDE MINIMUM 10'-WIDE TRAVEL LANES ON 2-LANE STREETS AND 11'-WIDE TRAVEL LANES ON 4-LANE STREETS WHERE IDENTIFIED OR PROVIDE FLAGGERS.
5. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MOST CURRENT VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD (CA)).
6. THE CONTRACTOR SHALL PROVIDE ADEQUATE ADVANCE NOTICE OF STREET CLOSURES AND/OR DETOURS TO ALL AFFECTED RESIDENTS AND BUSINESS OWNERS AS REQUIRED BY THE CITY OF STOCKTON AND SAN JOAQUIN COUNTY.
7. THE CONTRACTOR SHALL REVIEW THESE TRAFFIC CONTROL PLANS AND SHALL VERIFY THAT ALL OF THE SIGNAGE AND/OR CONTROLS NECESSARY TO COMPLETE THE PROJECT ARE INCLUDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL OF THE NECESSARY SIGNAGE AND/OR CONTROLS AND SHALL HAVE THE COST FOR ALL OF THE NECESSARY SIGNAGE AND/OR CONTROLS (INCLUDING THOSE THAT MAY NOT BE INCLUDED ON THESE PLANS BUT DEEMED NECESSARY BY THE CONTRACTOR) INCLUDED IN THE PRICE FOR THE TRAFFIC CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
8. ALL ADVANCE WARNING SIGNS SHALL 1) COMPLY WITH REQUIREMENTS SET FORTH IN THE 2014 MUTCD (CA), 2) MEET CURRENT RETRO-REFLECTIVITY REQUIREMENTS, AND 3) BE EQUIPPED WITH STANDARD ORANGE FLAGS (ORANGE FLAGS SHALL NOT BLOCK THE SIGN FACE).
9. CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY/COORDINATE WITH THE CITY OF STOCKTON, SAN JOAQUIN COUNTY, NEIGHBORHOOD RESIDENTS, POLICE, FIRE, TRANSIT (RTD), SCHOOL DISTRICT, U.S. POSTAL SERVICE, TRASH COMPANY, AND VARIOUS UTILITY COMPANIES PRIOR TO BEGINNING ANY TRAFFIC CONTROL AND CONSTRUCTION.
11. WHEN CONSTRUCTION IS NOT BEING PERFORMED, ALL ROADWAYS SHALL BE RETURNED TO THEIR FULL TRAFFIC USAGE BY PLACING OPEN TRENCHES AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES USED FOR TRAFFIC CONTROL OR DETOUR.
12. ALL CONES SHALL MEET MINIMUM HEIGHT REQUIREMENTS AND BE FITTED WITH RETROREFLECTIVE BANDS AS SPECIFIED IN MUTCD (CA).
13. CONTRACTOR SHALL RESTORE ANY AND ALL STRIPING, PAVEMENT MARKINGS, SIGNAGE, AND TRAFFIC SIGNAL LAMPS DAMAGED OR REMOVED DURING CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER.
14. "NO PARKING" SIGNS SHALL BE INSTALLED WHERE WARRANTED. AT LEAST 72 HOURS IN ADVANCE OF PARKING RESTRICTION.
15. CONTRACTOR WILL BE RESPONSIBLE FOR OVERNIGHT LIGHTING.
16. LOCATION OF CONSTRUCTION SIGNS ARE APPROXIMATE. EXACT LOCATIONS TO BE APPROVED BY CITY INSPECTOR.
17. FIELD CONDITIONS MAY WARRANT MODIFICATIONS TO THE TRAFFIC CONTROL PLANS. ANY MODIFICATION IS SUBJECT TO CITY APPROVAL.
18. UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIFICATIONS, ALL TEMPORARY WARNING SIGNS SHALL HAVE A BLACK LEGEND ON AN ORANGE BACKGROUND.
19. ANY PAVEMENT DELINEATION DAMAGED OR REMOVED SHALL BE RESTORED AND STRIPING SHALL BE RE-INSTALLED TO THE NEAREST PUBLIC STREET (IN BOTH DIRECTIONS).
20. WORK AT THE INTERSECTIONS OF BENJAMIN HOLT DRIVE/ALEXANDRIA PLACE AND ALEXANDRIA PLACE/LINCOLN ROAD IS ONLY ALLOWED WHEN SCHOOLS ARE NOT IN SESSION.
21. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO PROVIDE DRIVEWAY ACCESS ADJACENT TO LANE CLOSURES. SIGNS ON ROADWAY SHALL NOT BLOCK DRIVEWAYS OR SIGHT DISTANCE FOR EXISTING DRIVEWAYS.

