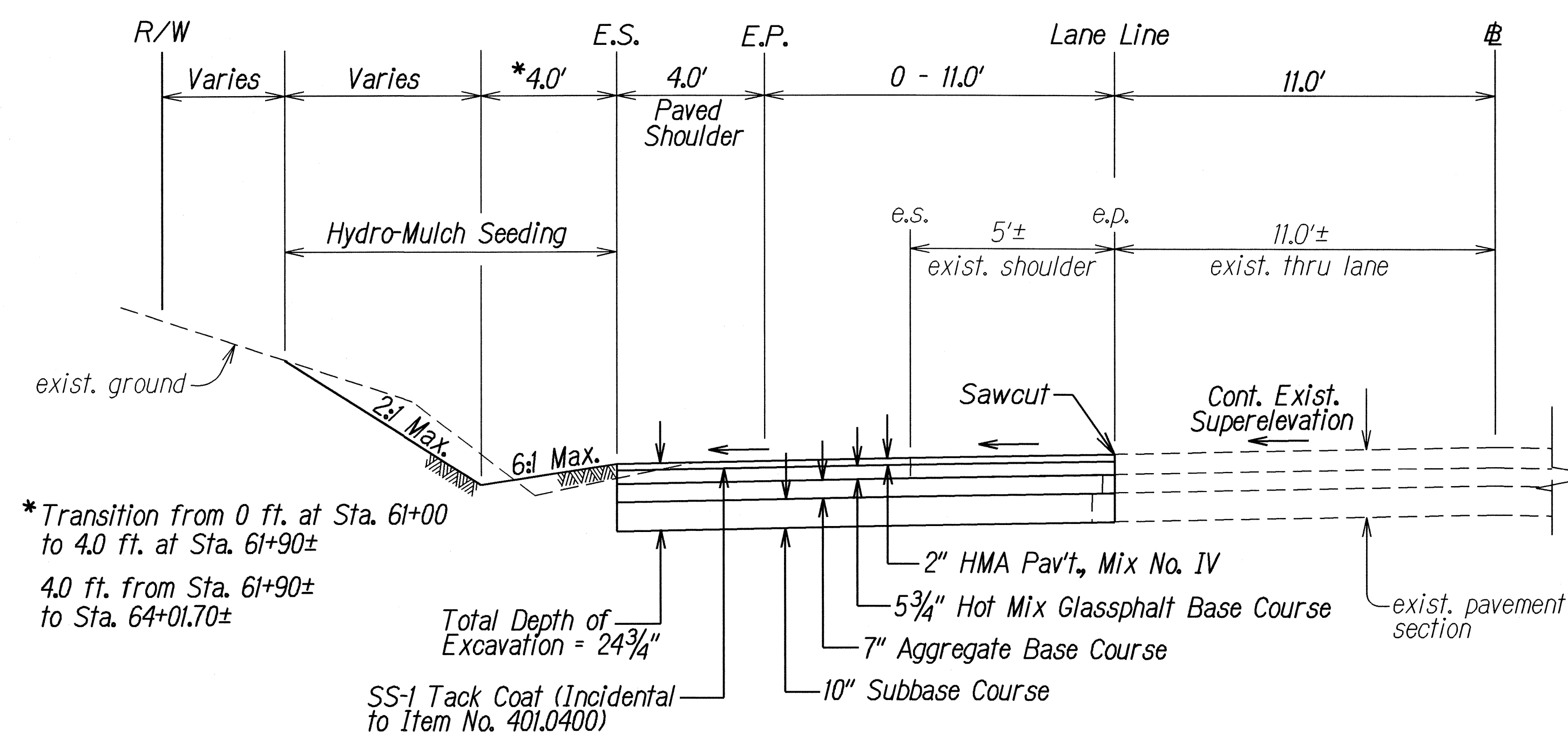
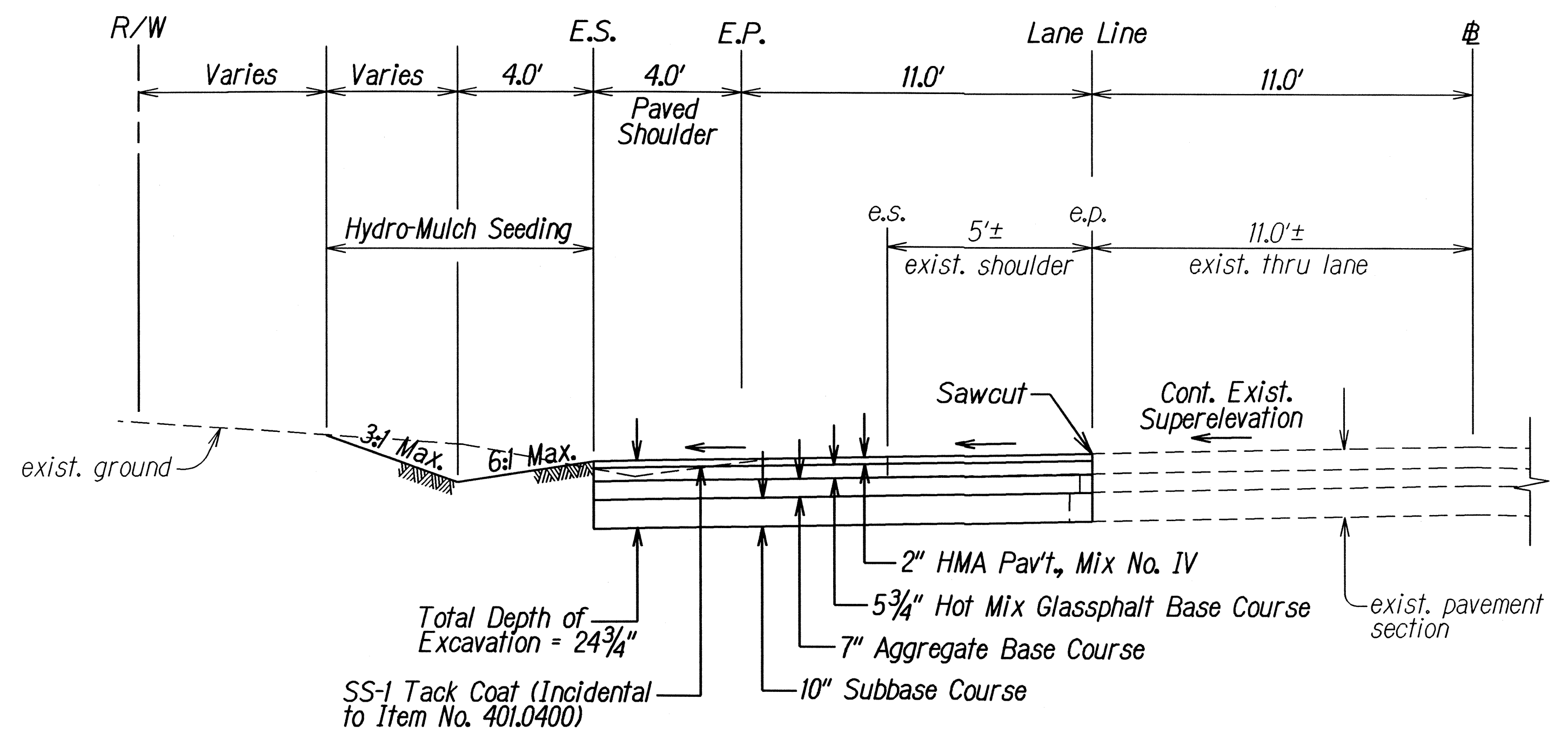


