

MONTHLY REPORT #2



County of Maui
Department of Public Works
Engineering Division

Kea Street Pavement
Reconstruction
Kahului, Maui, Hawaii

Submitted By:

SSFM
INTERNATIONAL

82 Pulehu Place, Unit 201
Kahului, Maui, HI 96732

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PROJECT SUMMARY

Project Title:	Kea Street Pavement Reconstruction
Project Location:	Kahului, Maui, Hawaii
Project Number:	STP-0900(093)
Project Summary:	The project involves excavating the existing pavement to subgrade and reconstructing a new pavement section consisting of aggregate subbase, hot mix asphalt base course, and hot mix asphalt pavement (mix V); demolishing and replacing the existing concrete sidewalks and ramps; reconstructing monuments; adjusting valve boxes and manhole frames and covers; installing new pavement markings, signage and reflective markers.
Contractor:	Maui Paving, LLC 949 Kamokila Blvd., Suite 100 Kapolei HI 96707

BUDGET

Contract

Contract Number:	C6861
Notice to Proceed:	November 18, 2019
Original Completion Date:	September 8, 2020
Original Amount:	\$ 2,177,779.00
Approved Change Orders:	\$0.00
Current Amount:	\$ 2,177,779.00
Contract Duration:	200 Working Days
Time Extensions Approved:	N/A
Time Extensions Pending:	N/A
Revised Contract Time:	N/A
Revised Contract Completion Date:	N/A

Construction Progress

Total Work to Date:	\$ 764,126.66 (Pay App 03)
Retainage to Date:	\$ 0.00
Total Earned Less Retainage:	\$ 764,126.66
Previous Payments:	\$ 234,421.76
Payment Now Due (Jan):	\$ 529,704.90
Previous (Dec.) Payment:	\$ 159,164.54
Balance to Finish (incl. Retainage)	\$ 1,413,653.34
Days Remaining:	150
Time Elapsed:	50
Unworkable Days:	1
Project % Time Elapsed (Jan):	25.0%
Project % Complete (Jan):	35.1%
Ahead or Behind Schedule:	Ahead

STATUS

Change Proposal Log

CP No.	Description	Cost	Time Extension	Status
	N/A			
	TOTALS	\$		

Change Proposal Summary

Submitted to Date: \$0.00
Approved to Date \$0.00

Change Order Log

CP No.	Description	Cost	Time Extension	Status
	N/A			
	TOTALS	\$		

Change Order Summary

Submitted to Date: \$0.00
Approved to Date: \$0.00

PROJECT LOGS

Request for Information

Submitted: 1 thru 10

Closed: 1 thru 10

Outstanding: 0

Submittals

Submitted: JC 1 thru 12

Approved: JC 1-4, 7-9, 11-12

Outstanding: JC 5-6 – The JC has been submitted to Hwy-L and is under review. JC 10 Material will not be used and will be voided.

Complaints

No.	Description	Initiated Date	Closed Date	Notes
1	Pothole fronting private driveway	12/26/19	12/26/19	Contractor backfilled "pothole"
2	Access to driveway	1/28/20	1/28/20	Resident complained that they did not have access to their driveway, and the contractors notice handed out only said no parking on the roadway and nothing about access. Reached out to resident and listened to concerns. Addressed concerns with contractor. Informed Contractor they need to inform all residents of limited access during construction and provide access to driveways at all times, unless arrangement are agreed to with resident. In addition, the resident's driveway was damaged during the installation of the new

				sidewalk, Contractor will repair damages.
3	String line injury	2/20/20	2/20/20	At the end of January, (complaint recently received). A resident was injured stepping over a string ling left in-place. The injury was not serious but wanted to let the County know of the hazard. Informed contractor that the string line should not be left overnight, and every precaution should be taken to provide safe access to pedestrian and public. Contractor will remind his workers and review in their safety meeting.

WORK ACCOMPLISHED

Construction Completed

- Completed removal of existing sidewalks, Thru gutters Curb Ramps, verifying and lowering water lines, cut and plug sewer lateral and 90% sidewalks.

Soils Monitoring, Testing and Compaction Results

- Ongoing.

Other Inspections and Monitoring

- N/A

CRITICAL ISSUES

- Replacement of 1 curb ramp. Non-Compliant concrete mix used for construction. Curb ramp will be replaced by contractor.

CONTRACTOR Non-Working Days

- 12/6/19, 2/6, 2/7, 2/10 and 2/11/20 – Total 5 Days of Inclement weather.

GENERAL OBSERVATIONS

- A. Site Environmental Clearance
Completed/Not Completed/**N/A**.
- B. Temporary Construction Facilities:
Completed/Not Completed/**In Process**
- C. Site Improvement and Earthwork
Completed/Not Completed/**In Process**
- D. Landscaping
Completed/Not Completed/**N/A**
- E. Underground Utilities
Completed/Not Completed/N/A
- F. Structure
Completed/Not Completed/**In Process**/N/A
- G. Look-Ahead to Project Close-out
 - 1) Punch list items: **N/A**.
 - 2) Warranty items: **N/A**.
- H. Value Engineering:
 - 1) VE Savings to date: **N/A**.
 - 2) Non-VE Savings to date: **N/A**.