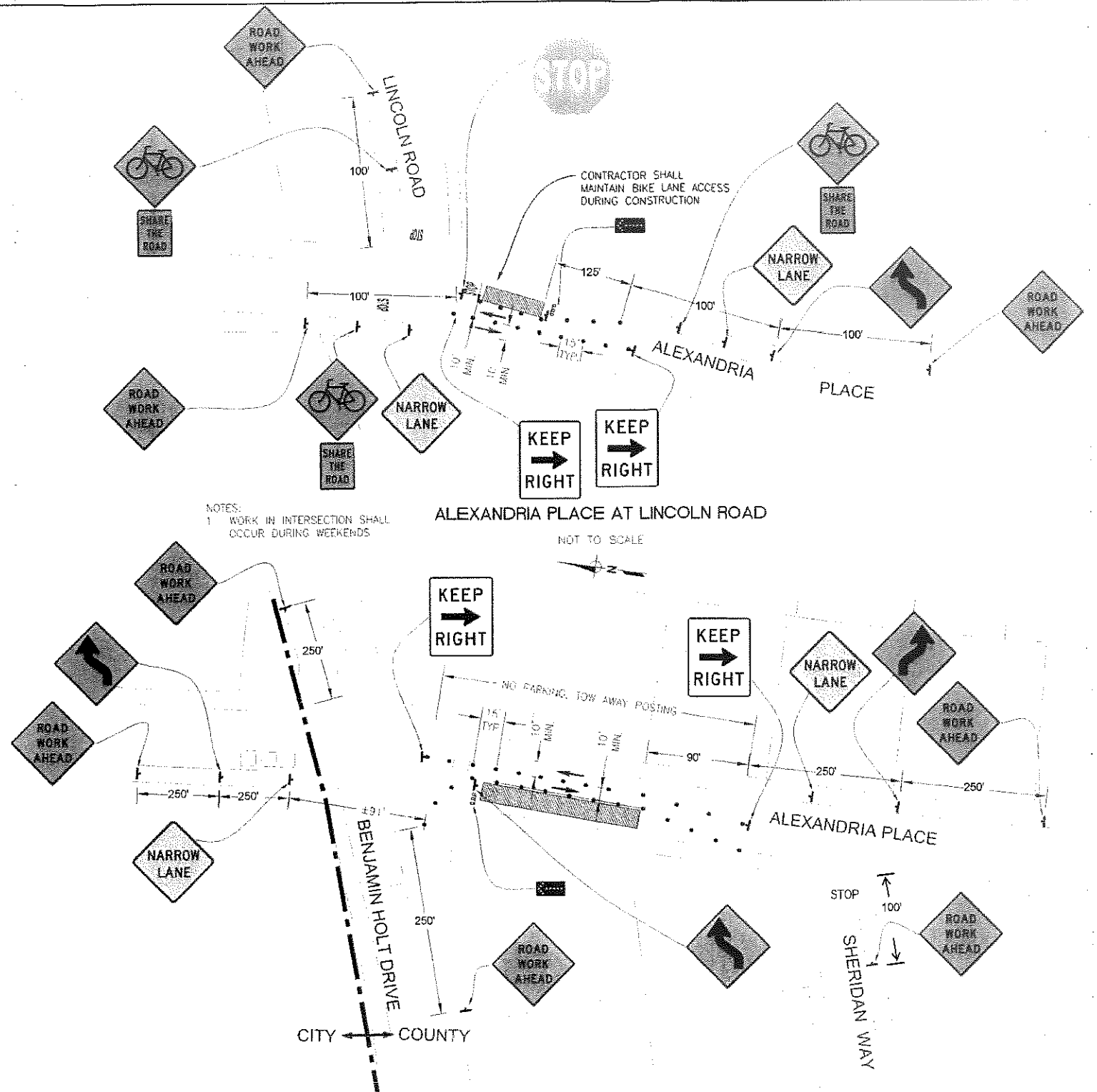
APPROACHING SPEED (MPH)	MINIMUM L* (FT)	MAX SPACING OF CONES ALONG TAPER** (FT)
25	125	25
30	180	30
35	245	35
40	320	40
45	540	45

