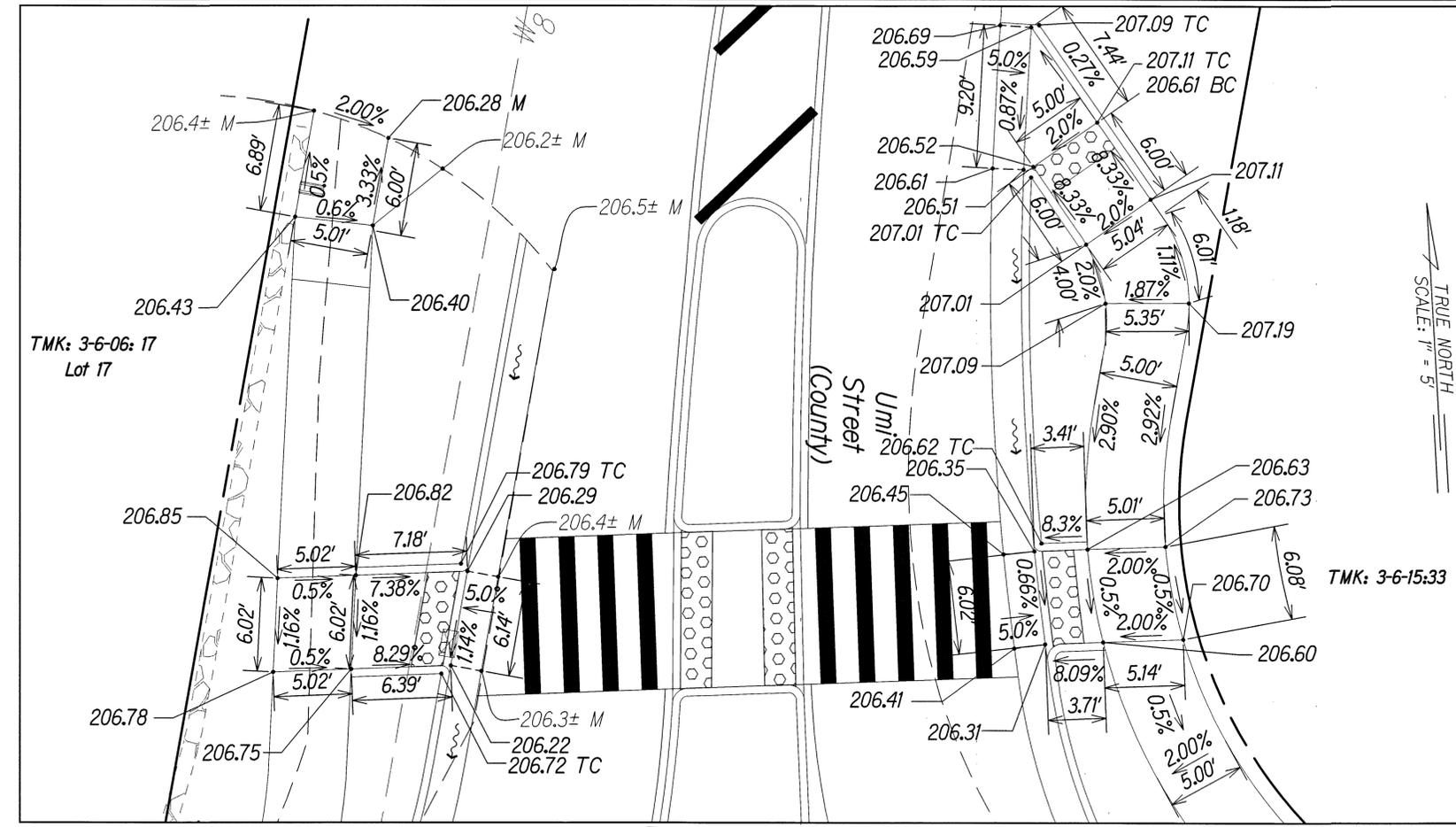
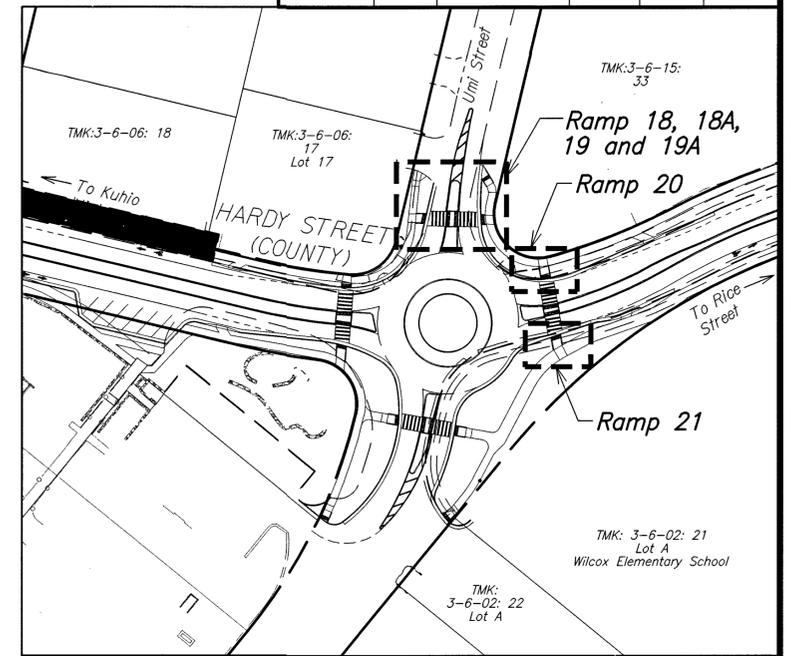


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	79	145



Ramp 18, 18A, 19 and 19A
Scale: 1" = 5'

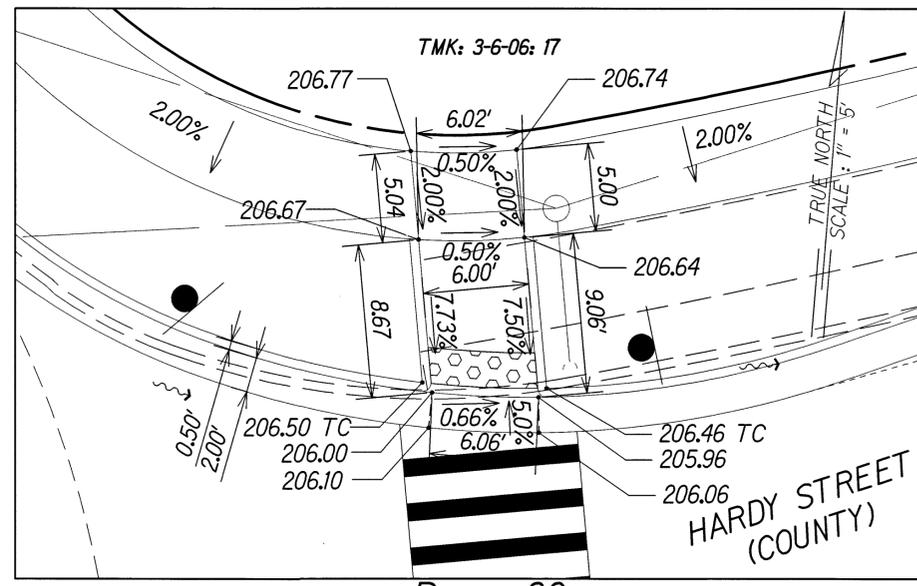
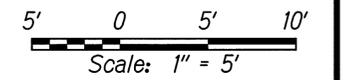


KEYMAP
Not to scale

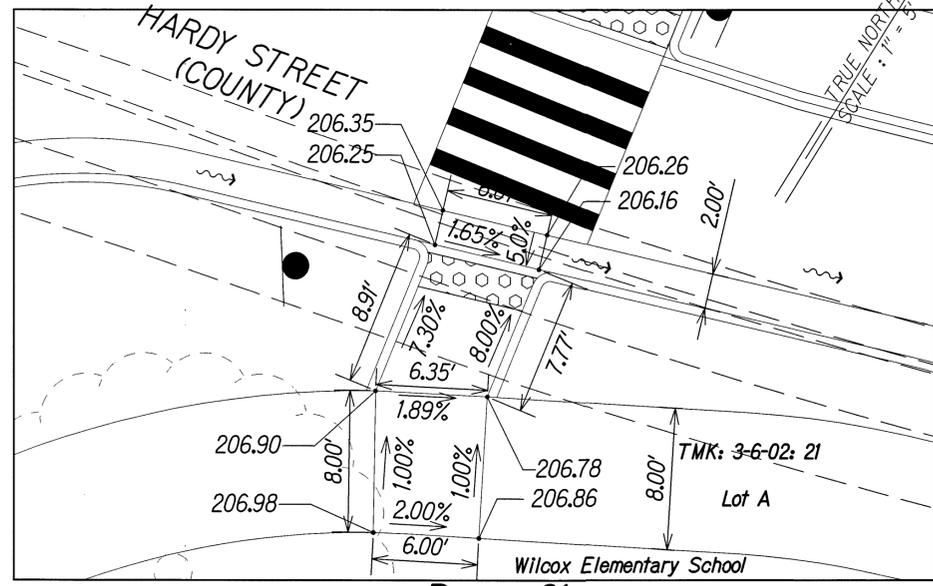
LEGEND:

- Project Baseline
- Property Line
- existing grade
- Proposed Flow Arrow
- Existing Flow Arrow
- Finish Grade (Top of Pavement/ Top of Sidewalk)
- Finish Grade at Top of Curb
- Finish Grade at Bottom of Curb
- Match to Existing Grade
- Existing Grade Spot Elevation

GRAPHICAL SCALES:



Ramp 20
Scale: 1" = 5'



Ramp 21
Scale: 1" = 5'

NOTE:

- Contractor to layout all accessible ramps and landings to confirm that slopes do not exceed requirements:
8.33% Max. for run slope
2.00% Max. for cross slope
- The Contractor shall verify that finished cross slopes or running slopes of all accessible routes and curb ramps meet and comply with the minimum ADA standards.

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI

APPROVED: COUNTY ENGINEER

11-24-14 DATE



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APRIL 30, 2016 EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

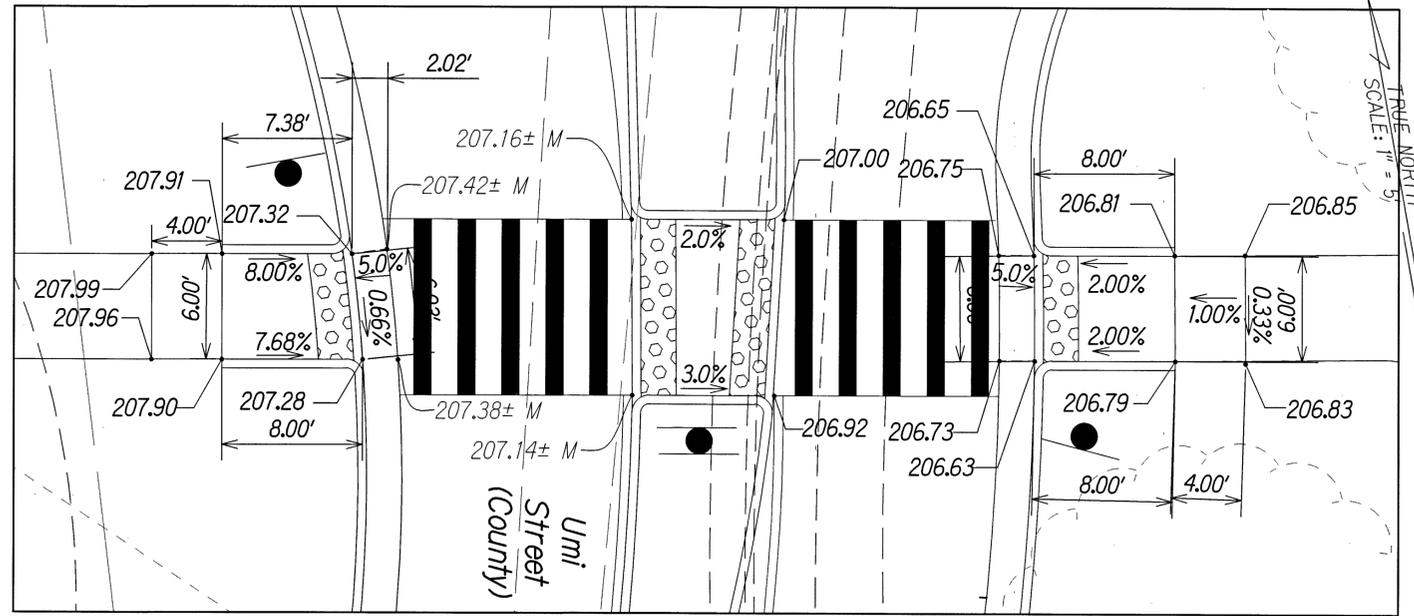
CURB RAMP DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

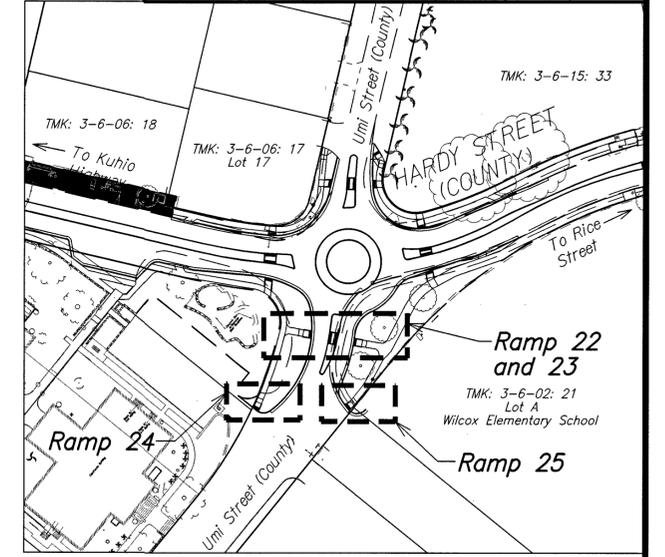
Scale: As Noted Date: September, 2014

SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	80	145



Ramp 22 and 23
Scale: 1" = 5'

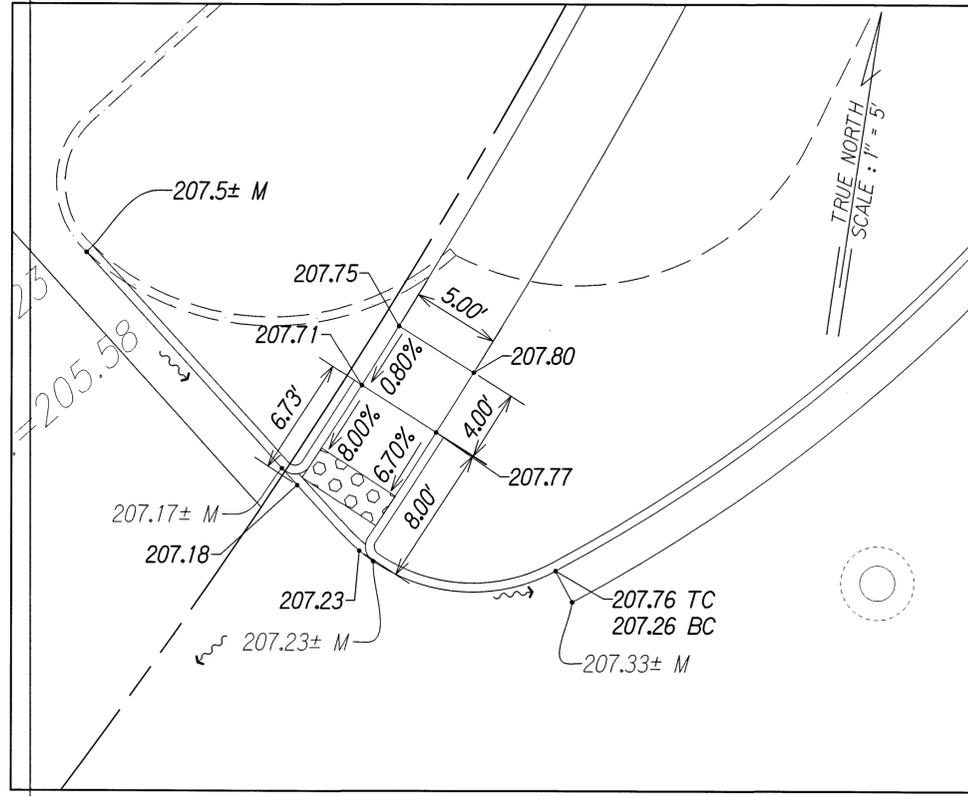
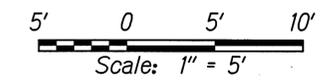


KEYMAP
Not to scale

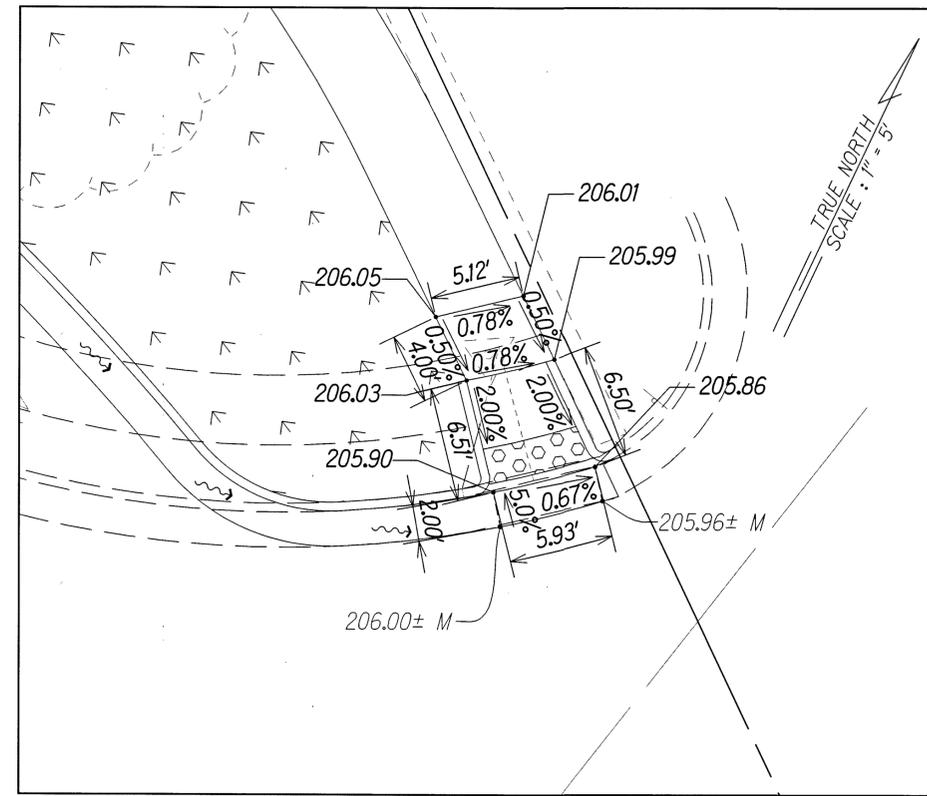
LEGEND:

- Project Baseline
- Property Line
- existing grade
- Proposed Flow Arrow
- Existing Flow Arrow
- Finish Grade (Top of Pavement/ Top of Sidewalk)
- Finish Grade at Top of Curb
- Finish Grade at Bottom of Curb
- Match to Existing Grade
- Existing Grade Spot Elevation

GRAPHICAL SCALES:



Ramp 24
Scale: 1" = 5'



Ramp 25
Scale: 1" = 5'

NOTE:

- Contractor to layout all accessible ramps and landings to confirm that slopes do not exceed requirements:
8.33% Max. for run slope
2.00% Max. for cross slope
- The Contractor shall verify that finished cross slopes or running slopes of all accessible routes and curb ramps meet and comply with the ADA standards.

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: 11-24-14
COUNTY ENGINEER DATE



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APRIL 30, 2016
SIGNATURE OF THE LICENSEE

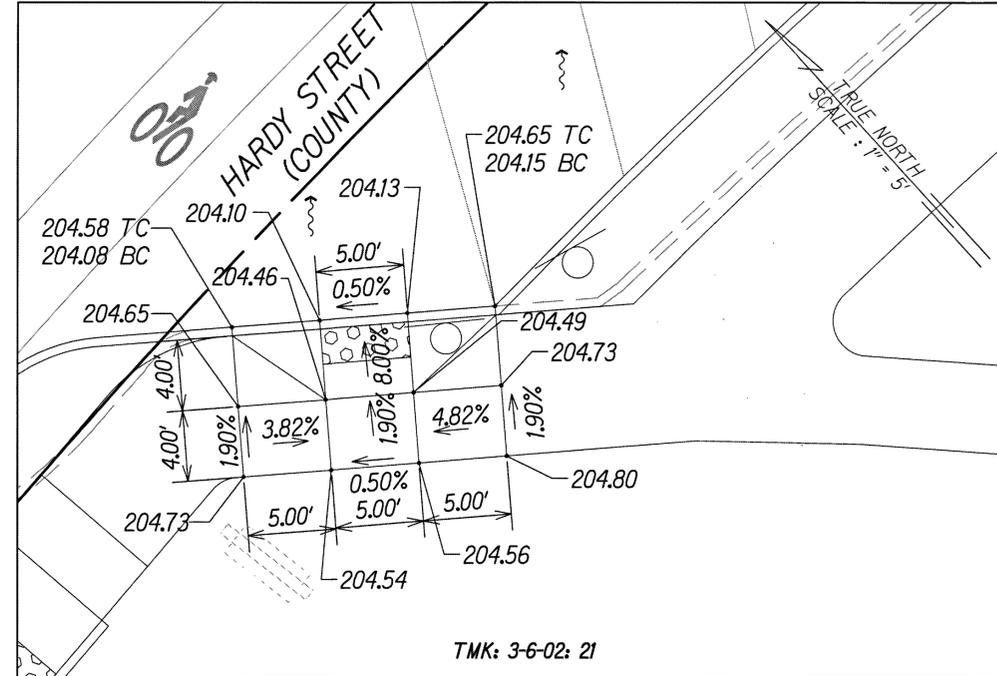
COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

CURB RAMP DETAILS

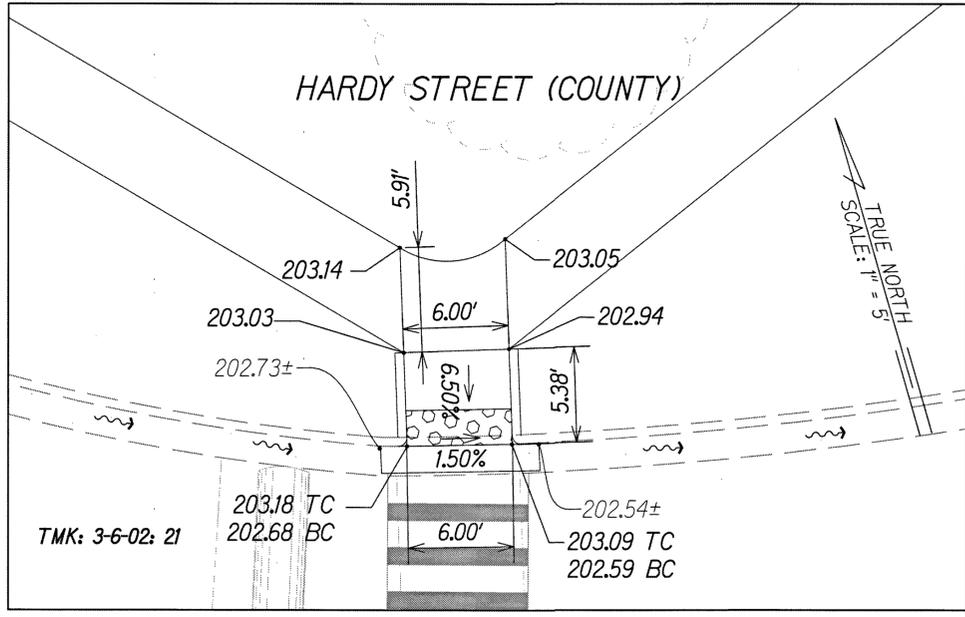
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014
SHEET No. 7 OF 12 SHEETS