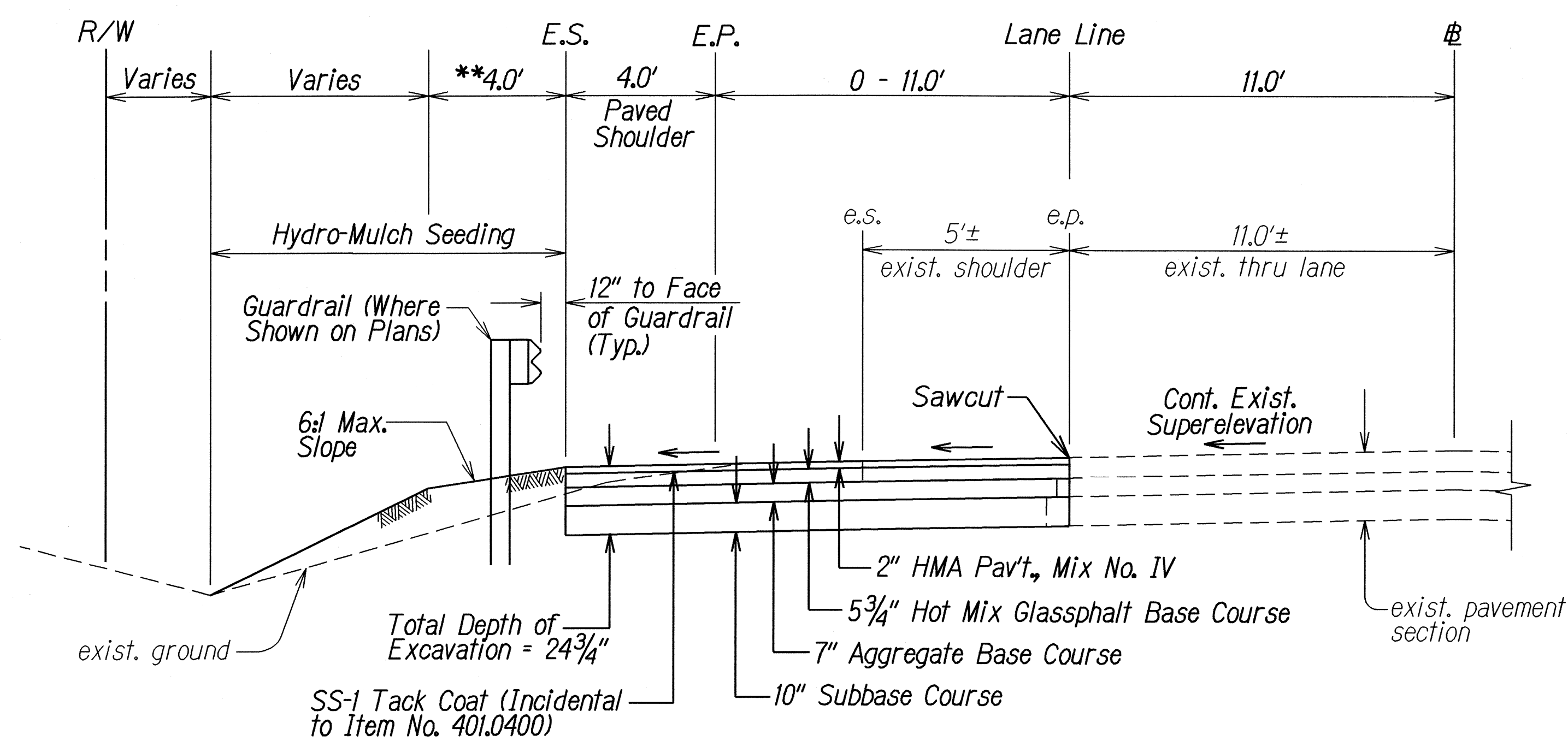
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-09	2009	6	26