QUALITY ASSURANCE –COMPLIANCE

QA Sampling/Testing are current and in compliance.

SAFETY ISSUES/QUALITY ISSUES

Safety meeting conducted weekly. Reminded contractor of project site “housekeeping”.

OUTSTANDING ITEMS

Submittal process ongoing



Contractor continuing to excavate for new sidewalk at Sta. 13+00Lt.



Contractor verifying grade heights with 6-foot level at Sta. 12+00 on Kea Street.



Contractor started pouring 5-foot sidewalk at Sta. 3+00Lt on Kea Street.



Contractor and gas company is lowering existing gas line at Sta. 12+25Lt.



Contractor continued roadway excavation at Sta. 20+75Lt.



Masons placed a broom finish for sidewalk at Sta. 13+50Lt.



Contractor using 12-ton roller to compact asphalt base course at Sta. 1+00Lt.



Contractor removing sewer manhole frame and cover at Sta. 2+25Rt on Kea Street.



Contractor applying tack coat to base course prior to installation of asphalt.



Contractor placing temporary cross walk at Sta. 6+50Rt.



Geolab's performing compaction test to fresh asphalt at Sta. 7+50Lt on Kea Street.



Contractor applying temporary striping on centerline of the roadway within paving limits.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(093)	2019	15	45

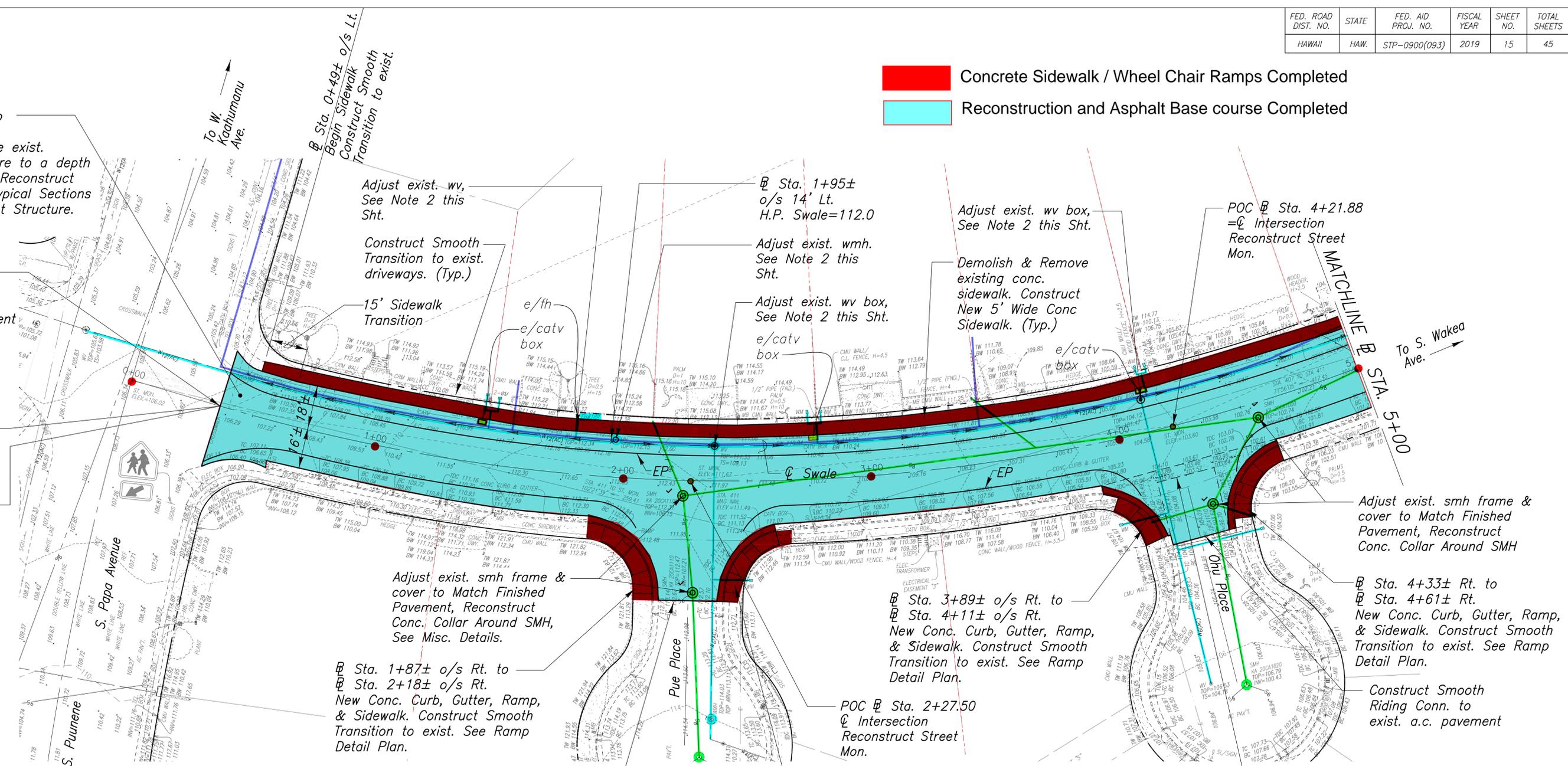
Concrete Sidewalk / Wheel Chair Ramps Completed

