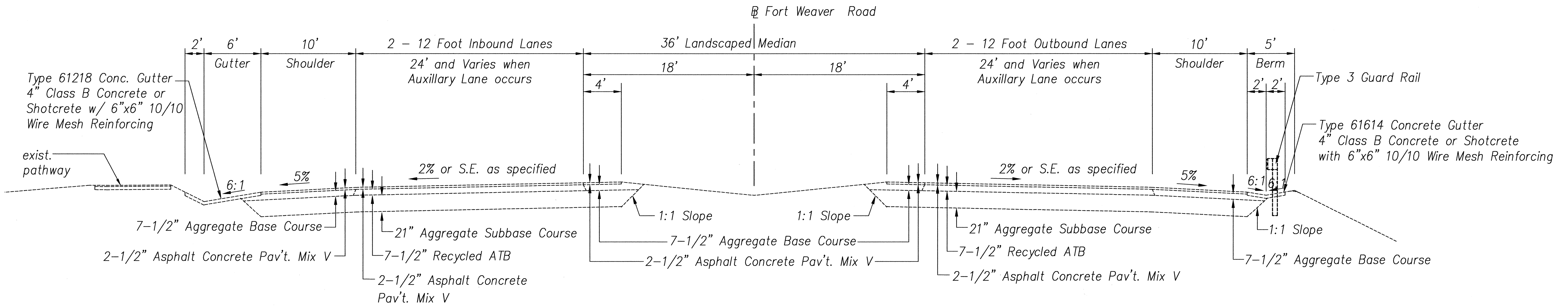


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2005	13	64



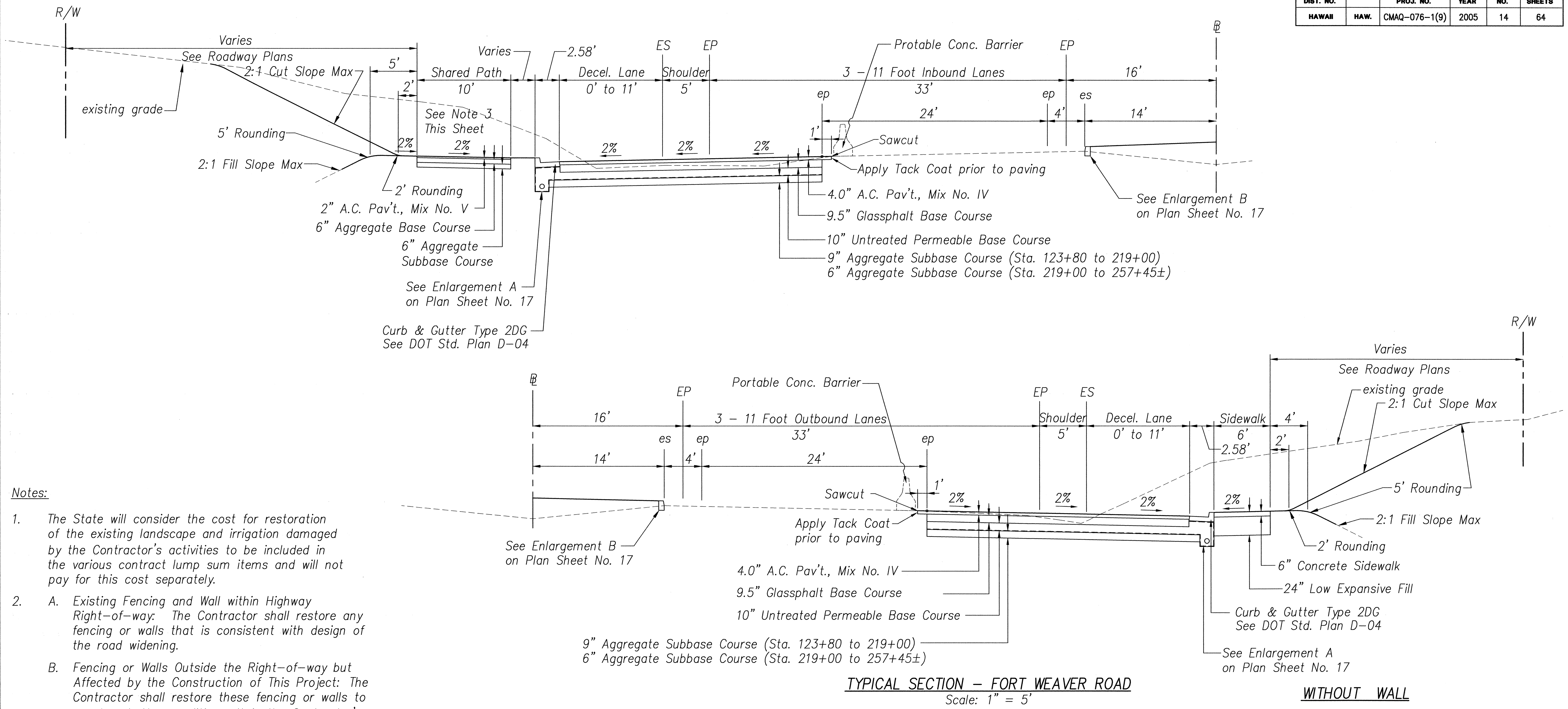
TYPICAL SECTION - EXISTING CONDITION - FORT WEAVER ROAD
Scale: 1" = 5'

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NOTE BOOK	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROAD SECTIONS
FORT WEAVER ROAD - INBOUND & OUTBOUND
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD
FEDERAL AID PROJECT NO. CMAQ-076-1(9)
SCALE: AS NOTED DATE: April 1, 2005

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2005	14	64



Notes:

- The State will consider the cost for restoration of the existing landscape and irrigation damaged by the Contractor's activities to be included in the various contract lump sum items and will not pay for this cost separately.
- Existing Fencing and Wall within Highway Right-of-way: The Contractor shall restore any fencing or walls that is consistent with design of the road widening.
 - Fencing or Walls Outside the Right-of-way but Affected by the Construction of This Project: The Contractor shall restore these fencing or walls to equal or better condition. It is the Contractor's sole responsibility to obtain approval and acceptance of this work.
- The existing shared pathway is 8 feet wide and is required to be widened to 10 feet. In many areas, the pathway is separated from the roadway and is incorporated into the landscaping layout of the adjoining development. The Contractor is encouraged to reconstruct the pathway to 10' wide in its present location to minimize the impacts to landscaping and drainage of these areas. See detail, sheet 17.