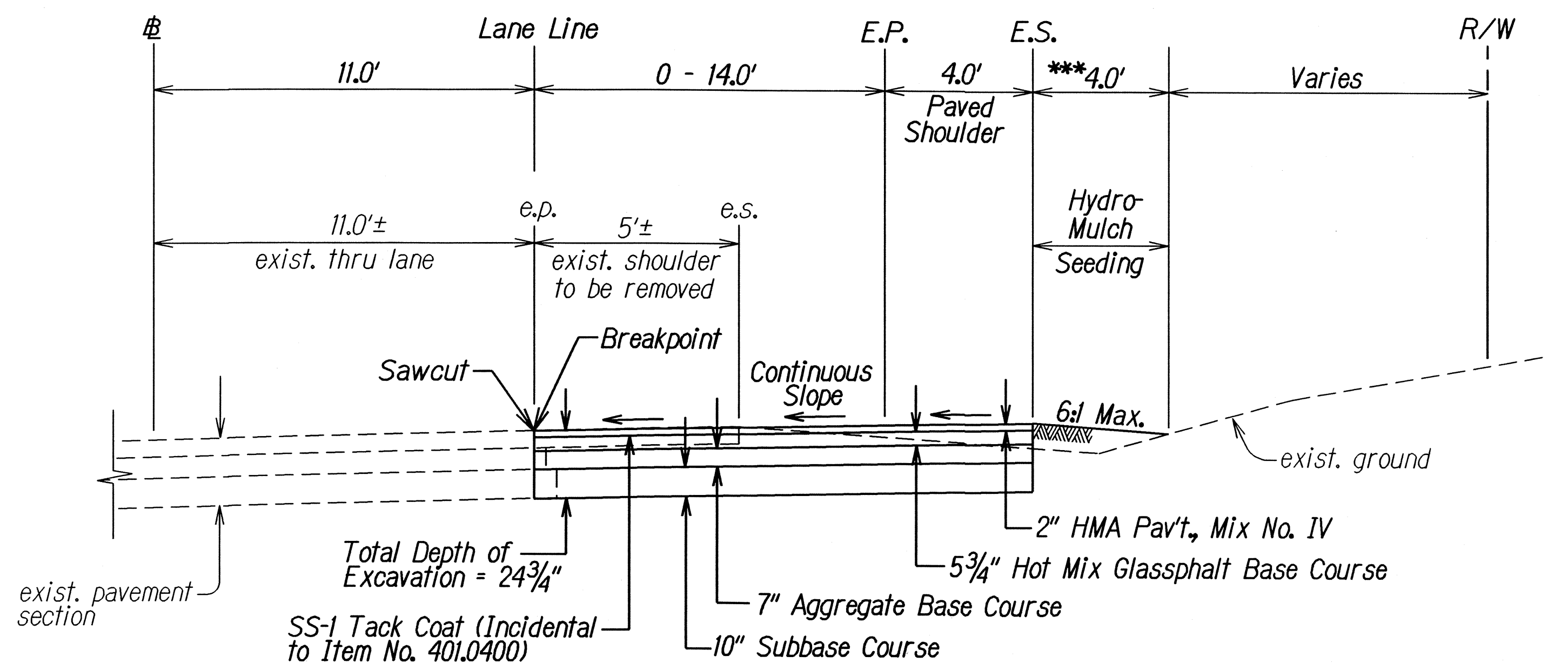
TYPICAL SECTION
 # 61+00 to # 64+01.70 o/s Lt.
 Not to Scale