Reconstruction and Asphalt Base course Completed

Sta. 0+37± to Sta. 30+15±
Scarify & Remove exist. pavement structure to a depth of 12 1/2" and Reconstruct Pavement. See Typical Sections for New Pavement Structure. (Grayed Hatch)

Sta. 0+37± Construct Smooth Riding Conn. to exist. a.c. pavement

BEGIN PROJECT PROJECT NO. STP-0900(093) Sta. 0+37±



Adjust exist. wv, See Note 2 this Sht.

Construct Smooth Transition to exist. driveways. (Typ.)

15' Sidewalk Transition

e/fh e/catv box

Sta. 1+95± o/s 14' Lt. H.P. Swale=112.0

Adjust exist. wmh. See Note 2 this Sht.

Adjust exist. wv box, See Note 2 this Sht.

e/catv box

Adjust exist. wv box, See Note 2 this Sht.

Demolish & Remove existing conc. sidewalk. Construct New 5' Wide Conc Sidewalk. (Typ.)

POC Sta. 4+21.88 = Intersection Reconstruct Street Mon.

Matchline Sta. 5+00

Adjust exist. smh frame & cover to Match Finished Pavement, Reconstruct Conc. Collar Around SMH

Adjust exist. smh frame & cover to Match Finished Pavement, Reconstruct Conc. Collar Around SMH, See Misc. Details.

Sta. 1+87± o/s Rt. to Sta. 2+18± o/s Rt. New Conc. Curb, Gutter, Ramp, & Sidewalk. Construct Smooth Transition to exist. See Ramp Detail Plan.

Construct Smooth Riding Conn. to exist. a.c. pavement

Sta. 3+89± o/s Rt. to Sta. 4+11± o/s Rt. New Conc. Curb, Gutter, Ramp, & Sidewalk. Construct Smooth Transition to exist. See Ramp Detail Plan.

POC Sta. 2+27.50 Intersection Reconstruct Street Mon.

Sta. 2+38± o/s Rt. to Sta. 2+62± o/s Rt. New Conc. Curb, Gutter, Ramp, & Sidewalk. Construct Smooth Transition to exist. See Ramp Detail Plan.

Sta. 4+33± Rt. to Sta. 4+61± Rt. New Conc. Curb, Gutter, Ramp, & Sidewalk. Construct Smooth Transition to exist. See Ramp Detail Plan.

Construct Smooth Riding Conn. to exist. a.c. pavement

Sta. 3+90± o/s Rt. to Sta. 4+60± o/s Rt. Demolish & Remove exist Conc thru gutter & apron (Dashed)

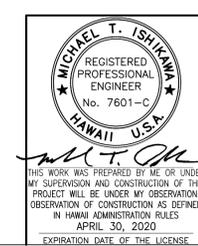
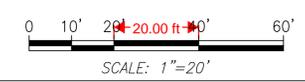
Notes:

- Contractor Shall Verify The Location of existing DWS valves and manholes, and sewer manholes Prior to The Start of Construction.
- All Water Valves and Water Manhole Concrete Collars within the Project Limits Shall be Demolished and Reconstructed (Whether Collars Originally Exist or Not) Per DWS Standard Detail V12 and V23 Respectively. For Water Valves within the Sidewalk, Concrete Collars are not Required to be Reconstructed. The Valve Box Riser and Cover shall also be Replaced for all Water Valves within the Project Limits. Cost of the Replacement shall be incidental to Item No. 626.1030 Adjusting Water Valve Box Frame and Cover.
- Refer to Miscellaneous Details for Sidewalk Transition at existing catv box.



