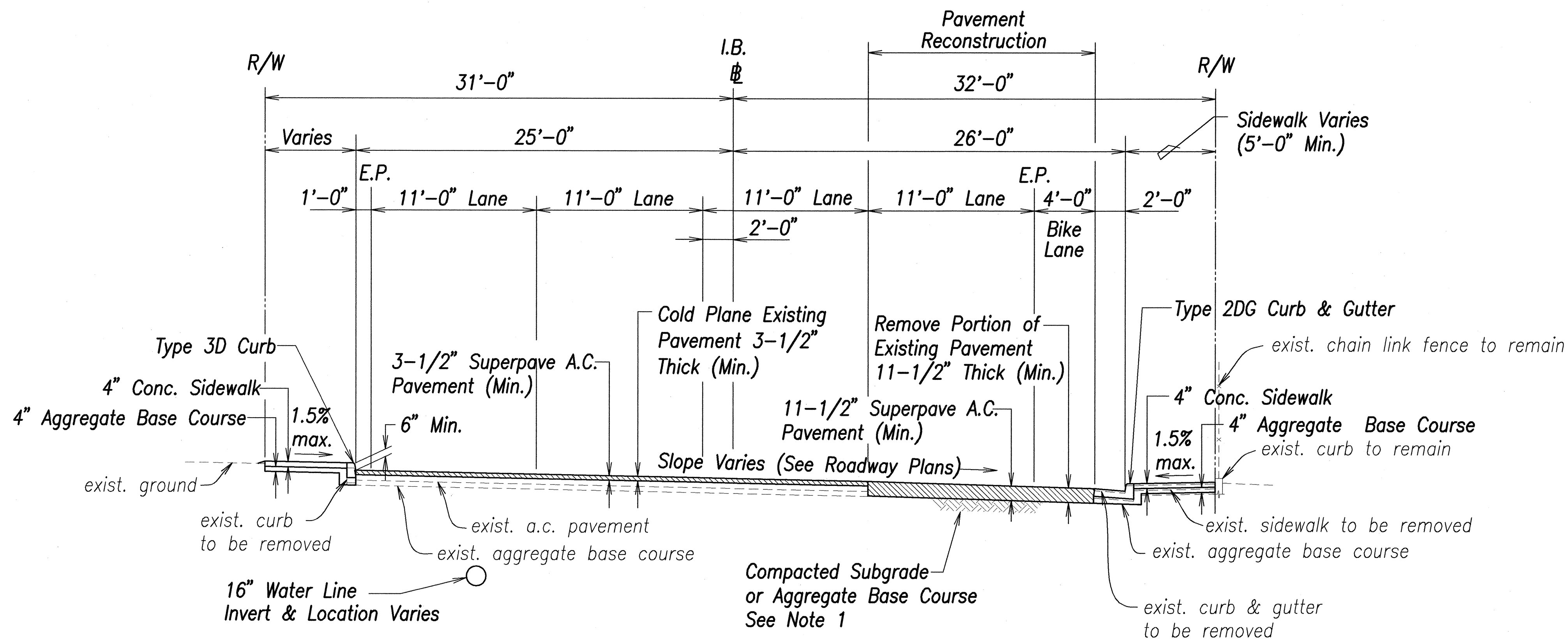
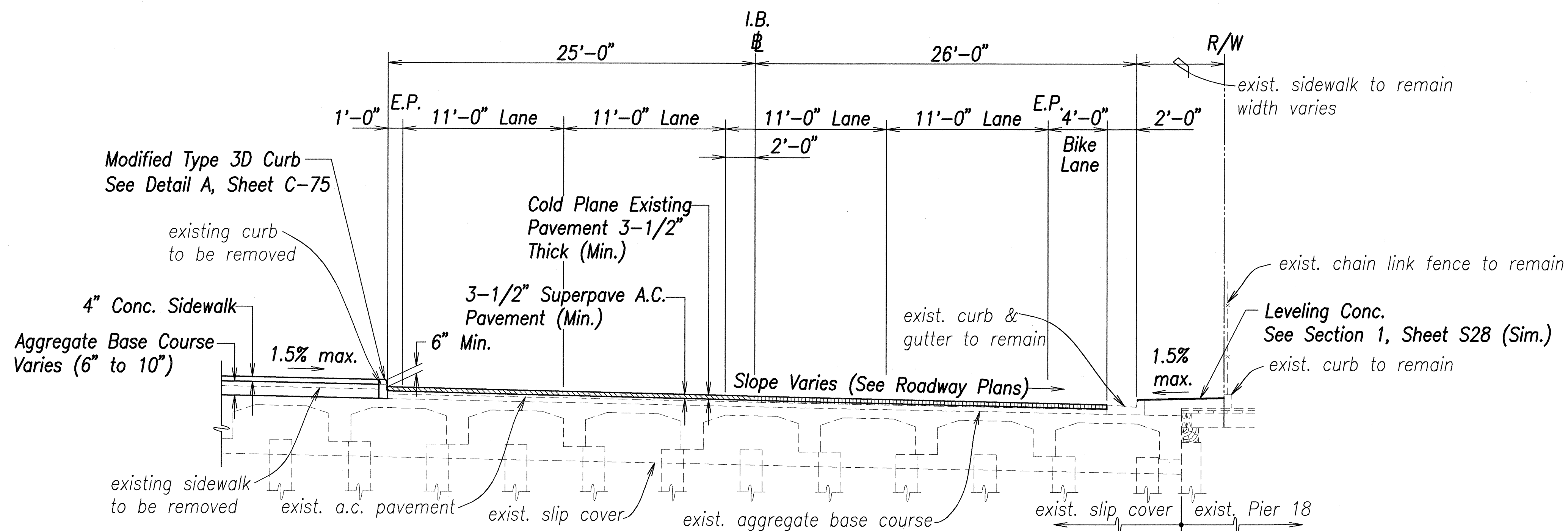


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	26	268



TYPICAL SECTION - I.B. STA. 112+00 TO STA. 112+97.29

SCALE: 1" = 5'



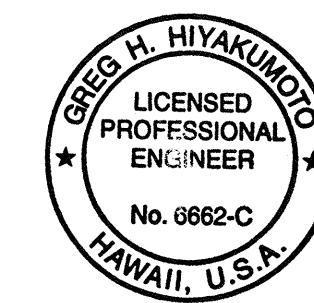
TYPICAL SECTION - I.B. STA. 112+97.29 TO STA. 113+45.76

SCALE: 1" = 5'

#### Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
- Selected material is suitable excavated material from areas within the right-of-way.
- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	DATE
DRAWN BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE
NOTE BOOK	DATE
NO.	DATE



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ME OR UNDER MY SUPERVISION  
SIGNATURE DATE 10/19/01

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

#### TYPICAL SECTIONS-1

NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

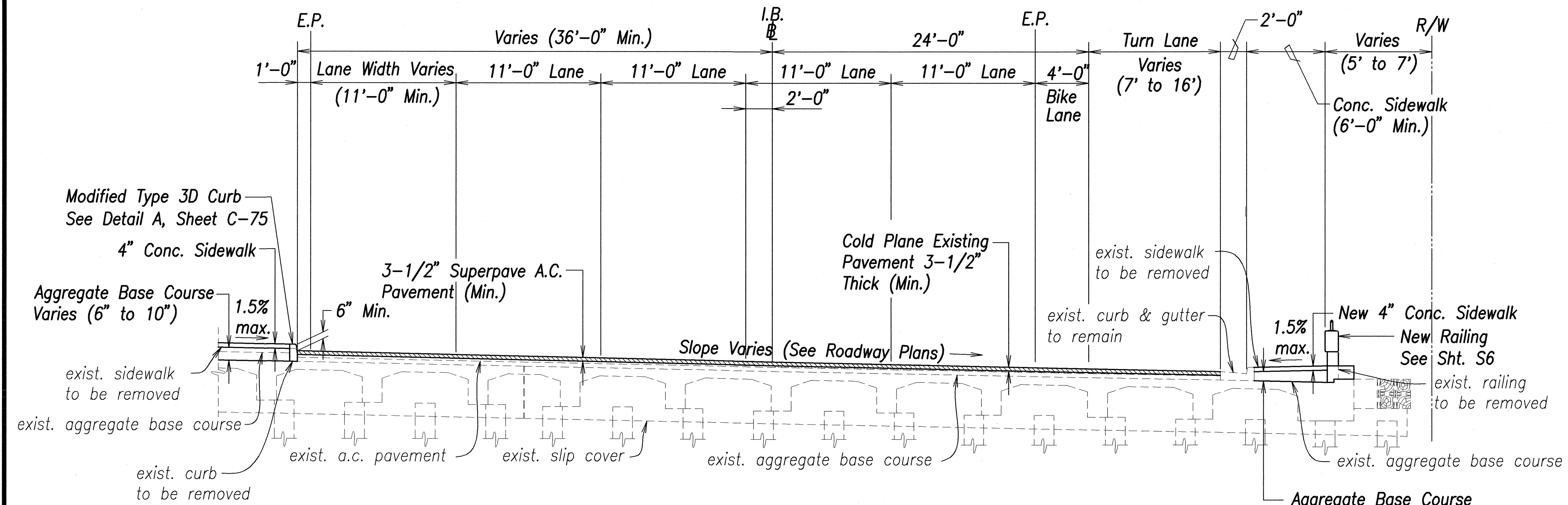
Scale: 1" = 5'

Date: 10/19/01

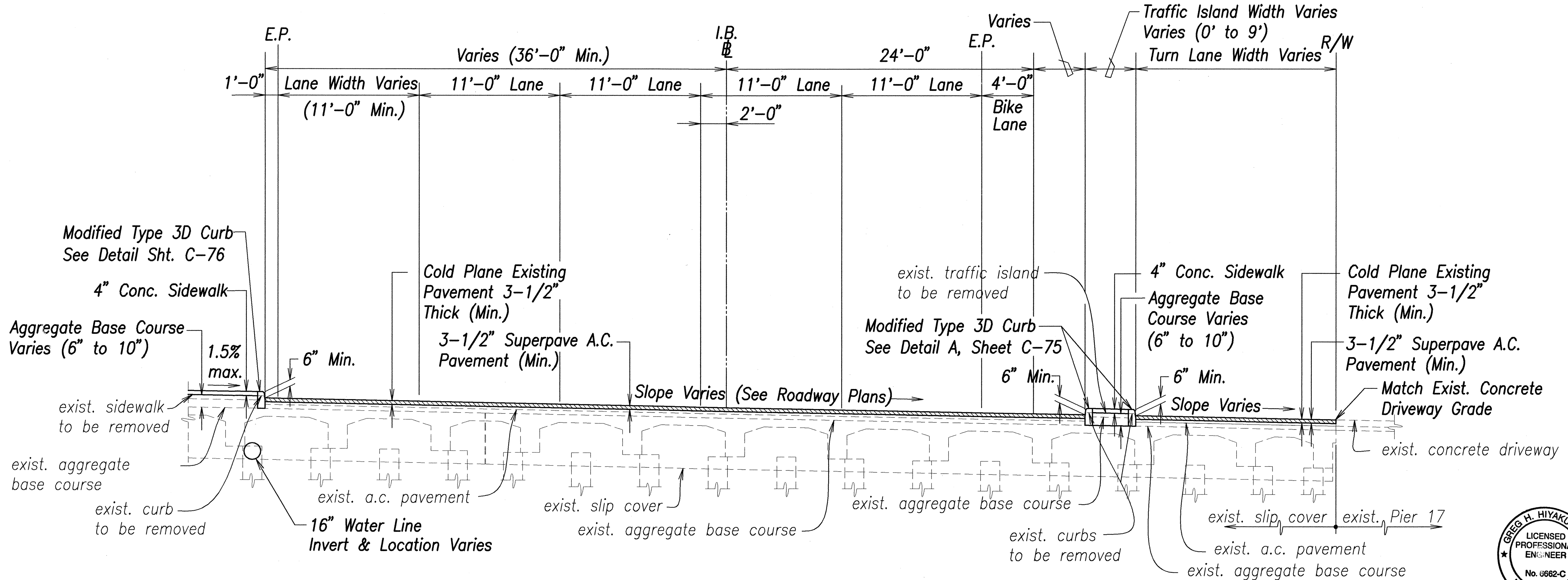
SHEET No. C-22 OF 107 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	27	268

- Notes:
- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
  - Selected material is suitable excavated material from areas within the right-of-way.
  - Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



TYPICAL SECTION - I.B. STA. 113+45.76 to STA. 114+73.57  
SCALE: 1" = 5'



TYPICAL SECTION - I.B. STA. 114+73.57 TO STA. 115+15.63  
SCALE: 1" = 5'

SURVEY PLOTTED BY	DATE
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DESIGNED BY	
CHECKED BY	
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NOTE BOOK	
No.	