TYPICAL SECTION
 # 64+01.70 to # 66+81.70 o/s Lt.
 Not to Scale



TYPICAL SECTION
 # 66+81.70 to # 69+46.05 o/s Lt.
 Not to Scale



TYPICAL SECTION
 # 63+99.59 to # 65+49.59 o/s Rt.
 Not to Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL SECTIONS

KUHIO HIGHWAY

Intersection Improvements at

Waialua Street & North Waialua Street

Project No. 56C-01-09

Not to Scale

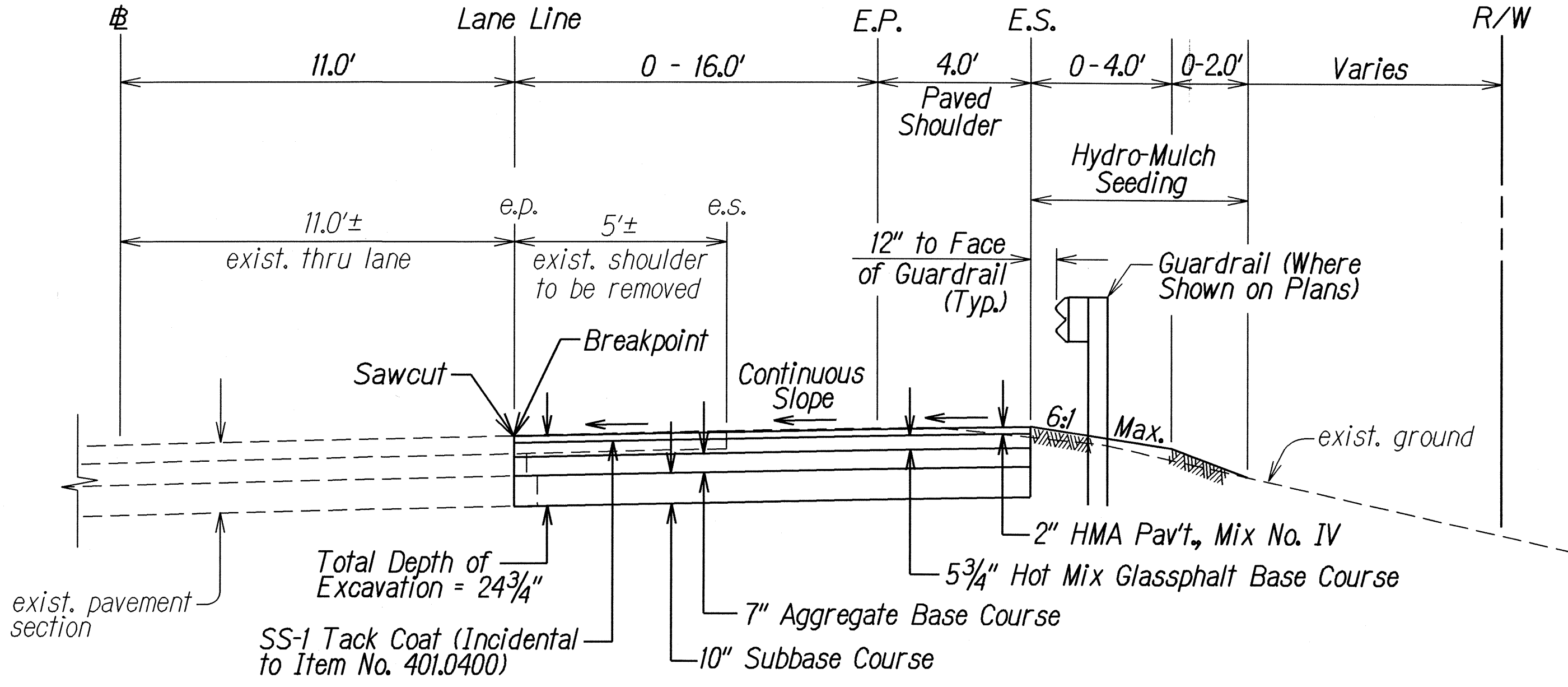
Date: April 2009

DATE	2/09
DESIGNED BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
ORIGINAL PLAN	