DETAIL PLAN OF ROADWAY

Sta. 0+37± TO 5+00

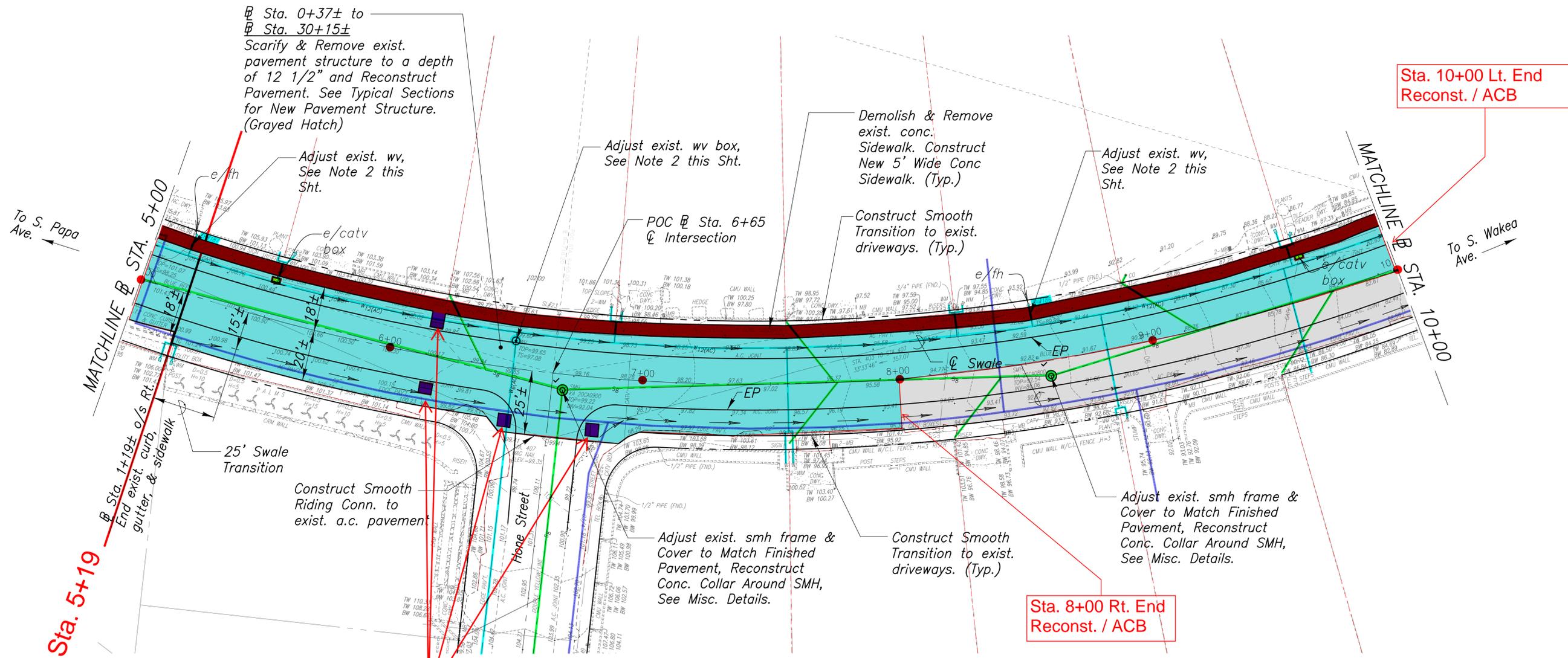


COUNTY OF MAUI DEPARTMENT OF PUBLIC WORKS WAILUKU, MAUI, HAWAII		Date: 4/23/2019 Design By: M.I. Drawn By: R.K.
KEA STREET PAVEMENT RECONSTRUCTION S. PAPA AVENUE TO S. WAKEA AVENUE STP-0900(093)		SHEET
ROADWAY PLAN-1 STA. 0+37± TO 5+00		C-14 of 45 Sheets

PROJ. NO.: M1801-00
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(093)	2019	16	45

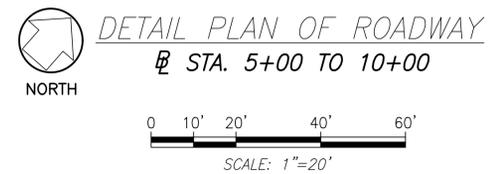
- Concrete Sidewalk Completed
- Reconstruction and Asphalt Base course Completed



Notes:

1. Contractor Shall Verify The Location of exist. DWS valves and manholes, and sewer manholes Prior to The Start of Construction.
2. All Water Valves and Water Manhole Concrete Collars within the Project Limits Shall be Demolished and Reconstructed (Whether Collars Originally Exist or Not) Per DWS Standard Detail V12 and V23 Respectively. For Water Valves within the Sidewalk, Concrete Collars are not Required to be Reconstructed. The Valve Box Riser and Cover shall also be Replaced for all Water Valves within the Project Limits. Cost of the Replacement shall be incidental to Item No. 626.1030 Adjusting Water Valve Box Frame and Cover.
3. Refer to Miscellaneous Details for Sidewalk Transition at exist. catv box.
4. Refer to intersection Plans for Additional Improvements at the Home Street Intersection.

