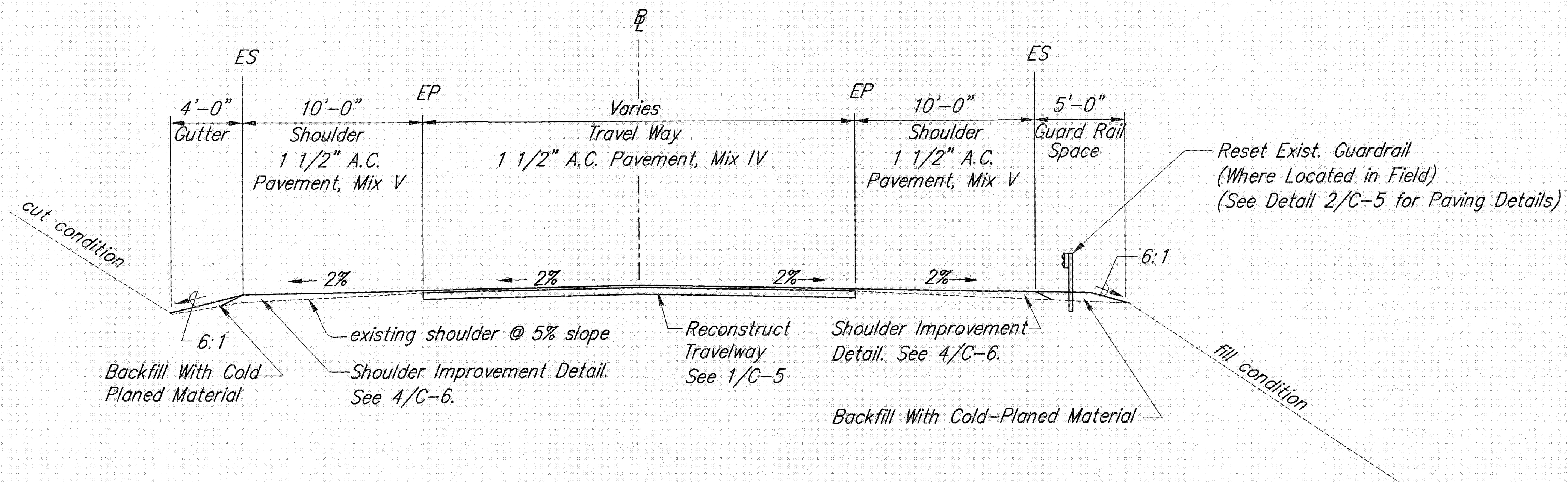
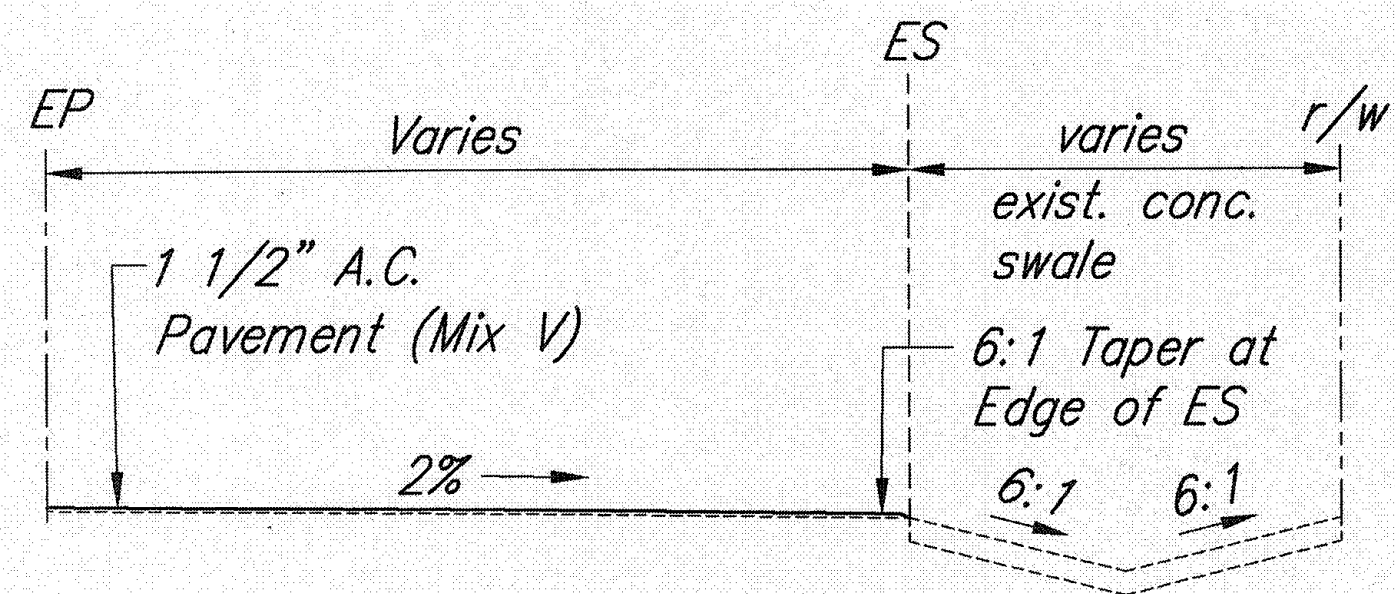