- Unless designated for removal, all existing trees shall be protected. The Contractor shall install root barrier where new pavement encroaches within the drip line of any existing trees. Tree pruning and removal shall be reviewed and approved by the Department's Landscape Architect. The work includes tree pruning by Arborist certified by the International Society of Arboriculture and shall be incidental to other contract items.
- Median Shoulder
In many areas, the existing AC resurfacing does not extend across the entire width of the existing 4 foot shoulder. Prior to shifting the traffic lanes, the Contractor shall complete the resurfacing over the entire shoulder width.

- Portable Concrete Barriers and restriping of traffic lanes:
The installation of the portable concrete barriers and temporarily restriping of the traffic lanes are requirements of the project. The Contractor is responsible for determining the layout and quantities of portable concrete barriers beyond the minimum 2,000 linear feet that are necessary to accommodate the increments and phasing of his work. The Contractor shall fabricate, deliver, furnish, install, maintain and relocate the barriers throughout the construction period. Upon completion of the project, the barriers shall become the property of the State. The Contractor shall remove and deliver the barriers to the State baseyard.

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROAD SECTIONS

FORT WEAVER ROAD - INBOUND & OUTBOUND

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

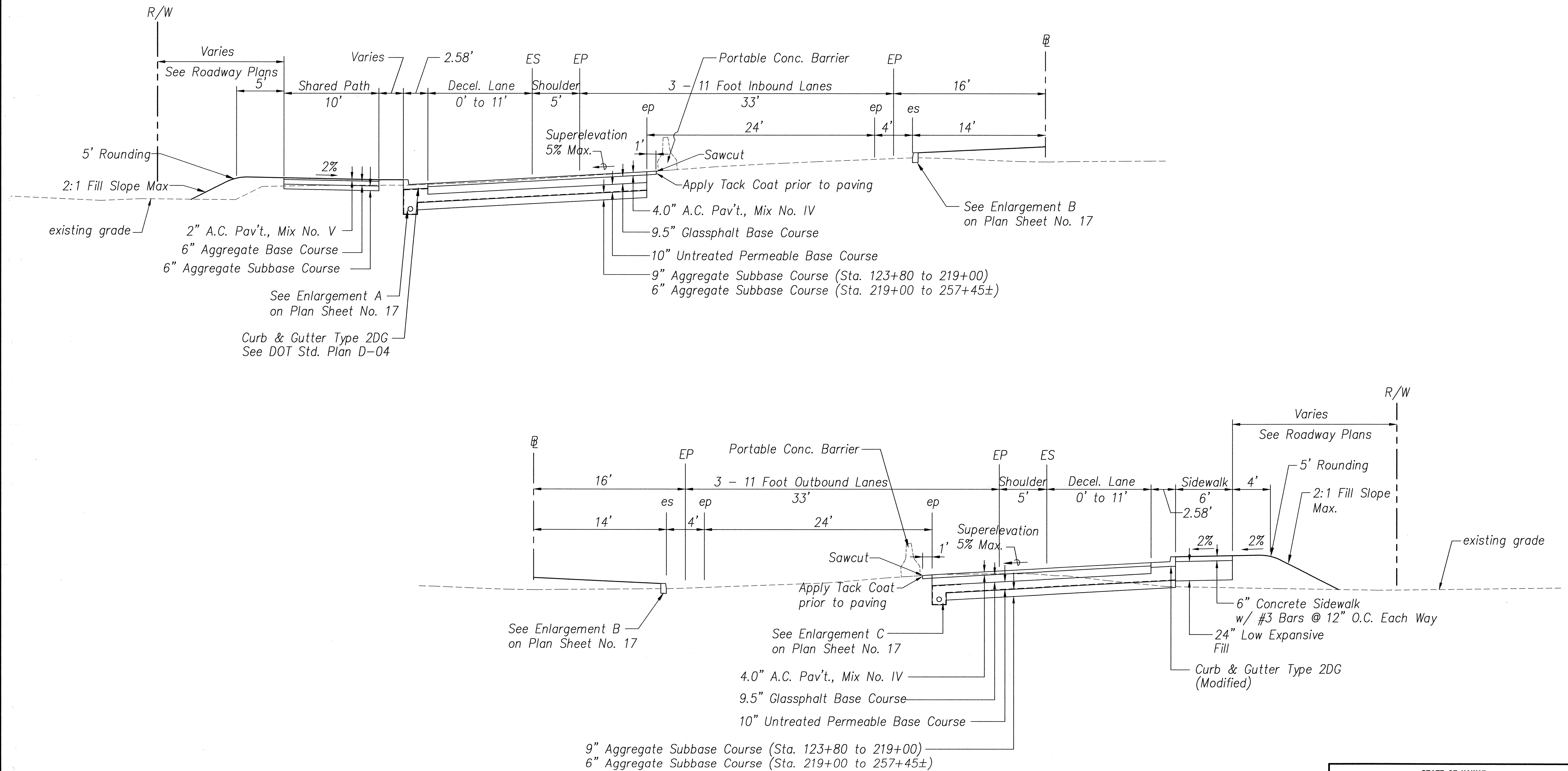
FEDERAL AID PROJECT NO. CMAQ-076-1(9)

SCALE: AS NOTED DATE: April 1, 2005

SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2005	15	64

detail, sheet 17.