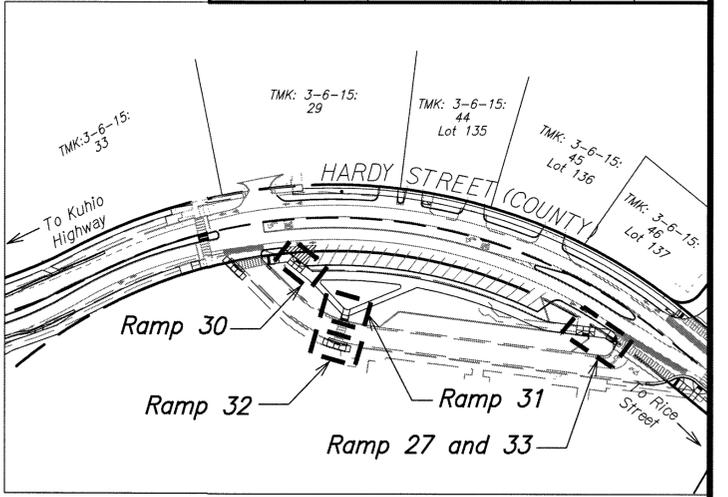
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	82	145



Ramp 30
Scale: 1" = 5'



Ramp 31
Scale: 1" = 5'



KEYMAP
Not to scale

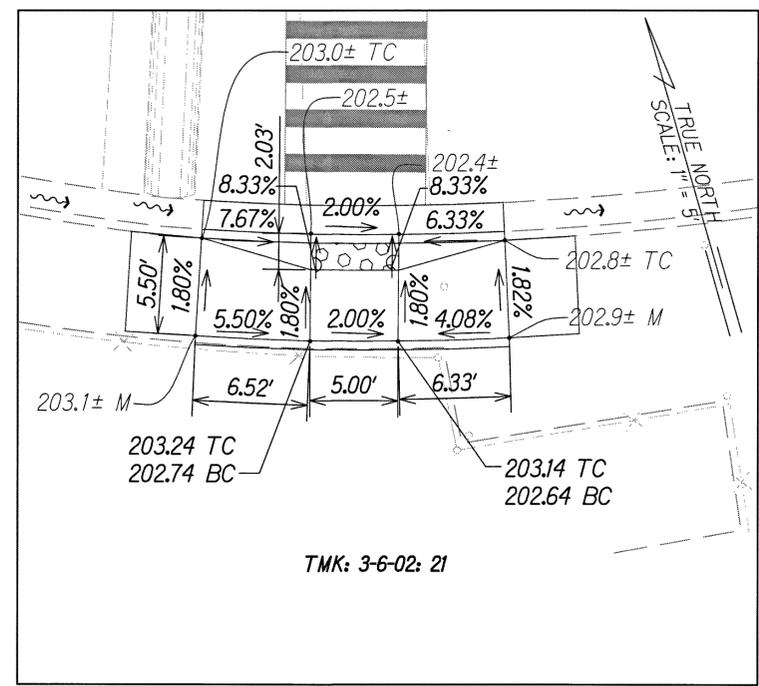
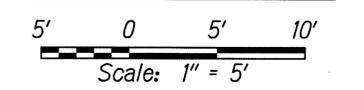
LEGEND:

- — — — — Property Line
- ~ ~ ~ ~ ~ Proposed Flow Arrow
- ~ ~ ~ ~ ~ Existing Flow Arrow
- 100.00 Finish Grade (Top of Pavement/ Top of Sidewalk)
- 100.00 TC Finish Grade at Top of Curb
- 100.00 BC Finish Grade at Bottom of Curb
- 191.9± M Match to Existing Grade
- 191.9± Existing Grade Spot Elevation

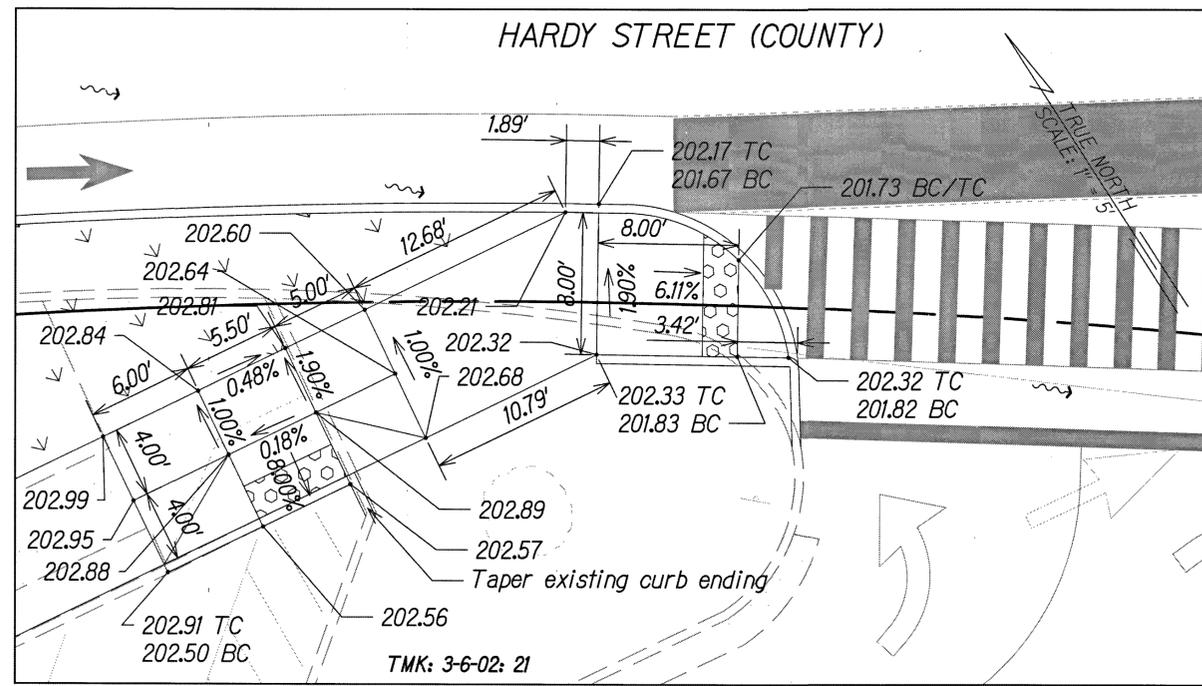
NOTE:

1. Contractor to layout all accessible ramps and landings to confirm that slopes do not exceed requirements:
8.33% Max. for run slope
2.00% Max. for cross slope
2. The Contractor shall verify that finished cross slopes or running slopes of all accessible routes and curb ramps meet and comply with the ADA standards.

GRAPHICAL SCALES:



Ramp 32
Scale: 1" = 5'



Ramp 27 and 33
Scale: 1" = 5'

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: 
COUNTY ENGINEER DATE 11-24-14



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SIGNATURE:  EXPIRATION DATE OF THE LICENSE: APRIL 30, 2016

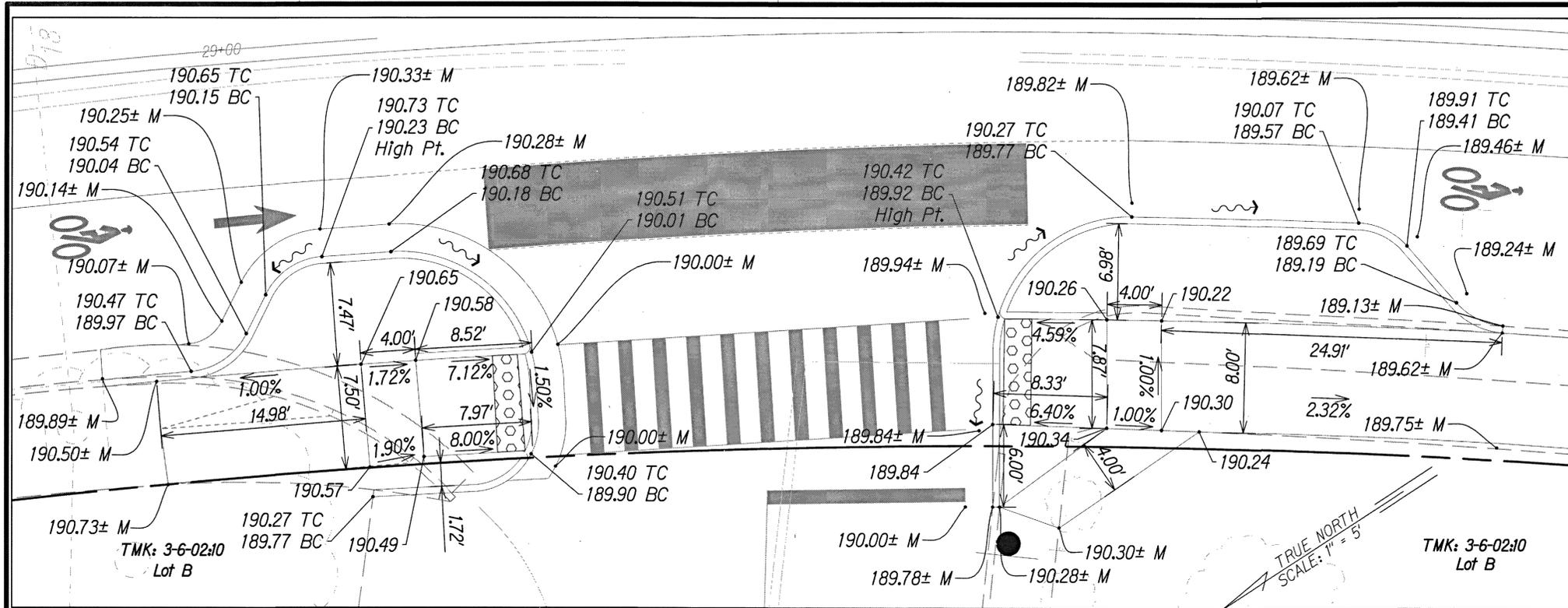
COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

CURB RAMP DETAILS

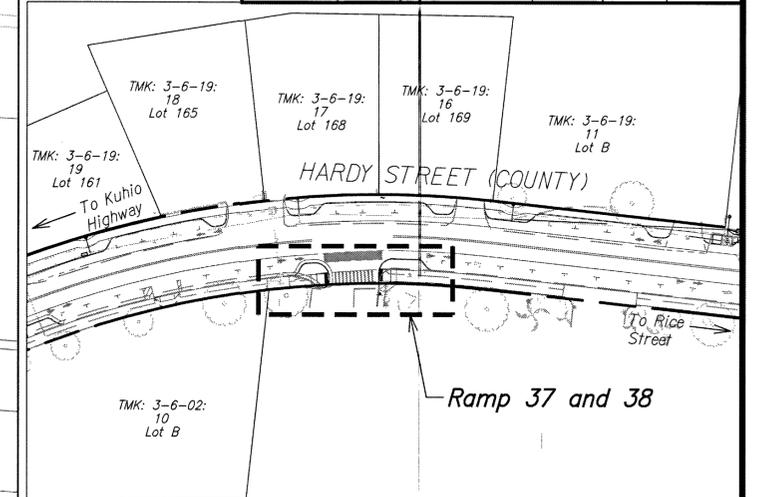
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014

SHEET No. 9 OF 12 SHEETS

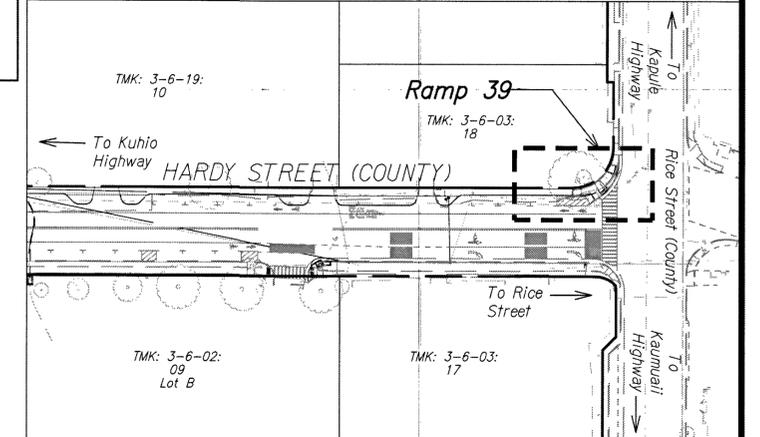
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	84	145



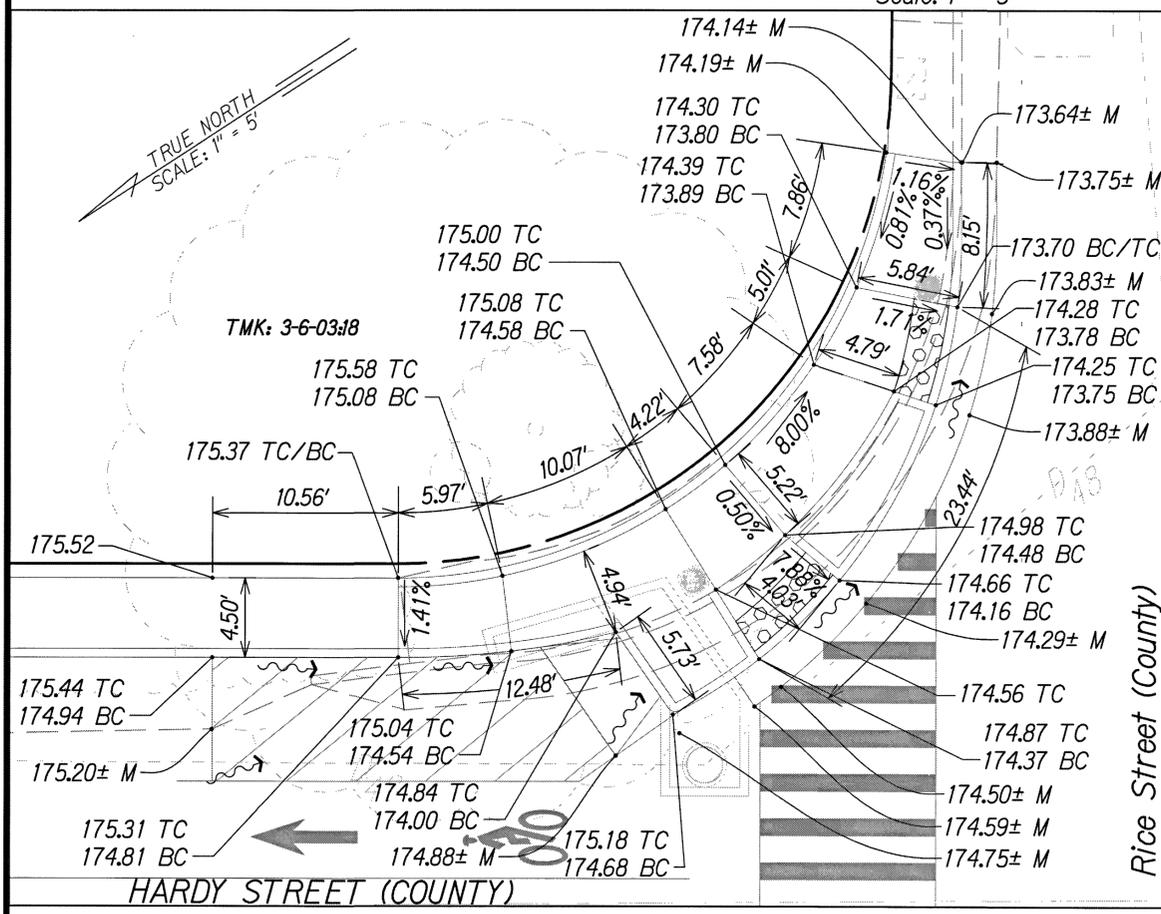
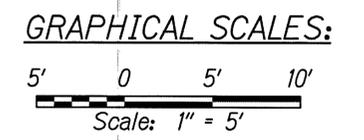
Ramp 37 and 38
Scale: 1" = 5'



KEYMAP
Not to Scale



KEYMAP
Not to Scale



Ramp 39
Scale: 1" = 5'

LEGEND:

- Project Baseline
- Property Line
- existing grade
- Grade Control/Break
- Proposed Flow Arrow
- Existing Flow Arrow
- 100.00 Finish Grade (Top of Pavement/ Top of Sidewalk)
- 100.00 TC Finish Grade at Top of Curb
- 100.00 BC Finish Grade at Bottom of Curb
- 191.9± M Match to Existing Grade
- 191.9± Existing Grade Spot Elevation

NOTE:

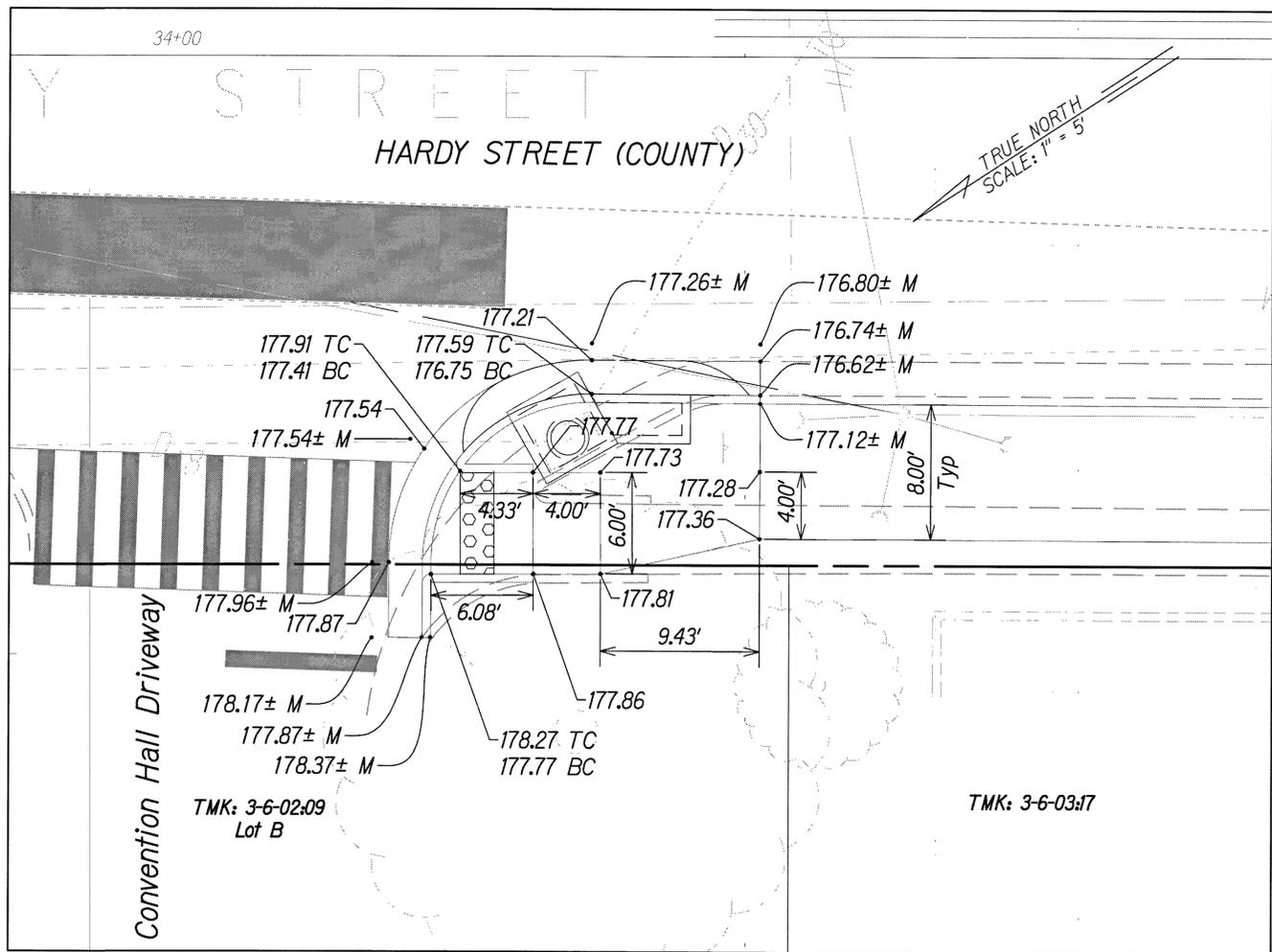
1. Contractor to layout all accessible ramps and landings to confirm that slopes do not exceed requirements:
8.33% Max. for run slope
2.00% Max. for cross slope
2. The Contractor shall verify that finished cross slopes or running slopes of all accessible routes and curb ramps meet and comply with the minimum ADA standards.

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: _____
COUNTY ENGINEER

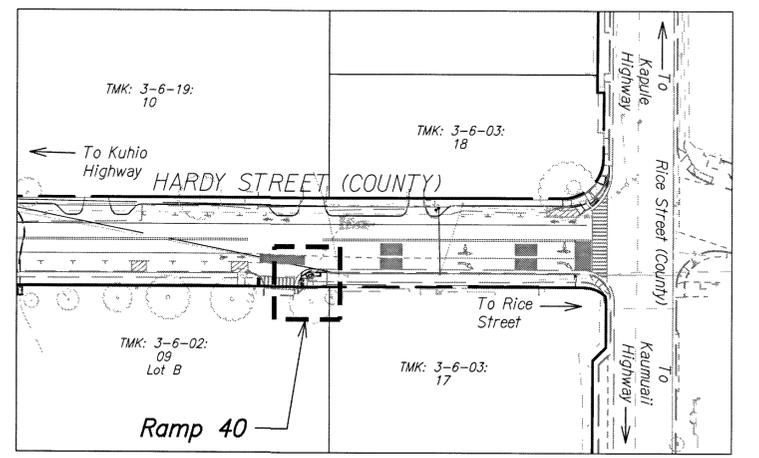
FLORENCE K. VAN AMBERG
LICENSED PROFESSIONAL ENGINEER
No. 11907-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
SIGNATURE: _____
APRIL 30, 2016
EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION
CURB RAMP DETAILS
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted | Date: September, 2014
SHEET No. 11 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	84A	145



Ramp 40
Scale: 1" = 5'



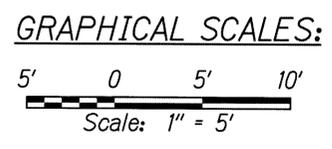
KEYMAP
Not to Scale

LEGEND:

- Project Baseline
- Property Line
- 180 — existing grade
- Grade Control/Break
- Proposed Flow Arrow
- Existing Flow Arrow
- 100.00 Finish Grade (Top of Pavement/ Top of Sidewalk)
- 100.00 TC Finish Grade at Top of Curb
- 100.00 BC Finish Grade at Bottom of Curb
- 191.9± M Match to Existing Grade
- 191.9± Existing Grade Spot Elevation

NOTE:

- Contractor to layout all accessible ramps and landings to confirm that slopes do not exceed requirements:
8.33% Max. for run slope
2.00% Max. for cross slope
- The Contractor shall verify that finished cross slopes or running slopes of all accessible routes and curb ramps meet and comply with the minimum ADA standards.



DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:

COUNTY ENGINEER
DATE: 11-24-14



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SIGNATURE:
EXPIRATION DATE OF THE LICENSE: APRIL 30, 2016

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

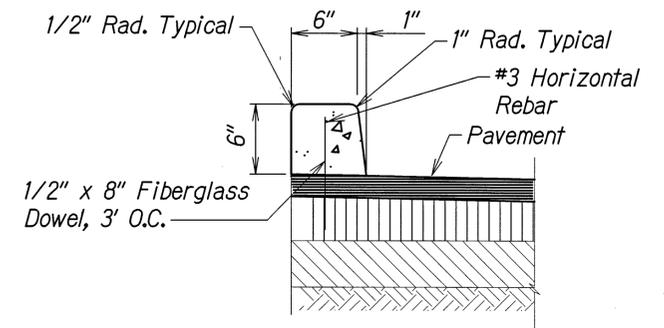
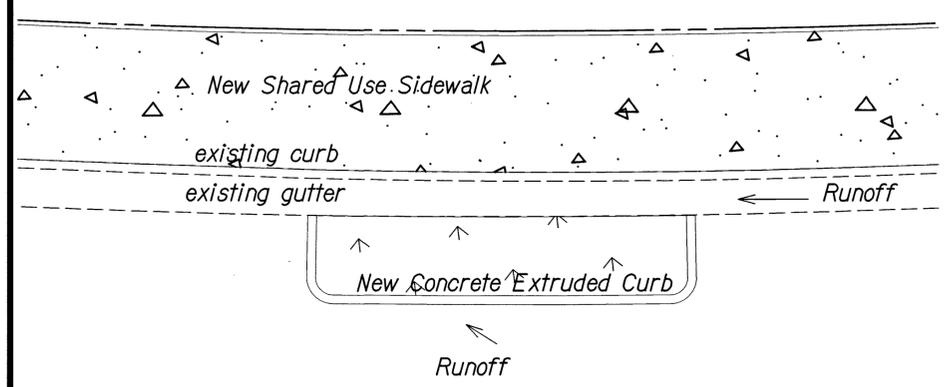
CURB RAMP DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

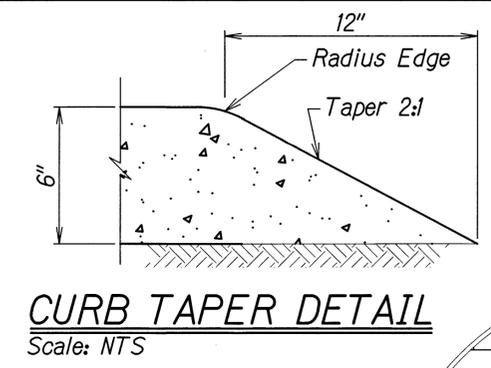
Scale: As Noted Date: September, 2014

SHEET No. 12 OF 12 SHEETS

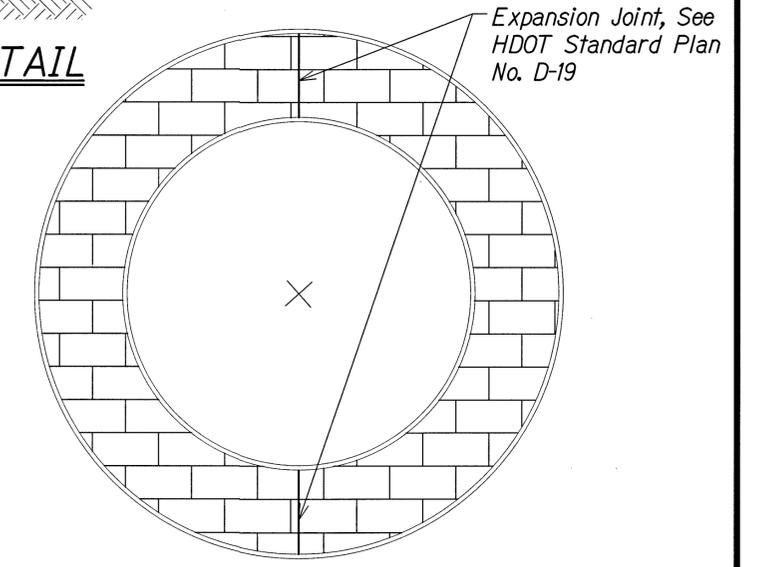
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	85	145



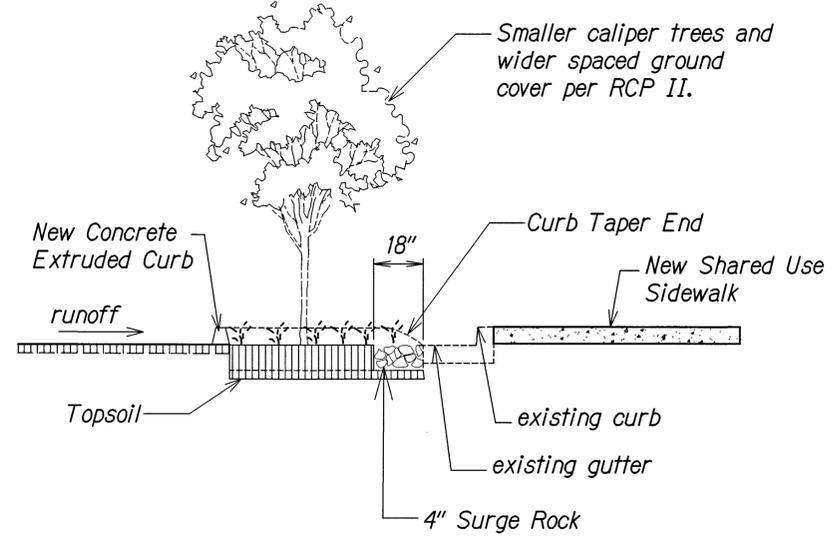
EXTRUDED CONCRETE CURB DETAIL
Scale: NTS



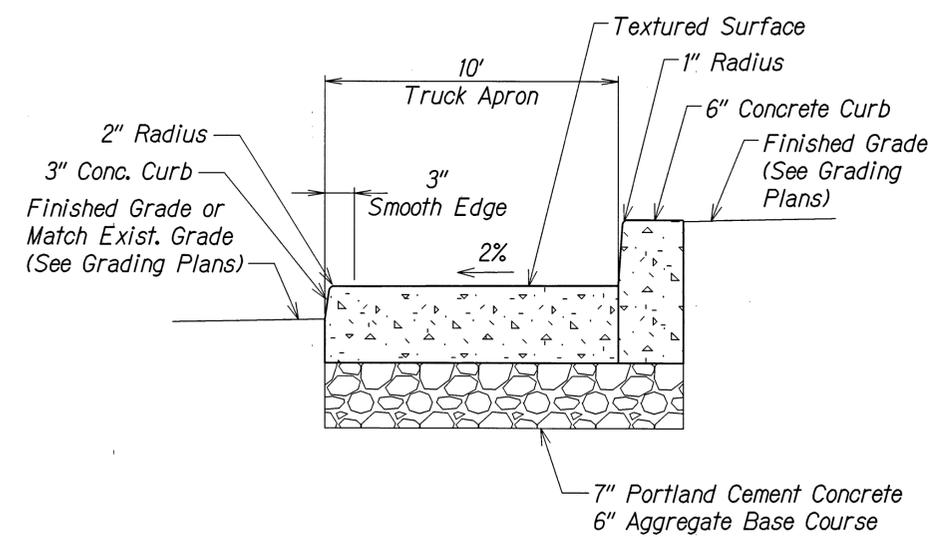
CURB TAPER DETAIL
Scale: NTS



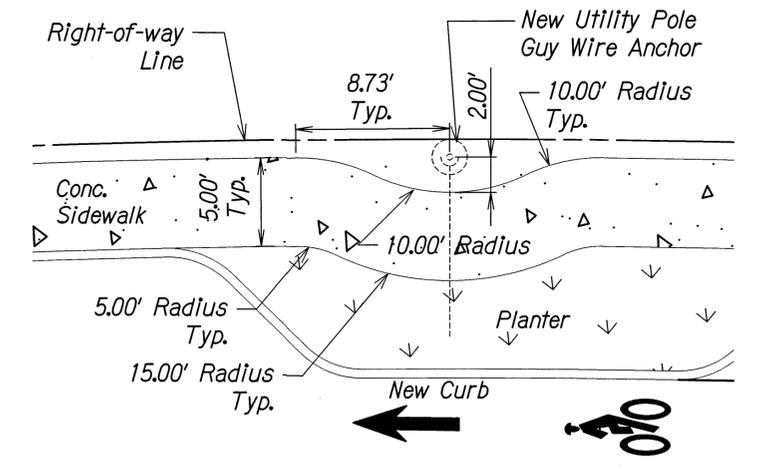
TRUCK APRON EXPANSION JOINT DETAIL
Scale: NTS



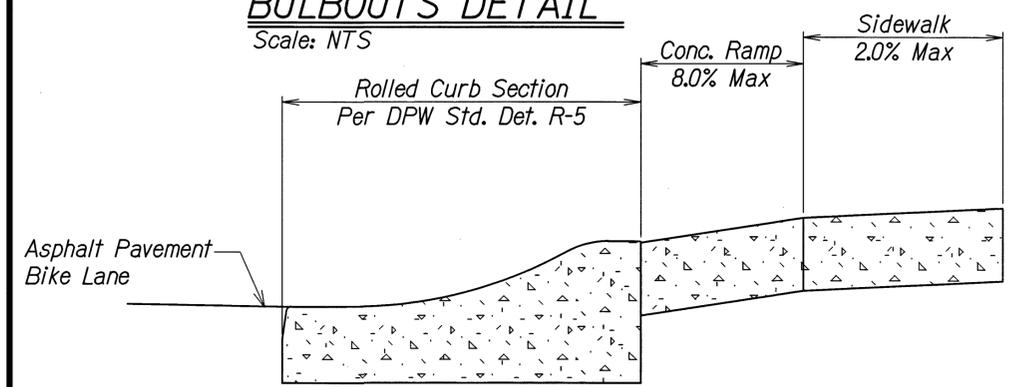
BULBOUTS DETAIL
Scale: NTS



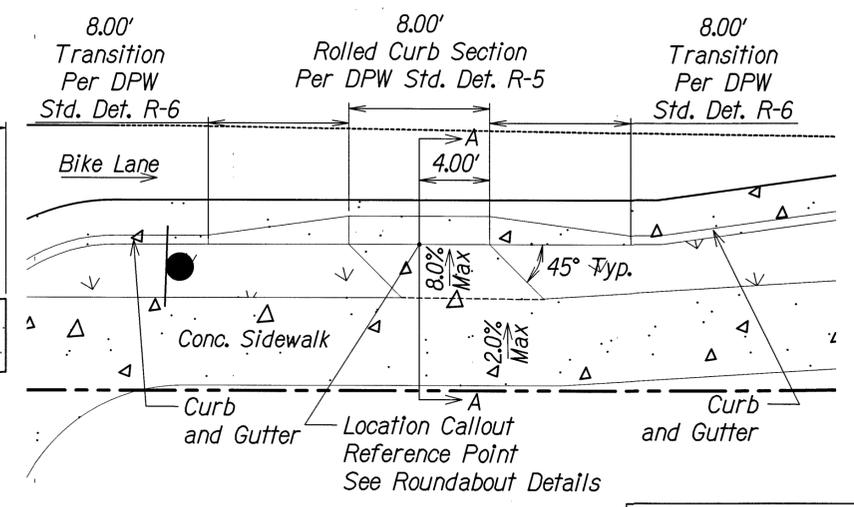
TRUCK APRON CURB DETAIL
Scale: NTS



SIDEWALK AT GUY WIRE ANCHOR DETAIL
Scale: NTS



BIKE RAMP SECTION A-A



BIKE RAMP DETAIL
Scale: NTS

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: *[Signature]*
COUNTY ENGINEER DATE 11/21/14



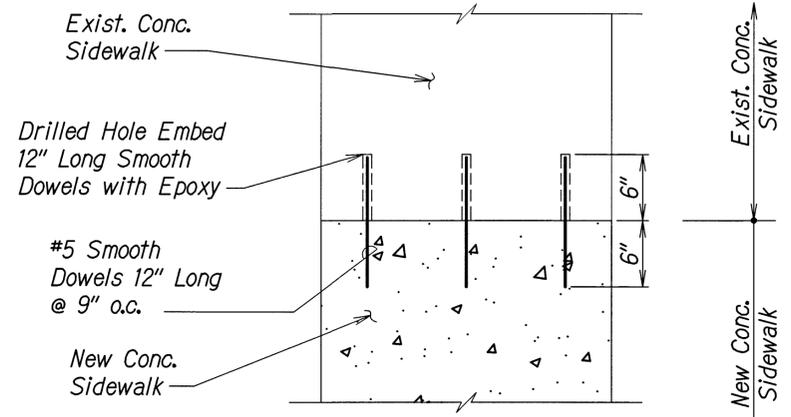
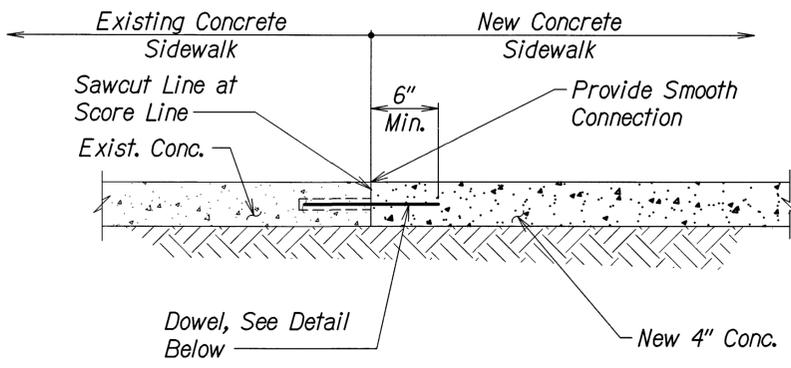
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[Signature]
APRIL 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

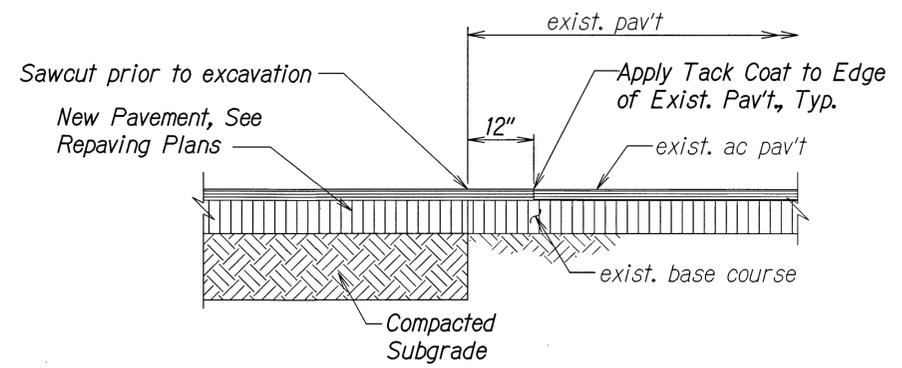
SITE DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

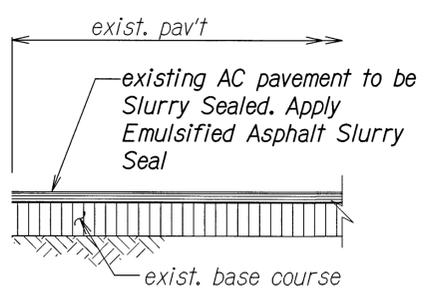
Scale: As Noted Date: September, 2014
SHEET No. 1 OF 4 SHEETS



CONNECTION TO EXISTING SIDEWALK DETAIL
Scale: NTS

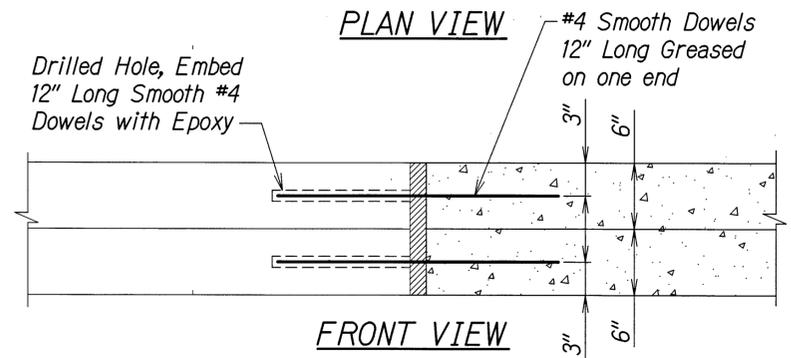
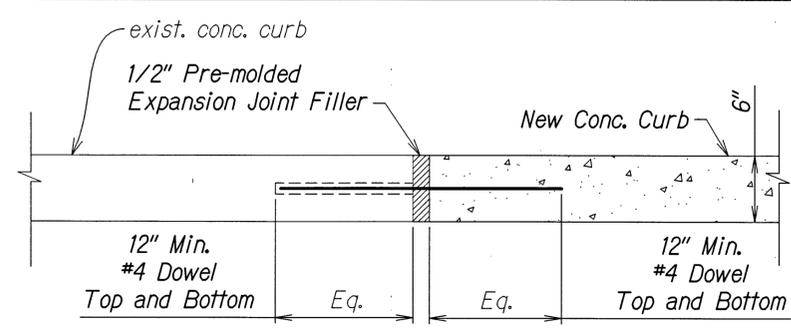


SMOOTH RIDING CONNECTION
Scale: NTS

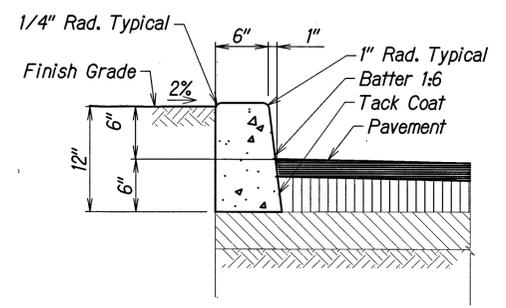


SURFACE TREATMENT DETAIL
Scale: NTS

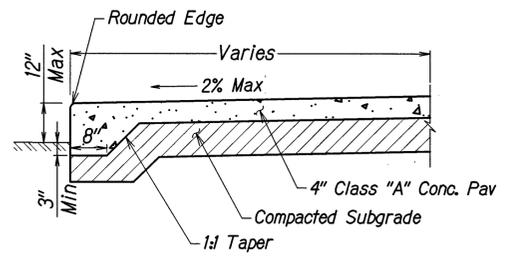
NOTE:
Protect project curb, gutter, concrete swales, concrete driveways and utility structures during slurry sealing operations. Asphalt material applied to these features will be removed by the contractor at the contractor's expense and the feature will be restored to its original condition.



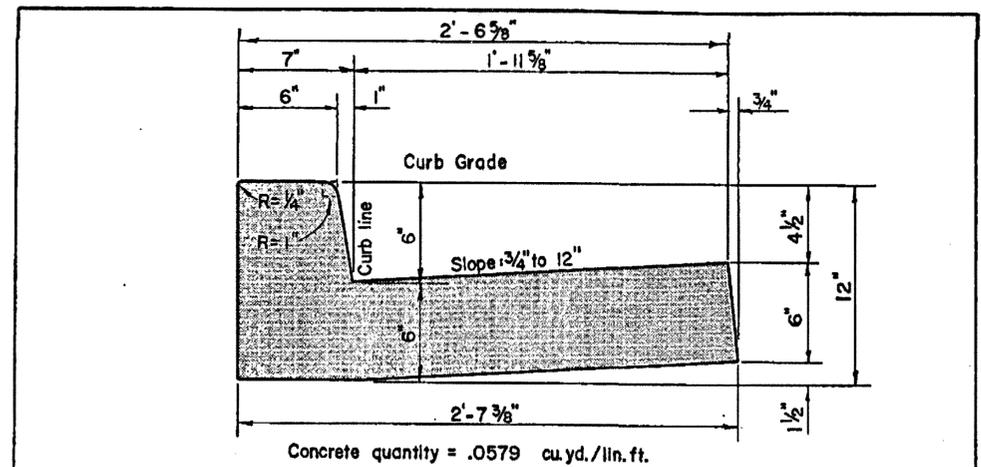
CONNECTION TO EXISTING CONCRETE CURB DETAIL
Scale: NTS



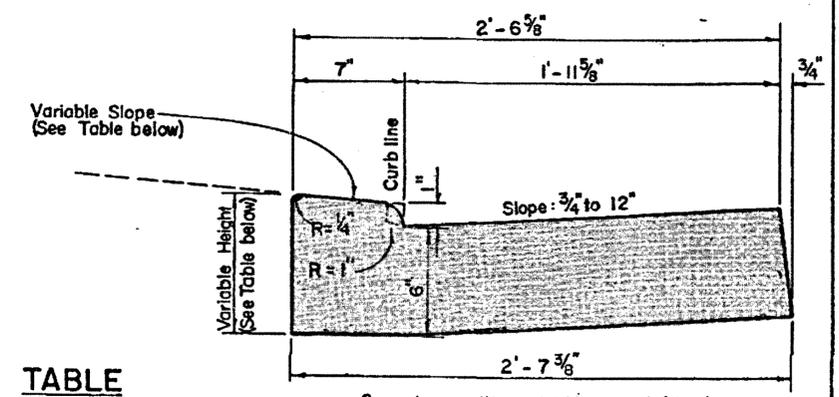
6\"/>



THICKENED EDGE CONCRETE SIDEWALK DETAIL
Scale: NTS



CAST IN PLACE INTEGRAL CURB AND GUTTER
Scale: 1 1/2\"/>



CAST IN PLACE INTEGRAL DRIVEWAY CURB AND GUTTER
Scale: 1 1/2\"/>

TABLE

DIST. CURB LINE TO P	SLOPE	HEIGHT
12'	1/16" to 12"	7 3/8"
10'	3/4" to 12"	7 7/16"
8'	7/8" to 12"	7 1/2"
7'	15/16" to 12"	7 9/16"
6'	1 1/16" to 12"	7 5/8"
3'	1 5/16" to 12"	8 1/8"

R-4	STANDARD DETAILS	INTEGRAL CURB AND GUTTER,	COUNTY OF KAUAI
		INTEGRAL DRIVEWAY CURB AND GUTTER	CITY & COUNTY OF HONOLULU COUNTY OF MAUI COUNTY OF HAWAII
		SEPTEMBER 1984	SCALE: 1-1/2" = 1'-0"

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:
[Signature]
COUNTY ENGINEER

FIONA K. VAN AMES
LICENSED PROFESSIONAL ENGINEER
No. 11907-C
HAWAII, U.S.A.