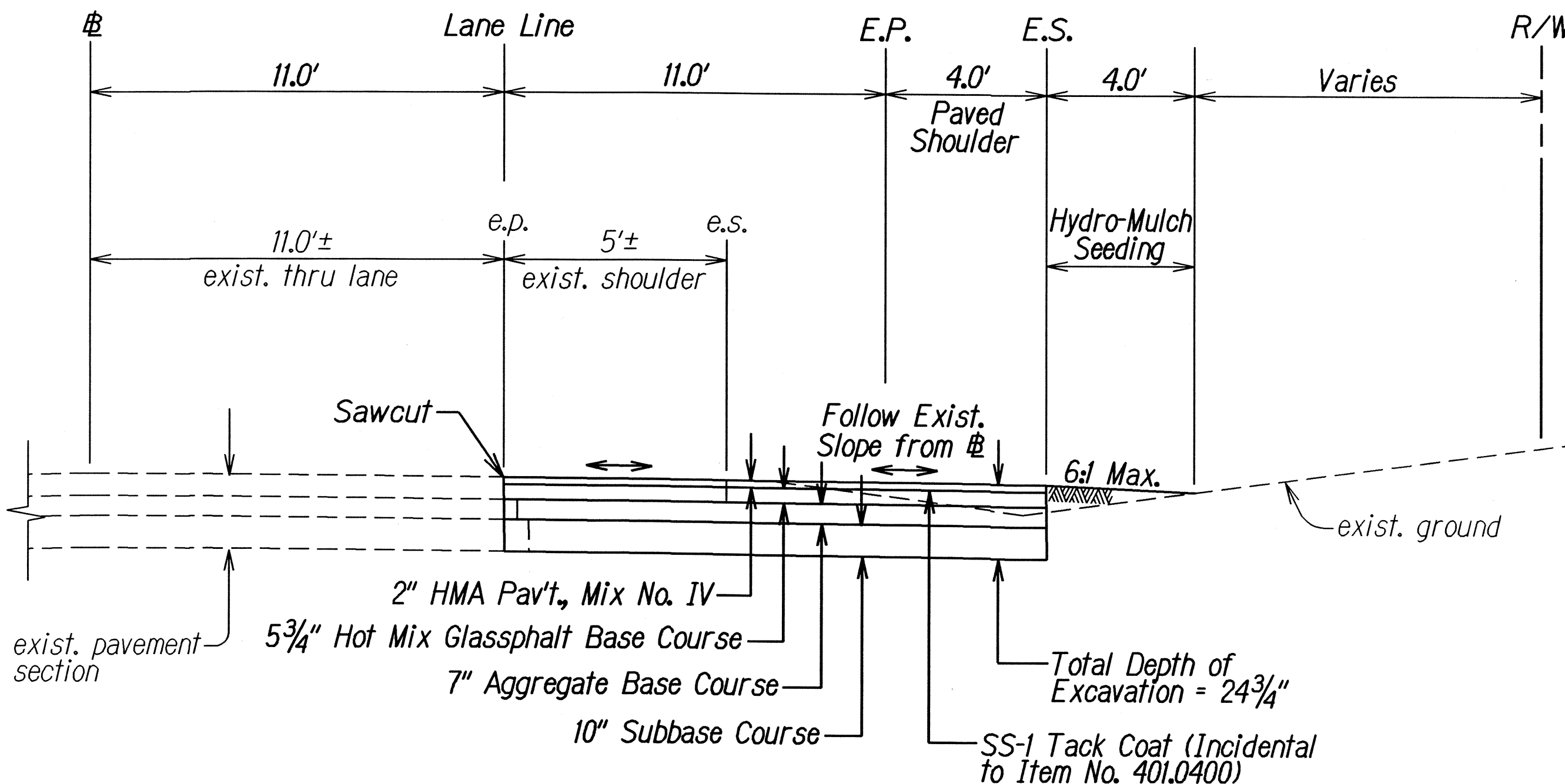
** 4.0 ft. from Sta. 66+81.70± to Sta. 68+80±
 Transition from 4.0 ft. at Sta. 68+80± to 0 ft. at Sta. 69+46.05