Concrete pads not installed

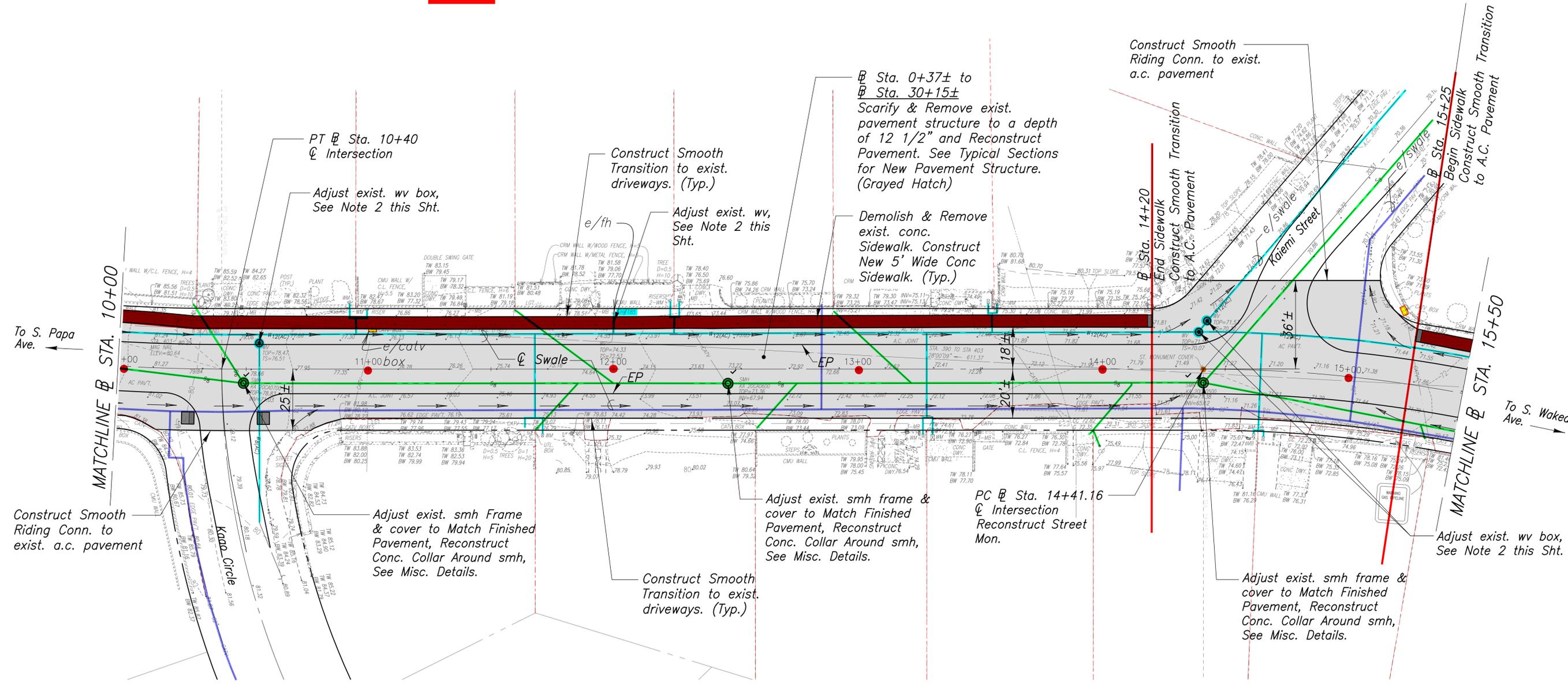


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	KEA STREET PAVEMENT RECONSTRUCTION S. PAPA AVENUE TO S. WAKEA AVENUE STP-0900(093)	ROADWAY PLAN-2 STA. 5+00 TO 10+00

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(093)	2019	17	45

Concrete Sidewalk Completed

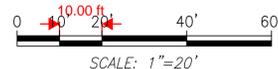


Notes:

- Contractor Shall Verify The Location of exist. DWS valves and manholes, and sewer manholes Prior to The Start of Construction.
- All Water Valves and Water Manhole Concrete Collars within the Project Limits Shall be Demolished and Reconstructed (Whether Collars Originally Exist or Not) Per DWS Standard Detail V12 and V23 Respectively. For Water Valves within the Sidewalk, Concrete Collars are not Required to be Reconstructed. The Valve Box Riser and Cover shall also be Replaced for all Water Valves within the Project Limits. Cost of the Replacement shall be incidental to Item No. 626.1030 Adjusting Water Valve Box Frame and Cover.
- Refer to Miscellaneous Details for Sidewalk Transition at exist. catv box.