*FOR LANE SHIFTS EQUAL TO 12'. FOR LANE SHIFTS OTHER THAN 12' AND SPEEDS LESS THAN OR EQUAL TO 40 MPH USE $WS^2/60$ WHERE "W" IS THE DISTANCE OF THE LANE SHIFT AND "S" IS THE POSTED SPEED LIMIT.
**UNLESS NOTED OTHERWISE

APPROACHING SPEED (MPH)	A (FT)	B (FT)	C (FT)
25 OR LESS	100	100	100
>25 TO 40	250	250	250
MORE THAN 40	350	350	350

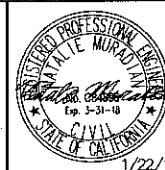
APPROACHING SPEED (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425

	DIRECTION OF TRAVEL
	PORTABLE DELINEATORS
	CONSTRUCTION SIGN
	TYPE III BARRICADE
	FLASHING ARROW SIGN (FAS), TYPE I OR TYPE II
	FAS SUPPORT OR TRAILER
	PORTABLE FLASHING BEACON
	CHANGEABLE MESSAGE SIGN
	EXISTING STRIPE
	FLAGGER
	WORK AREA/EQUIPMENT SETUP
	BLACK LEGEND ON WHITE BACKGROUND
	SHADED SIGNS SHALL BE A BLACK LEGEND ON ORANGE BACKGROUND.



- NOTES:
1. WORK IN INTERSECTION SHALL OCCUR DURING WEEKENDS.
 2. CONTRACTOR TO COORDINATE WITH THE CITY TRAFFIC DEPARTMENT AT LEAST ONE WEEK PRIOR TO CONSTRUCTION FOR CHANGES TO TRAFFIC SIGNAL TIMING AND OPERATION.