*** Transition from 0 ft. at Sta. 63+99.59± to 4 ft. at Sta. 64+60±
 4.0 ft. from Sta. 64+60± to Sta. 65+49.59

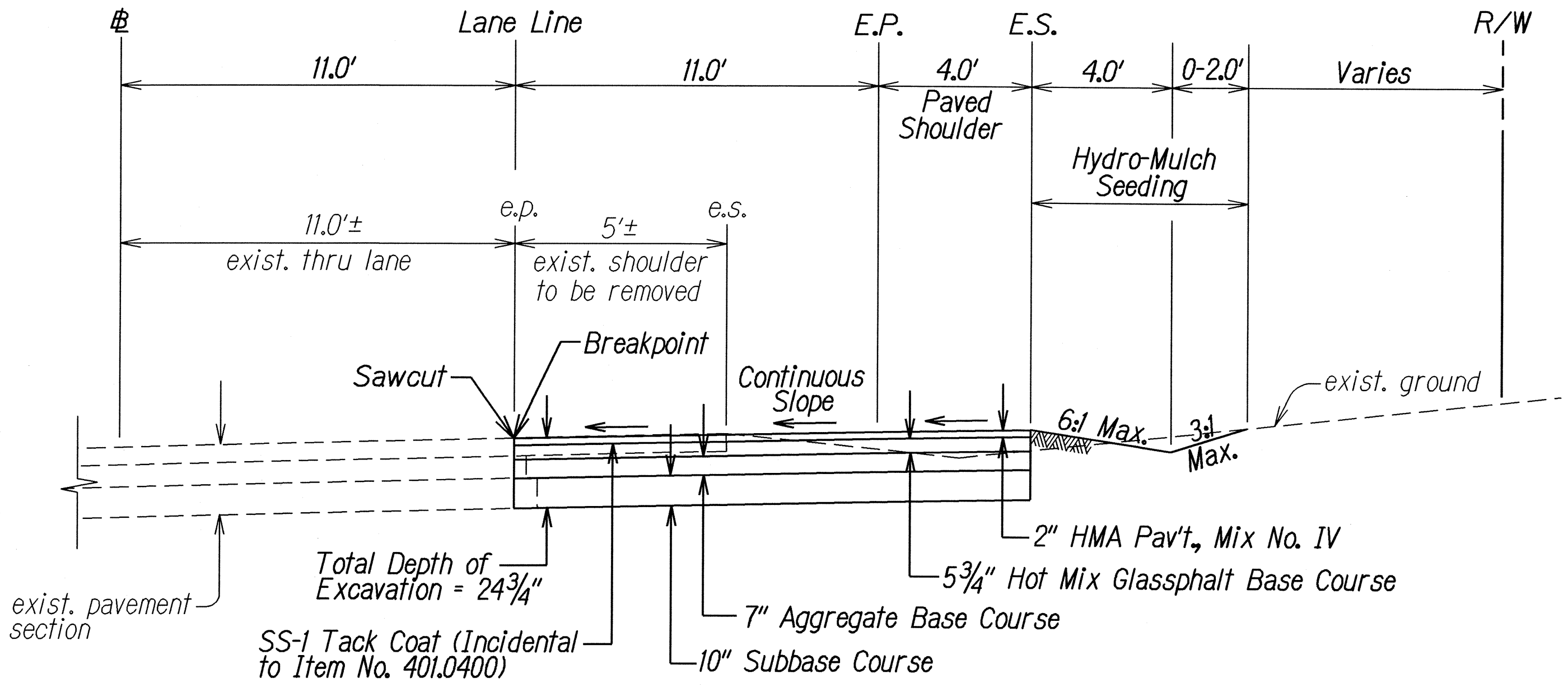
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-09	2009	7	26