DETAIL PLAN OF ROADWAY
@ STA. 10+00 TO 15+50

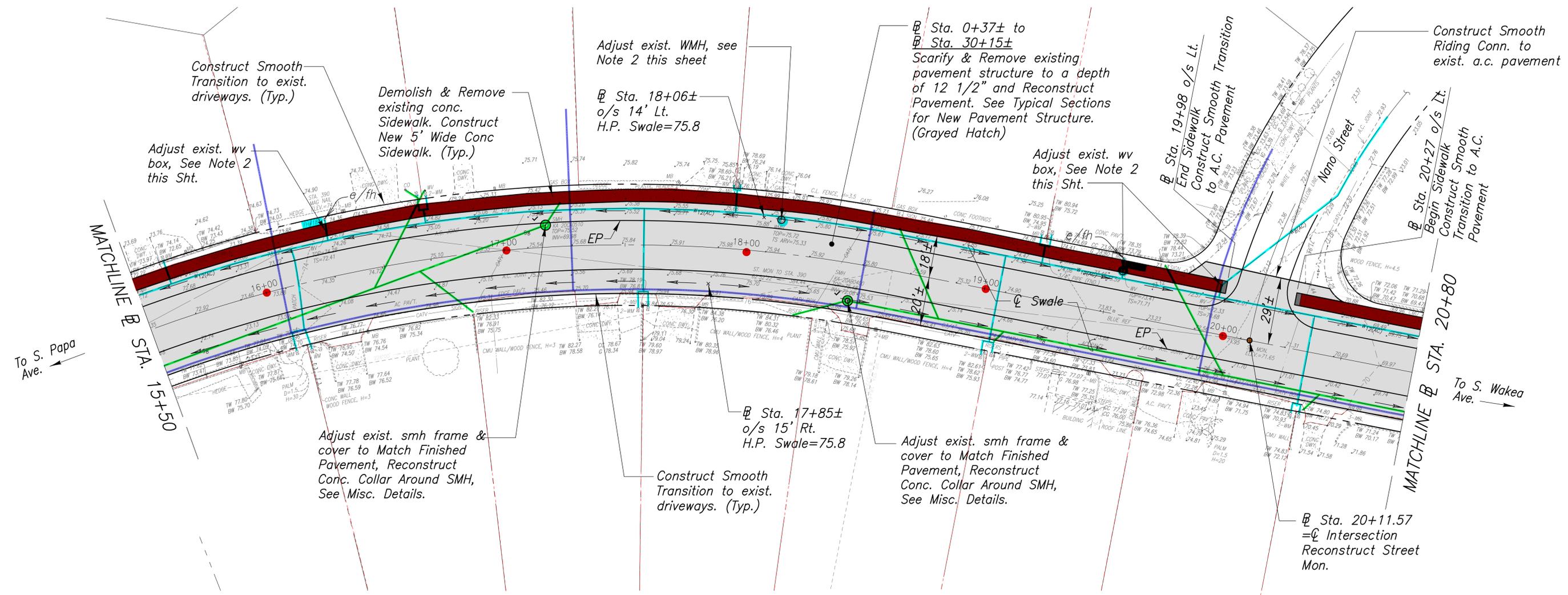


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	KEA STREET PAVEMENT RECONSTRUCTION S. PAPA AVENUE TO S. WAKEA AVENUE STP-0900(093)	
ROADWAY PLAN-3 STA. 10+00 TO 15+50		C-16 of 45 Sheets

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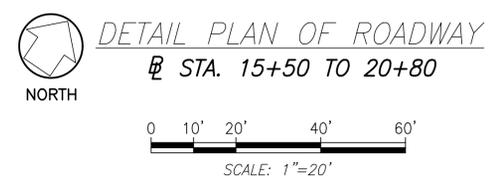
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(093)	2019	18	45

Concrete Sidewalk Completed



Notes:

- Contractor Shall Verify The Location of existing DWS valves and manholes, and sewer manholes Prior to The Start of Construction.
- All Water Valves and Water Manhole Concrete Collars within the Project Limits Shall be Demolished and Reconstructed (Whether Collars Originally Exist or Not) Per DWS Standard Detail V12 and V23 Respectively. For Water Valves within the Sidewalk, Concrete Collars are not Required to be Reconstructed. The Valve Box Riser and Cover shall also be Replaced for all Water Valves within the Project Limits. Cost of the Replacement shall be incidental to Item No. 626.1030 Adjusting Water Valve Box Frame and Cover.
- Refer to Miscellaneous Details for Sidewalk Transition at existing catv box.