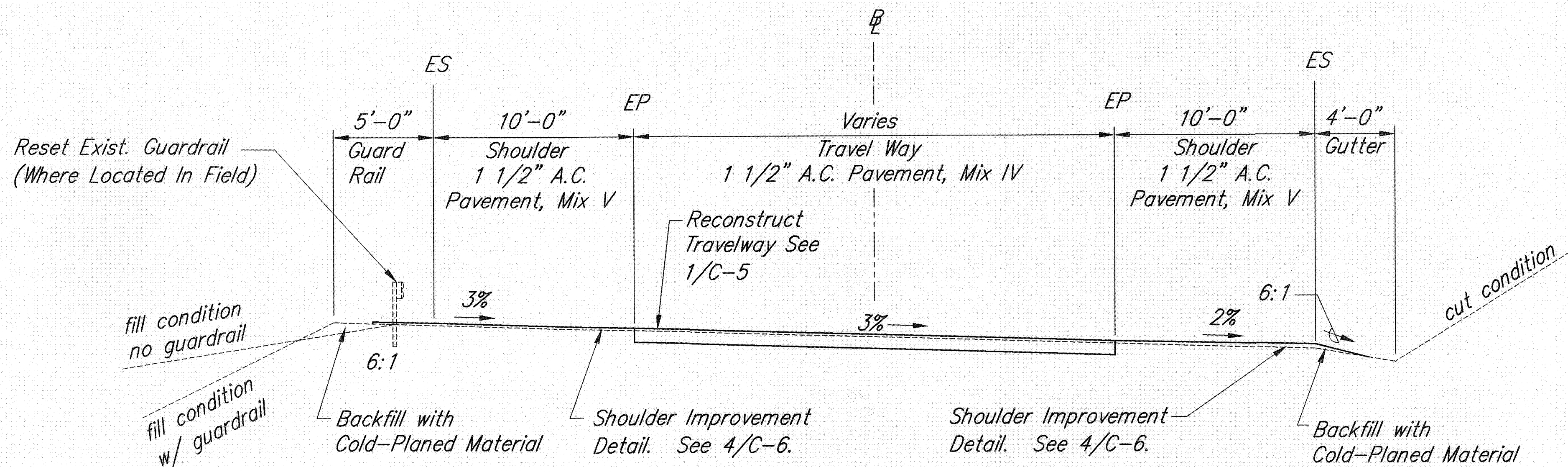
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 11A-01-04M | 2008        | 6         | 63           |



**TYPICAL CROWNED SECTION**  
Scale: 1/4" = 1'-0"  
C-4

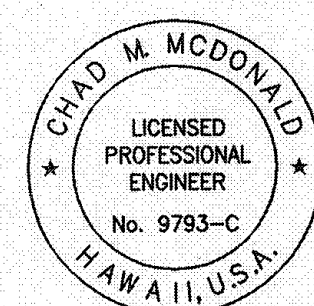
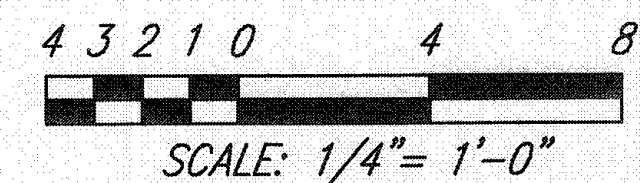