TYPICAL SECTION
66+23.54 to # 67+90.54 o/s Rt.
 Not to Scale

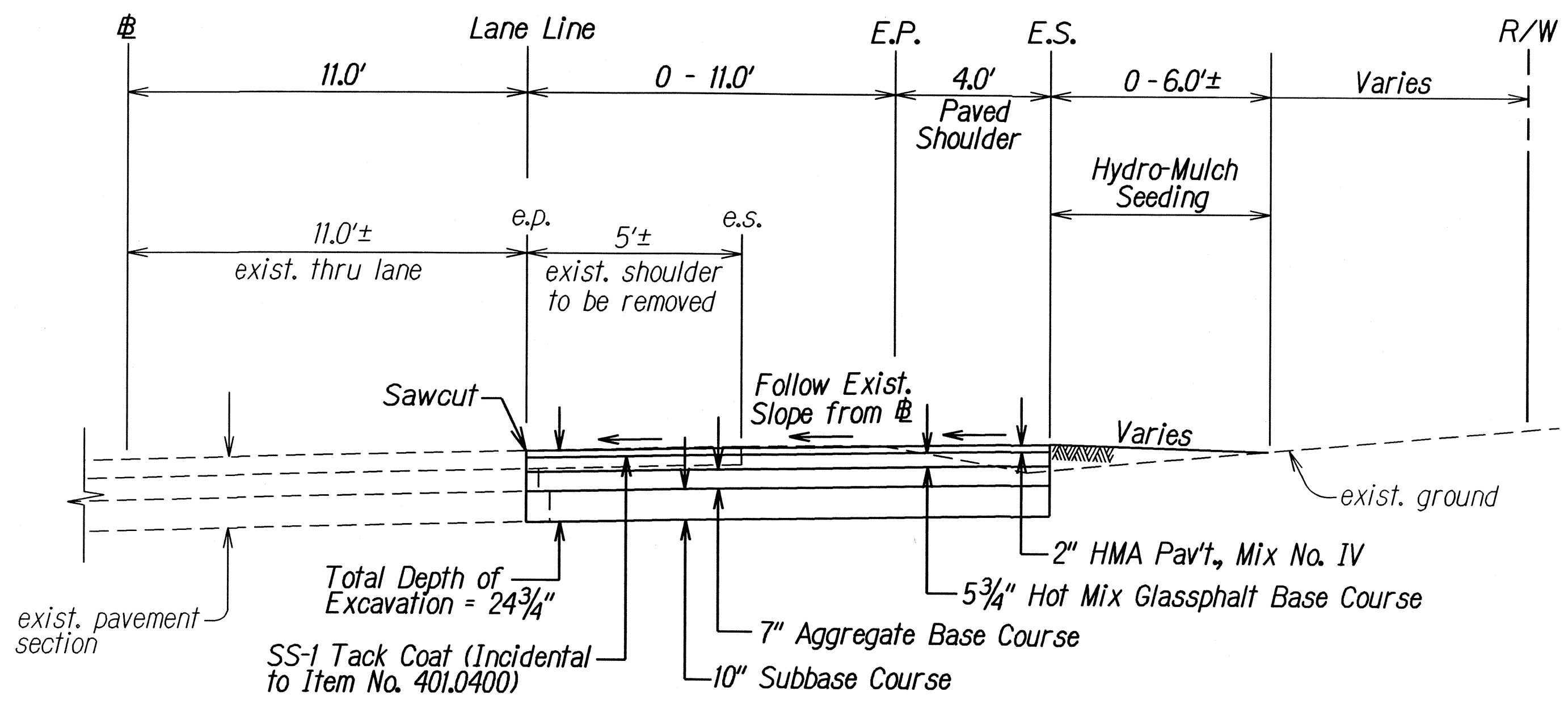


TYPICAL SECTION
71+03.10 to # 73+78.10 o/s Rt.
 Not to Scale



NOTE:
 See Plan Sht. No. 18 for existing
 driveway typical section.

TYPICAL SECTION
73+78.10 to # 75+48.10 o/s Rt.
 Not to Scale



TYPICAL SECTION
75+48.10 to # 78+77.04 o/s Rt.
 Not to Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL SECTIONS