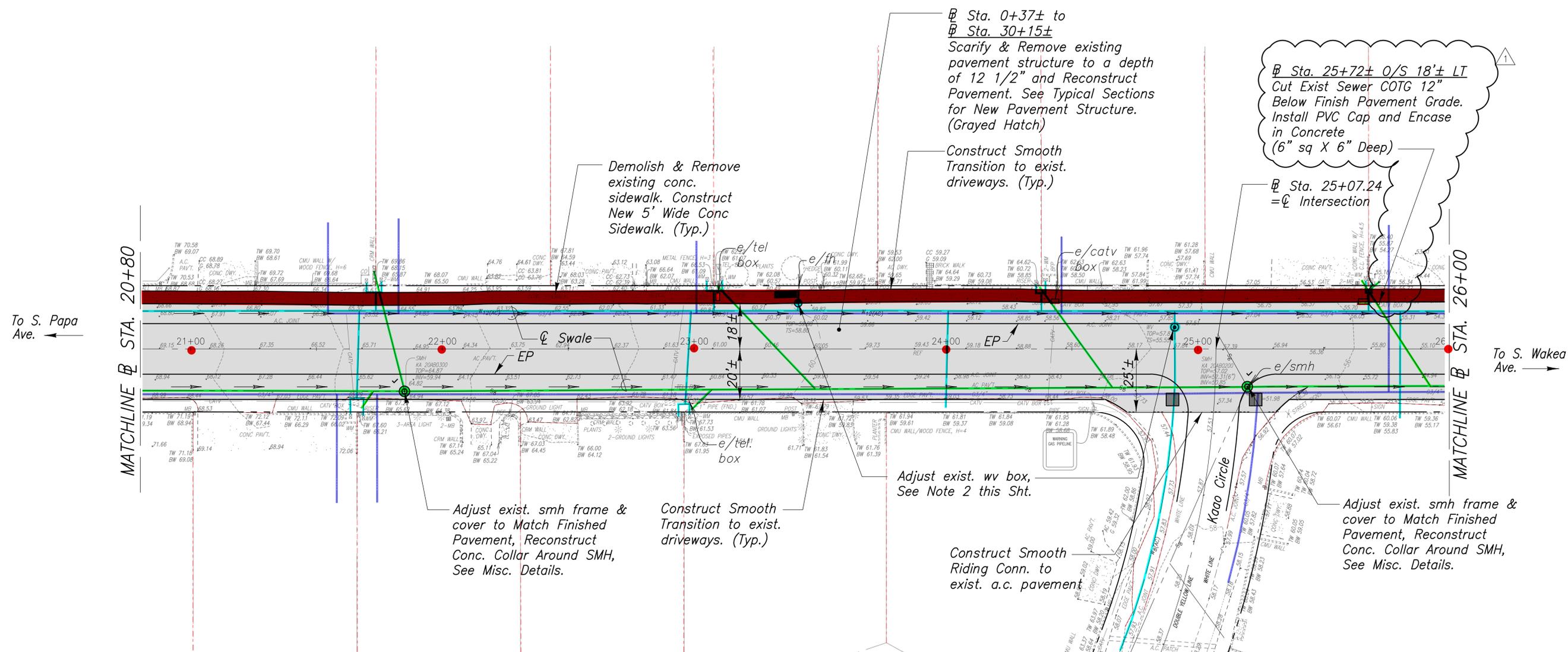


	COUNTY OF MAUI DEPARTMENT OF PUBLIC WORKS WAILUKU, MAUI, HAWAII	Date: 4/23/2019
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ROADWAY PLAN-4 STA. 15+50 TO 20+80		SHEET C-17 of 45 Sheets

PROJ. NO.: M1801-00
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(09.3)	2019	19	45

Concrete Sidewalk Completed



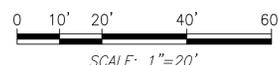
Notes:

- Contractor Shall Verify The Location of existing DWS valves and manholes, and sewer manholes Prior to The Start of Construction.
- All Water Valves and Water Manhole Concrete Collars within the Project Limits Shall be Demolished and Reconstructed (Whether Collars Originally Exist or Not) Per dws Standard Detail V12 and V23 Respectively. For Water Valves within the Sidewalk, Concrete Collars are not Required to be Reconstructed. The Valve Box Riser and Cover shall also be Replaced for all Water Valves within the Project Limits. Cost of the Replacement shall be incidental to Item No. 626.1030 Adjusting Water Valve Box Frame and Cover.
- Refer to Miscellaneous Details for Sidewalk Transition at existing catv box.