**TYPICAL SECTION AT EXISTING CONCRETE SWALE**  
Scale: 1/4" = 1'-0"



**SUPERELEVATED SECTION**  
Scale: 1/4" = 1'-0"  
C-4

GRAPHIC SCALE:



This work was prepared by me or under my supervision

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**

**QUEEN KAAHUMANU HIGHWAY**  
Resurfacing, Henry Street to Lako Road  
Project No. 11A-01-04M

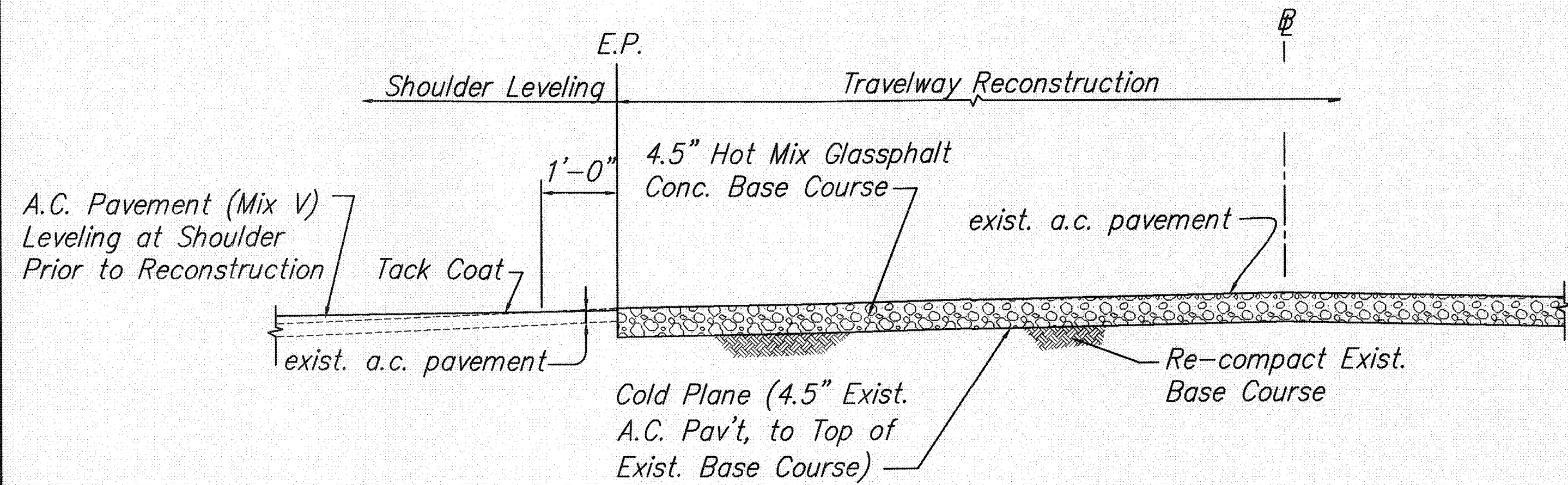
SCALE: As Noted DATE: May 2008

SHEET No. C-4 OF 63 SHEETS

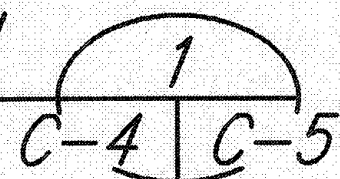


T:\1165-01-C - Queen Kaahumanu Hwy Resurfacing - Henry to Lako\DWG\C05-TYP\_SECTIONS-2.dwg, 5/8/2008 11:06:16 AM, 1:1

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 11A-01-04M | 2008        | 7         | 63           |