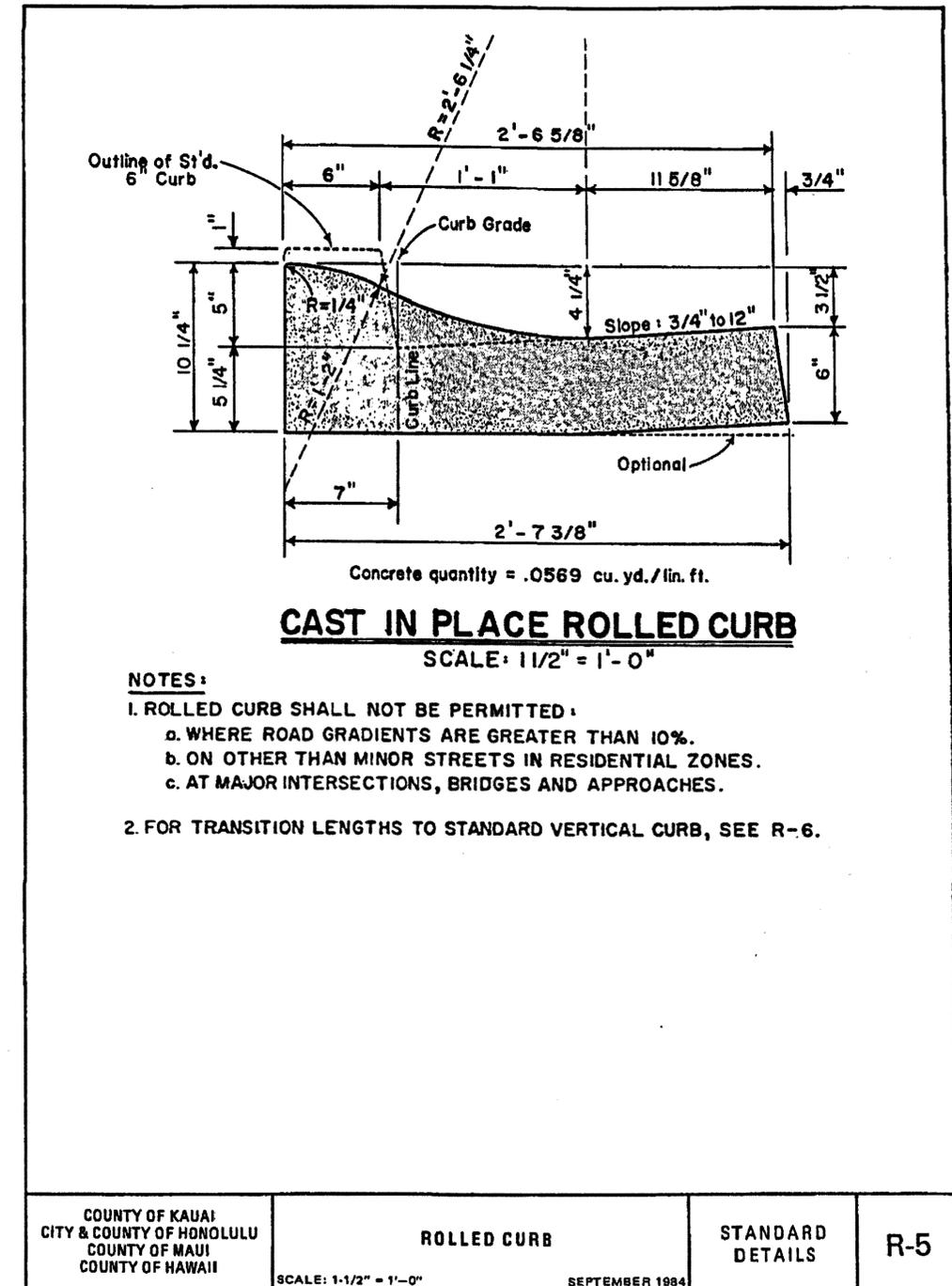
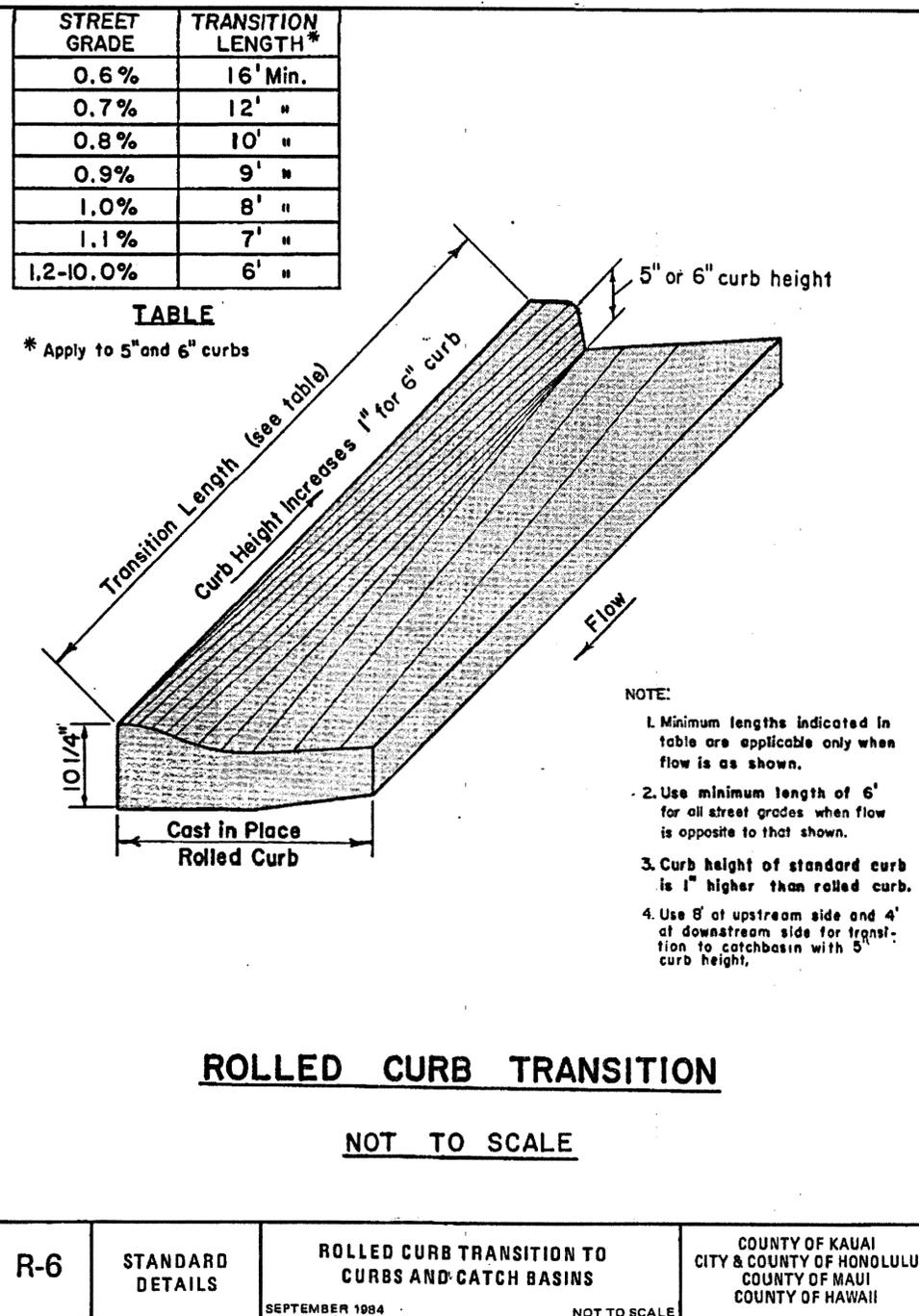
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[Signature]
APRIL 30, 2016
EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

SITE DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014

SHEET No. 2 OF 4 SHEETS



DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI

APPROVED: *[Signature]*
COUNTY ENGINEER

11-21-14
DATE



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SIGNATURE EXPIRATION DATE
OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

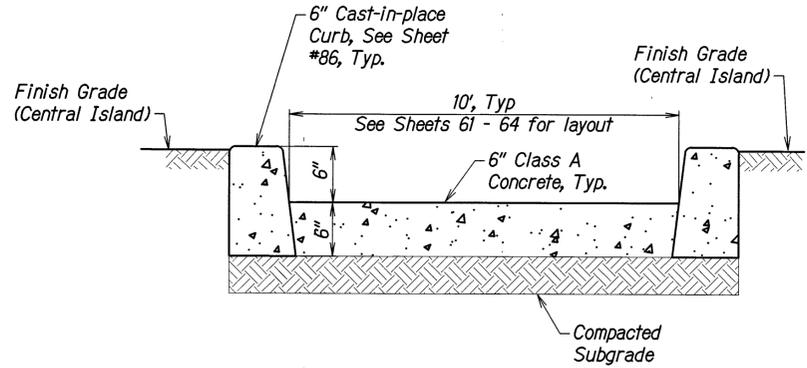
SITE DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

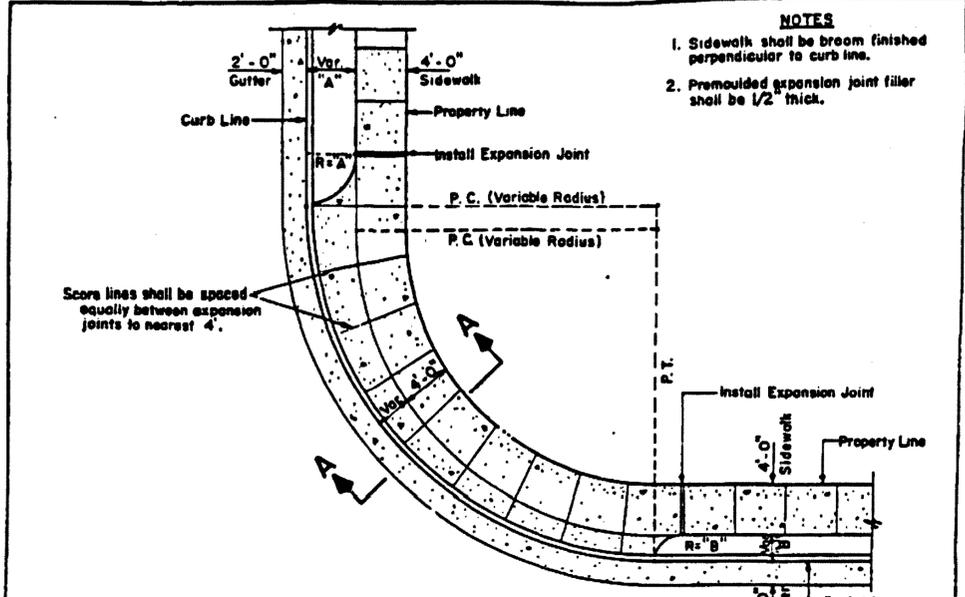
Scale: As Noted Date: September, 2014

SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	86B	145

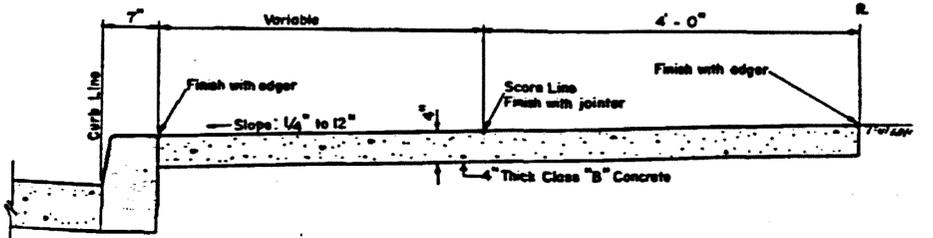


PEDESTRIAN REFUGE SECTION DETAIL
Scale: NTS



- NOTES**
1. Sidewalk shall be broom finished perpendicular to curb line.
 2. Premoulded expansion joint filler shall be 1/2" thick.

PLAN
SCALE: 1" = 10'-0"



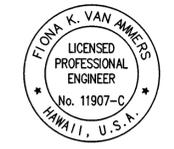
SECTION A-A
SCALE: 3/4" = 1'-0"

FULL WIDTH SIDEWALK AT CURB RETURN

COUNTY OF KAUAI CITY & COUNTY OF HONOLULU COUNTY OF MAUI COUNTY OF HAWAII	FULL-WIDTH SIDEWALK AT CURB RETURN SCALE: AS NOTED	STANDARD DETAILS SEPTEMBER 1984	R-27
--	--	---------------------------------------	------

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI

APPROVED: *[Signature]* 11-21-14
COUNTY ENGINEER DATE



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[Signature] APRIL 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

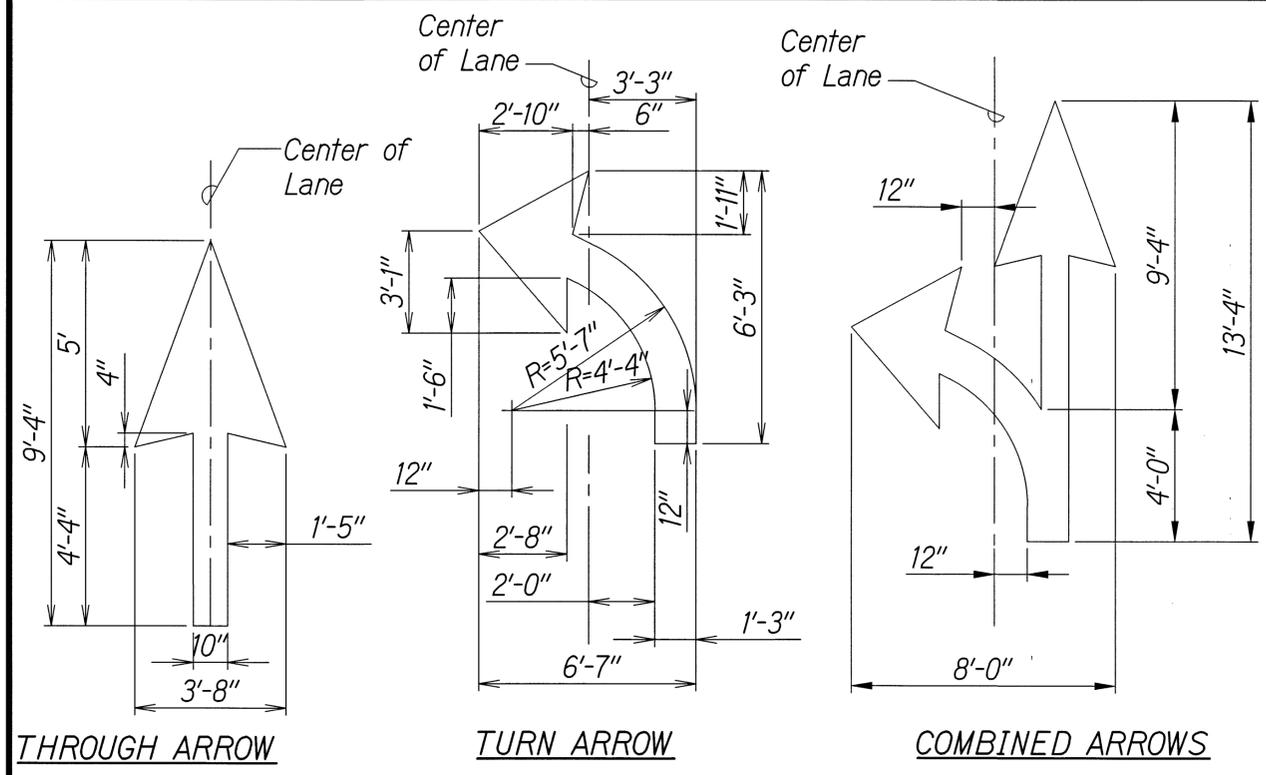
SITE DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 4 OF 4 SHEETS

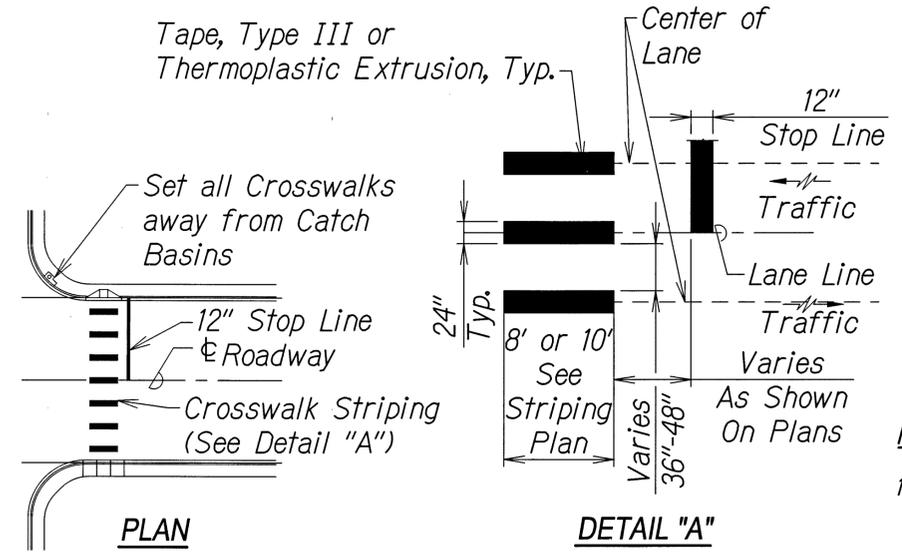
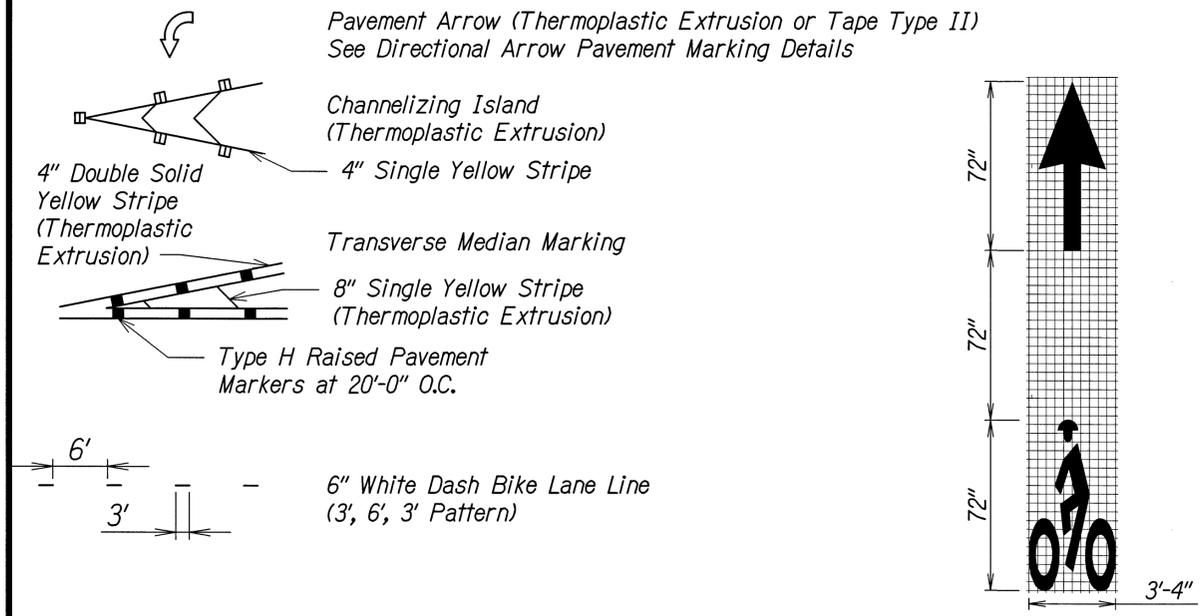
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	87	145



DIRECTIONAL ARROW PAVEMENT MARKINGS DETAILS

Scale: NTS

TYPICAL STRIPING:

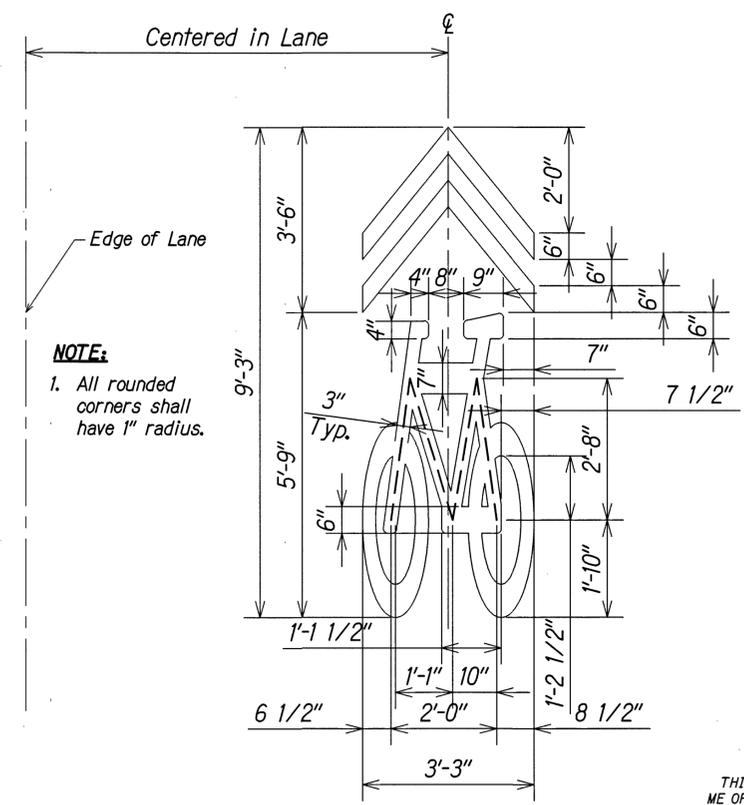


CROSSWALK PAVEMENT MARKINGS DETAILS

Scale: NTS

NOTES:

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings and striping not incorporated in the final traffic pattern shall be removed as directed by the Engineer.
- Raised pavement markers shall not be installed within the crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer.
- Final locations of all stop lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be per plans.



BIKE SHARED LANE MARKING DETAIL

Scale: NTS

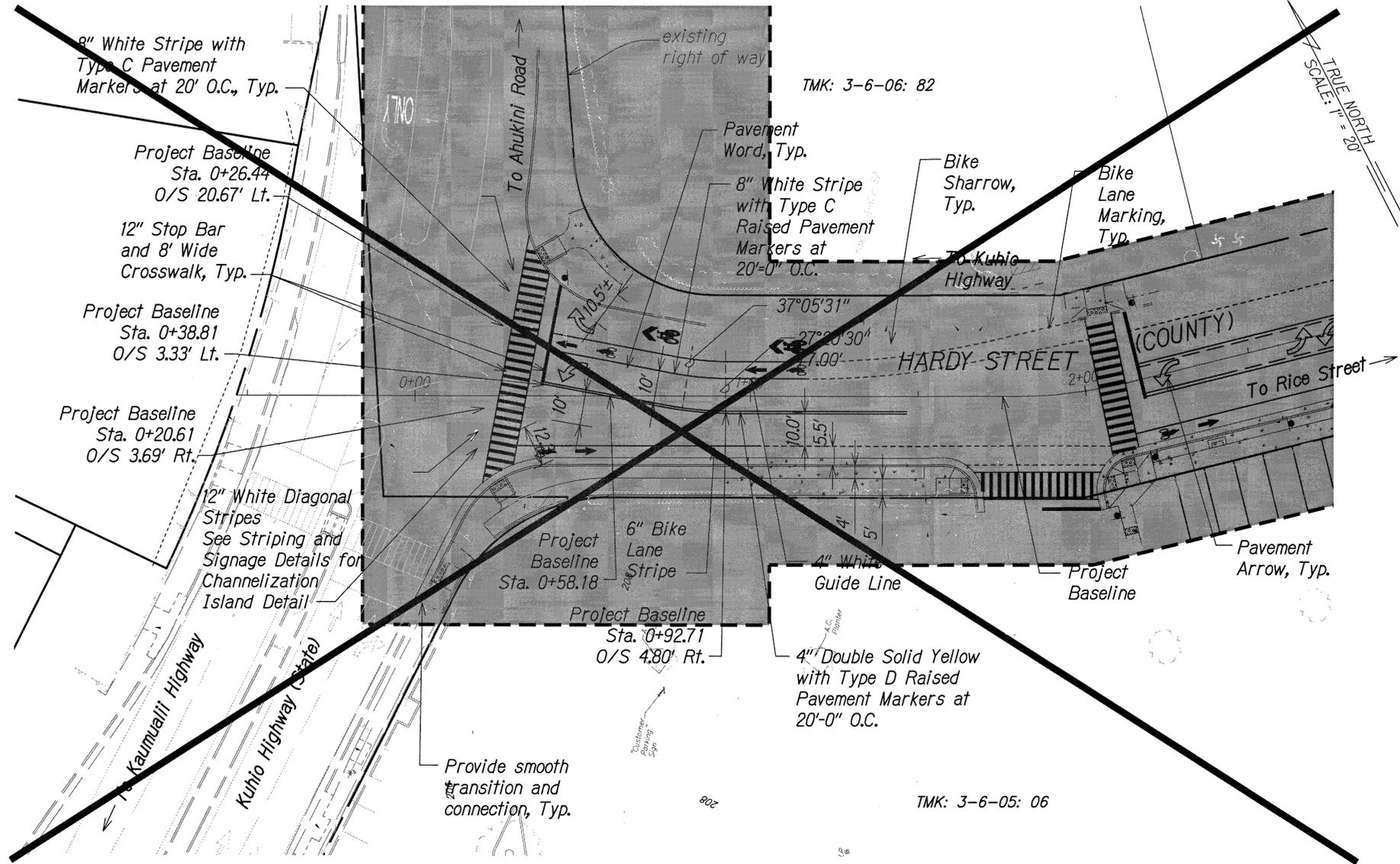


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APRIL 30, 2016
EXPIRATION DATE OF THE LICENSE
SIGNATURE

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:
COUNTY ENGINEER
DATE: 11/21/14

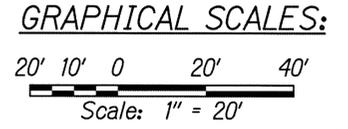
COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION
STRIPING AND SIGNAGE DETAILS AND NOTES
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014
SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	88	145



Plan
Scale: 1" = 20'

NOTE:
1. Intersection of Kuhio Highway and Hardy Street is not included for construction. Final design and approval is still pending. Approved design and plans to be provided as part of change order.



DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI

APPROVED: *[Signature]* 11/21/14
COUNTY ENGINEER DATE

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[Signature] APRIL 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

INTERSECTION DETAIL

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 1 OF 1 SHEETS

CONSTRUCTION NOTES FOR TRAFFIC CONTROL PLAN

1. GUIDELINES FROM THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION, PART 6-TEMPORARY TRAFFIC CONTROL, SHALL BE FOLLOWED FOR THESE TRAFFIC CONTROL PLANS.
2. THE PERMITTEE SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, BRIDGES, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
3. CONES AND DELINEATORS SHALL BE INSTALLED AT 25' O.C. MAX. ON TAPERS AND 50' O.C. ON TANGENTS.
4. CONES AND DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
5. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTHEST FROM THE WORK AREA SHALL BE PLACED FIRST. THE OTHERS SHALL THEN BE PLACED PROGRESSIVELY TOWARD THE WORK AREA.
6. REGULATORY AND WARNING SIGNS WITHIN THE CONSTRUCTION ZONE THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED. ALL SIGNS SHALL BE RESTORED UPON COMPLETION OF THE WORK.
7. ALL PEDESTRIAN FACILITIES/PATHS PROVIDED SHOULD BE A MINIMUM OF 3 FEET WIDE.
8. FLAGGERS AND/OR POLICE OFFICERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.
9. WHEN REQUIRED BY THE ISSUING OFFICE, THE PERMITTEE SHALL INSTALL A FLASHING ARROW SIGNAL AS SHOWN ON THE TRAFFIC CONTROL PLANS.
10. SIGN SPACING (D), TAPER LENGTHS (T) AND SPACING OF CONES OR DELINEATORS SHALL BE AS SHOWN IN TABLE 1, UNLESS OTHERWISE NOTED ON THE TRAFFIC CONTROL PLANS.
11. ALL TEMPORARY TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
12. ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED, TURNED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
13. THE BACKS OF ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE APPROPRIATELY COVERED TO PRECLUDE THE DISPLAY OF INAPPLICABLE SIGN MESSAGES (I.E., WHEN SIGNS HAVE MESSAGES ON BOTH FACES).
14. AT THE END OF EACH DAY'S WORK OR AS SOON AS THE WORK IS COMPLETED, THE PERMITTEE SHALL REMOVE ALL TRAFFIC CONTROL DEVICES NO LONGER NEEDED TO PERMIT FREE AND SAFE PASSAGE OF PUBLIC TRAFFIC. REMOVAL SHALL BE IN THE REVERSE ORDER OF INSTALLATION.
15. NO PARKING SIGNS SHALL BE ADDED WHERE REQUIRED WHEN EXISTING STALLS WILL BE IMPACTED BY CONSTRUCTION.
16. TRAFFIC CONTROL DEVICES LEFT OVERNIGHT SHALL BE REFLECTORIZED OR EQUIPPED WITH LIGHTING DEVICES.
17. TRAFFIC CONTROL PHASING ASSUMES CONSTRUCTION ALONG THE SAME SEGMENT OF ROAD WILL PROCEED NUMERICALLY, THEREBY ENSURING ONE SIDE OF HARDY STREET WILL HAVE AN ACCESSIBLE SIDEWALK AT ALL TIMES DURING CONSTRUCTION.

CONSTRUCTION NOTES FOR TRAFFIC CONTROL PLAN (CONT'D)

18. WHEN REQUIRED BY THE COUNTY OF KAUAI, AN ADVERTISEMENT SHALL BE PLACED IN THE NEWSPAPER BY THE CONTRACTOR FOR ANY LANE CLOSURE. THE ADVERTISEMENT SHALL BE MADE ONE (1) WEEK BEFORE ANY LANE CLOSURE AND SHALL CONTAIN THE FOLLOWING INFORMATION:
 - A. MAP OF THE TRAFFIC CHANGE LIMITS;
 - B. NOTICE OF STARTING AND ENDING DATES, TIMES AND DURATION;
 - C. MAP TO SHOW LANE CLOSURE;
 - D. EXPLANATION OF THE LANE CLOSURE, "NOTICE TO MOTORIST & PEDESTRIANS"

THE CONTRACTOR SHALL BE REQUIRED TO HAVE ANY LANE CLOSURE ANNOUNCED DAILY OVER THE RADIO TWO (2) DAYS BEFORE STARTING DATE UNTIL THE WORK IS COMPLETED. BOTH ADVERTISEMENTS IN THE NEWSPAPER AND OVER THE RADIO SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL ALSO NOTIFY THE HOSPITALS, POLICE, FIRE, AND AMBULATORY SERVICES OF THE LANE CLOSURES.
19. ALL WORKERS WITHIN THE COUNTY R/W WHO ARE EXPOSED TO EITHER VEHICLES USING THE ROADWAY OR TO CONSTRUCTION EQUIPMENT SHALL WEAR HIGH VISIBILITY SAFETY APPAREL THAT MEETS THE PERFORMANCE CLASS 2 OR 3 REQUIREMENTS OF ANSI/ISEA 107-2004. "WORKERS" ARE DEFINED AS PEOPLE ON FOOT WHOSE DUTIES PLACE THEM WITHIN THE ROAD RIGHT OF WAY, SUCH AS, BUT NOT LIMITED TO CONSTRUCTION AND MAINTENANCE FORCES, EQUIPMENT OPERATORS, SURVEY CREW, UTILITY CREW, RESPONDERS TO INCIDENTS (EG. EMT AND FIREMEN), AND LAW ENFORCEMENT PERSONNEL DIRECTING TRAFFIC, INVESTIGATING ACCIDENTS, HANDLING LANE CLOSURES AND ROADWAY CONSTRUCTION.
20. ALL TRAFFIC CONTROL DEVICE SHALL BE REFLECTORIZED WHEN USED AT NIGHT. CONES SHALL BE EQUIPPED WITH REFLECTORIZED COLLAR WHEN USED AT NIGHT. FLASHING LIGHTS SHALL BE USED WITH BARRICADES AND STEADY BURN LIGHTS WHEN USED IN A SERIES FOR CHANNELIZATION. FLAGGER STATIONS SHALL BE ADEQUATELY ILLUMINATED AT NIGHT.
21. CONTRACTOR TO PROVIDE ACCESS AND/OR DIRECTION SIGNS TO REROUTE PEDESTRIAN TRAFFIC.
22. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE THE USE AND DURATION OF STEEL PLATES. ALL STEEL PLATES SHALL HAVE A NON-SKID SURFACING. THE COUNTY MAY REQUIRE THE BACKFILLING AND PATCHING OF THE TRENCH DUE TO THE EXCESSIVE USE OF STEEL PLATES.
23. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NON-SLIP BRIDGING MATERIAL, INCLUDING SHORING OVER TRENCHES IN PAVEMENT AREAS. THE BRIDGING SHALL BE ABLE TO SUPPORT ALL TYPES OF VEHICULAR AND PEDESTRIAN TRAFFIC.
24. WHERE PEDESTRIAN WALKWAYS EXIST, THEY SHALL BE MAINTAINED IN A SAFE AND PASSABLE CONDITION OR OTHER FACILITIES FOR PEDESTRIANS SHALL BE PROVIDED. PASSAGES BETWEEN WALKWAYS AT INTERSECTIONS SHALL LIKEWISE BE PROVIDED.

PEDESTRIAN NOTES:

1. PEDESTRIAN SAFETY REQUIREMENTS AS STATED IN MUTCD CHAPTER 6D MUST BE ADHERED TO DURING CONSTRUCTION
2. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES
3. THE WIDTH OF THE EXISTING PEDESTRIAN FACILITY SHOULD BE PROVIDED FOR THE TEMPORARY FACILITY IF PRACTICAL WHEN IT IS NOT PRACTICAL TO MAINTAIN A MINIMUM WIDTH OF 60 INCHES THROUGHOUT THE ENTIRE LENGTH OF THE PEDESTRIAN PATHWAY, A 60 INCH x 60 INCH PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET TO ALLOW INDIVIDUALS IN WHEELCHAIRS TO PASS.

POSTED SPEED LIMIT (M.P.H.)	SIGN SPACING (FEET) (D)	TAPER LENGTH (T) (FEET)		LONGITUDINAL BUFFER SPACE (B) (FEET)	SPACING OF CONES OR DELINEATORS (FEET)		
		W = 12' OR LESS*	W = GREATER THAN 12*		TAPER	TANGENT	WORK AREA
20	250	200	W X 17	35	20	20	10
25	250	200	W X 17	55	25	25	10
30	250	250	W X 20	85	30	30	10
35	250	250	W X 20	120	35	35	10
40	500	350	W X 30	170	40	40	10
45	500	550	W X 45	220	45	45	10
50	1000	600	W X 50	280	50	50	10
55	1000	700	W X 55	335	55	55	10

* W = WIDTH OF LANE, SHOULDER, OR OFFSET.

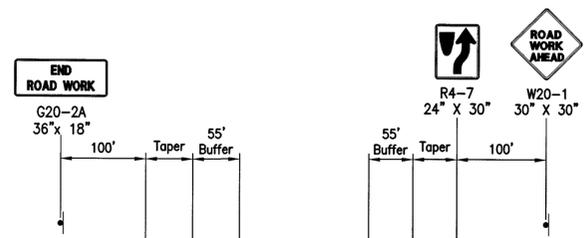
DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:  11-24-14
COUNTY ENGINEER DATE



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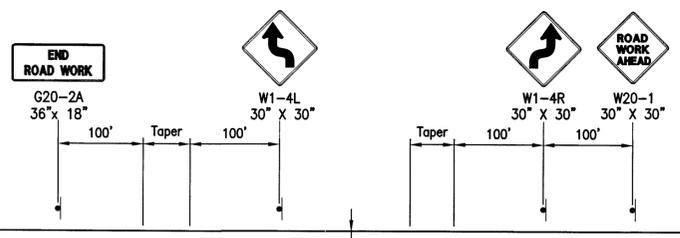
COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION
TRAFFIC CONTROL PLAN - NOTES
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014
SHEET No. 1 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	89A	145



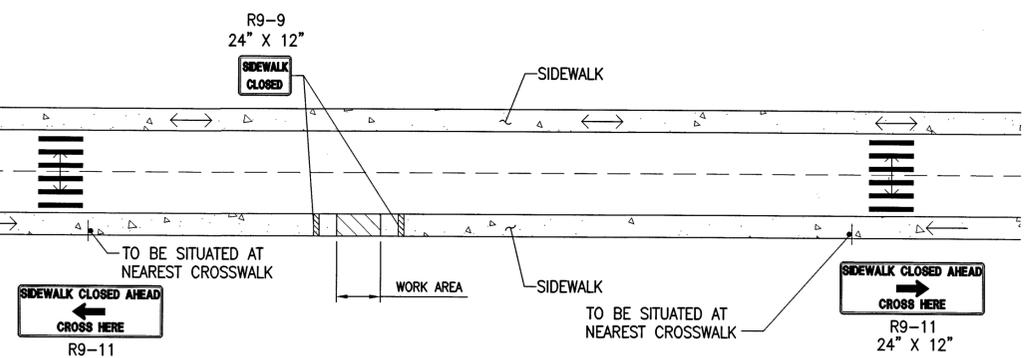
TRAFFIC CONTROL PLAN - WORK IN CENTER OF ROAD

NOT TO SCALE



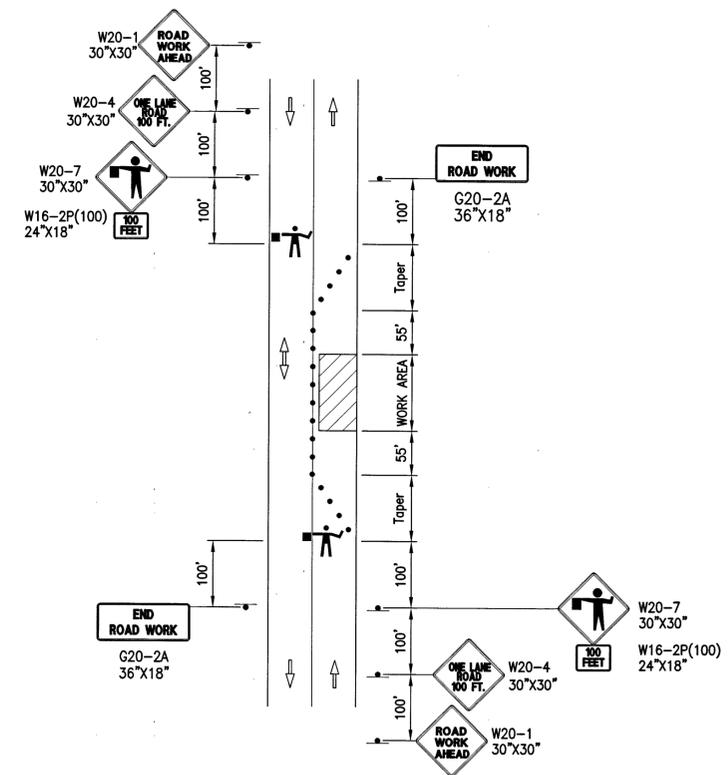
TRAFFIC CONTROL PLAN - TWO LANE SHIFT

NOT TO SCALE



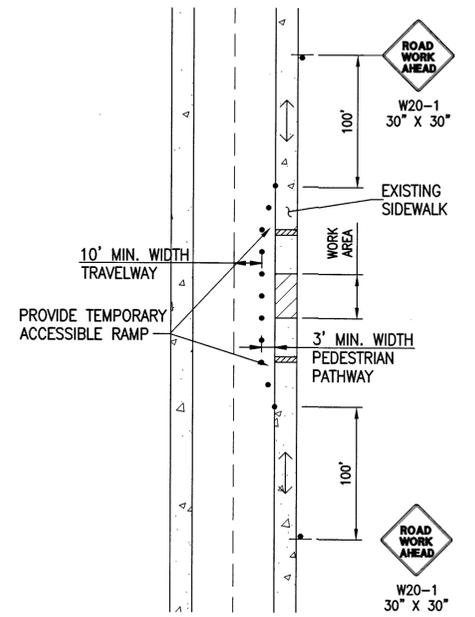
TRAFFIC CONTROL PLAN - SIDEWALK CLOSURE

NOT TO SCALE



TRAFFIC CONTROL PLAN - SINGLE LANE CLOSURE

NOT TO SCALE



TRAFFIC CONTROL PLAN - SIDEWALK DETOUR

NOT TO SCALE

- LEGEND**
- ▬ SIGN
 - CONE OR DELINEATOR
 - ➔ DIRECTION OF TRAFFIC
 - ➔ DIRECTION OF PEDESTRIAN
 - ▬ TYPE 2 BARRICADE WITH SIGN
 - 🚧 POLICE OFFICER/FLAGGER



DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: _____
COUNTY ENGINEER
DATE: 11-2-14

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EXPIRATION DATE OF THE LICENSE: APRIL 30, 2016

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

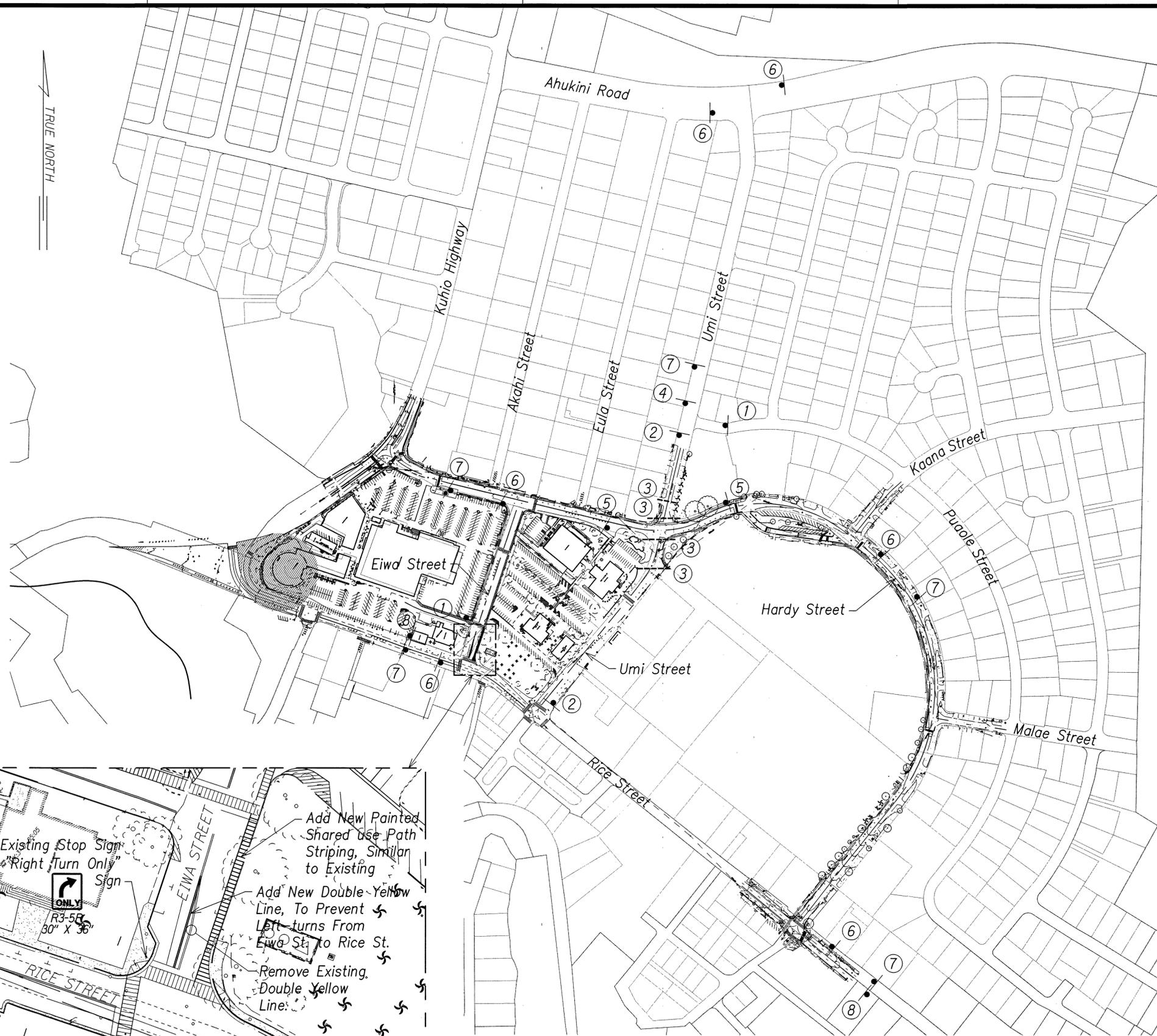
TRAFFIC CONTROL PLAN - DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 2 OF 19 SHEETS

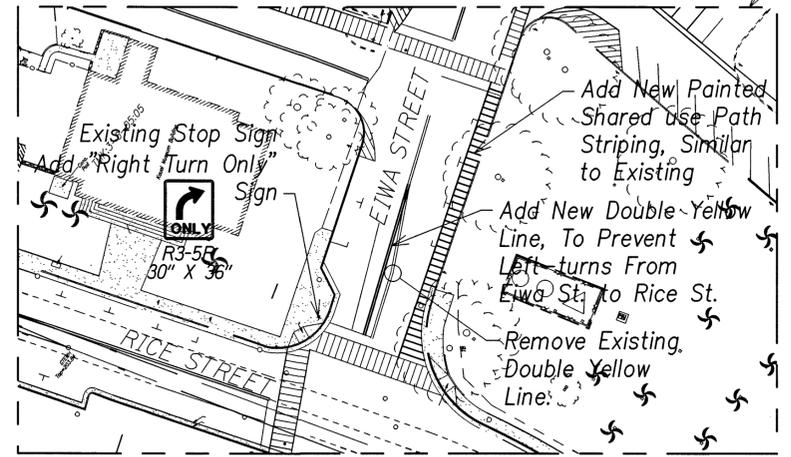
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	90	145



LEGEND:

- ① R3-2
24" X 24"
- ② R11-4
60" x 30" Mounted On Type 3 Barricade
- ③ R11-2
48" x 30" Mounted On Type 3 Barricade
- ④ R3-5L
24" X 24"
- ⑤ R3-3
24" X 24"
- ⑥ UMI STREET CLOSED AT HARDY STREET USE ALTERNATE ROUTE
Size To be Determined
- ⑦ ROAD WORK AHEAD
W20-1
30" X 30"
- ⑧ END ROAD WORK
G20-2
36" X 18"

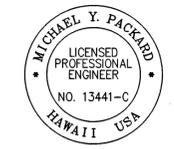
Construction Sign
 Type 3 Barricade with Sign



EIWA INTERSECTION DETAIL
 Scale: N.T.S.

UMI STREET CLOSURE DETAIL
 Scale: N.T.S.
 PHASE 1B AND PHASE 1C

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED: 11/2/14
 COUNTY ENGINEER DATE

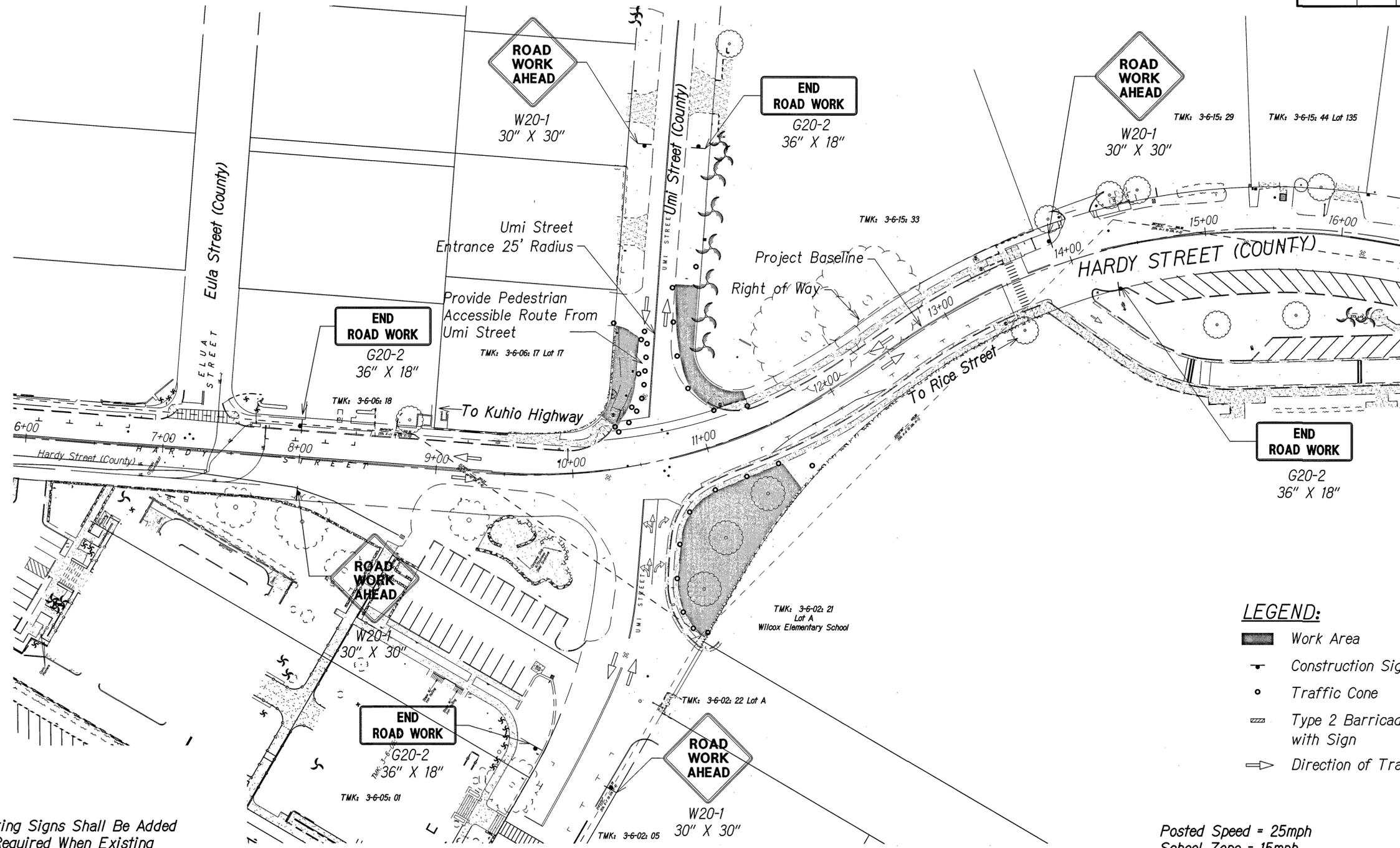


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COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
UMI STREET CLOSURE
DETAIL
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 3 OF 19 SHEETS

W:\CIVIL 3D PROJECTS\2012_136,000 EMP HARDY STREET DB\TRAFFIC DRAWINGS\3 DETAIL UMI STREET CLOSURE.DWG 3/12/2014 12:59 PM

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	91	145



TRUE NORTH
SCALE: 1" = 40'

LEGEND:

- Work Area
- Construction Sign
- Traffic Cone
- Type 2 Barricade with Sign
- Direction of Traffic

Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

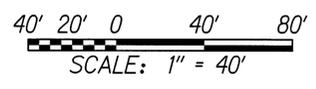
NOTE:

1. No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
2. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

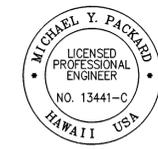
TRAFFIC CONTROL PLAN - PHASE 1A (ROUNDAABOUT)