TYPICAL SUPERELEVATION SECTION - FORT WEAVER ROAD

Scale: 1" = 5'

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROAD SECTIONS

FORT WEAVER ROAD - INBOUND & OUTBOUND

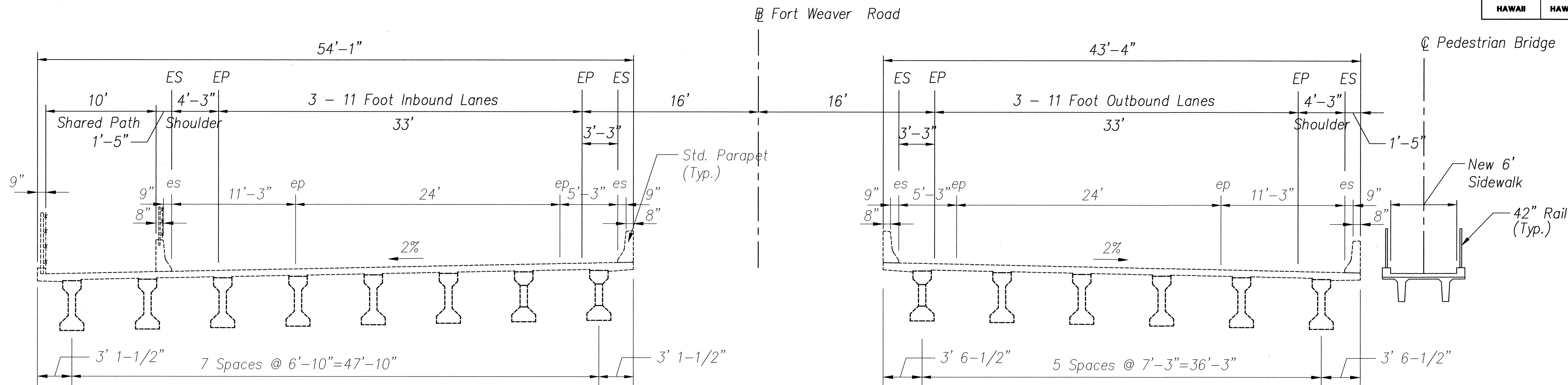
FORT WEAVER ROAD WIDENING
VICINITY OF AWA DRIVE TO GEIGER ROAD

FEDERAL AID PROJECT NO. CMAQ-076-1(9)

SCALE: AS NOTED DATE: April 1, 2005

SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2005	16	64

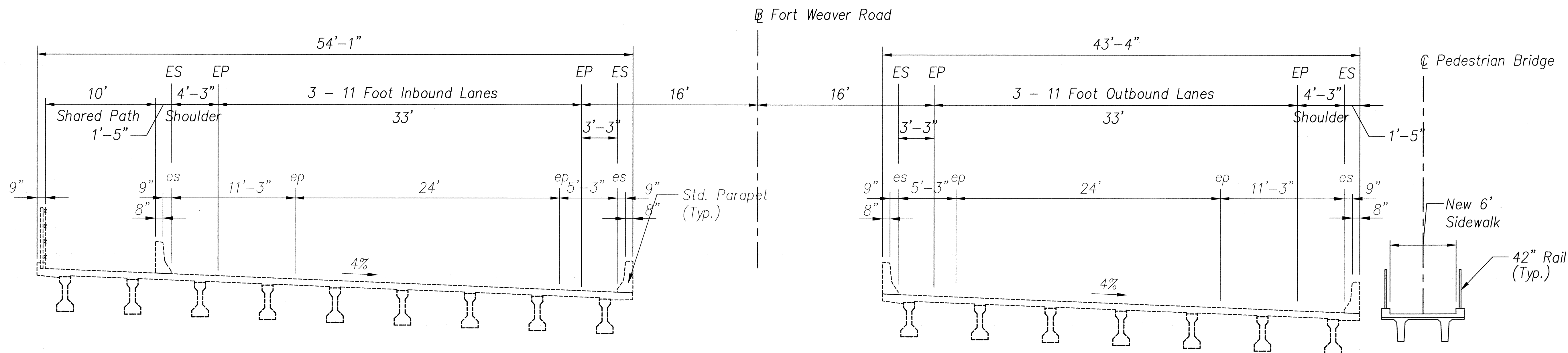


NORTHBOUND STRUCTURE

SOUTHBOUND STRUCTURE

TYPICAL DECK SECTION - CANE HAUL ROAD OVERPASS BRIDGE
FORT WEAVER ROAD

Scale: 1" = 5'



NORTHBOUND STRUCTURE

SOUTHBOUND STRUCTURE

TYPICAL DECK SECTION - HONOLIULI BRIDGE
FORT WEAVER ROAD

Scale: 1" = 5'