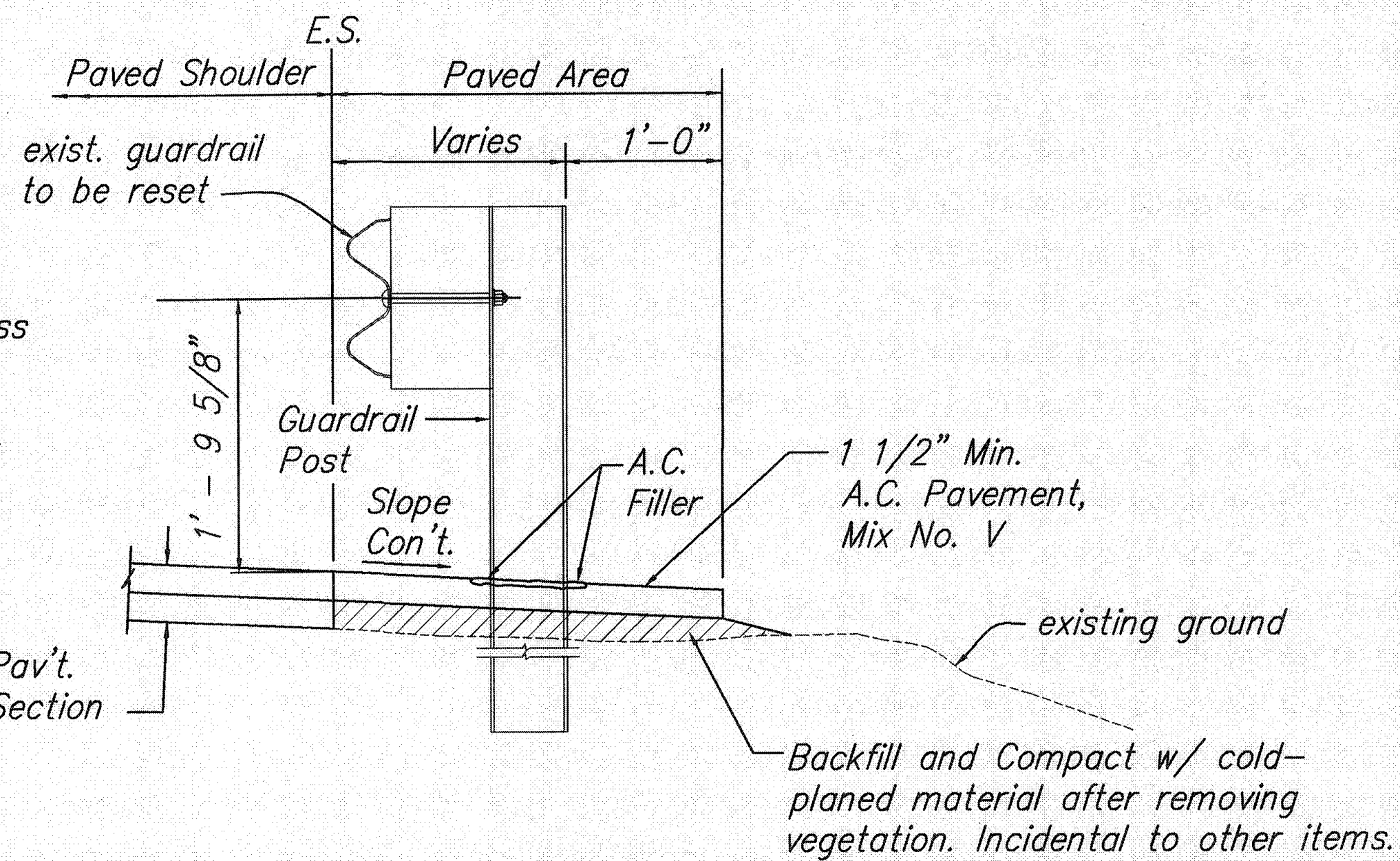


**TYPICAL PAVEMENT RECONSTRUCTION**  
Not to Scale

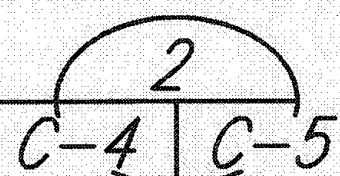


**NOTES:**

- Existing guardrails are to be reset, unless noted otherwise on plan.
- When standards for the fill slope area cannot be met, a site specific, engineer approved design may be used.
- New A.C. pavement at guardrails shall extend 5 feet longitudinally beyond terminal ends.
- See Paving Under Existing Guardrail Schedule for guardrail paving limits.