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TYPICAL SECTIONS-2  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

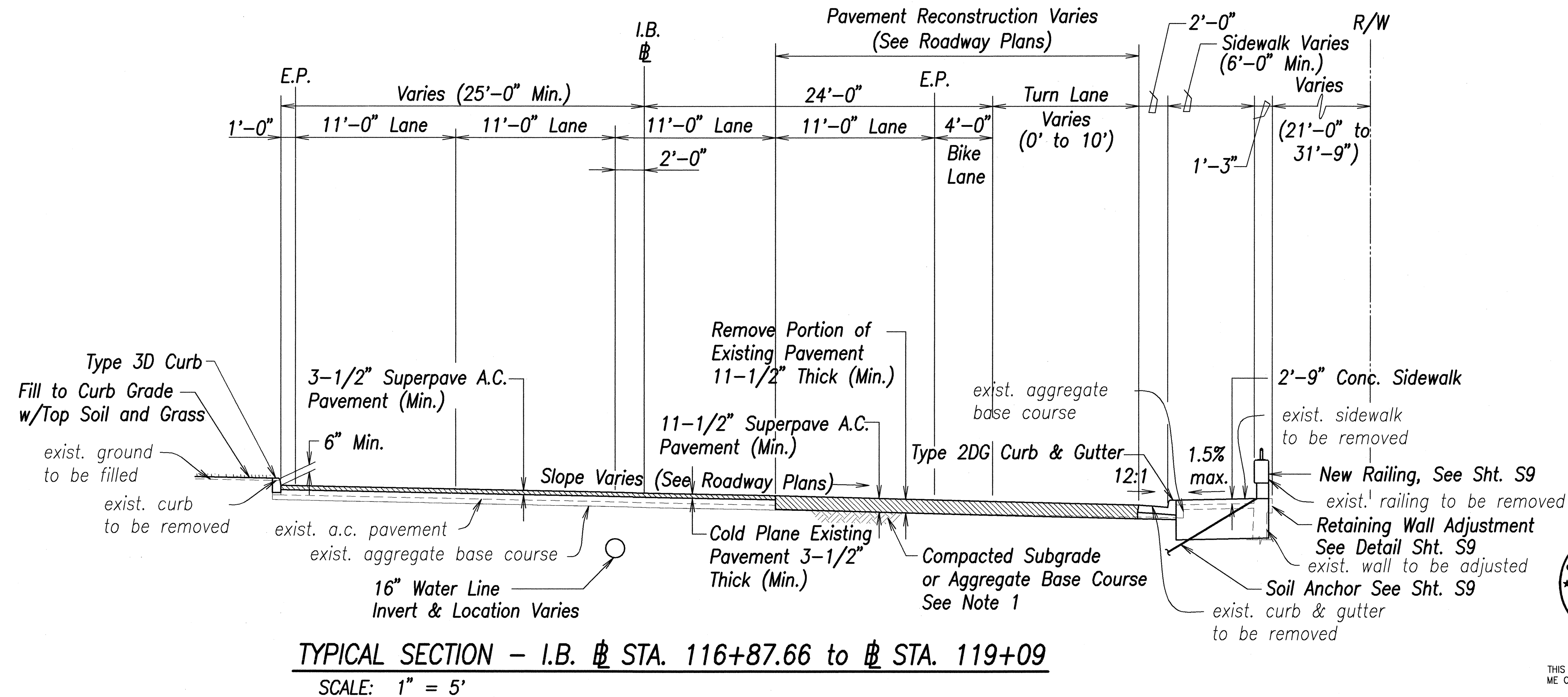
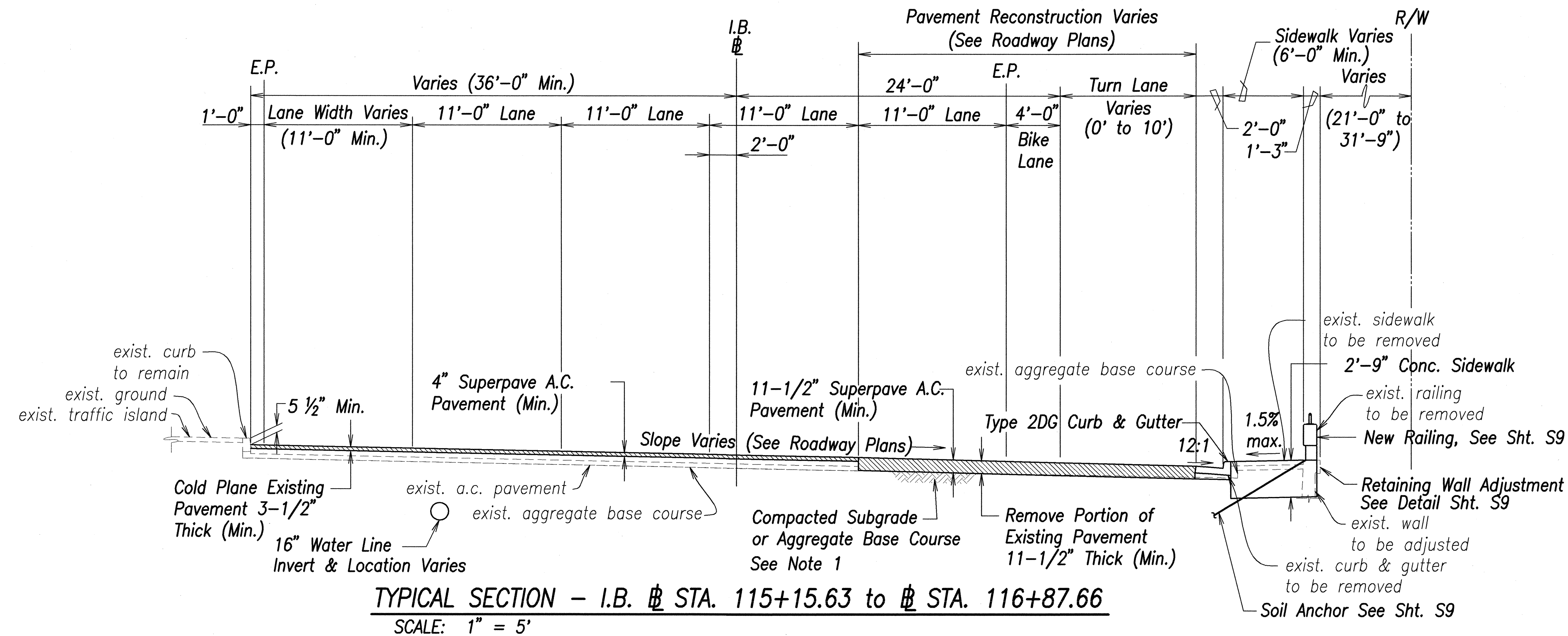
Scale: 1" = 5'  
Date: 10/19/01



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	28	268

Notes:

1. Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
2. Selected material is suitable excavated material from areas within the right-of-way.
3. Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS-3**

NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

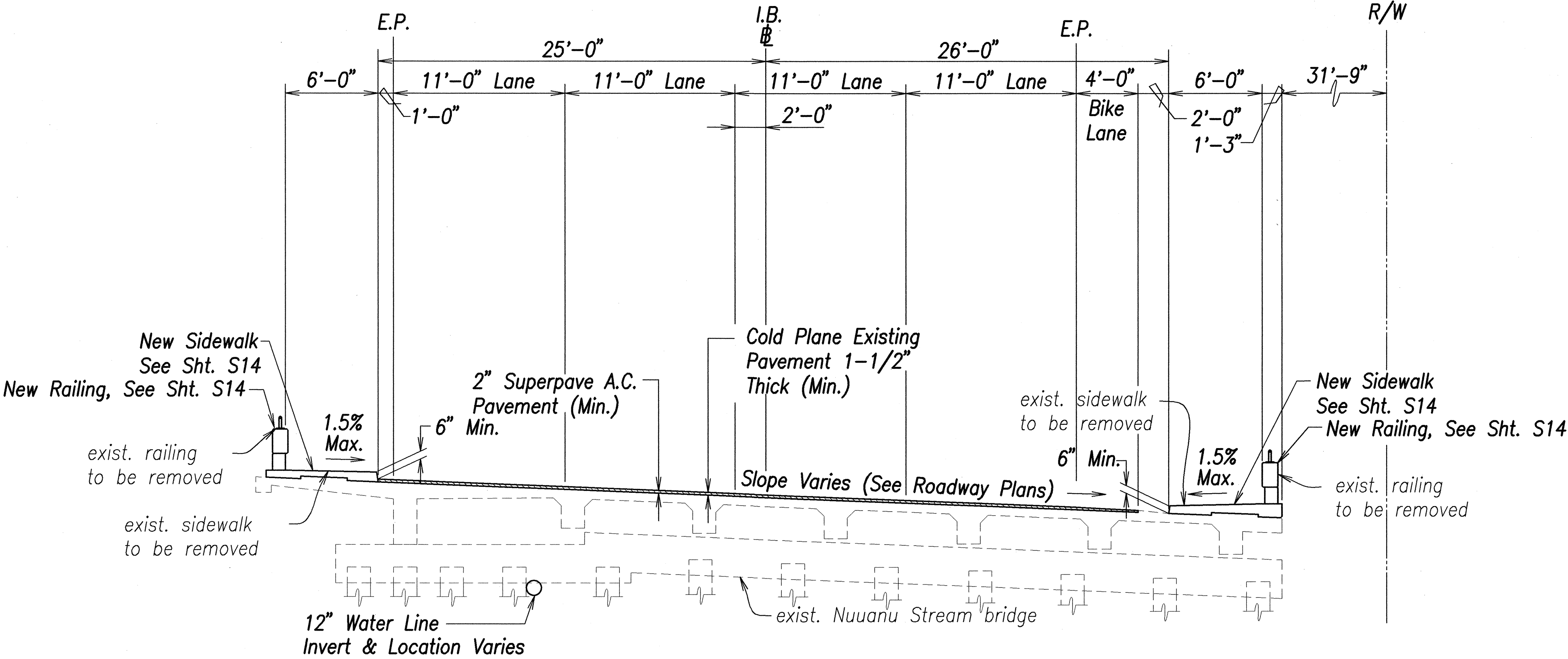
Scale: 1" = 5' Date: 10/19/01

SHEET No. C-24 OF 107 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	29	268

Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



**TYPICAL SECTION - I.B. STA. 119+09 to STA. 121+24**  
 SCALE: 1" = 5'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	



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SIGNATURE DATE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**TYPICAL SECTIONS-4**