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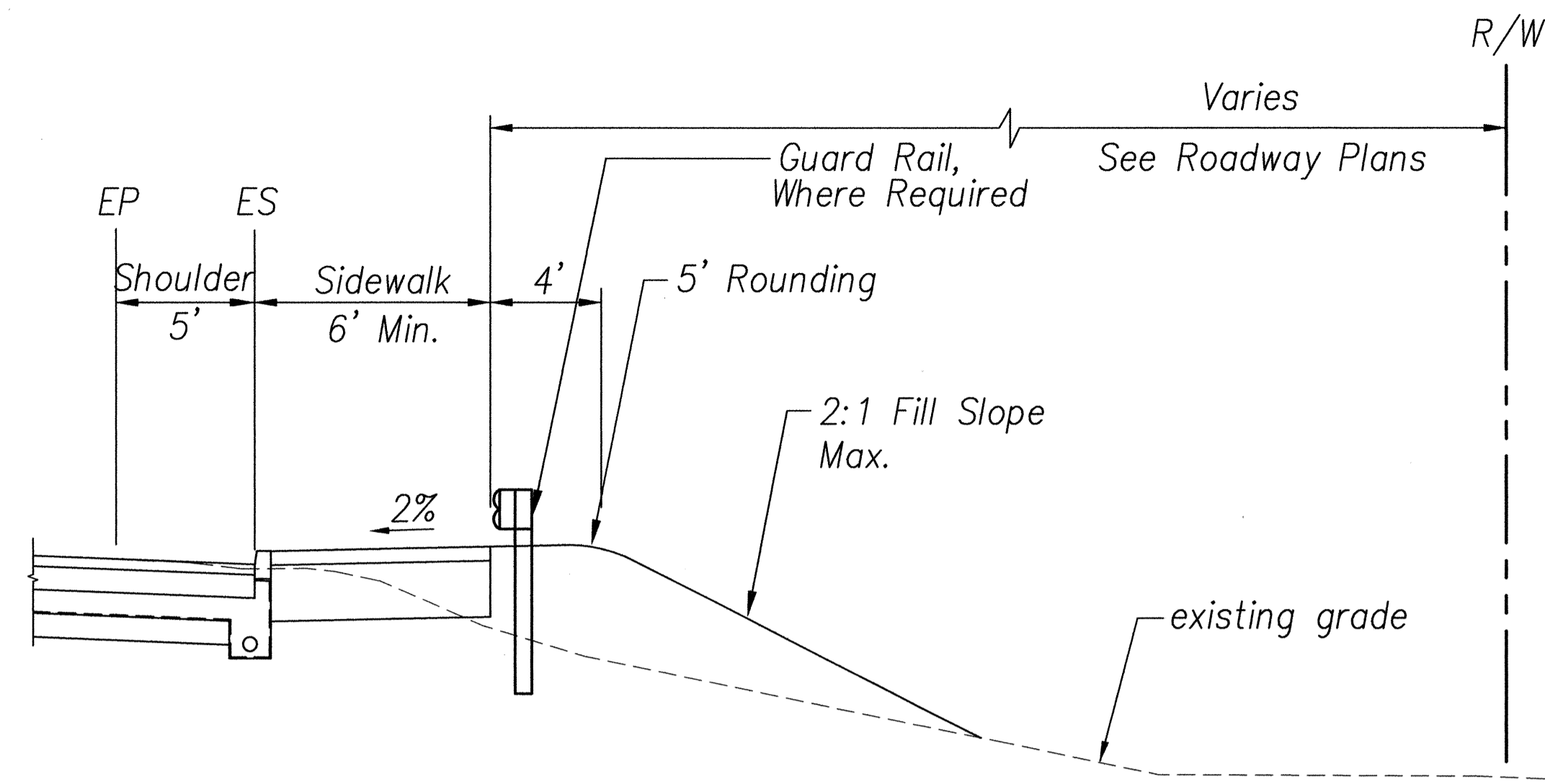
STATE OF HAWAII
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HIGHWAYS DIVISION

TYPICAL ROAD SECTIONS
FORT WEAVER ROAD - INBOUND & OUTBOUND
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD
FEDERAL AID PROJECT NO. CMAQ-076-1(9)

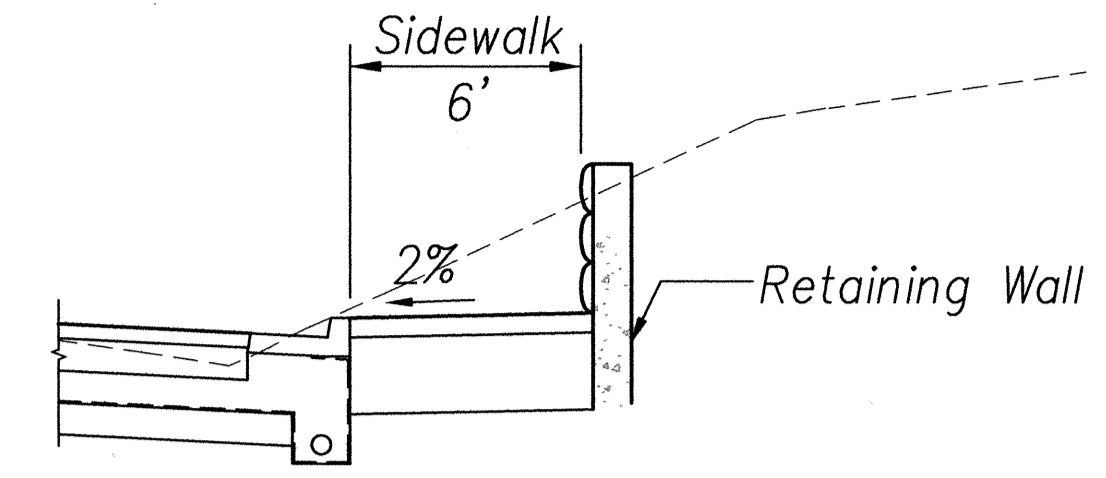
SCALE: AS NOTED DATE: April 1, 2005

SHEET No. 4 OF 5 SHEETS

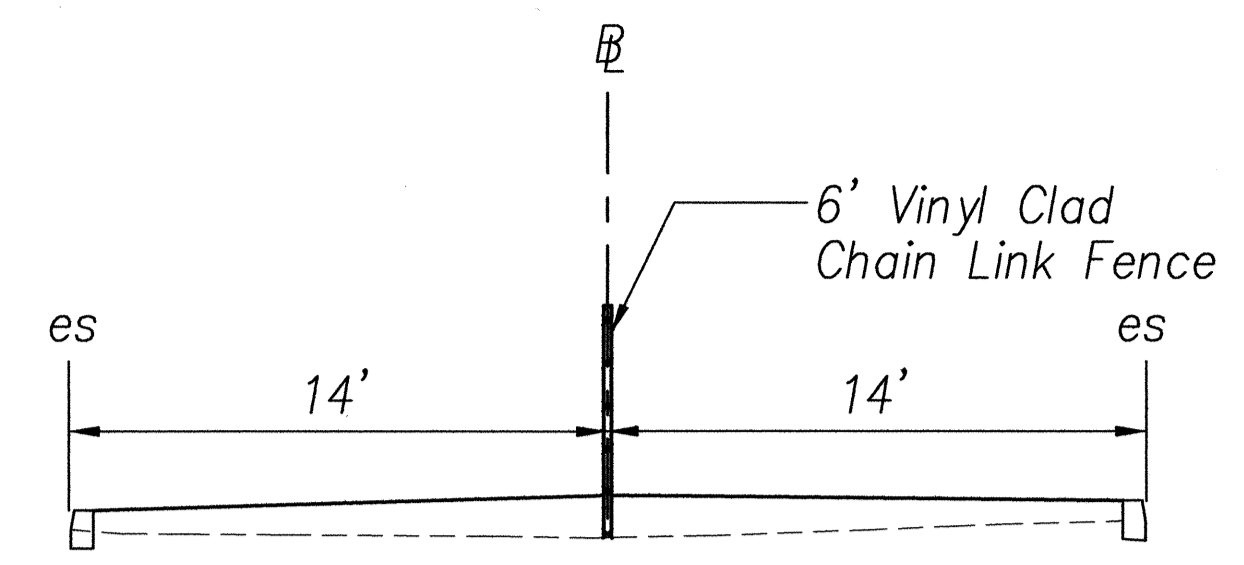
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2005	17	64