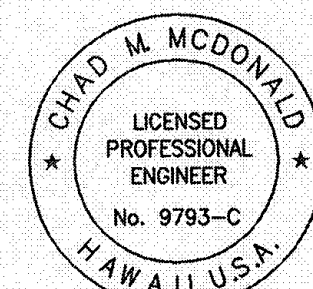
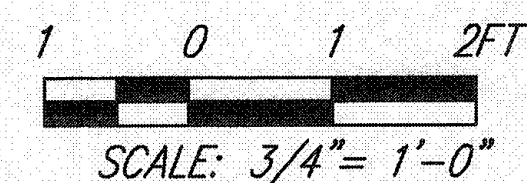
**TYPICAL PAVING UNDER GUARDRAIL**  
Not to Scale



**PAVING UNDER EXISTING GUARDRAIL SCHEDULE**

| Station From         | Station To | Offset Left | Offset Right | Length (ft.) |
|----------------------|------------|-------------|--------------|--------------|
| 115+00               | 120+40     | X           |              | 566          |
| 115+00               | 116+46     |             | X            | 144          |
| 137+98               | 139+82     | X           |              | 214          |
| 140+32               | 142+10     | X           |              | 214          |
| 142+36               | 148+62     | X           |              | 675          |
| 153+94               | 155+28     | X           |              | 122          |
| 171+76               | 174+58     | X           |              | 275          |
| 182+98               | 184+73     | X           |              | 183          |
| 188+20               | 189+51     | X           |              | 144          |
| 194+74               | 198+98     | X           |              | 428          |
| 193+94               | 199+12     |             | X            | 516          |
| 212+99               | 217+54     |             | X            | 454          |
| 214+83               | 223+06     | X           |              | 890          |
| 241+13               | 243+36     | X           |              | 215          |
| 241+19               | 243+85     |             | X            | 289          |
| Contract Item Number |            | 401.0300    | 5329         |              |