**NIMITZ HIGHWAY REHABILITATION**  
**SUMNER STREET TO QUEEN STREET**  
**F.A.I. Proj. No. NH-092-1(25)**

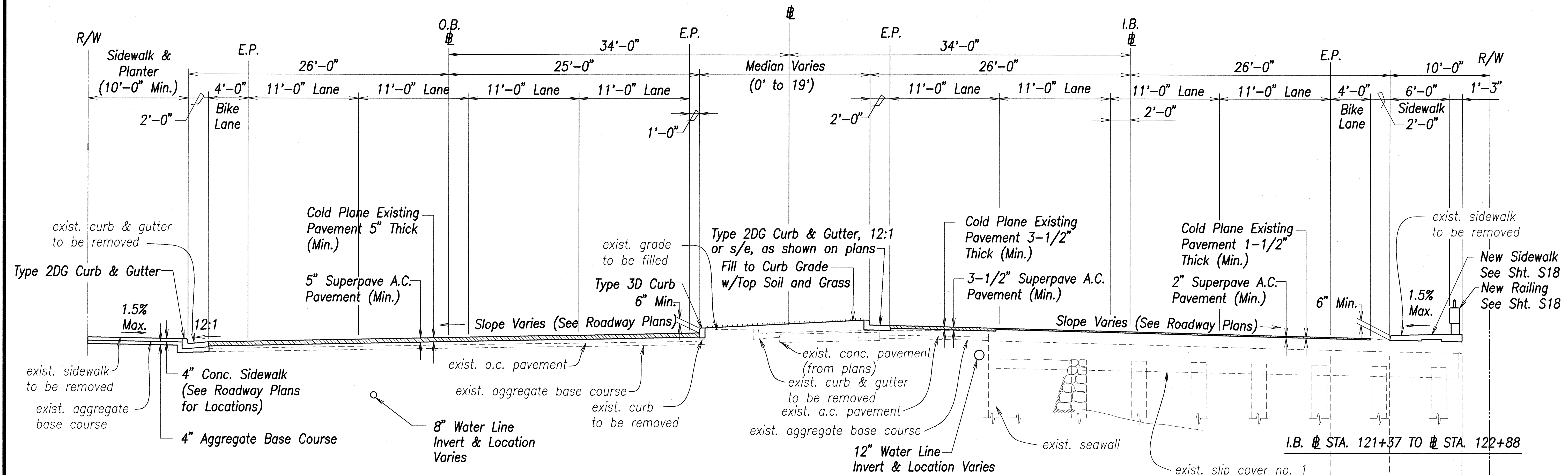
Scale: 1" = 5' Date: 10/19/01

**SHEET No. C-25 OF 107 SHEETS**





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	31	268

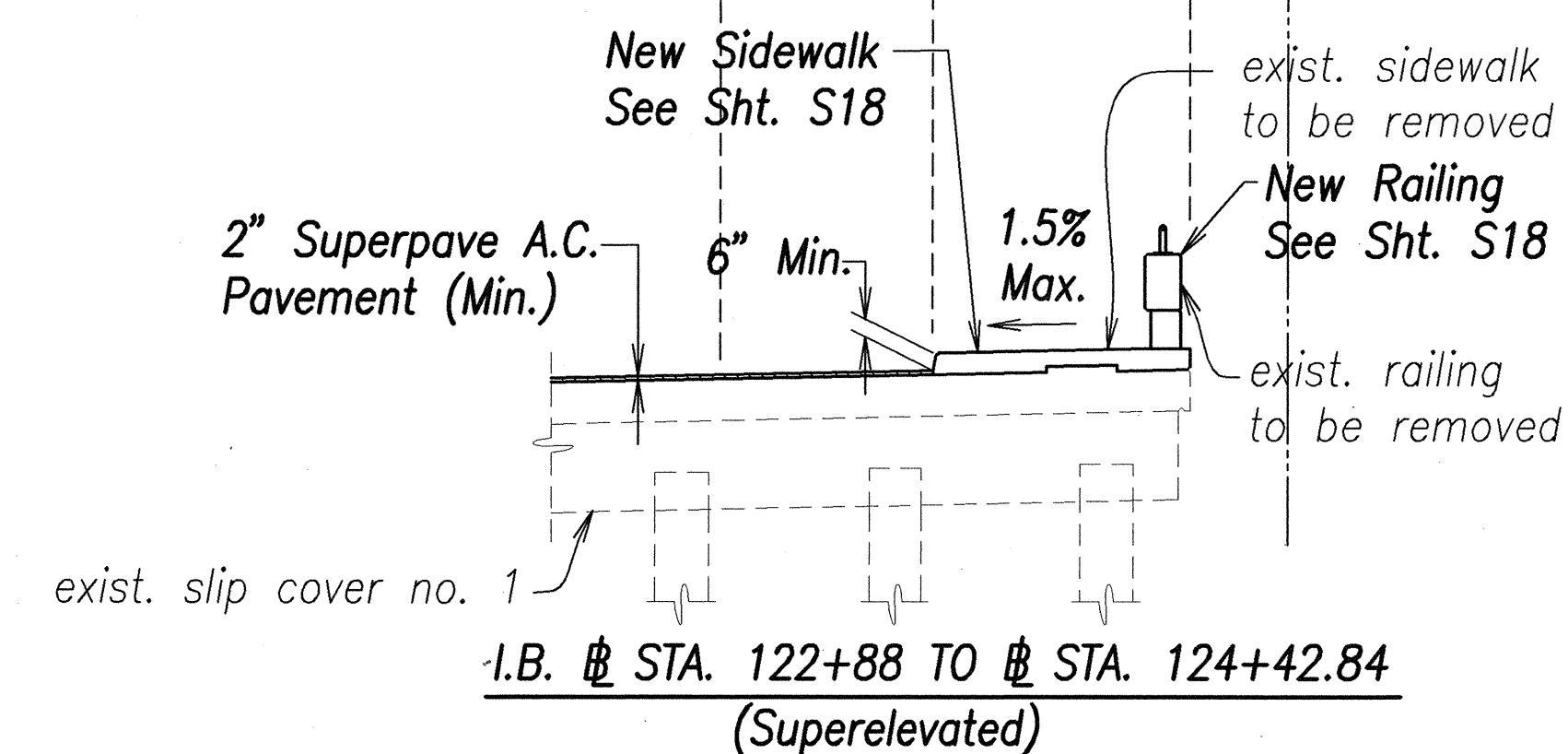


**Notes:**

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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**TYPICAL SECTION - I.B. STA. 121+37 TO STA. 124+42.84**

SCALE: 1" = 5'



SURVEY PLATTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS-6**

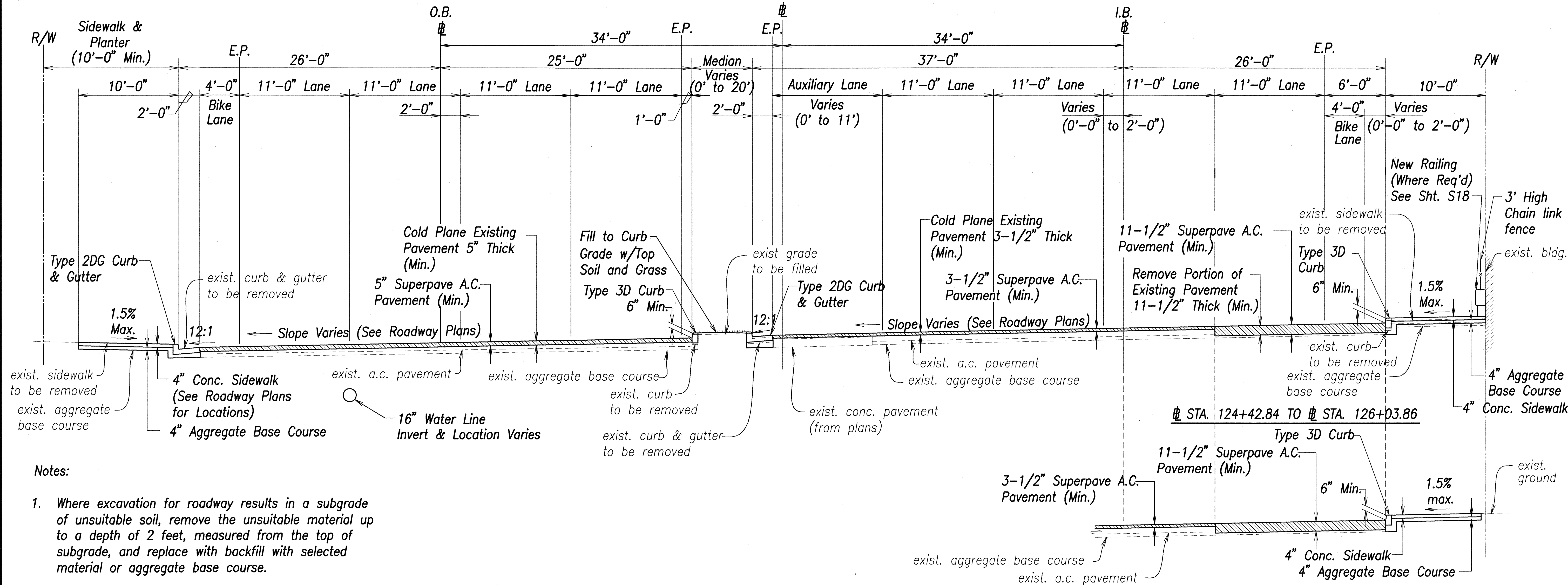
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5' Date: 10/19/01

SHEET No. C-27 OF 107 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	32	268



Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

TYPICAL SECTION - STA. 124+42.84 TO STA. 127+52  
SCALE: 1" = 5'

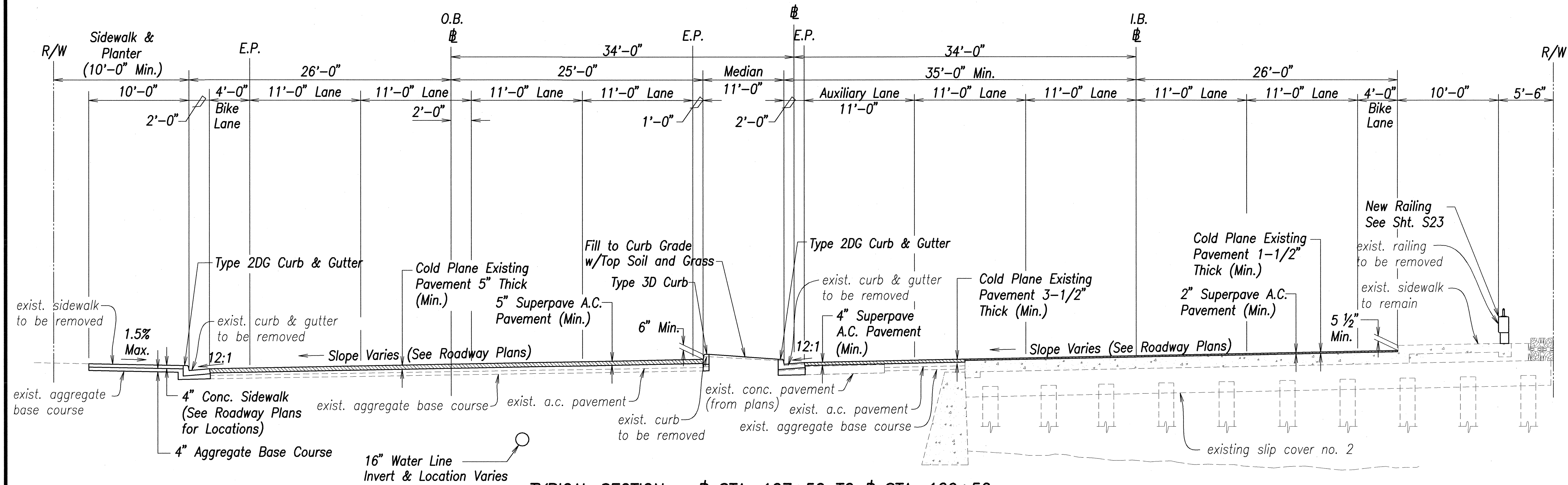


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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
  
TYPICAL SECTIONS-7  
  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)  
  
Scale: 1" = 5'      Date: 10/19/01  
  
SHEET No. C-28 OF 107 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	33	268



TYPICAL SECTION - STA. 127+52 TO STA. 129+52  
SCALE: 1" = 5'

Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
- Selected material is suitable excavated material from areas within the right-of-way.
- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____

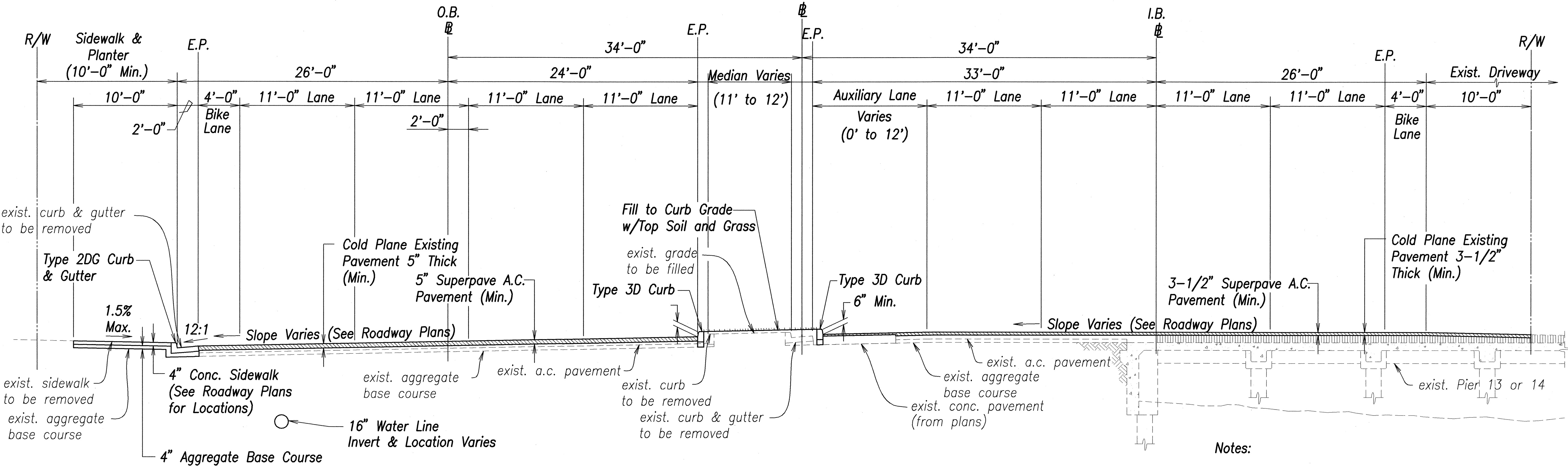


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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
  