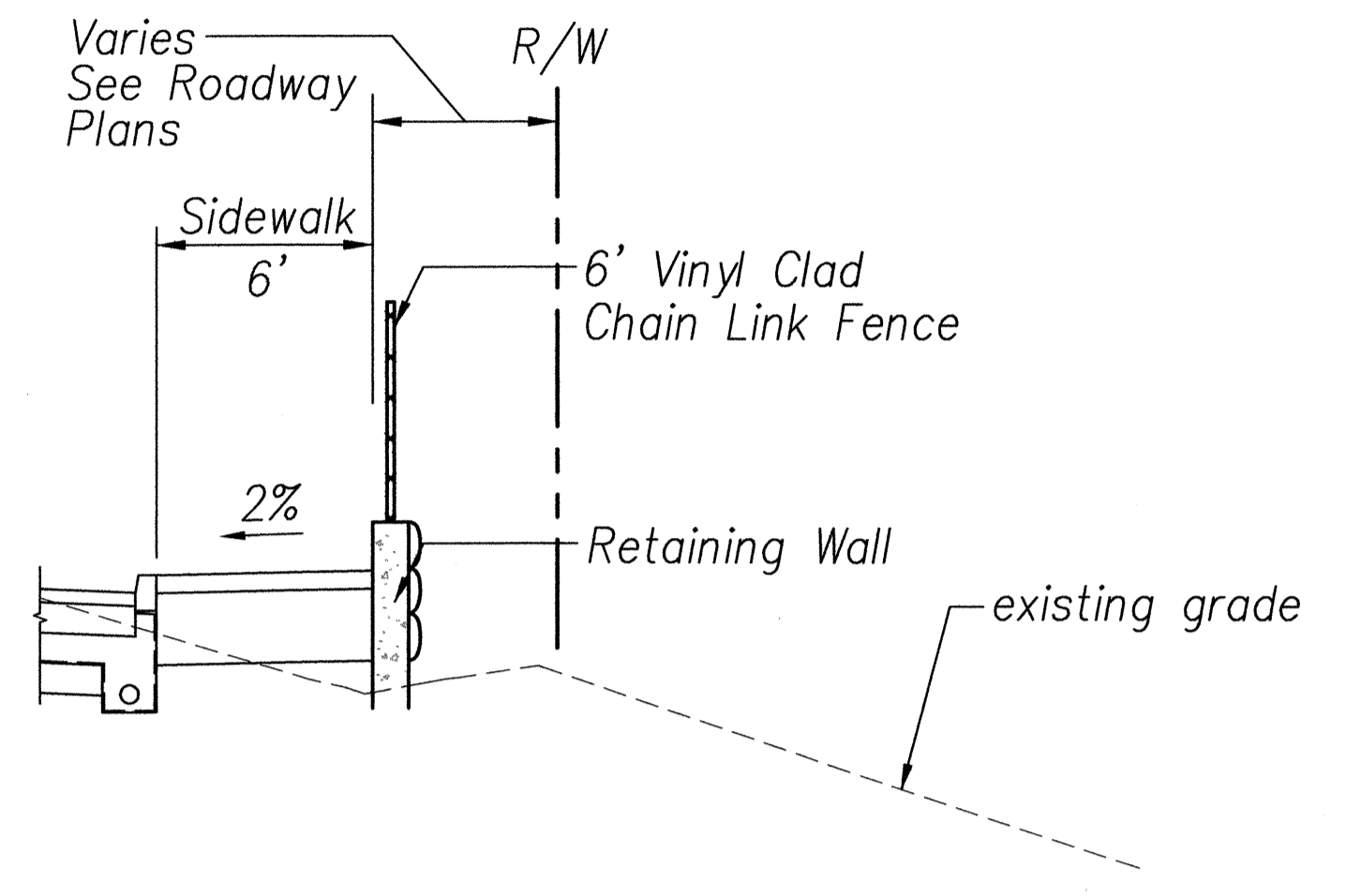
SECTION - SIDEWALK AT BRIDGE APPROACH
Scale: 1" = 5'