**GRAPHIC SCALE:**



This work was prepared by me or under my supervision

Chad M. McDonald  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2010

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

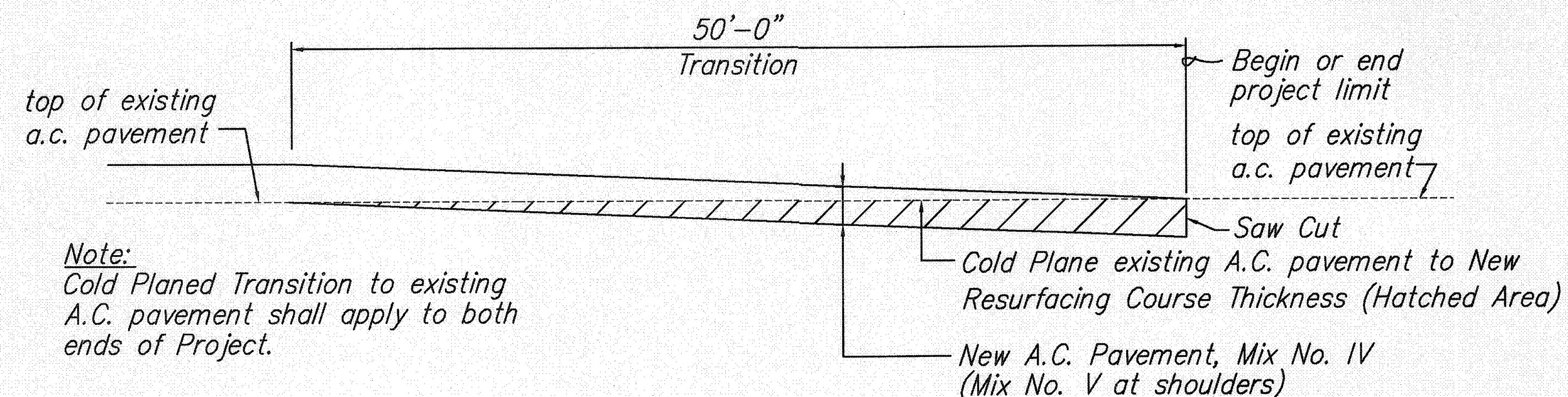
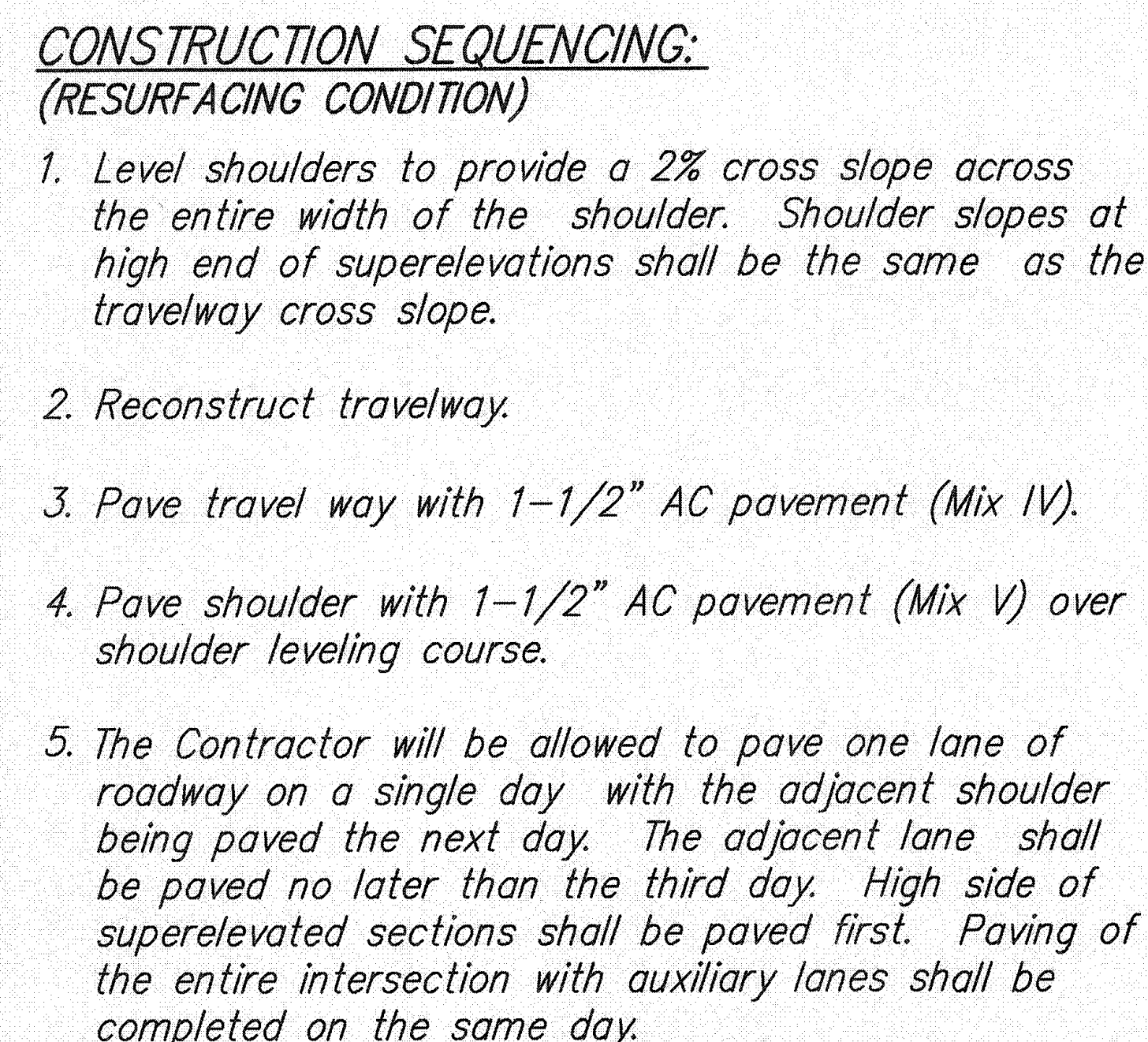
**TYPICAL SECTIONS**

**QUEEN KAAHUMANU HIGHWAY**  
Resurfacing, Henry Street to Lako Road  
Project No. 11A-01-04M

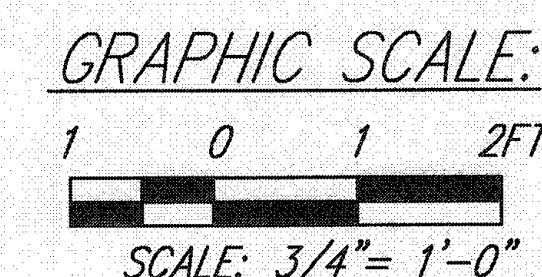
SCALE: As Noted DATE: May 2008

SHEET No. C-5 OF 63 SHEETS



[illegible]

Note:  
Apply tack coat to existing A.C. pavement and edge of all transverse and longitudinal joints prior to resurfacing.



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

*TYPICAL SECTIONS*

*QUEEN KAAHUMANU HIGHWAY*  
*Resurfacing, Henry Street to Lako Road*  
*Project No. 11A-01-04M*

SCALE: As Noted      DATE: May 2008

SHEET No. **C-6** OF 63 SHEETS