NOT TO SCALE



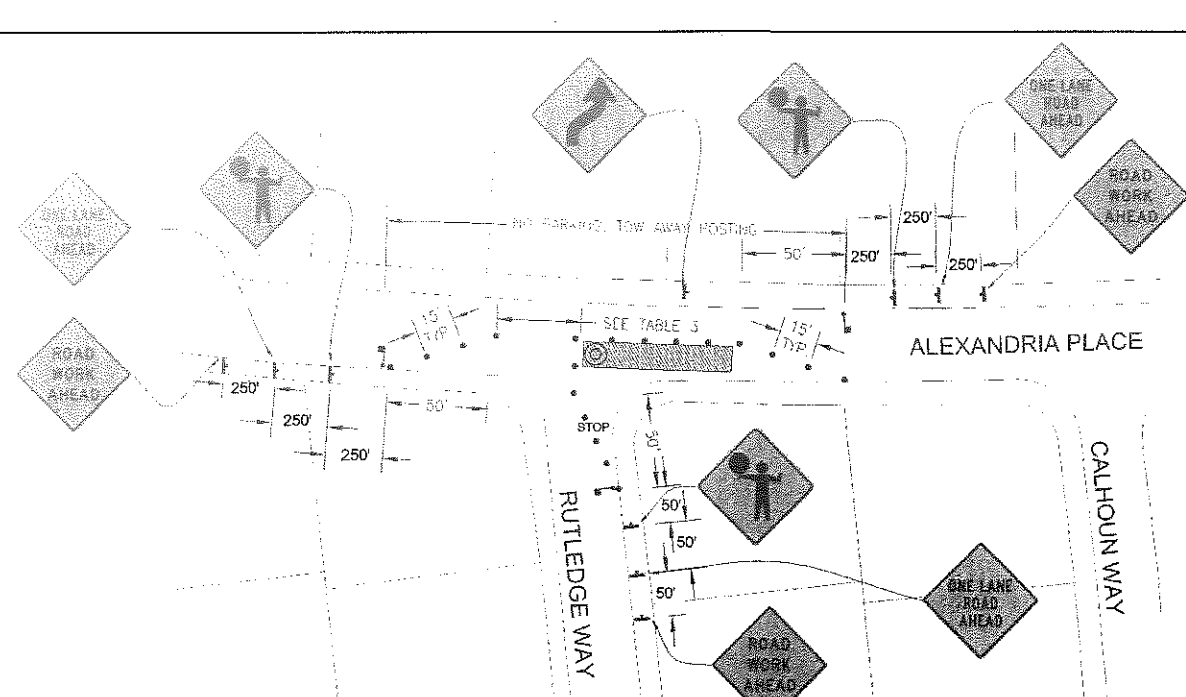
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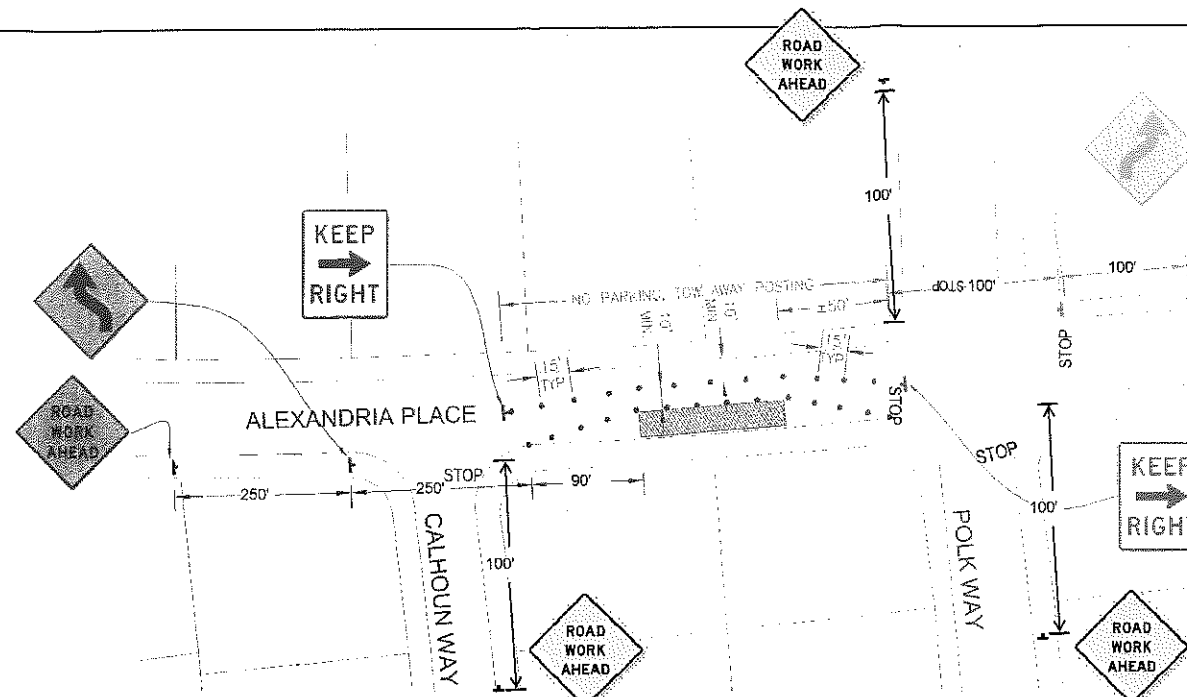
ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT PROJECT NO. M15001		
TRAFFIC CONTROL PLAN 1		
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		
SCALE: AS SHOWN	APPROVED BY: DATE: 1/22/18	SHEET No. TC01
DESIGNED BY: TMD/NM		20 of 22 SHEETS
DRAWN BY: JRP		PROJECT No. 129-14-15-29
CHECKED BY: NAM		
RECORD Dwg.:		