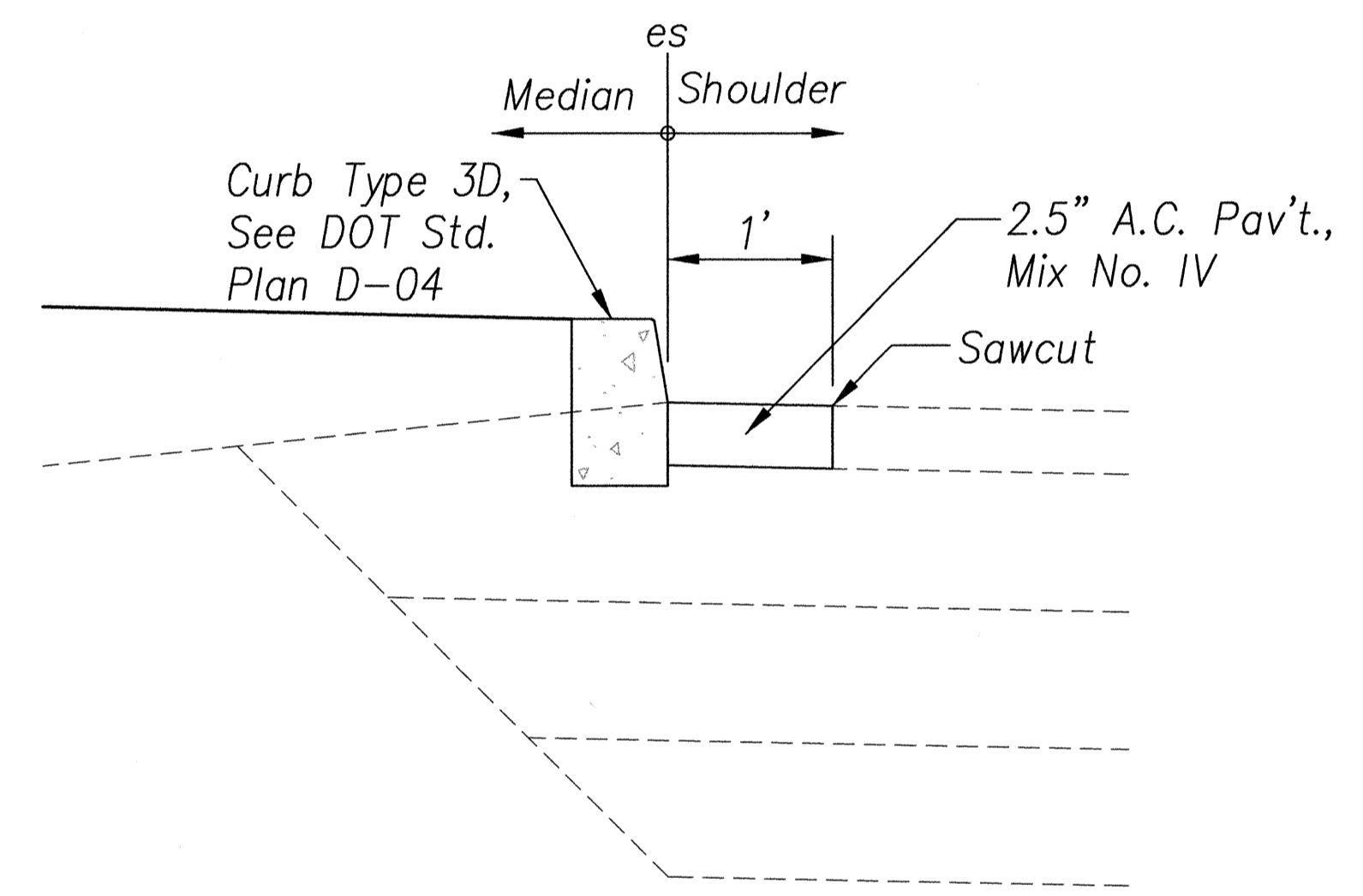
SECTION - RETAINING WALL WALL (CUT CONDITION)
Scale: 1" = 5'



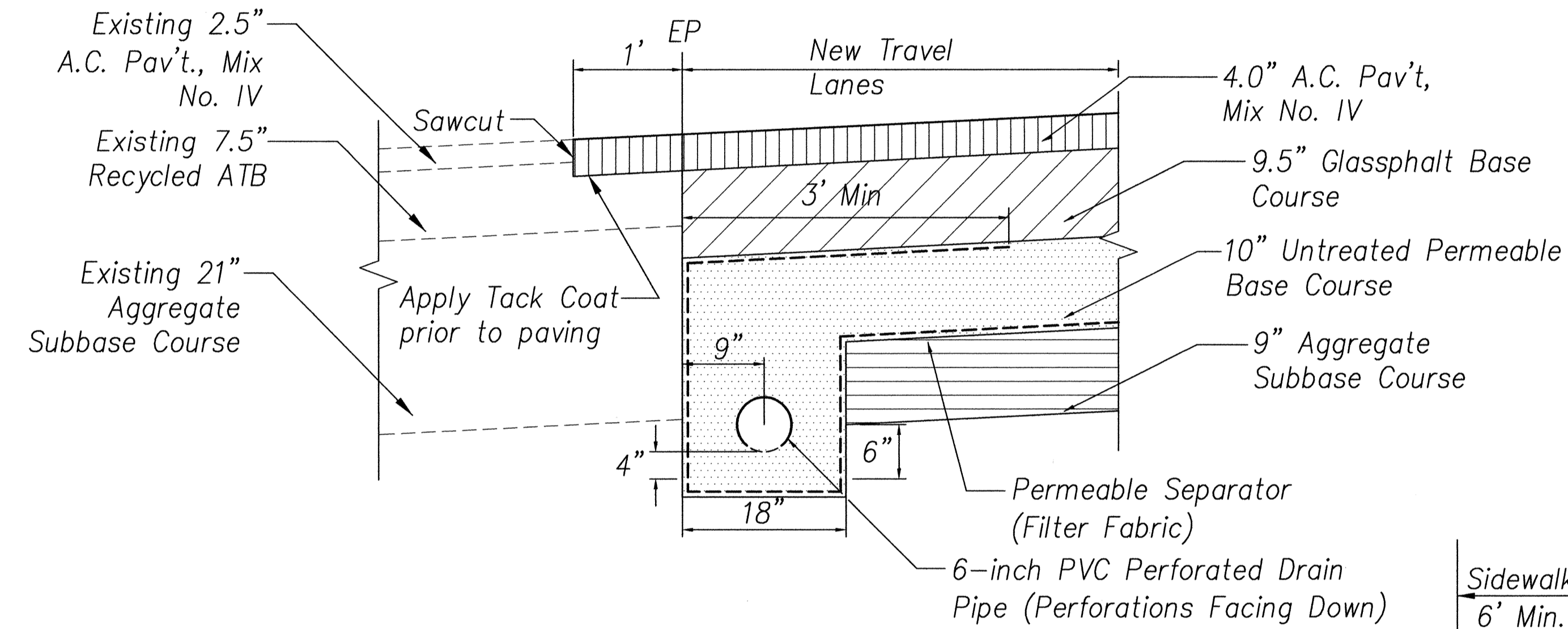
SECTION - PEDESTRIAN FENCE
B STA. 168+00 To B 194+50
Scale: 1" = 5'