**TYPICAL SECTIONS-8**  
  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)  
  
Scale: 1" = 5' Date: 10/19/01  
  
SHEET No. C-29 OF 107 SHEETS



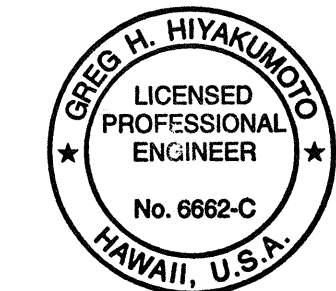
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	34	268



**TYPICAL SECTION - STA. 129+52 TO STA. 129+87 & STA. 130+52 TO STA. 130+86**  
 SCALE: 1" = 5'

- Notes:
1. Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
  2. Selected material is suitable excavated material from areas within the right-of-way.
  3. Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

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DRAWN BY	
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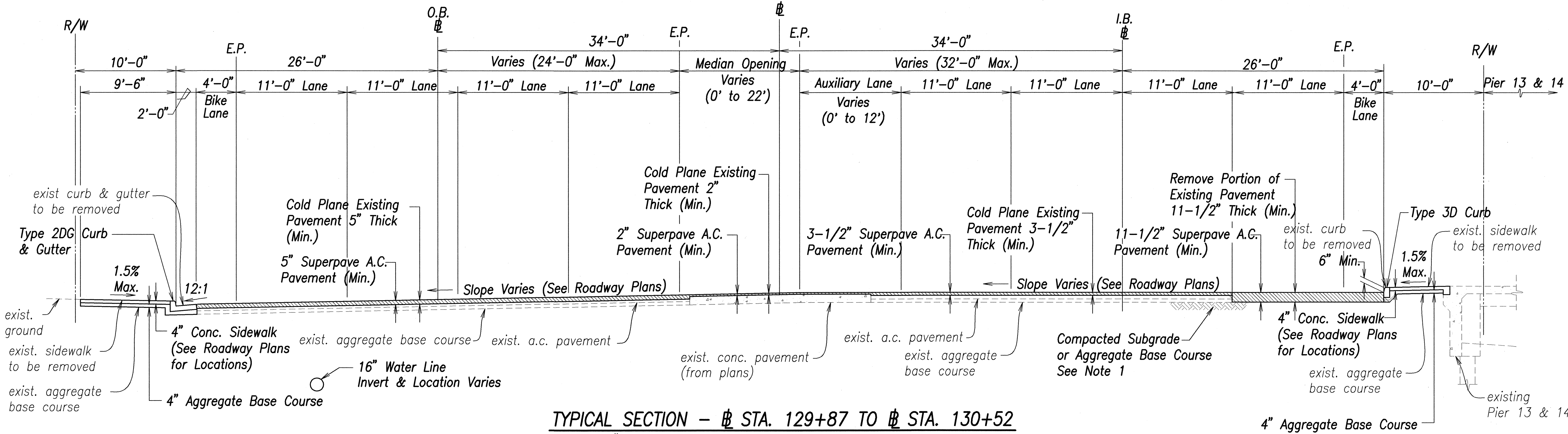
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS-9**  
  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5'  
Date: 10/19/01

SHEET No. C-30 OF 107 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	35	288



**TYPICAL SECTION - STA. 129+87 TO STA. 130+52**  
SCALE: 1" = 5'

**Notes:**

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
- Selected material is suitable excavated material from areas within the right-of-way.
- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS-10**  
  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

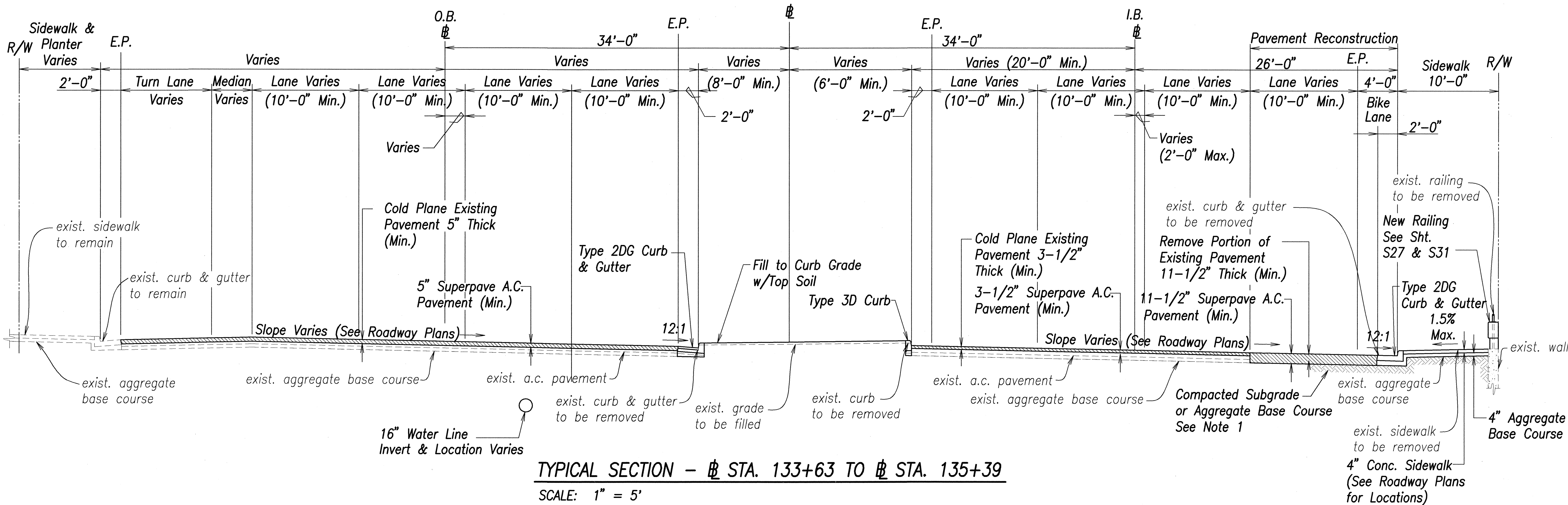
Scale: 1" = 5'  
SHEET No. C-31 OF 107 SHEETS

Date: 10/19/01





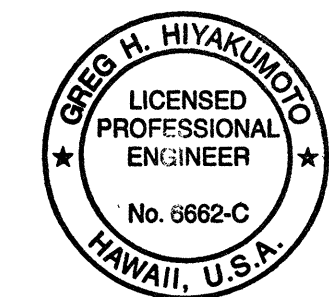
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	37	268



TYPICAL SECTION - STA. 133+63 TO STA. 135+39  
SCALE: 1" = 5'

- Notes:
- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
  - Selected material is suitable excavated material from areas within the right-of-way.
  - Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

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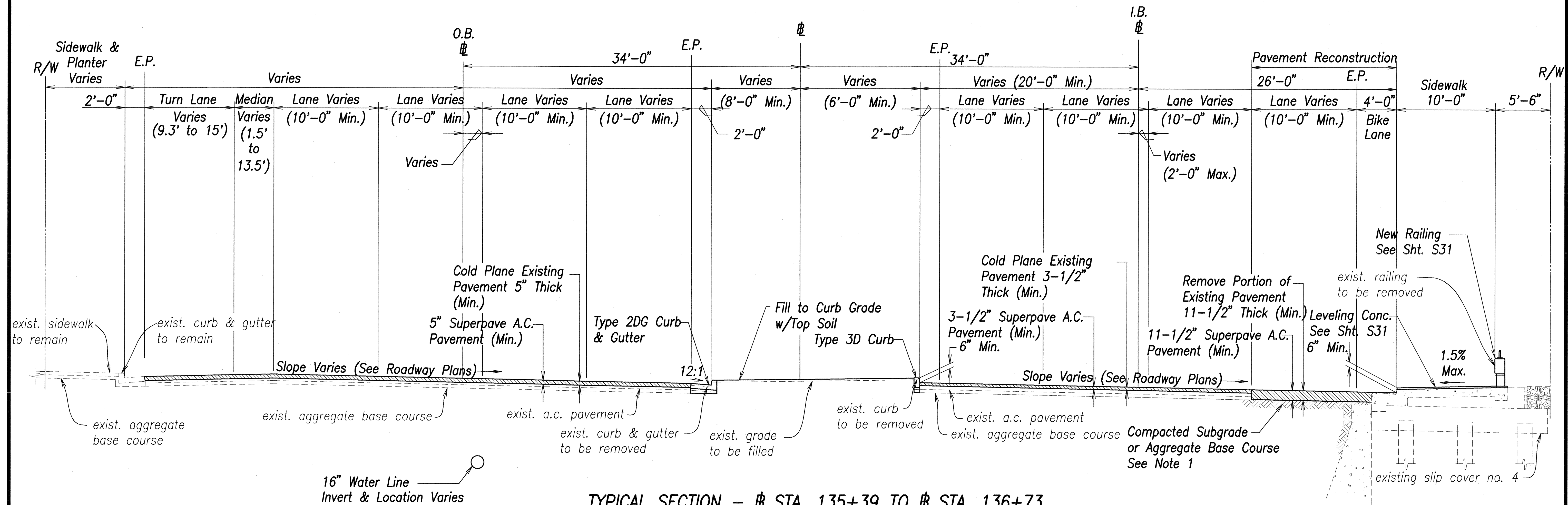
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TYPICAL SECTIONS-12  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5'  
Date: 10/19/01



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	38	268



**TYPICAL SECTION - STA. 135+39 TO STA. 136+73**  
SCALE: 1" = 5'

- Notes:
- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
  - Selected material is suitable excavated material from areas within the right-of-way.
  - Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