Scale: 1" = 40'
ROUNDAABOUT, SPLITTER ISLANDS AND ADJACENT MEDIAN ISLANDS

GRAPHICAL SCALES:



DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: 11-21-14
COUNTY ENGINEER DATE



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COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

TRAFFIC CONTROL PLAN - PHASE 1A (ROUNDAABOUT)

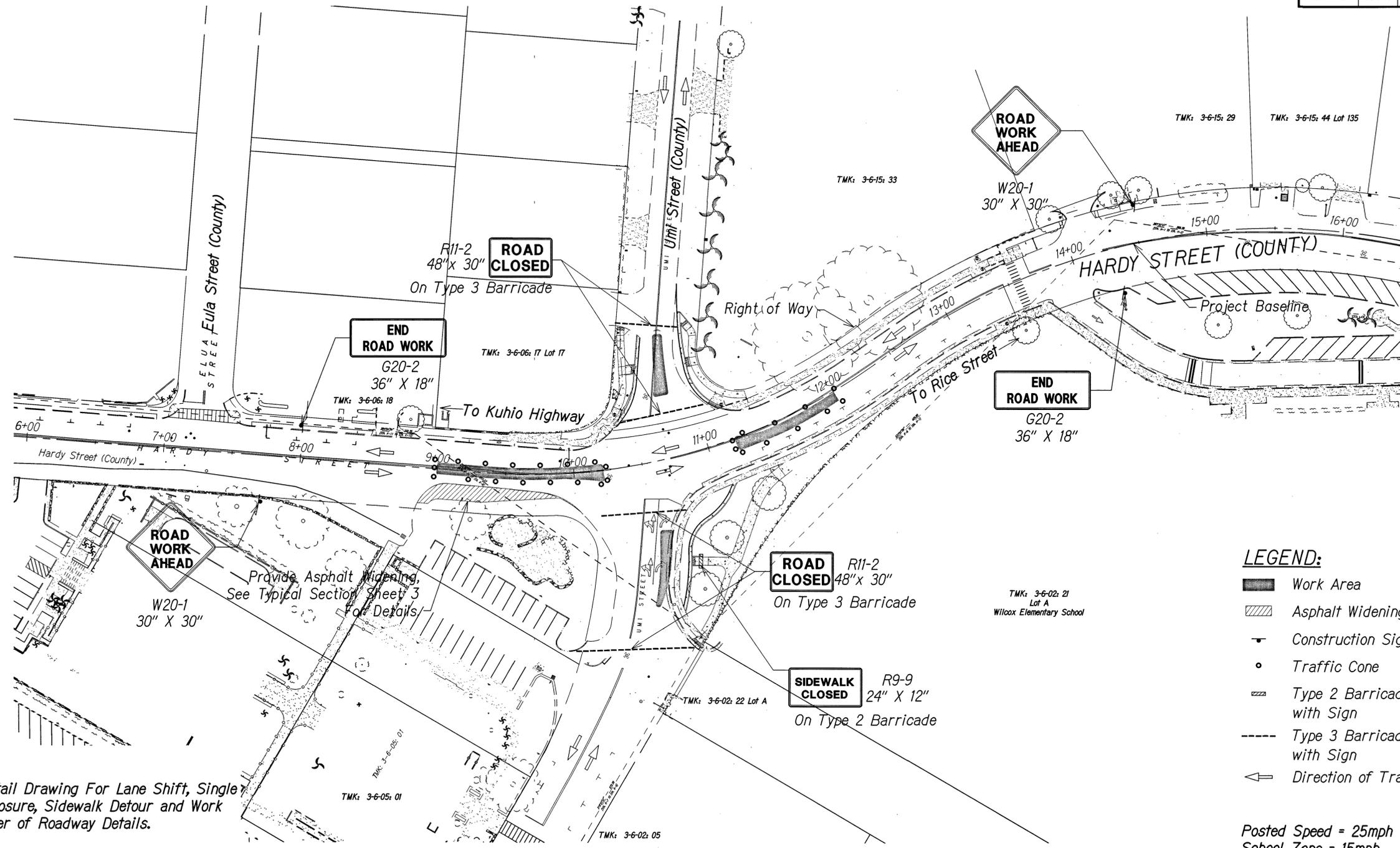
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 4 OF 19 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	92	145



TRUE NORTH
SCALE: 1" = 40'

LEGEND:

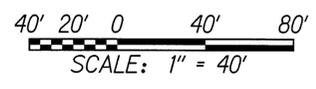
- Work Area
- Asphalt Widening
- Construction Sign
- Traffic Cone
- Type 2 Barricade with Sign
- Type 3 Barricade with Sign
- Direction of Traffic

Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

NOTE:

1. See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
2. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.
3. Implement Umi Street Closure Detail During Phases 1B, 1C and 1D.

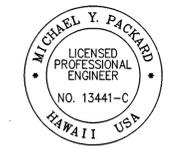
GRAPHICAL SCALES:



TRAFFIC CONTROL PLAN - PHASE 1B (ROUNDABOUT)

Scale: 1" = 40'
ROUNDABOUT, SPLITTER ISLANDS AND ADJACENT MEDIAN ISLANDS

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: 11-2-14
COUNTY ENGINEER DATE



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 APRIL 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

TRAFFIC CONTROL PLAN - PHASE 1B (ROUNDABOUT)

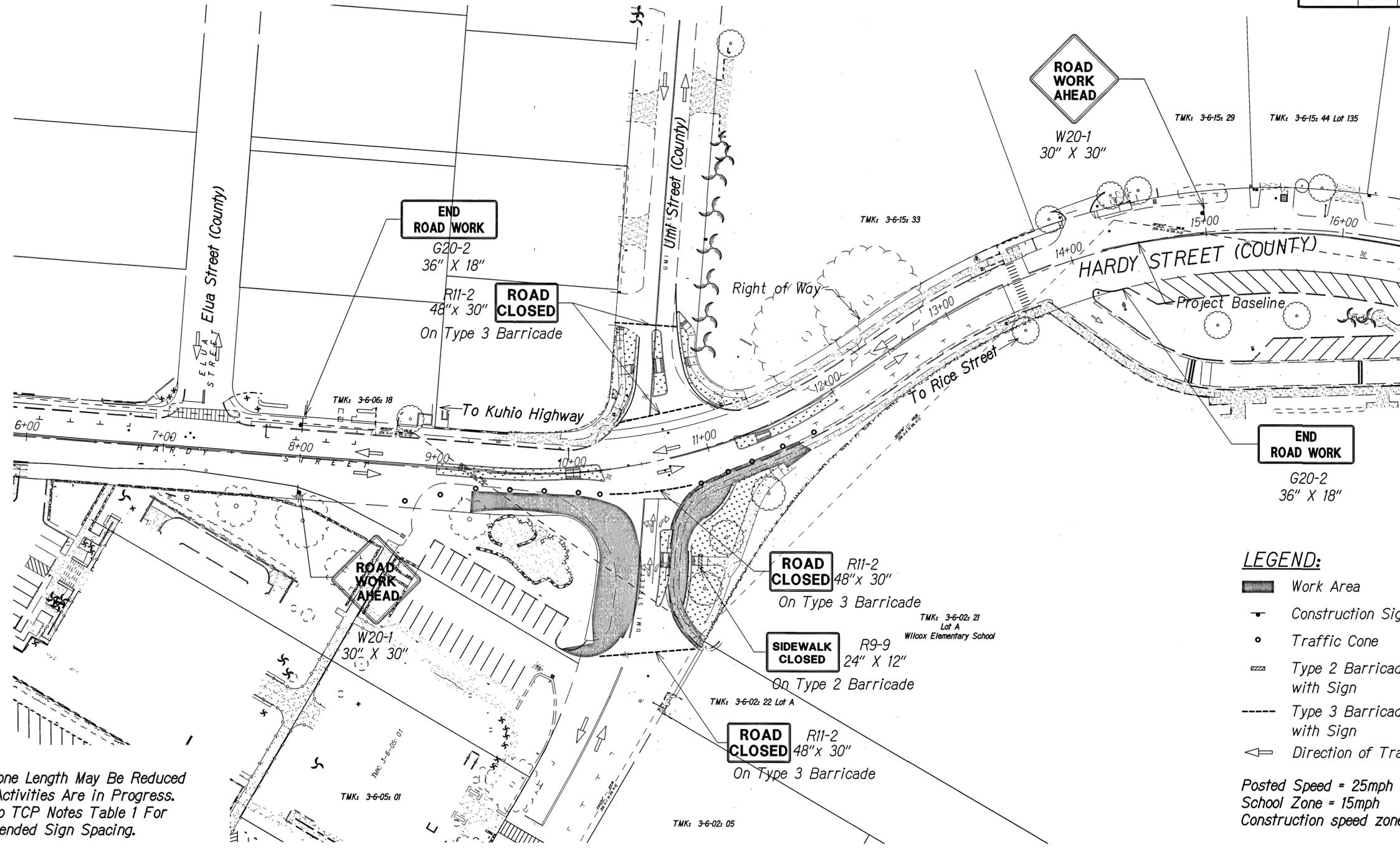
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 5 OF 19 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	93	145



TRUE NORTH
SCALE: 1" = 40'

LEGEND:

- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Type 3 Barricade with Sign
 - Direction of Traffic
- Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

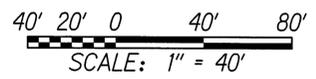
NOTE:

1. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.
2. Implement Umi Street Closure Detail During Phases 1B, 1C and 1D.

TRAFFIC CONTROL PLAN - PHASE 1C (ROUNDAABOUT)

Scale: 1" = 40'
ROUNDAABOUT, SPLITTER ISLANDS AND ADJACENT MEDIAN ISLANDS

GRAPHICAL SCALES:



DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:
COUNTY ENGINEER DATE 11/21/14



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SIGNATURE DATE APRIL 30, 2016 EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

TRAFFIC CONTROL PLAN - PHASE 1C (ROUNDAABOUT)

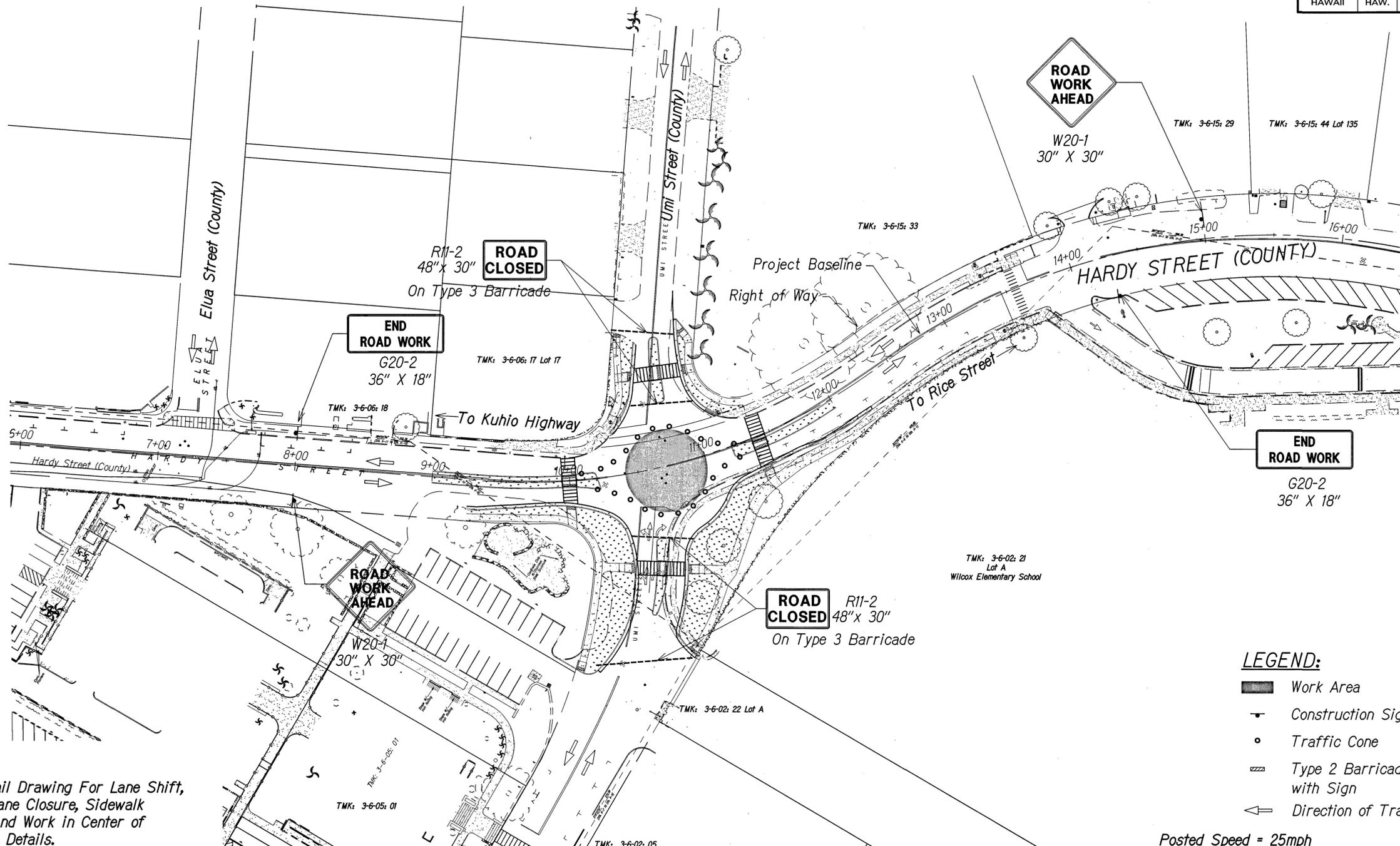
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 6 OF 19 SHEETS

W:\CIVIL 3D PROJECTS\2012-136 000 EMP HARDY STREET DB\TRAFFIC DRAWINGS\TCP_PHASE 1C.DWG 3/12/2014 1:13 PM

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	94	145

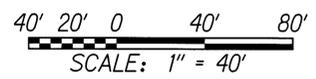


TRUE NORTH
SCALE: 1" = 40'

NOTE:

1. See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
2. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.
3. Implement Umi Street Closure Detail During Phases 1B, 1C and 1D.

GRAPHICAL SCALES:



LEGEND:

- Work Area
- Construction Sign
- Traffic Cone
- Type 2 Barricade with Sign
- Direction of Traffic

Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

TRAFFIC CONTROL PLAN - PHASE 1D (ROUNDBOUT)

Scale: 1" = 40'
ROUNDBOUT, SPLITTER ISLANDS AND ADJACENT MEDIAN ISLANDS

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:
COUNTY ENGINEER DATE 11-21-14



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SIGNATURE DATE APRIL 30, 2016
EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

TRAFFIC CONTROL PLAN - PHASE 1D (ROUNDBOUT)

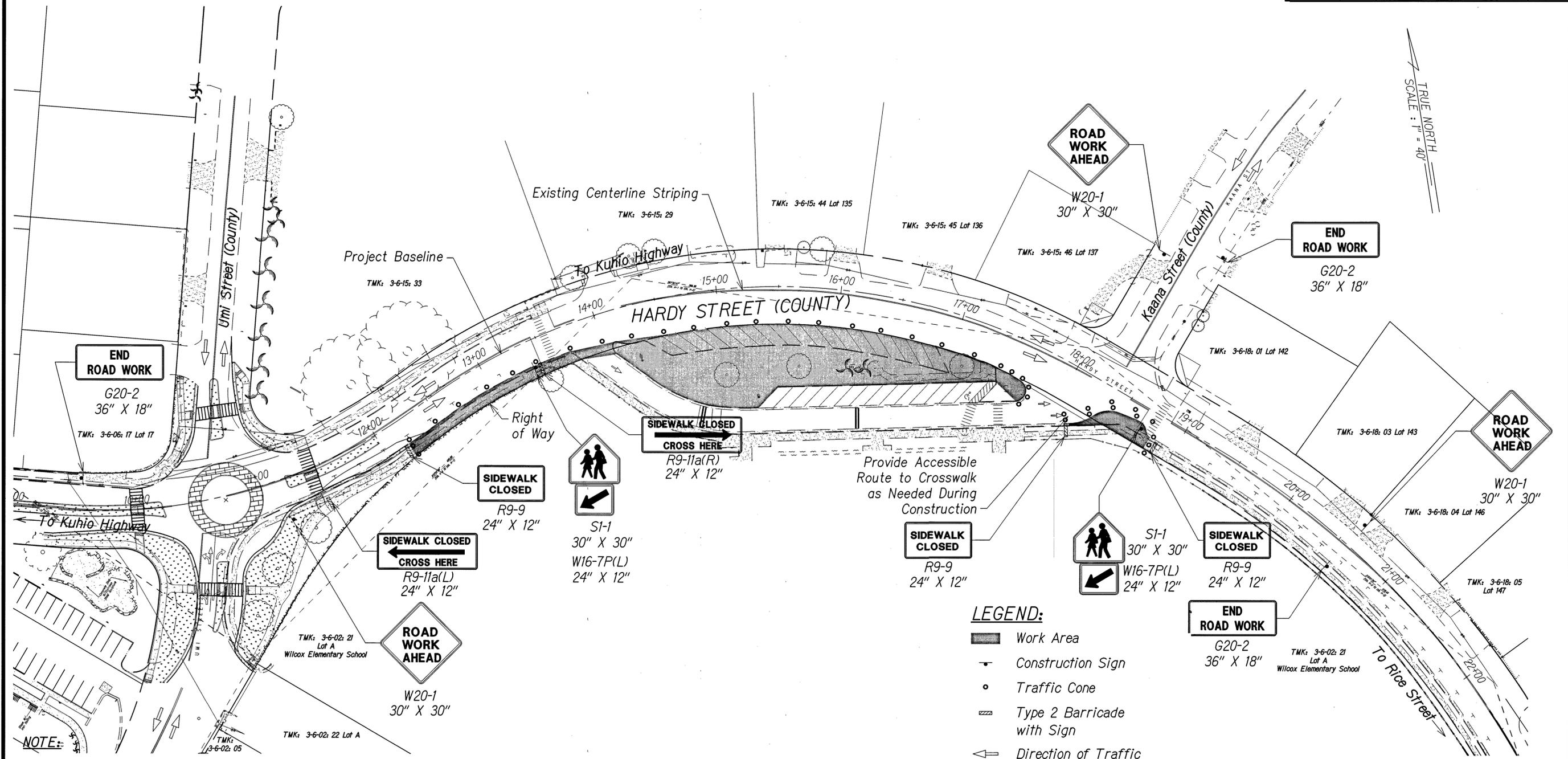
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

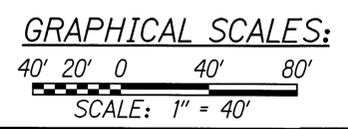
SHEET No. 7 OF 19 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	95	145



- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.



TRAFFIC CONTROL PLAN - PHASE 2 (SHOULDER WORK)

Scale: 1" = 40'
 RICE STREET BOUND SIDE OF HARDY STREET,
 FROM STA. 12+20 TO KAANA STREET

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED:

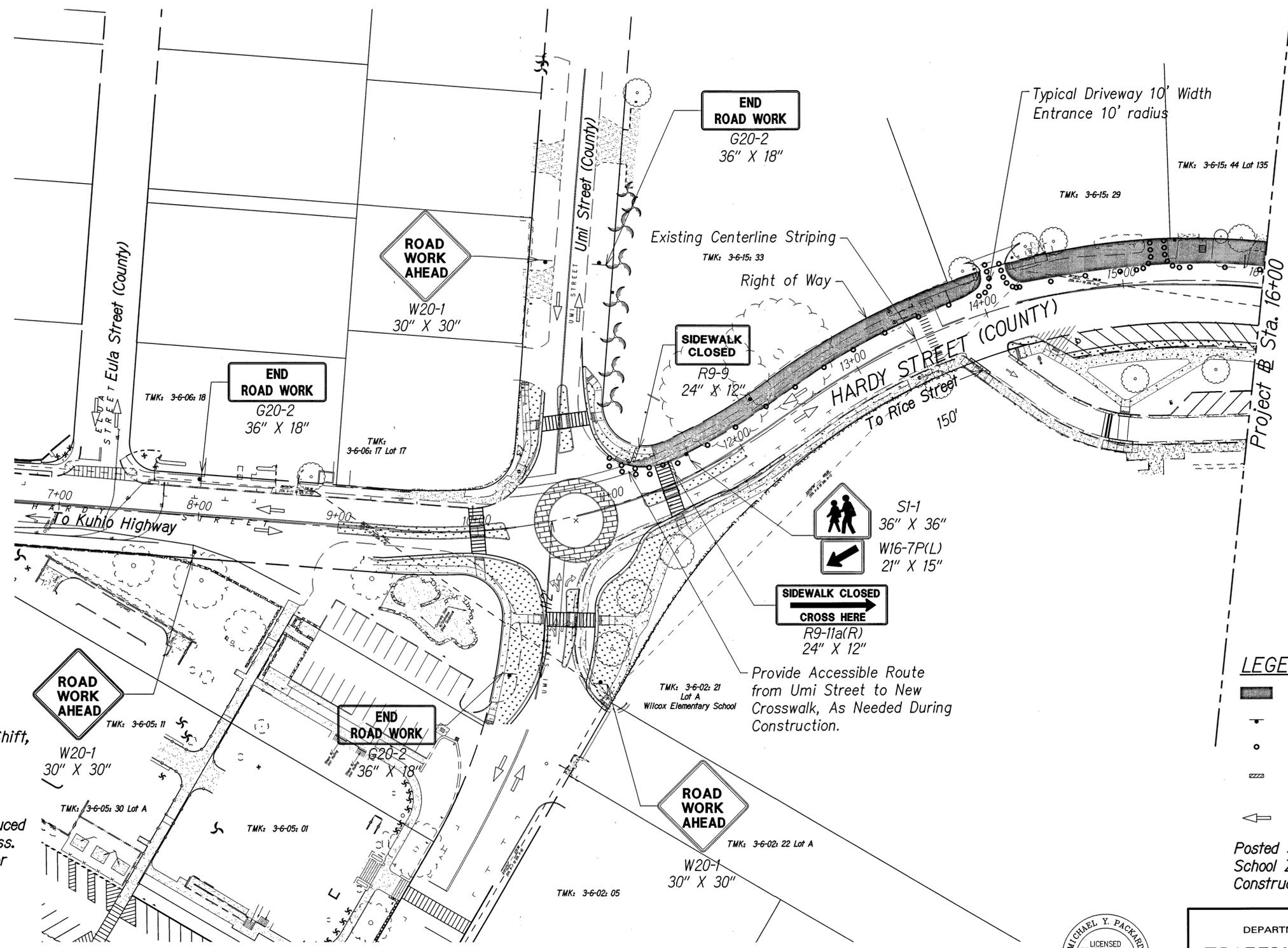
 COUNTY ENGINEER
 DATE: 11/24/14

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 SIGNATURE:
 EXPIRATION DATE OF THE LICENSE: APRIL 30, 2016

COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 2 (SHOULDER WORK)
STA. 12+20 TO KAANA ST.
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 8 OF 19 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	96	145



TRUE NORTH
SCALE: 1" = 40'

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- NOTE:**
1. See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 2. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic
- Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

GRAPHICAL SCALES:

40' 20' 0 40' 80'

SCALE: 1" = 40'

TRAFFIC CONTROL PLAN - PHASE 3 (SHOULDER WORK)

Scale: 1" = 40'
KUHIO HIGHWAY BOUND SIDE OF HARDY STREET,
FROM UMI STREET TO KAANA STREET

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI

APPROVED: _____
COUNTY ENGINEER

11/24/14
DATE



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Signature: *M. Packard*
EXPIRATION DATE OF THE LICENSE: APRIL 30, 2016

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

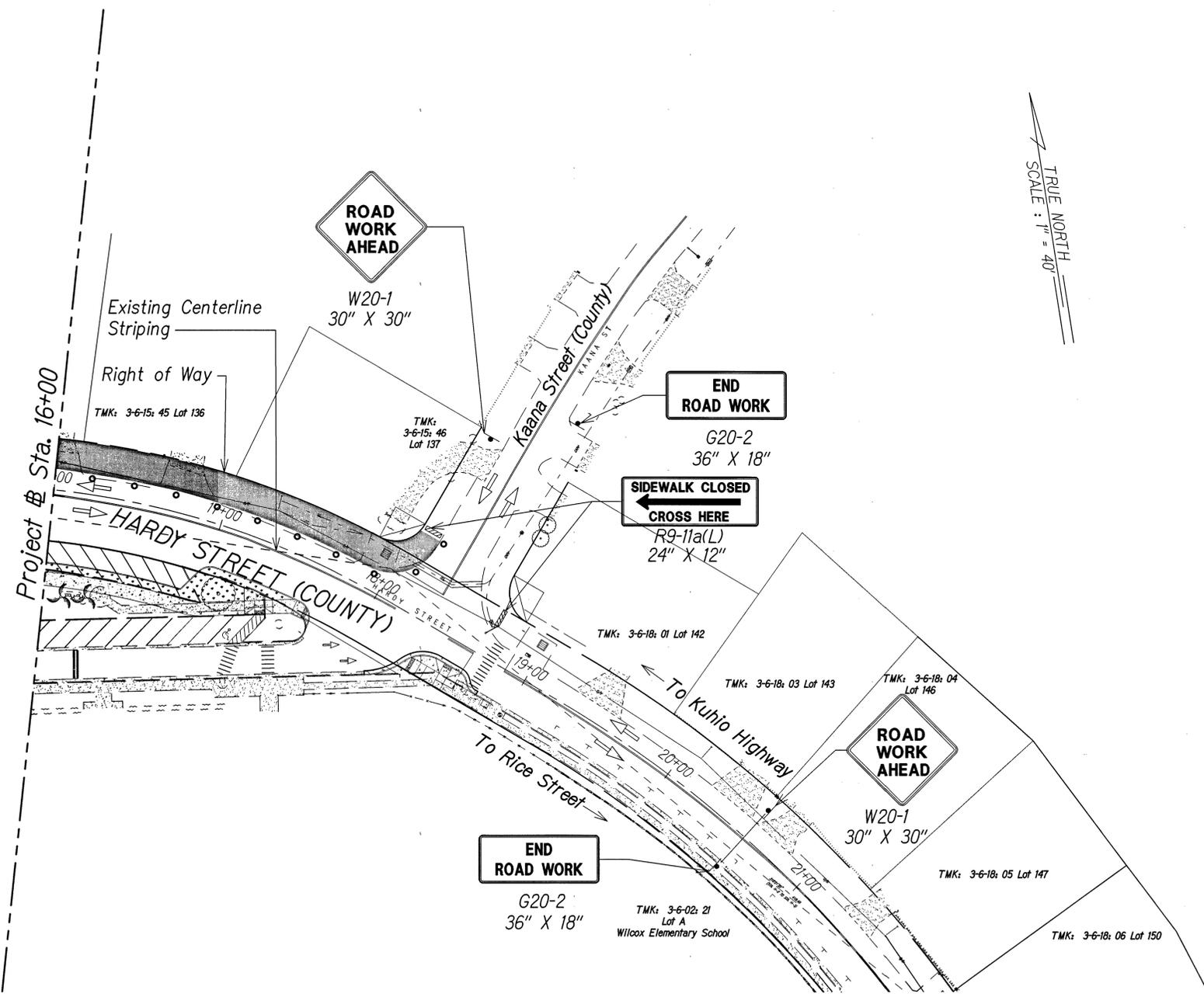
TRAFFIC CONTROL PLAN - PHASE 3 (SHOULDER WORK)
UMI STREET TO KAANA ST.