5306.19C



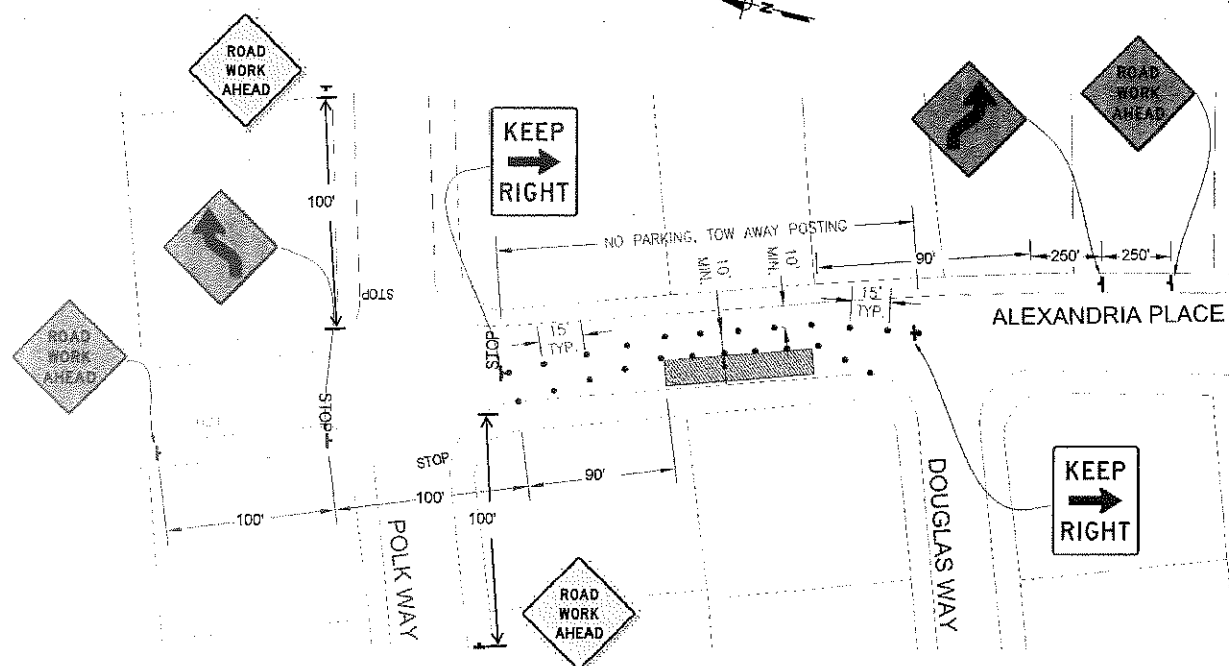
ALEXANDRIA PLACE AT RUTLEDGE WAY

NOT TO SCALE



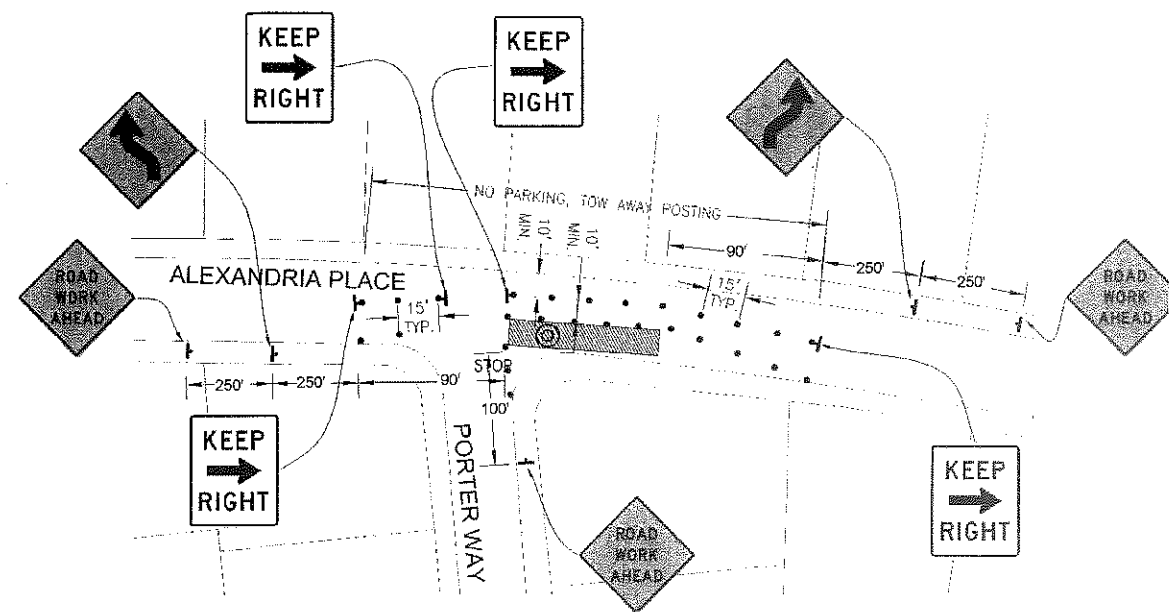
ALEXANDRIA PLACE BETWEEN CALHOUN WAY AND POLK WAY

NOT TO SCALE



ALEXANDRIA PLACE BETWEEN POLK WAY AND DOUGLAS WAY

NOT TO SCALE



ALEXANDRIA PLACE AT PORTER WAY

NOT TO SCALE

NOTE: SEE SHEET TC01 FOR GENERAL NOTES, LEGEND, TAPER LENGTHS, AND ADVANCE WARNING SIGN DISTANCES.

ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT PROJECT NO. M15001	
TRAFFIC CONTROL PLAN 2	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE: AS SHOWN DESIGNED BY: TMD/HM DRAWN BY: JRR CHECKED BY: NAM RECORD Dwg.:	APPROVED BY: DATE: 1/22/18 CITY ENGINEER, STOCKTON, CA
SHEET No. TC02 21 of 22 SHEETS PROJECT No. 129-14-15-29	