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**TYPICAL SECTIONS-13**

NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5'      Date: 10/19/02

SHEET No. C-34 OF 107 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

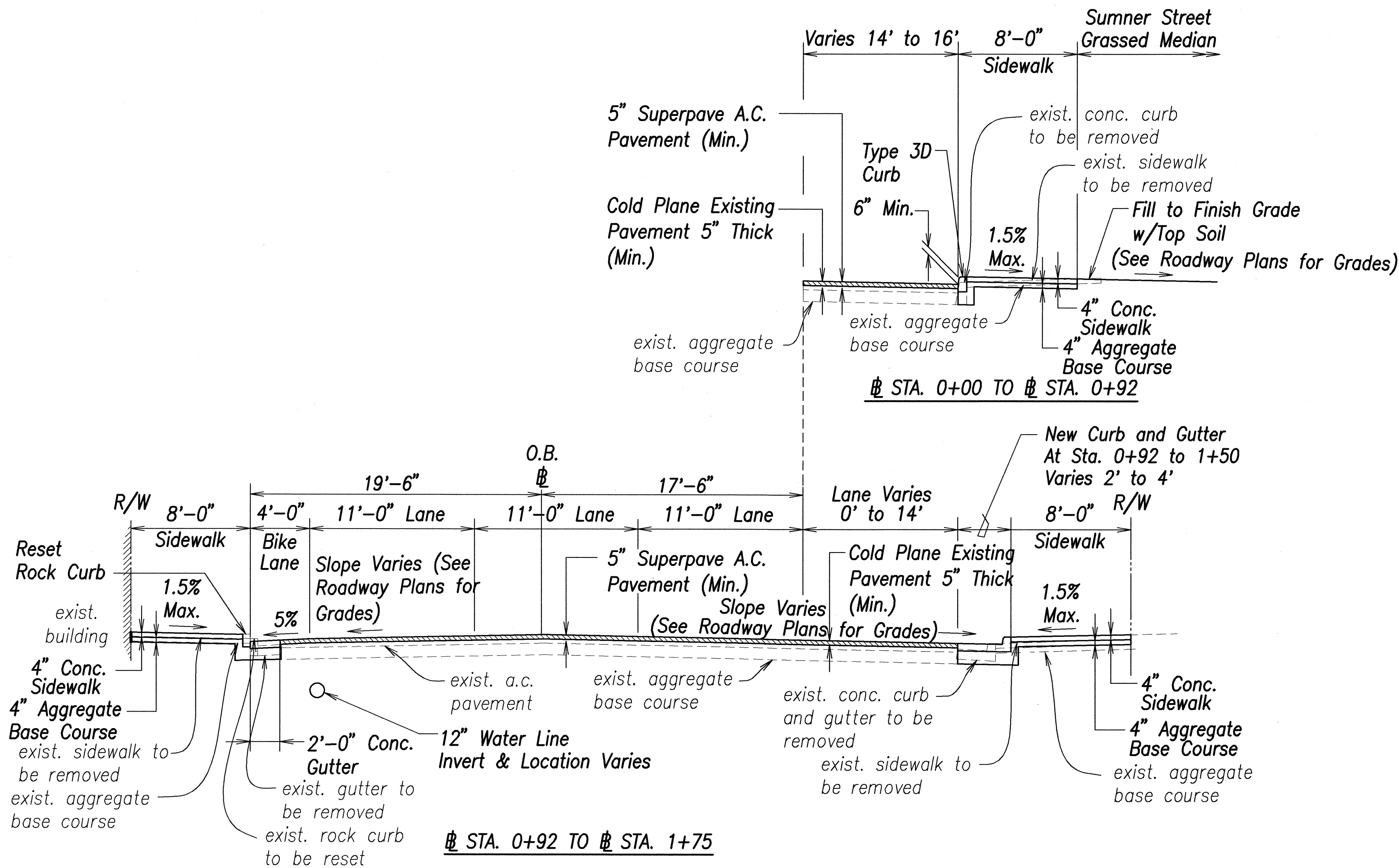




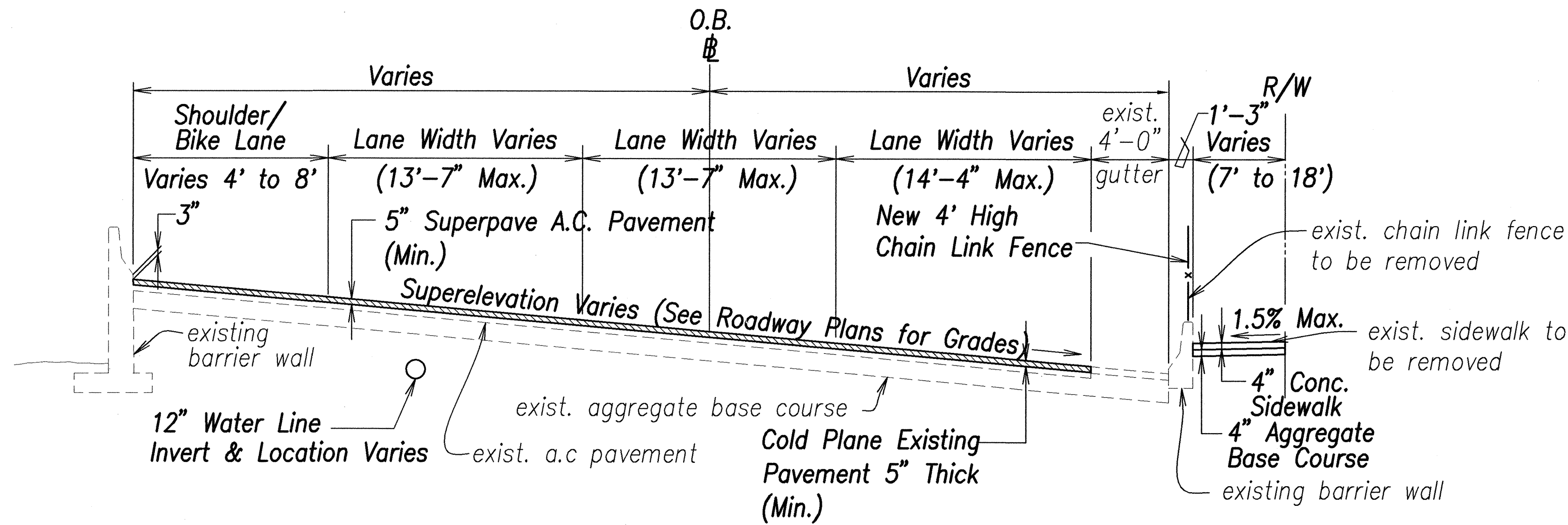
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	40	268

Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



TYPICAL SECTION - O.B. STA. 0+00 to STA. 1+75  
SCALE: 1" = 5'



TYPICAL SECTION - O.B. STA. 1+75 to STA. 9+20  
SCALE: 1" = 5'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### TYPICAL SECTIONS-15

NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5'

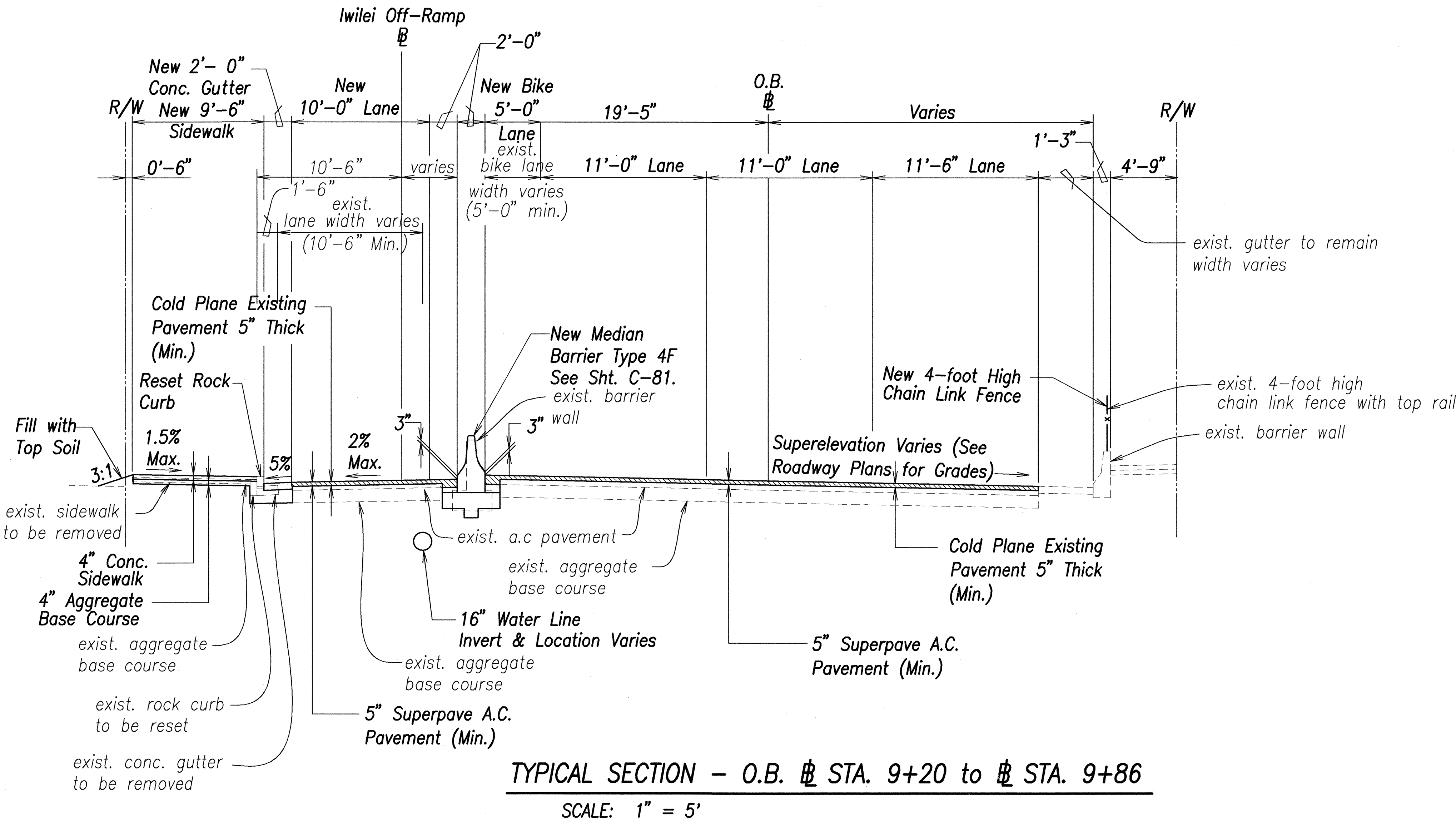
Date: 10/19/01

SHEET No. C-36 OF 107 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	41	268

Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
  
**TYPICAL SECTIONS-16**  
  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)  
  
Scale: 1" = 5'      Date: 10/19/01  
  
**SHEET No. C-37 OF 107 SHEETS**

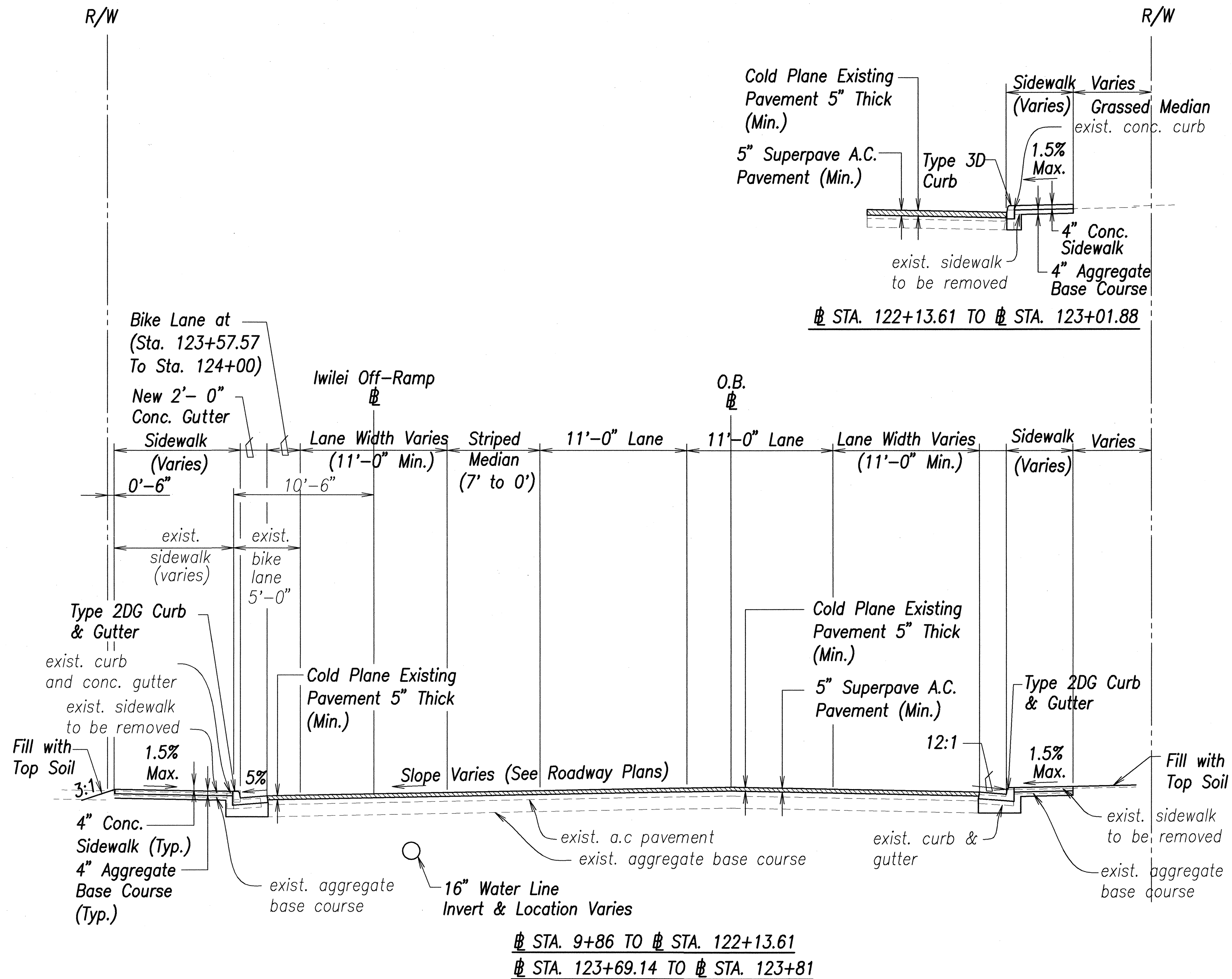
SURVEY PLATTED BY	DATE
DRAWN BY	
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CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	42	268

Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS-17**

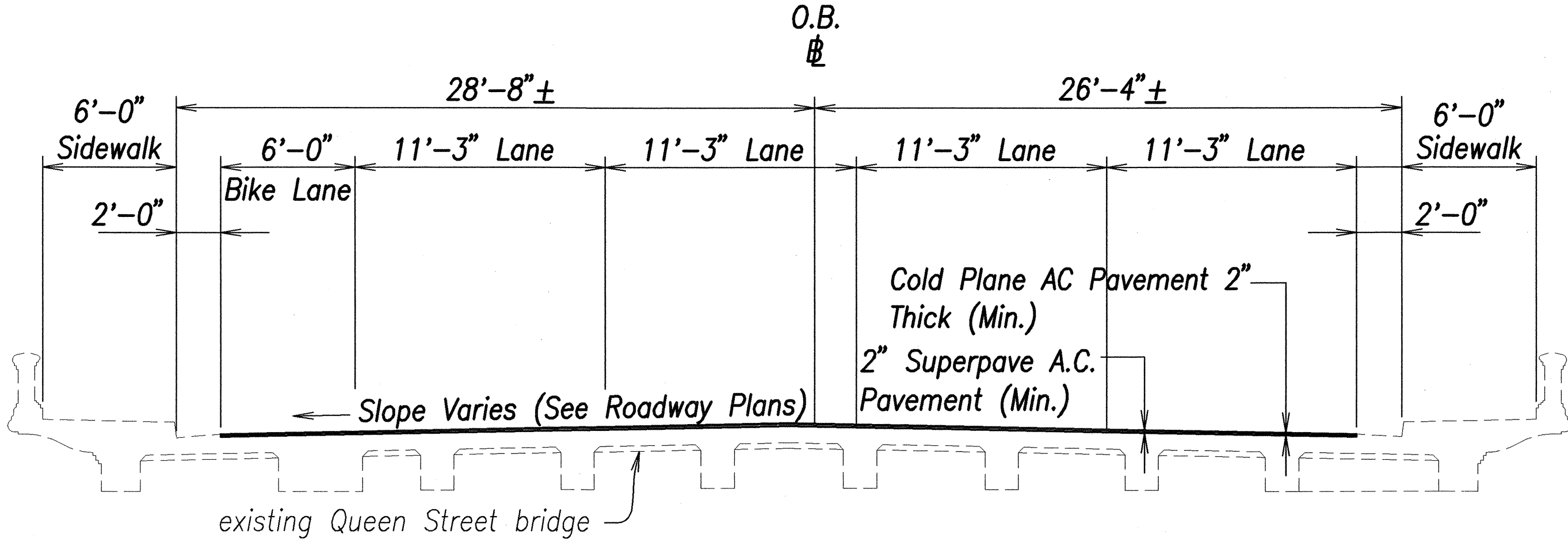
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5' Date: 10/19/01

SHEET No. C-38 OF 107 SHEETS

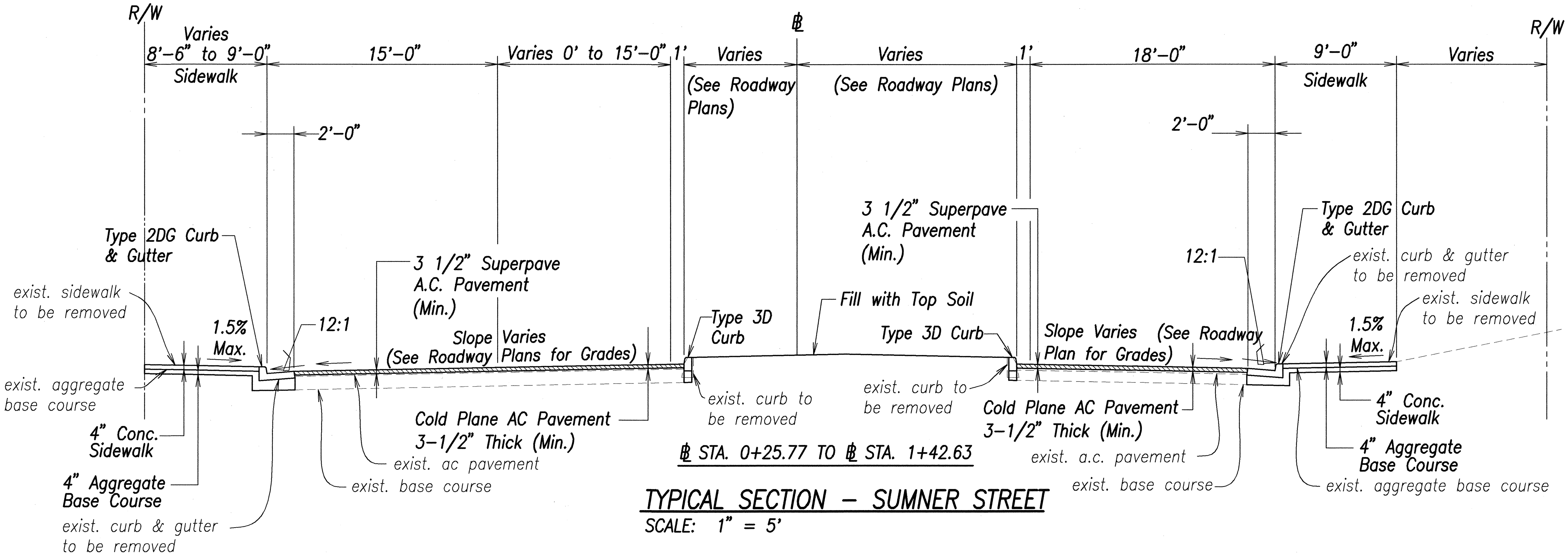
DESIGNED BY	DATE
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QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	43	268



**TYPICAL SECTION – O.B. STA. 124+16 to STA. 125+67**  
SCALE: 1" = 5'

- Notes:
- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
  - Selected material is suitable excavated material from areas within the right-of-way.
  - Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



**TYPICAL SECTION – SUMNER STREET**  
SCALE: 1" = 5'

DATE	.....
SURVEY PLOTTED BY	.....
DESIGNED BY	.....
NOTED BY	.....
CHECKED BY	.....
NO.	.....



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION  
DATE: 10/19/01  
SIGNATURE: [Signature]

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

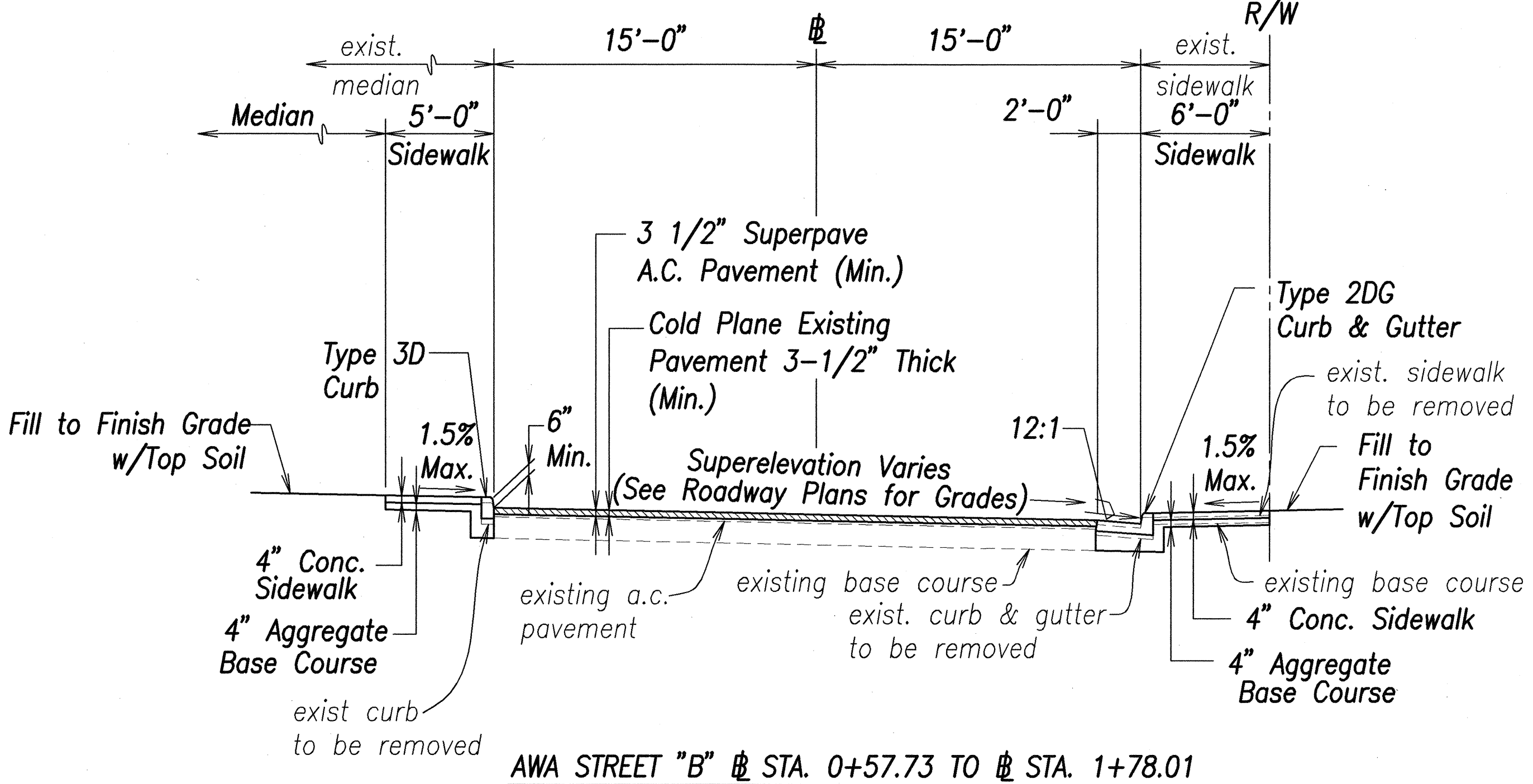
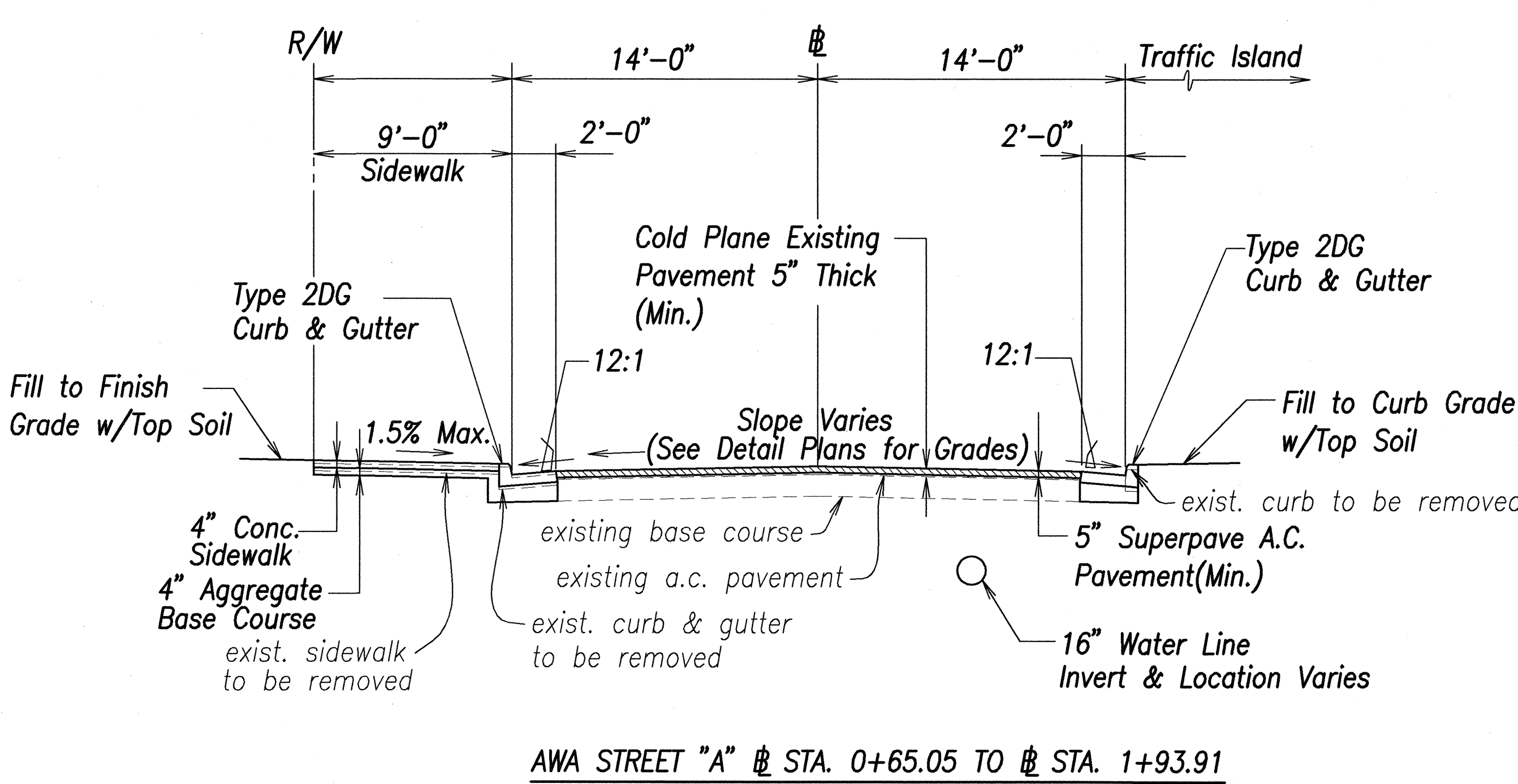
**TYPICAL SECTIONS-18**  
  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5'  
Date: 10/19/01