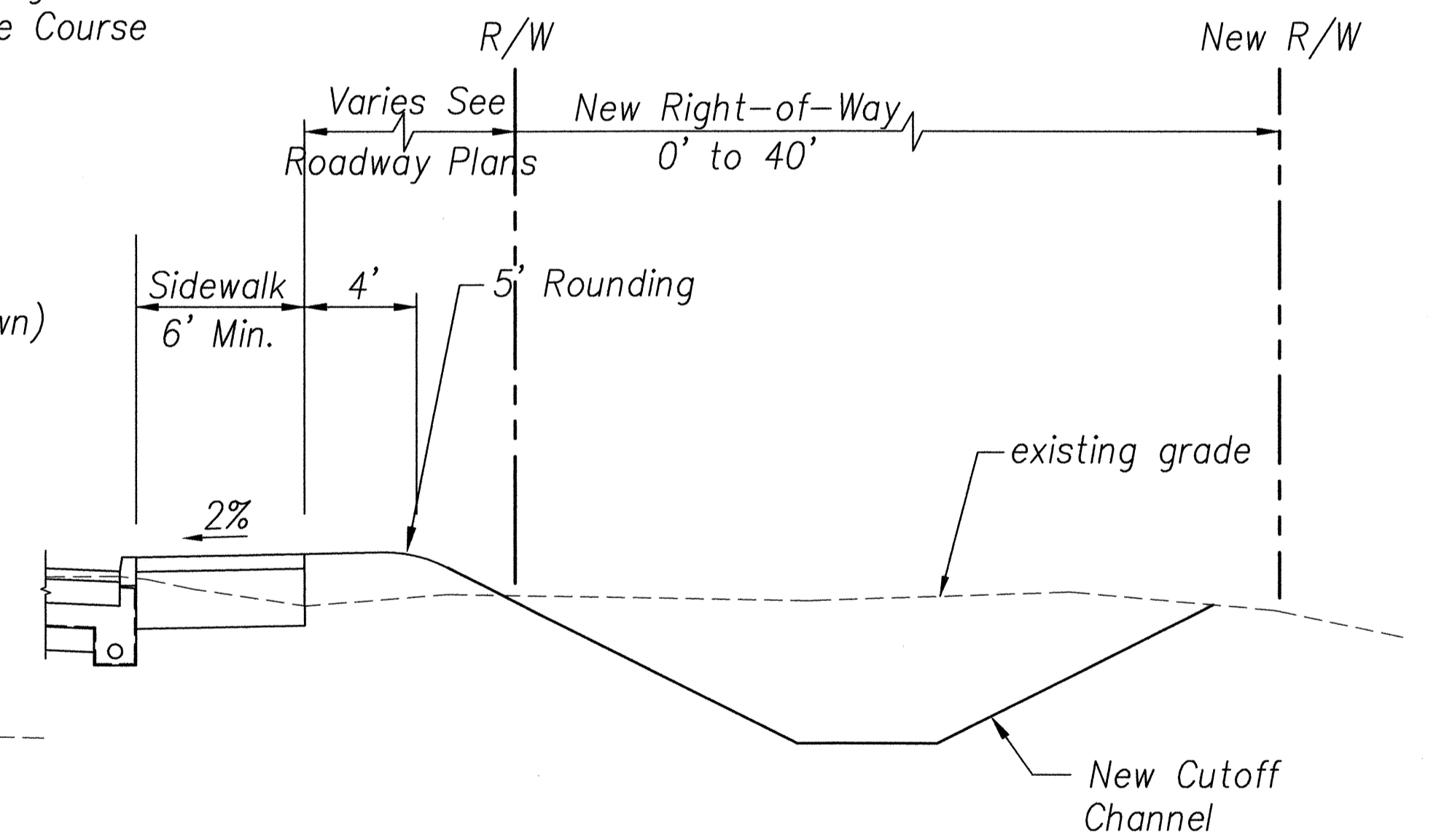
SECTION - RETAINING WALL (FILL CONDITION)
Scale: 1" = 5'