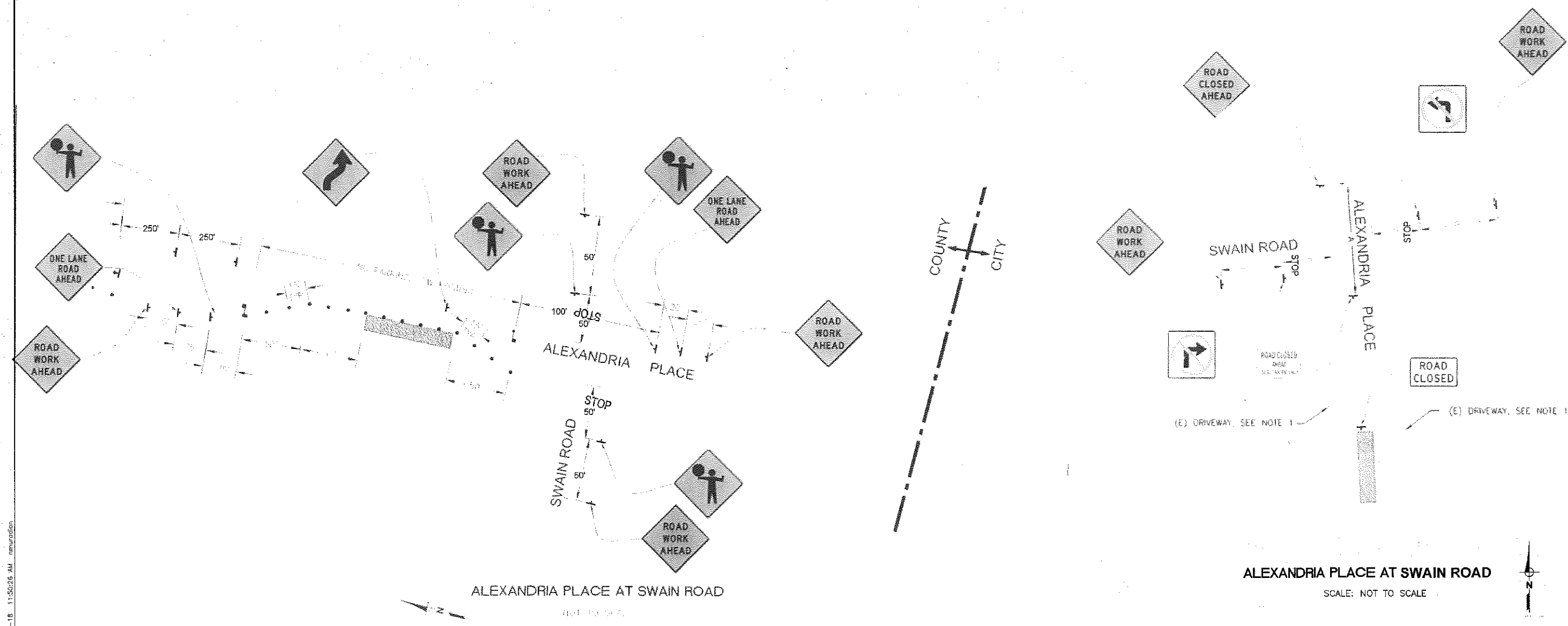


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ALEXANDRIA PLACE AT SWAIN ROAD

ALEXANDRIA PLACE AT SWAIN ROAD

SCALE: NOT TO SCALE

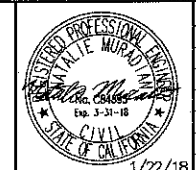
- NOTES:
1. ACCESS FOR LOCAL AND PEDESTRIAN/BIKE TRAFFIC SHALL BE MAINTAINED. COORDINATE WITH FIRE DEPARTMENT AND LOCAL RESIDENTS AT LEAST TWO WEEKS PRIOR TO ALEXANDRIA PLACE CLOSURE.
 2. SEE SHEET TC01 FOR GENERAL NOTES, TAPER LENGTHS, AND ADVANCE WARNING SIGN DISTANCES.

Underground Service Alert




TWO DAYS
BEFORE
YOU DIG

Call TOLL FREE: 1-800-277-2600



REV. NO.	DESCRIPTION	DATE	BY	APPROVED BY

WEST YOST ASSOCIATES



2020 Research Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5991

ALEXANDRIA PLACE SANITARY SEWER REHABILITATION PROJECT			
PROJECT NO. M15001			
TRAFFIC CONTROL PLAN 3			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY: DATE: 1/22/18	SHEET No.	
DESIGNED BY: TMD/NM		TC03	
DRAWN BY: JRR		22 of 22 SHEETS	
CHECKED BY: NAM		PROJECT No. 129-14-15-29	
RECORD Dwg.:	CITY ENGINEER, STOCKTON, CA		

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