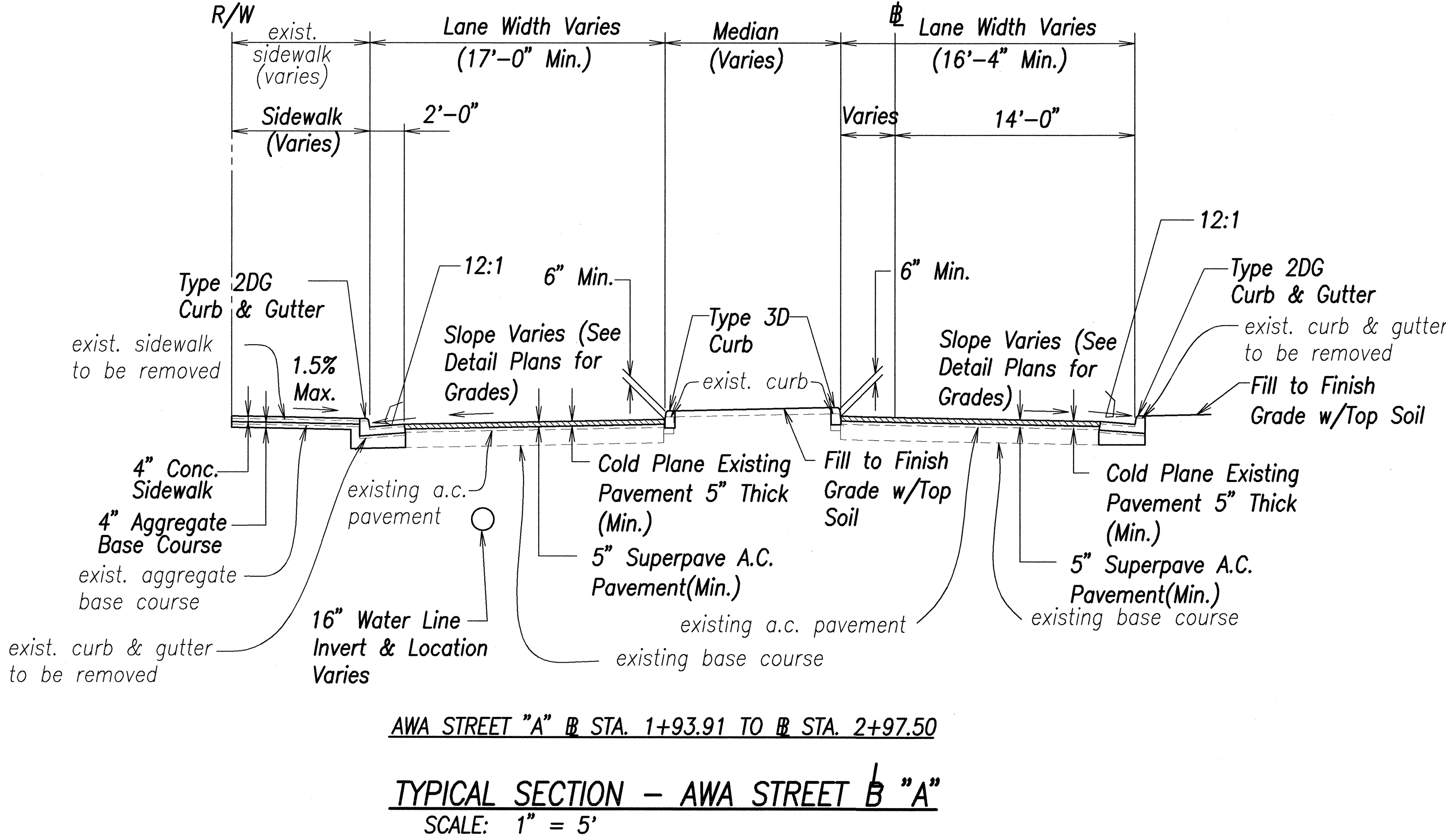
SHEET No. C-39 OF 107 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	44	268



TYPICAL SECTION - AWA STREET @ "B"  
SCALE: 1" = 5'



TYPICAL SECTION - AWA STREET @ "A"  
SCALE: 1" = 5'

- Notes:
- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
  - Selected material is suitable excavated material from areas within the right-of-way.
  - Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.