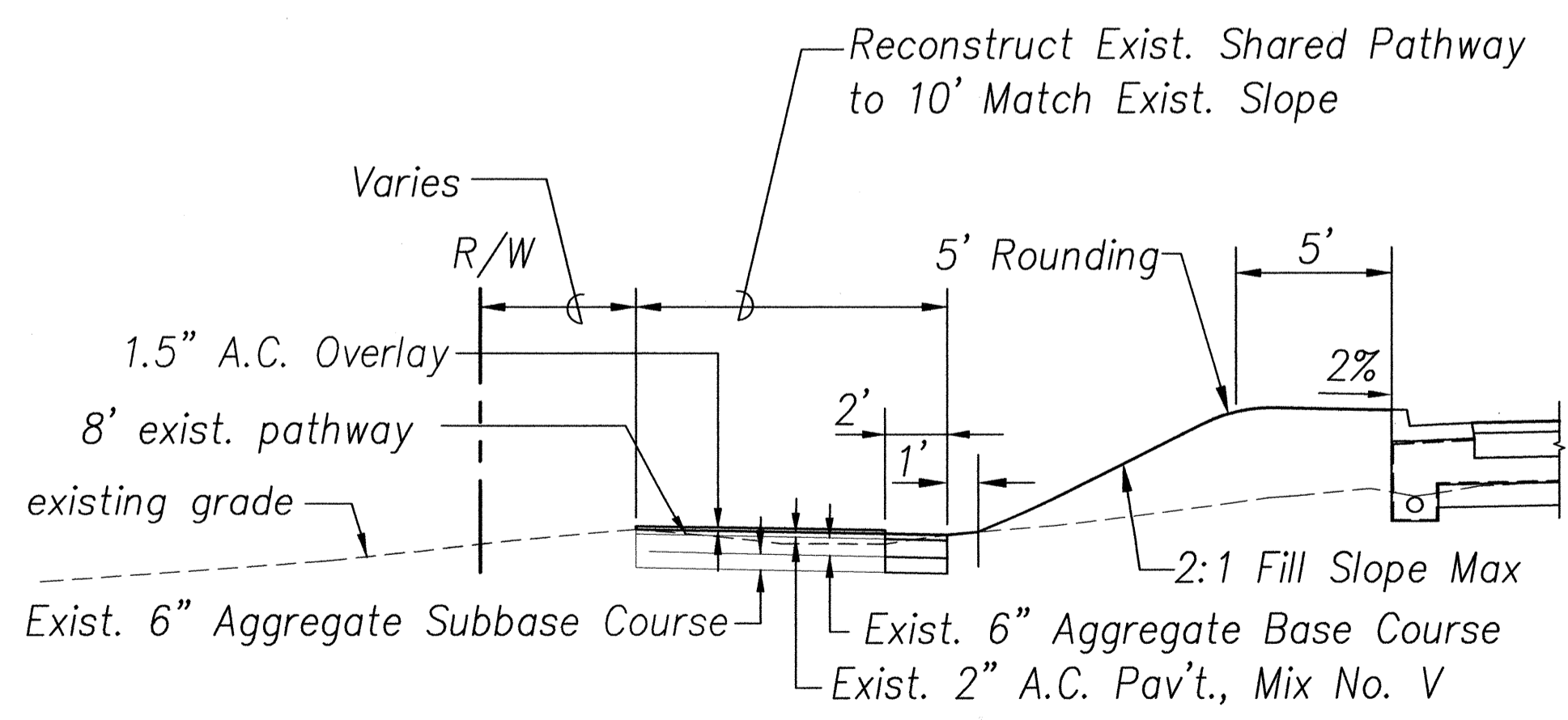
ENLARGEMENT B
Scale: 1" = 1'



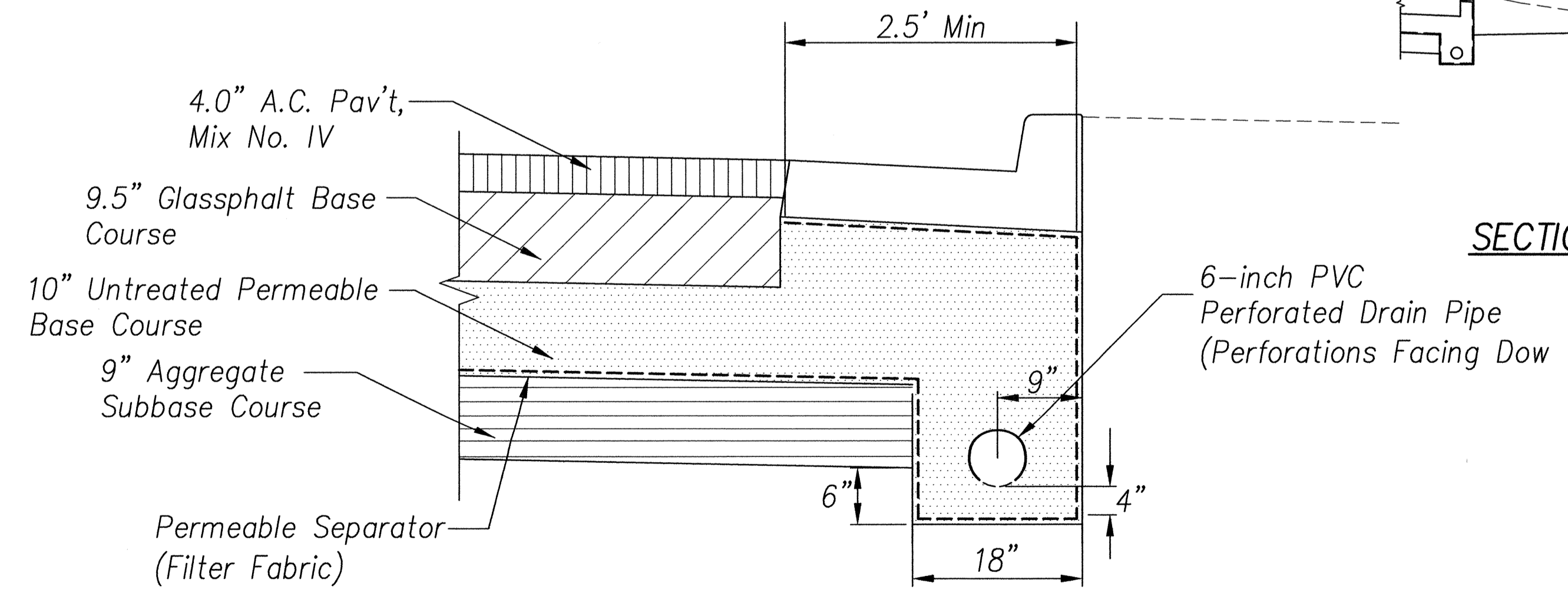
ENLARGEMENT C
Scale: 1" = 1'



SECTION - CUTOFF CHANNEL B STA. 138+00 ± To B 165+25
Scale: 1" = 5'



RECONSTRUCT EXISTING SHARED PATHWAY
Scale: 1" = 5'



ENLARGEMENT A
Scale: 1" = 1'

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TYPICAL ROAD SECTIONS

FORT WEAVER ROAD - INBOUND & OUTBOUND

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

FEDERAL AID PROJECT NO. CMAQ-076-1(9)

SCALE: AS NOTED DATE: April 1, 2005

SHEET No. 5 OF 5 SHEETS