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 9 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	97	145



TRUE NORTH
SCALE: 1" = 40'

- NOTE:**
- See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic
- Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: 11-24-14
COUNTY ENGINEER DATE

TRAFFIC CONTROL PLAN - PHASE 3 (SHOULDER WORK)
Scale: 1" = 40'
KUHIO HIGHWAY BOUND SIDE OF HARDY STREET, FROM UMI STREET TO KAANA STREET

GRAPHICAL SCALES:
40' 20' 0 40' 80'
SCALE: 1" = 40'

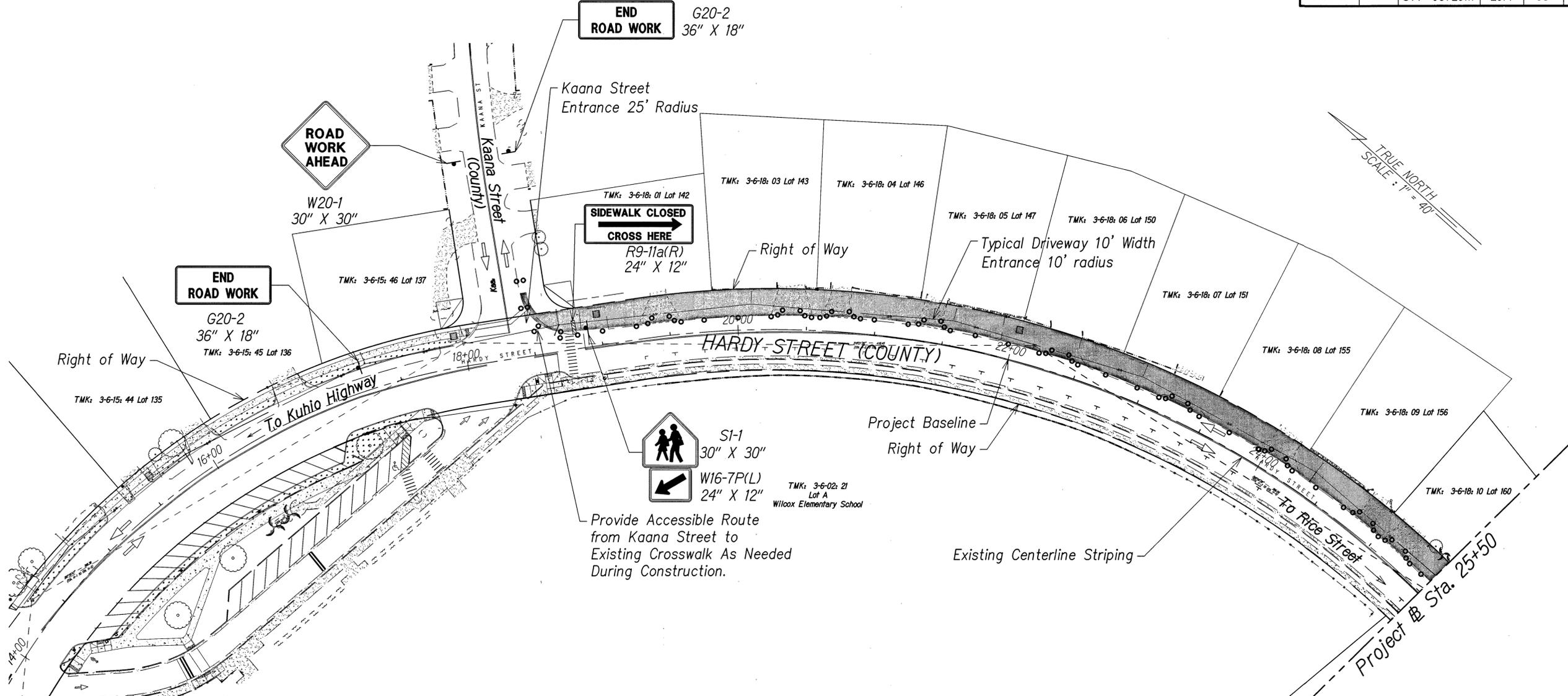


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 APRIL 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 3 (SHOULDER WORK)
UMI STREET TO KAANA ST.
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014
SHEET No. 10 OF 19 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	98	145

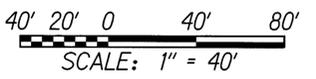


TRAFFIC CONTROL PLAN - PHASE 4 (SHOULDER WORK)
 Scale: 1" = 40'
 KUHIO HIGHWAY BOUND SIDE OF HARDY STREET, FROM KAANA STREET TO RICE STREET

NOTE:

- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
- See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
- Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

GRAPHICAL SCALES:



LEGEND:

- Work Area
- Construction Sign
- Traffic Cone
- Type 2 Barricade with Sign
- Direction of Traffic

Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED:

 COUNTY ENGINEER DATE: 11/21/14



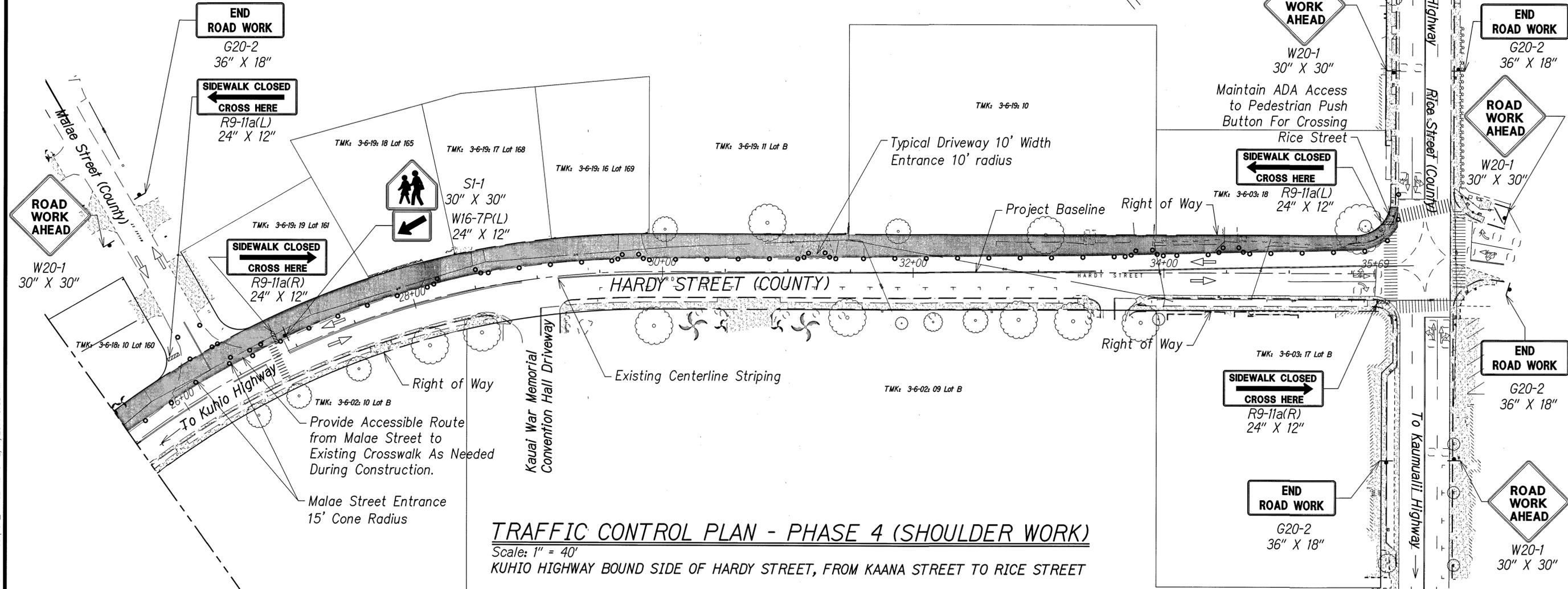
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 Signature:
 EXPIRATION DATE OF THE LICENSE: APRIL 30, 2016

COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 4 (SHOULDER WORK)
KAANA ST. TO RICE ST.
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 11 OF 19 SHEETS

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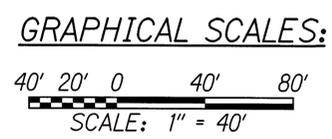
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	99	145

TRUE NORTH
SCALE: 1" = 40'



TRAFFIC CONTROL PLAN - PHASE 4 (SHOULDER WORK)
 Scale: 1" = 40'
 KUHIO HIGHWAY BOUND SIDE OF HARDY STREET, FROM KAANA STREET TO RICE STREET

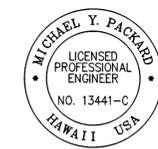
- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.



LEGEND:

- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic
- Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED: 11/24/14
 COUNTY ENGINEER DATE

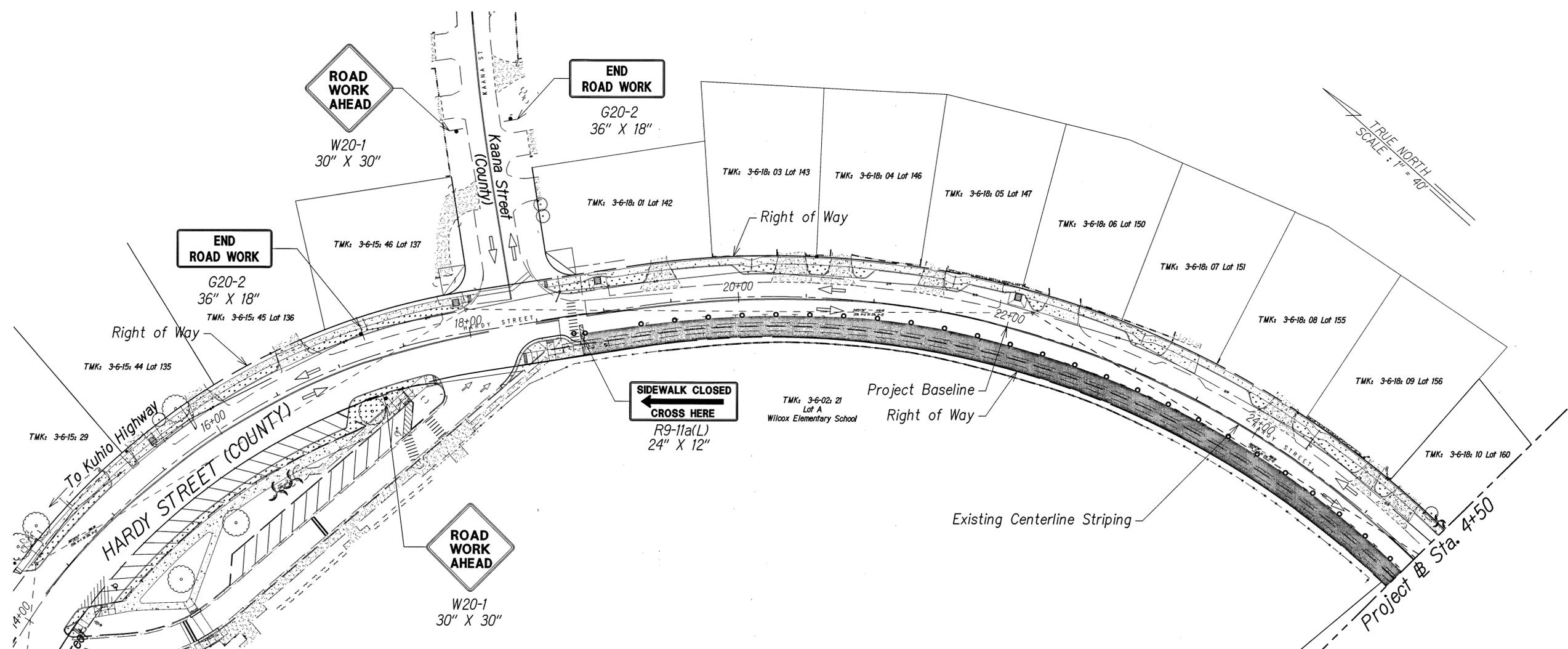


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COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 4 (SHOULDER WORK)
KAANA ST. TO RICE ST.
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 12 OF 19 SHEETS

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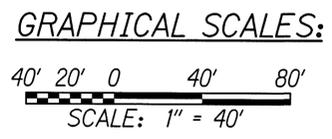
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	100	145



TRAFFIC CONTROL PLAN - PHASE 5 (SHOULDER WORK)
 Scale: 1" = 40'
 RICE STREET BOUND SIDE OF HARDY STREET, FROM KAANA STREET TO RICE STREET

NOTE:

1. No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
2. See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
3. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

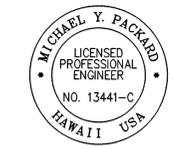


LEGEND:

- Work Area
- Construction Sign
- Traffic Cone
- Type 2 Barricade with Sign
- Direction of Traffic

Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED: 11/21/14
 COUNTY ENGINEER DATE

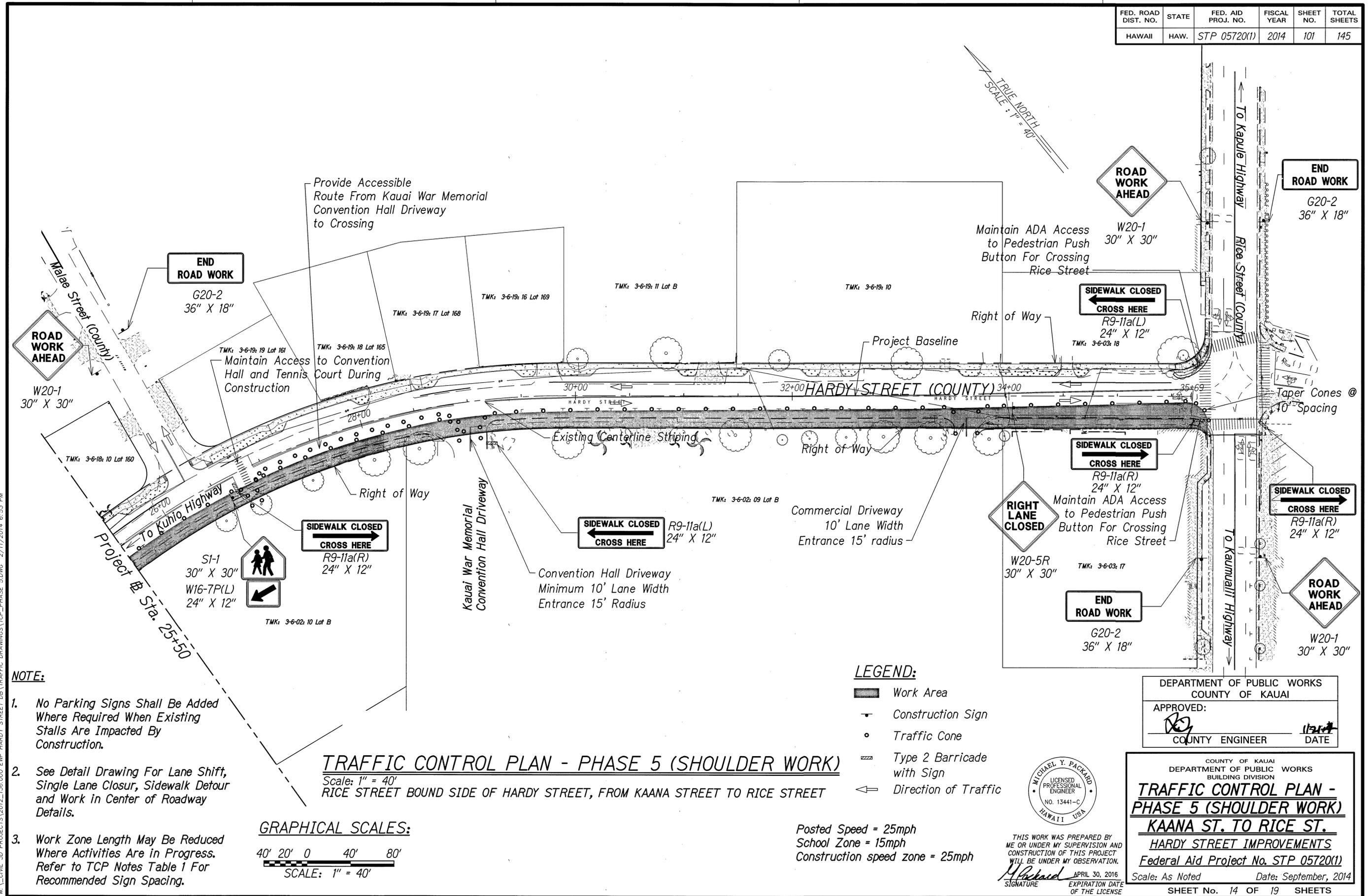


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COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 5 (SHOULDER WORK)
KAANA ST. TO RICE ST.
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 13 OF 19 SHEETS

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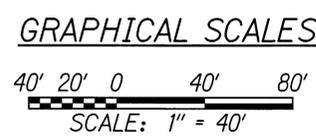
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	101	145



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- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closur, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

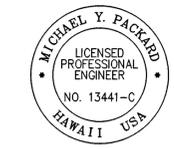
TRAFFIC CONTROL PLAN - PHASE 5 (SHOULDER WORK)
 Scale: 1" = 40'
 RICE STREET BOUND SIDE OF HARDY STREET, FROM KAANA STREET TO RICE STREET



- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic

Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

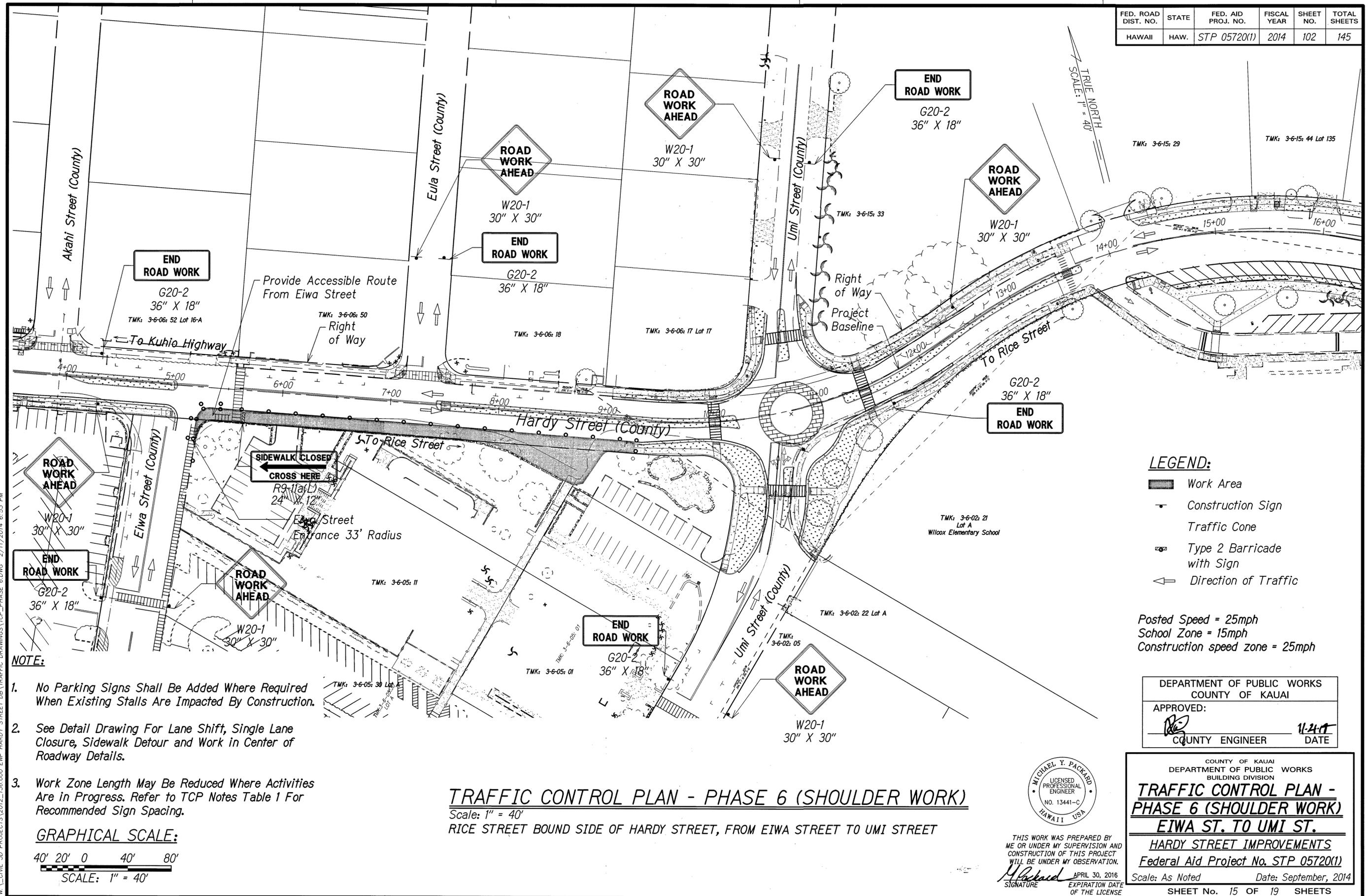
DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED:
 COUNTY ENGINEER DATE