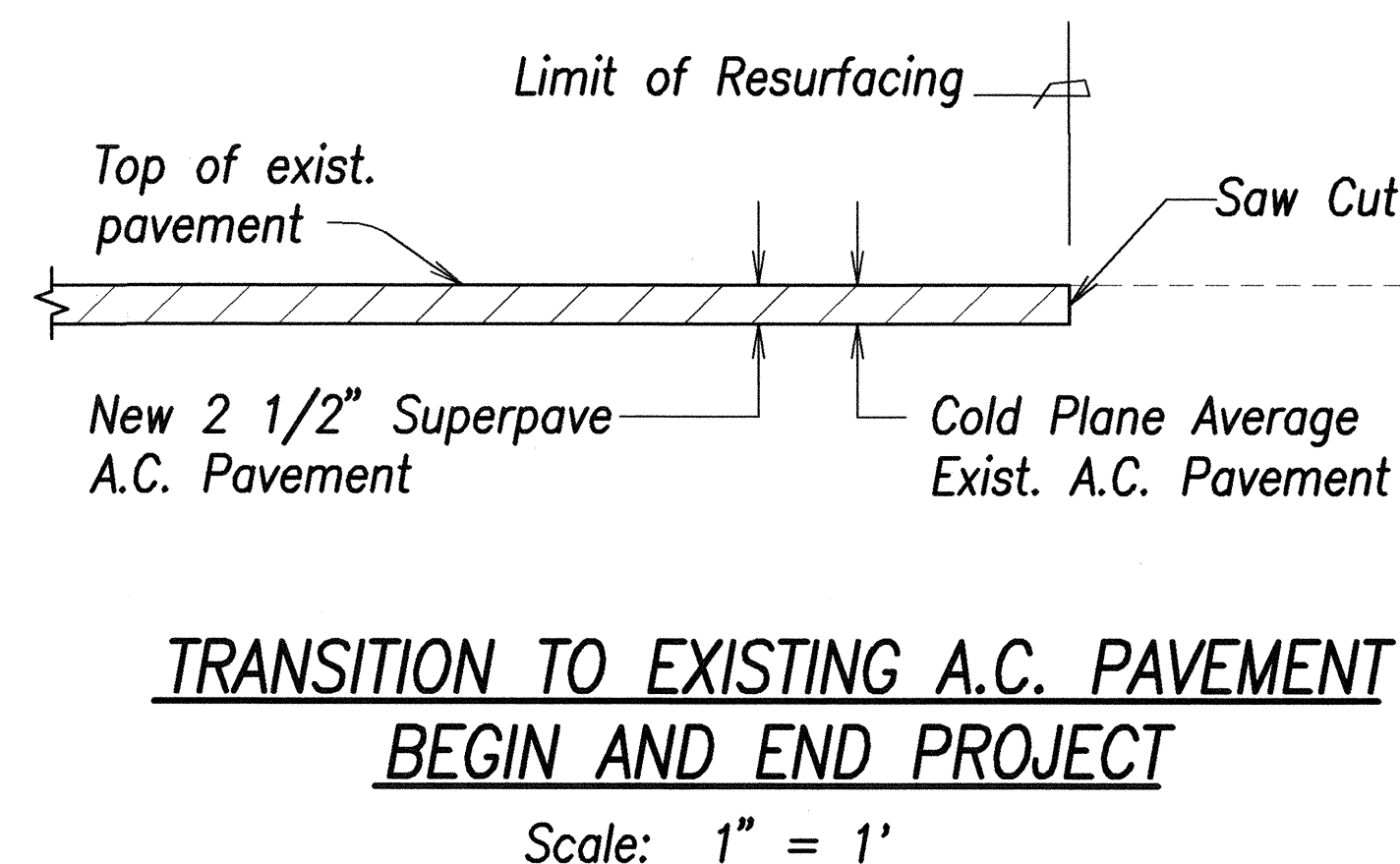
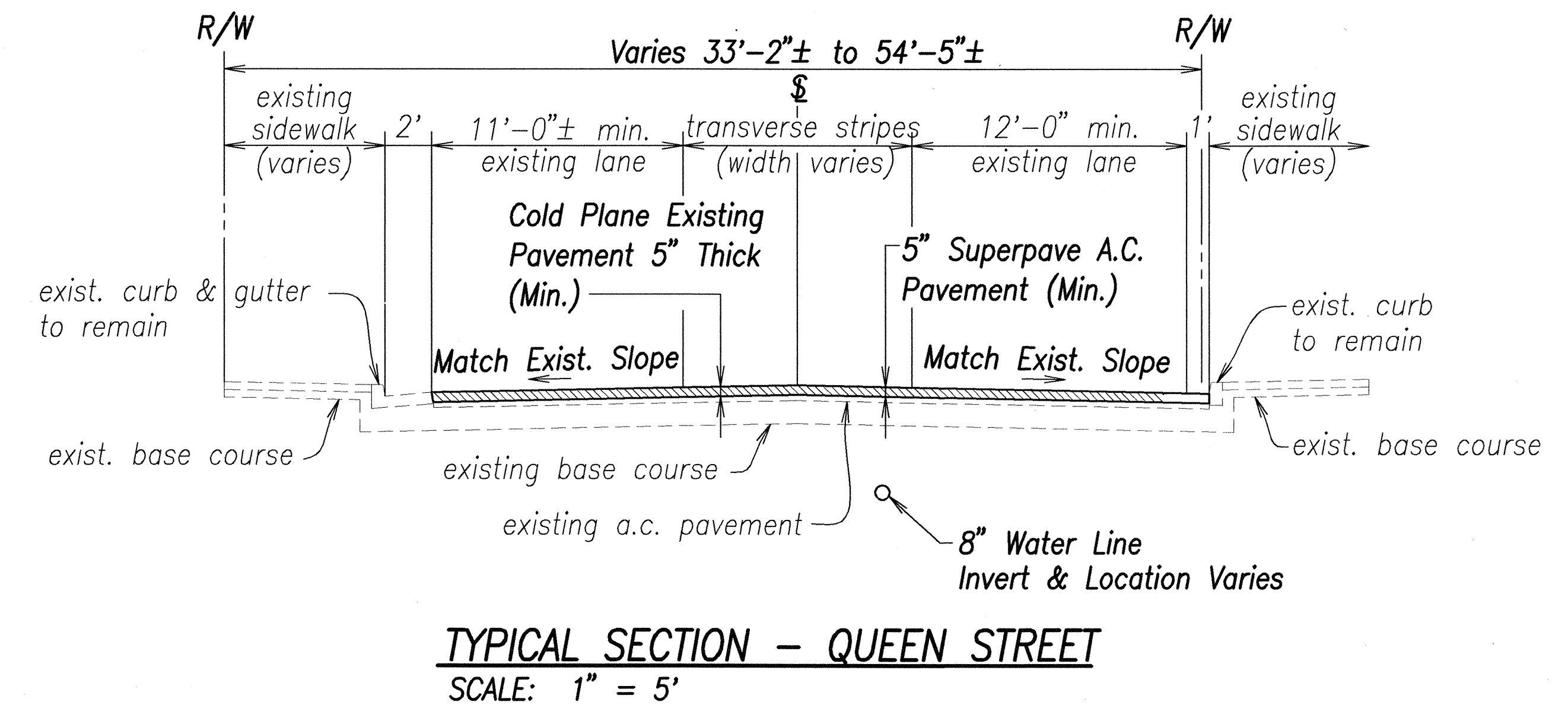
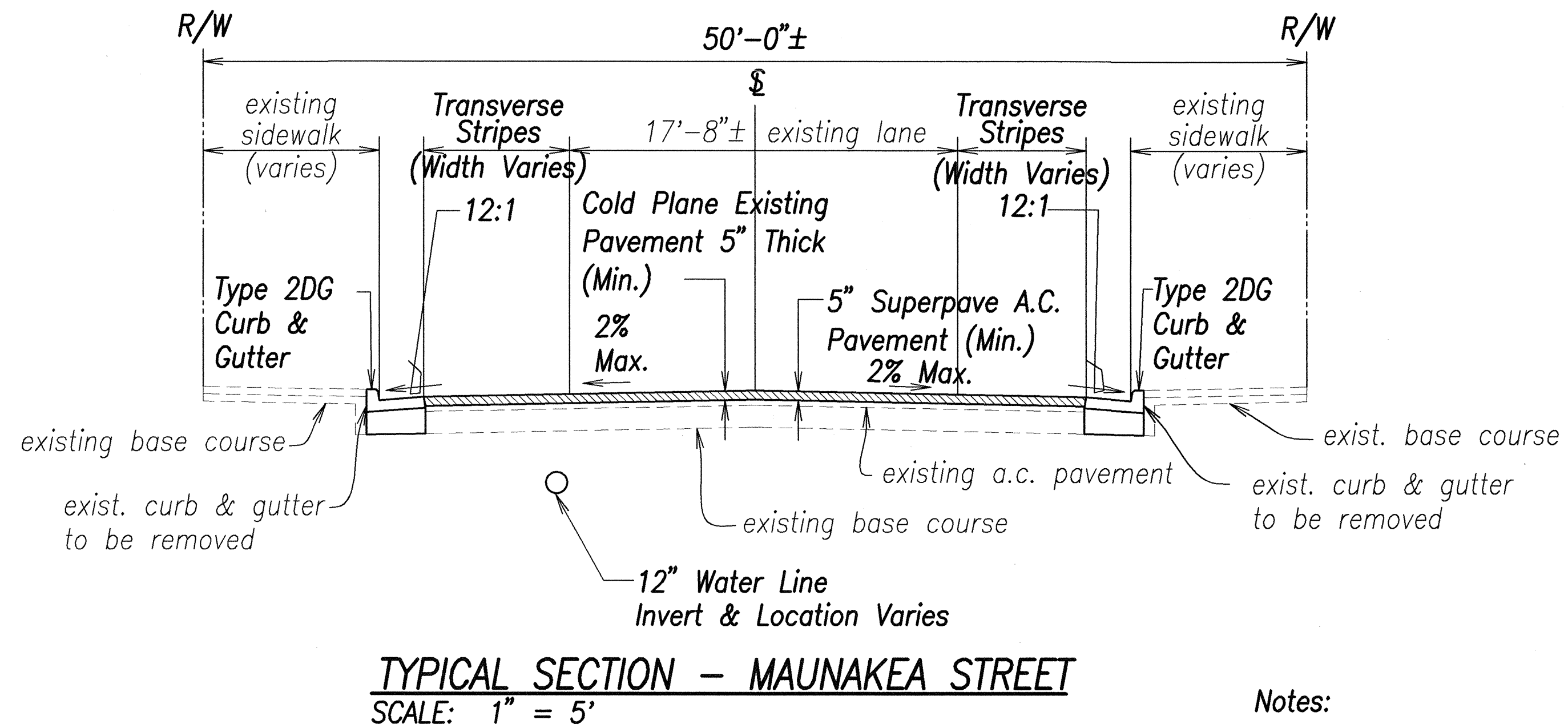
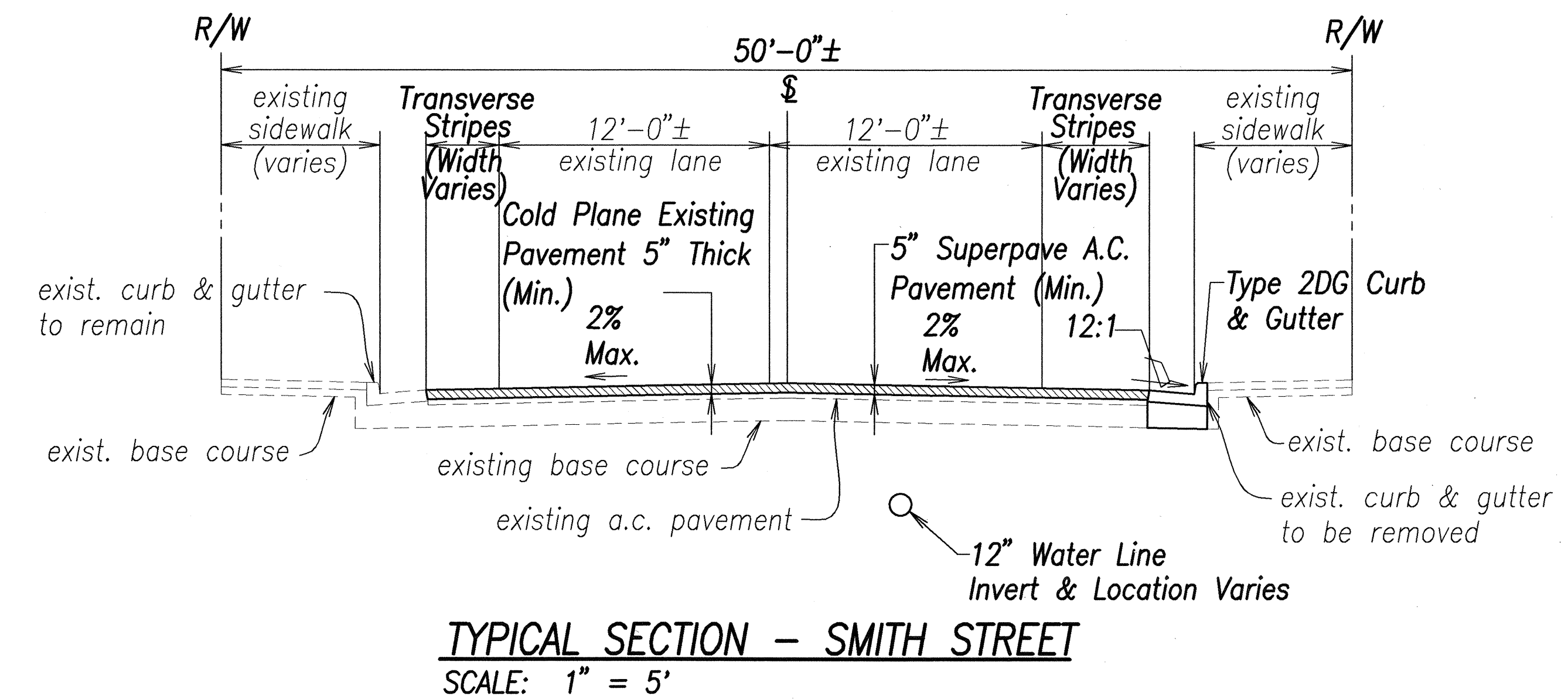
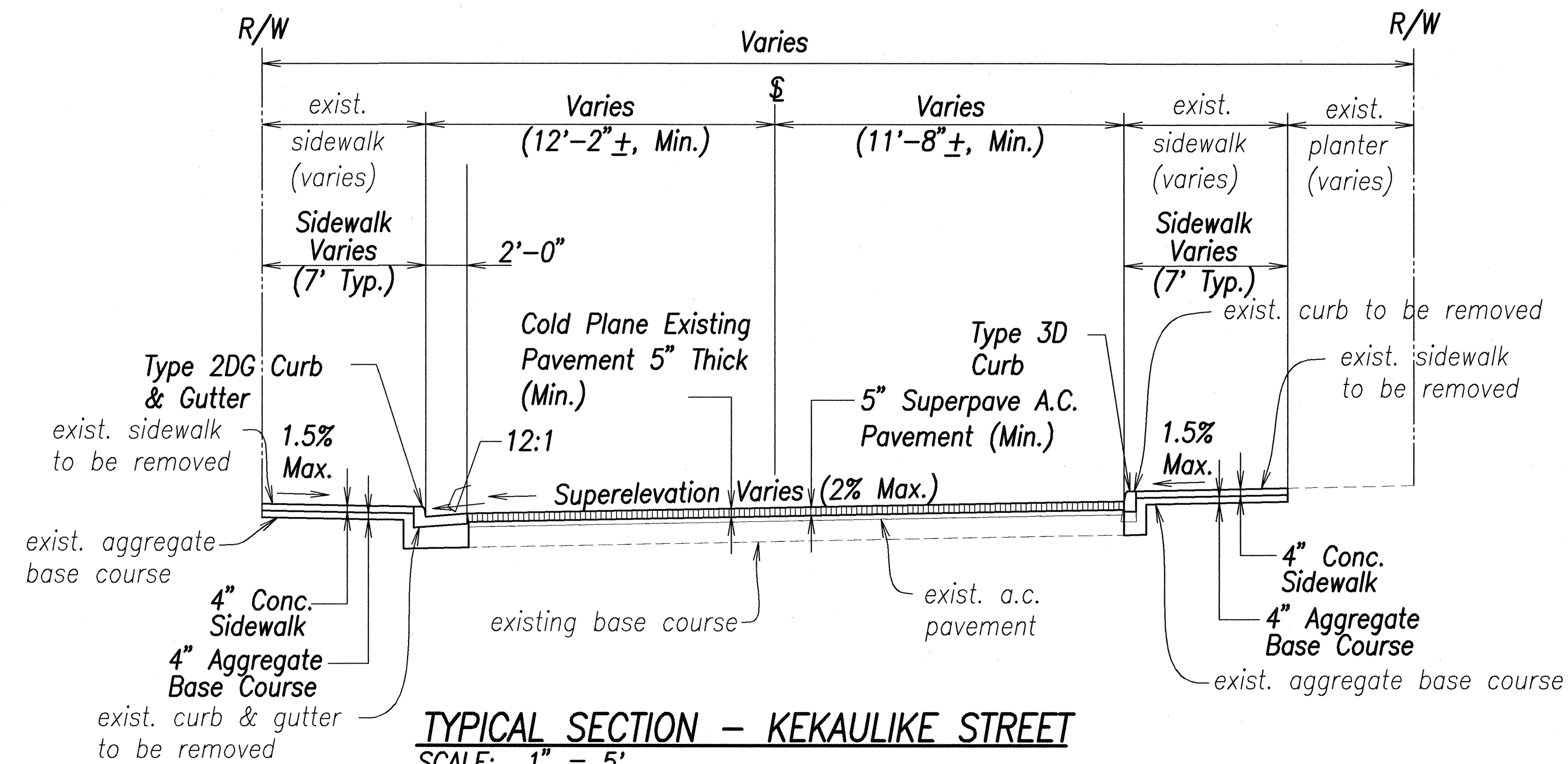
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION  
DATE: 10/19/01  
SIGNATURE: [Signature]

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL SECTIONS-19**  
NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)  
Scale: 1" = 5'  
SHEET No. C-40 OF 107 SHEETS

Date: 10/19/01

DATE	_____
SURVEY PLANNED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-092-1(25)	2002	45	268



#### Notes:

- Where excavation for roadway results in a subgrade of unsuitable soil, remove the unsuitable material up to a depth of 2 feet, measured from the top of subgrade, and replace with backfill with selected material or aggregate base course.
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- Unsuitable soils are those soils that cannot be properly compacted in embankment. Unsuitable material may include vegetable matter, garbage and junk piles, silty clays and clayey silts, on the surface or buried. Unsuitable material shall become the property of the Contractor.

#### APPROVED:

(For Work Within City ROW Only)

M. J. [Signature] 11/2/01  
Chief, Civil Engineering Branch, DPP Date



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION  
[Signature] 11/16/01  
DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

#### TYPICAL SECTIONS-20

NIMITZ HIGHWAY REHABILITATION  
SUMNER STREET TO QUEEN STREET  
F.A.I. Proj. No. NH-092-1(25)

Scale: 1" = 5' Date: 10/19/01

SHEET No. C-41 OF 107 SHEETS