DETAIL PLAN OF ROADWAY

Sta. 20+80 TO 26+00

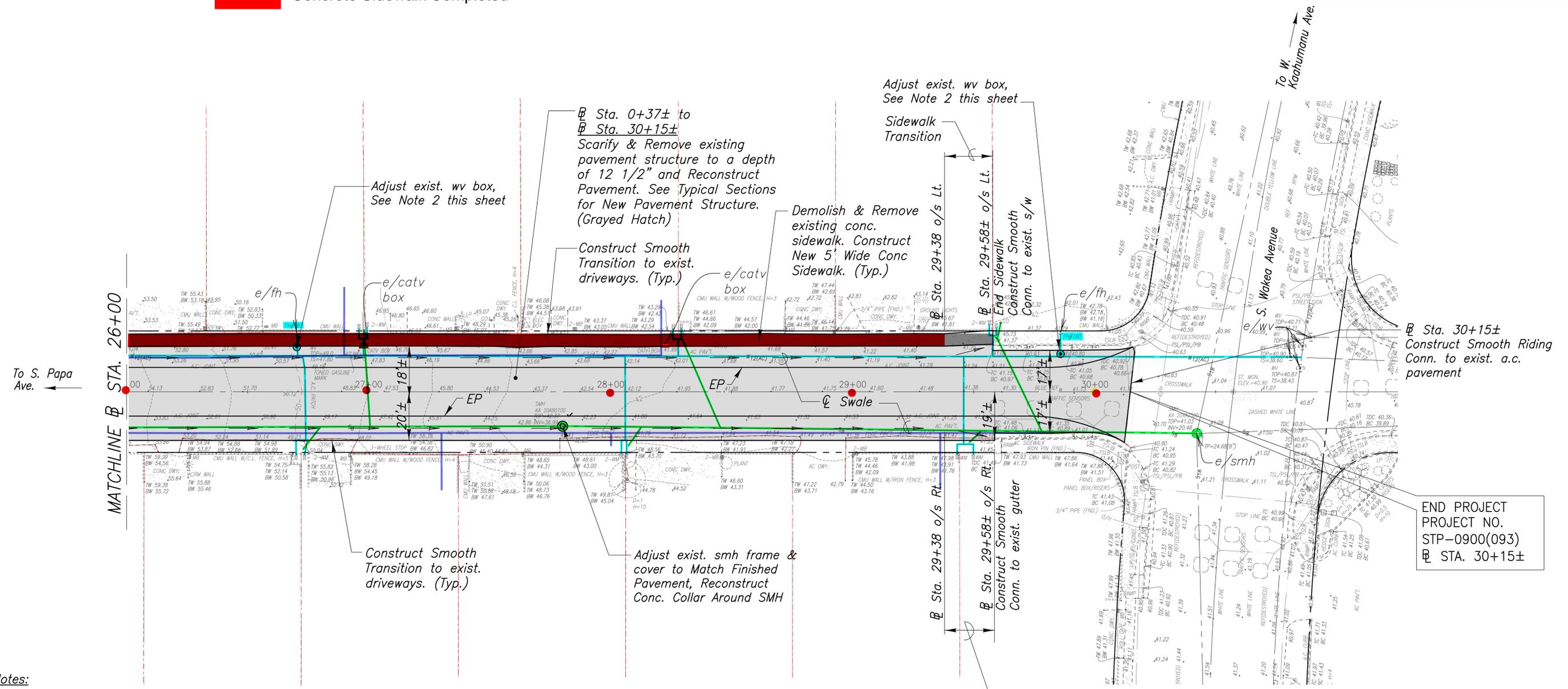


Added Callout to Exist Sewer COTG	7/9/2019
COUNTY OF MAUI DEPARTMENT OF PUBLIC WORKS WAILUKU, MAUI, HAWAII KEA STREET PAVEMENT RECONSTRUCTION S. PAPA AVENUE TO S. WAKEA AVENUE STP-0900(09.3)	
ROADWAY PLAN-5 STA. 20+80 TO 26+00	Date: 4/23/2019 Design By: M.I. Drawn By: R.K. SHEET C-18 of 45 Sheets

PROJ. NO.: M1801-00
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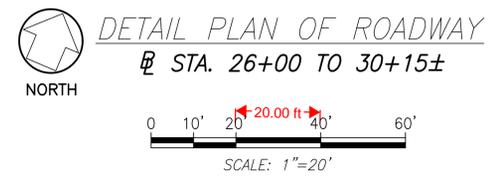
Concrete Sidewalk Completed

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(093)	2019	20	45



Notes:

- Contractor Shall Verify The Location of existing DWS valves and manholes, and sewer manholes Prior to The Start of Construction.
- All Water Valves and Water Manhole Concrete Collars within the Project Limits Shall be Demolished and Reconstructed (Whether Collars Originally Exist or Not) Per dws Standard Detail V12 and V23 Respectively. For Water Valves within the Sidewalk, Concrete Collars are not Required to be Reconstructed. The Valve Box Riser and Cover shall also be Replaced for all Water Valves within the Project Limits. Cost of the Replacement shall be incidental to Item No. 626.1030 Adjusting Water Box Frame and Cover.
- Refer to Miscellaneous Details for Sidewalk Transition at existing catv box.
- Prior to any work that will disable the existing loop detectors, the contractor shall install an approach only microwave vehicle detector. Notify County Engineer at least 48 hours prior to work.
 - Contractor shall provide all required hardware and cabling. Cabling shall be routed into control cabinet but not connected. Contact County Engineer for inspection. Contractor will be notified within 10 working days if approved or changes are needed.
 - Temporary detection shall be operational for 2 weeks before any work activities may begin.
 - When permanent detection is installed and tested, temporary detection may be removed.



END PROJECT
PROJECT NO.
STP-0900(093)
STA. 30+15±

PROJ. NO.: M1801-00
 Date Saved: Tue, 23 Apr 2019 1:08pm
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	COUNTY OF MAUI DEPARTMENT OF PUBLIC WORKS WAILUKU, MAUI, HAWAII	Date: 4/23/2019 Design By: M.I. Drawn By: R.K.
	KEA STREET PAVEMENT RECONSTRUCTION S. PAPA AVENUE TO S. WAKEA AVENUE STP-0900(093)	
ROADWAY PLAN-6 STA. 26+00 TO 30+15±		SHEET C-19 of 45 Sheets