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COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 5 (SHOULDER WORK)
KAANA ST. TO RICE ST.
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 14 OF 19 SHEETS

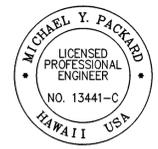
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	102	145



- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic

Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED: COUNTY ENGINEER
 DATE: 11-24-14

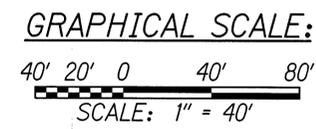


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COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 6 (SHOULDER WORK)
EIWA ST. TO UMI ST.
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 15 OF 19 SHEETS

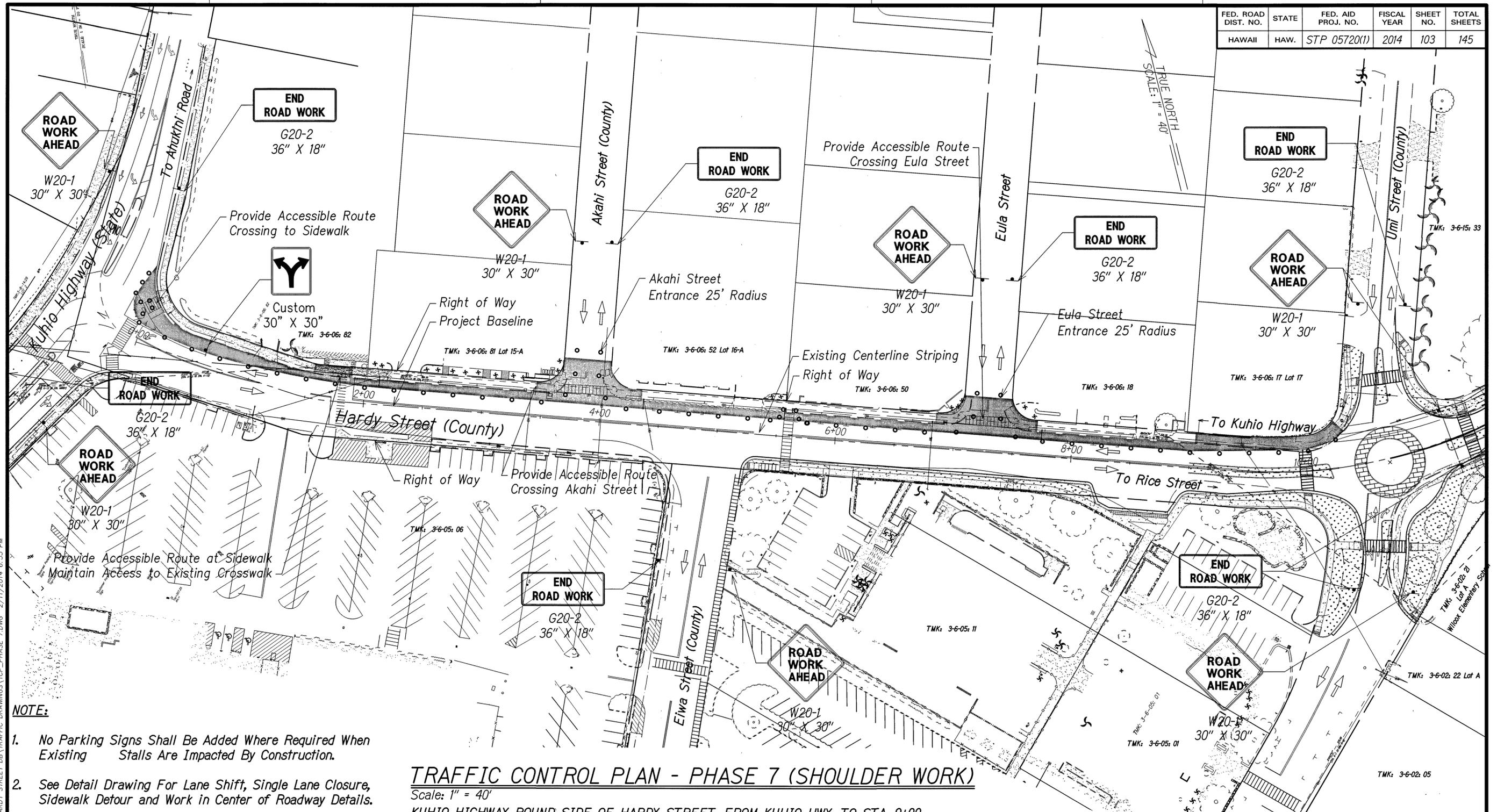
TRAFFIC CONTROL PLAN - PHASE 6 (SHOULDER WORK)
 Scale: 1" = 40'
 RICE STREET BOUND SIDE OF HARDY STREET, FROM EIWA STREET TO UMI STREET

- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

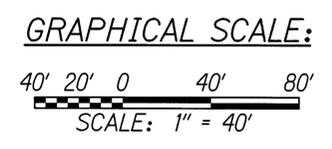


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	103	145



- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.



TRAFFIC CONTROL PLAN - PHASE 7 (SHOULDER WORK)

Scale: 1" = 40'
 KUHIO HIGHWAY BOUND SIDE OF HARDY STREET, FROM KUHIO HWY. TO STA. 9+00

- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic

Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI

APPROVED: 11/21/14
 COUNTY ENGINEER DATE

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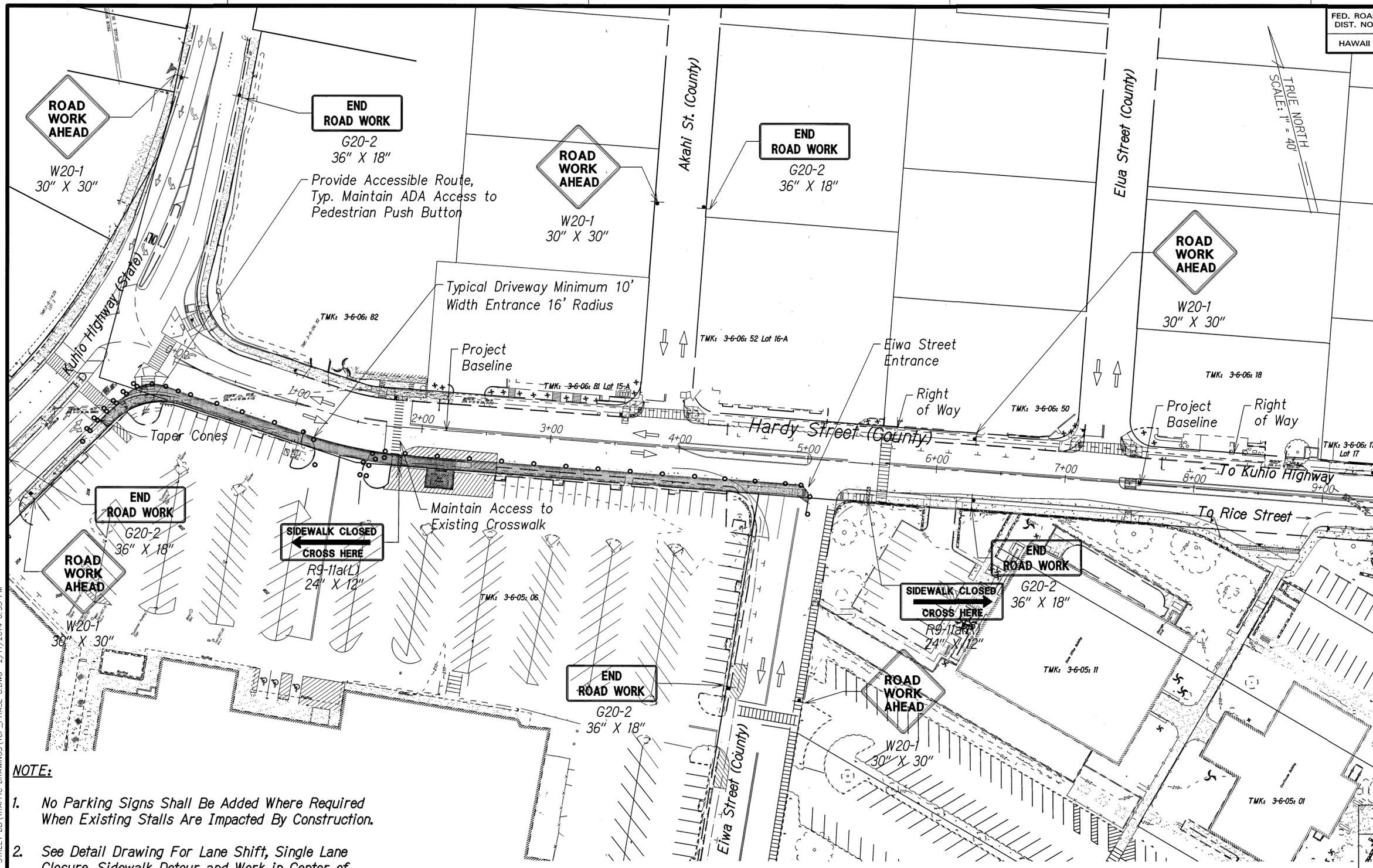
COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION

TRAFFIC CONTROL PLAN - PHASE 7 (SHOULDER WORK)
KUHIO HWY. TO STA. 9+00
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014
 SHEET No. 16 OF 19 SHEETS

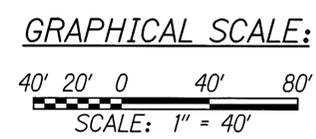
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	104	145



- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic
- Posted Speed = 25mph
School Zone = 15mph
Construction speed zone = 25mph

- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.



TRAFFIC CONTROL PLAN - PHASE 8 (SHOULDER WORK)
Scale: 1" = 40'
RICE STREET BOUND SIDE OF HARDY STREET, FROM KUHIO HWY. TO EIWA STREET

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED: 11-24-14
COUNTY ENGINEER DATE

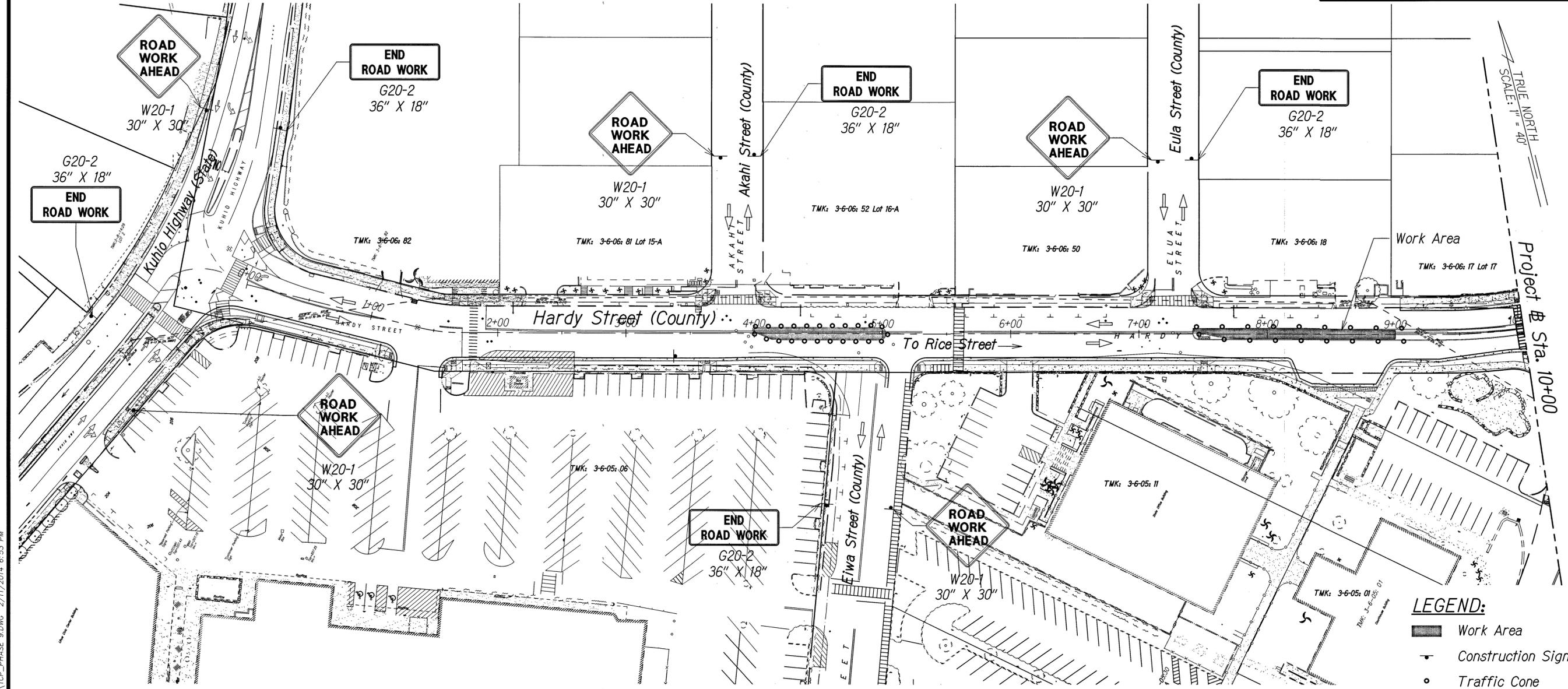


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 APRIL 30, 2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 8 (SHOULDER WORK)
KUHIO HWY. TO EIWA ST.
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014
SHEET No. 17 OF 19 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	105	145

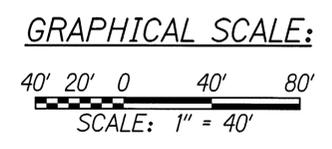


- LEGEND:**
- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic

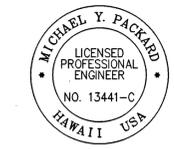
- NOTE:**
- No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
 - See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
 - Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

TRAFFIC CONTROL PLAN - PHASE 9 (MEDIAN WORK)
 Scale: 1" = 40'

Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph



DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED: 11-21-14
 COUNTY ENGINEER DATE



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 APRIL 30, 2016
 SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION

TRAFFIC CONTROL PLAN - PHASE 9 (MEDIAN WORK)

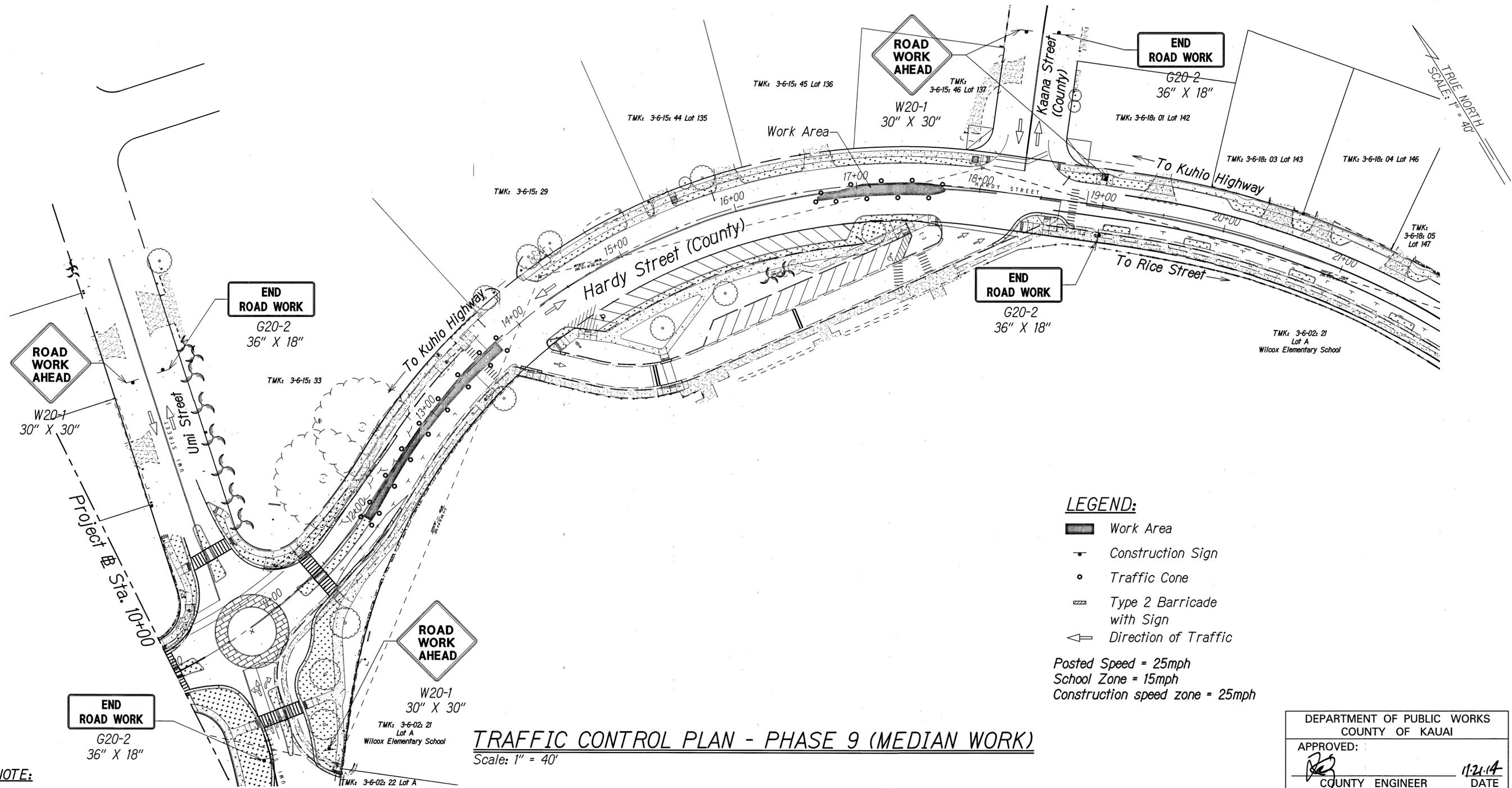
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)

Scale: As Noted Date: September, 2014

SHEET No. 18 OF 19 SHEETS

W:\CIVIL_3D_PROJECTS\2012_136.000_EWP_HARDY_STREET_DE\TRAFFIC_DRAWINGS\TCP_PHASE_9.DWG 2/11/2014 6:53 PM

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014	106	145

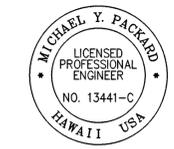


LEGEND:

- Work Area
 - Construction Sign
 - Traffic Cone
 - Type 2 Barricade with Sign
 - Direction of Traffic
- Posted Speed = 25mph
 School Zone = 15mph
 Construction speed zone = 25mph

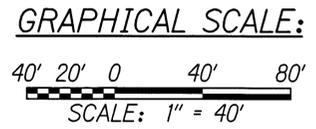
TRAFFIC CONTROL PLAN - PHASE 9 (MEDIAN WORK)
 Scale: 1" = 40'

DEPARTMENT OF PUBLIC WORKS
 COUNTY OF KAUAI
 APPROVED: 11/21/14
 COUNTY ENGINEER DATE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 Signature: APRIL 30, 2016
 EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DIVISION
TRAFFIC CONTROL PLAN - PHASE 9 (MEDIAN WORK)
HARDY STREET IMPROVEMENTS
 Federal Aid Project No. STP 05720(1)
 Scale: As Noted Date: September, 2014
 SHEET No. 19 OF 19 SHEETS

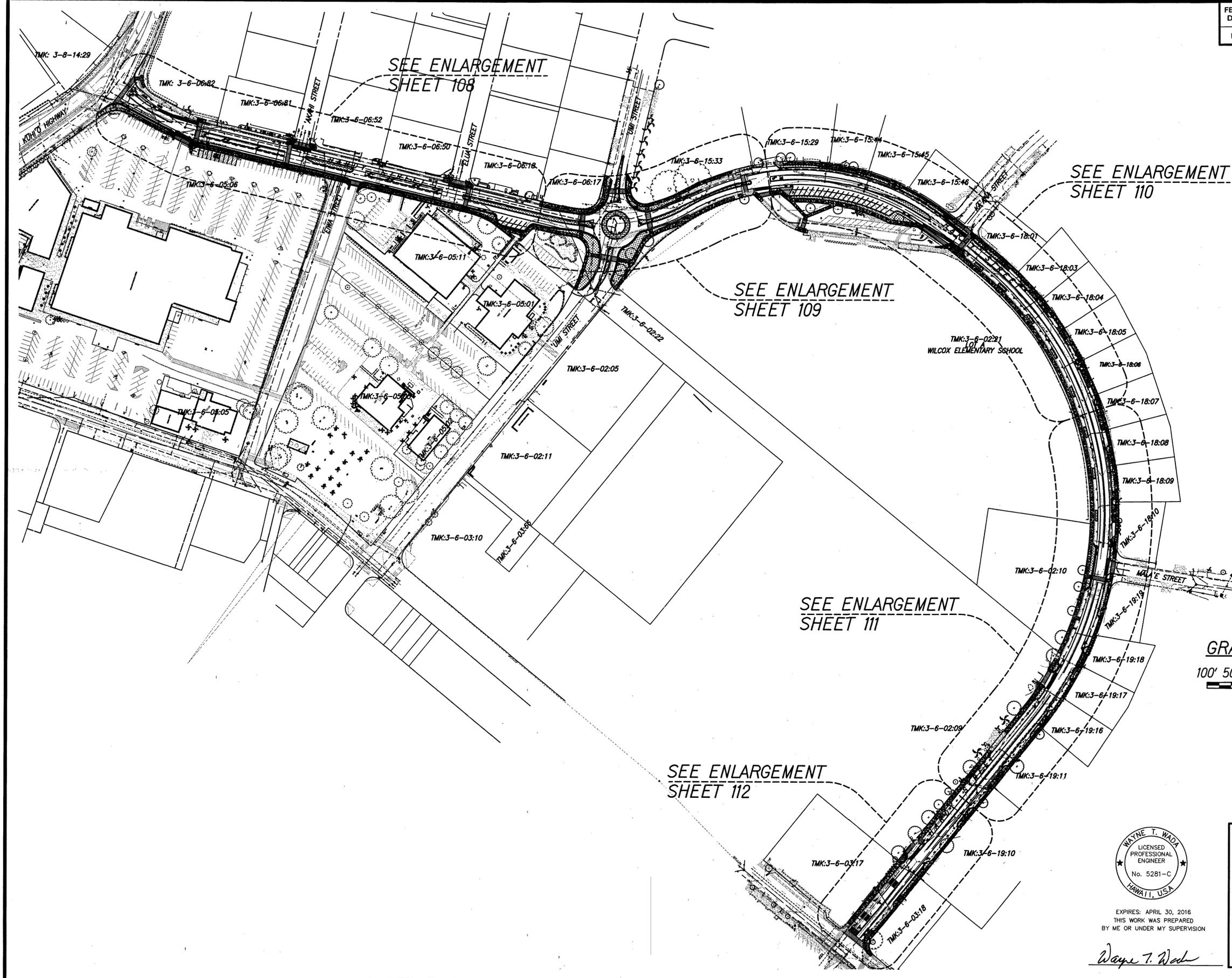


NOTE:

1. No Parking Signs Shall Be Added Where Required When Existing Stalls Are Impacted By Construction.
2. See Detail Drawing For Lane Shift, Single Lane Closure, Sidewalk Detour and Work in Center of Roadway Details.
3. Work Zone Length May Be Reduced Where Activities Are in Progress. Refer to TCP Notes Table 1 For Recommended Sign Spacing.

W:_CIVIL_3D_PROJECTS\2012_136.000_EWP_HARDY_STREET_DE\TRAFFIC_DRAWINGS\TCP_PHASE_9.DWG 2/11/2014 6:53 PM

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 05720(1)	2014		145



TRUE NORTH
SCALE: 1" = 100'

GRAPHICAL SCALE:
100' 50' 0 100' 200'
Scale: 1" = 100'

DEPARTMENT OF PUBLIC WORKS
COUNTY OF KAUAI
APPROVED:
[Signature] 11-24-14
COUNTY ENGINEER DATE



EXPIRES: APRIL 30, 2016
THIS WORK WAS PREPARED
BY ME OR UNDER MY SUPERVISION

Wayne T. Wade

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION
DRAIN SITE PLAN
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 05720(1)
Scale: As Noted Date: September, 2014
SHEET No. 1 OF 22 SHEETS