KUHIO HIGHWAY

Intersection Improvements at

Waialua Street & North Waialua Street

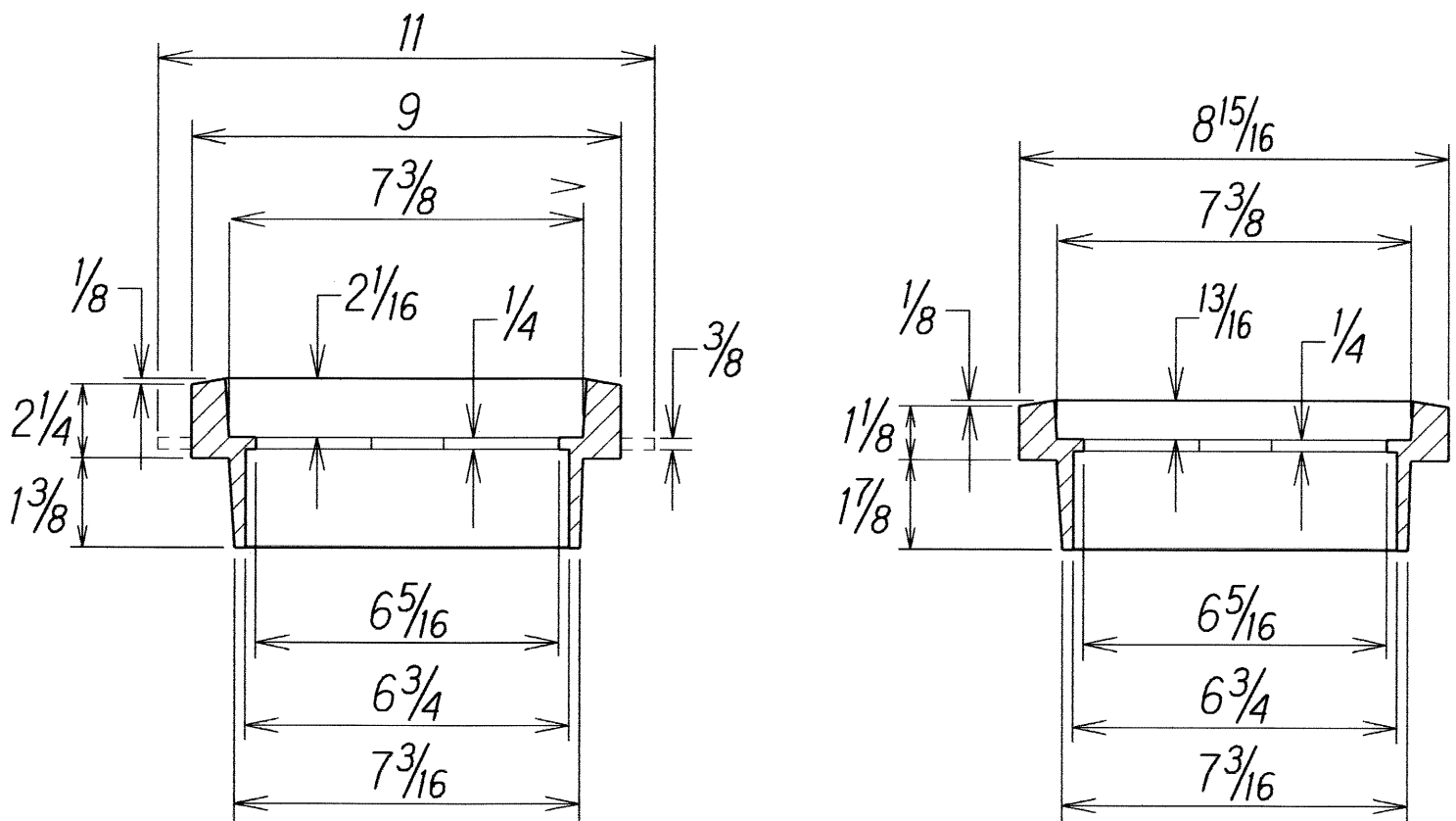
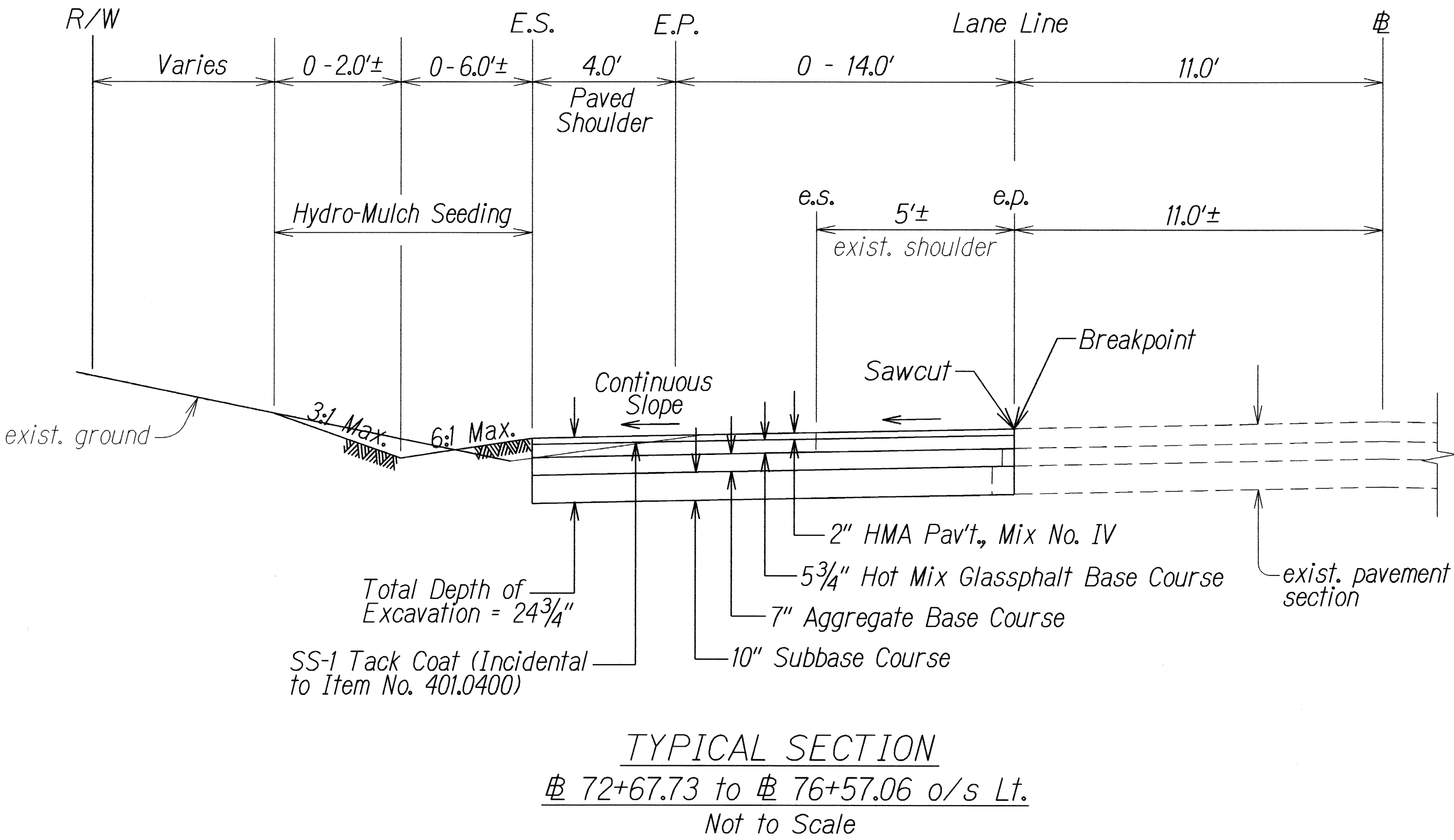
Project No. 56C-01-09

Not to Scale

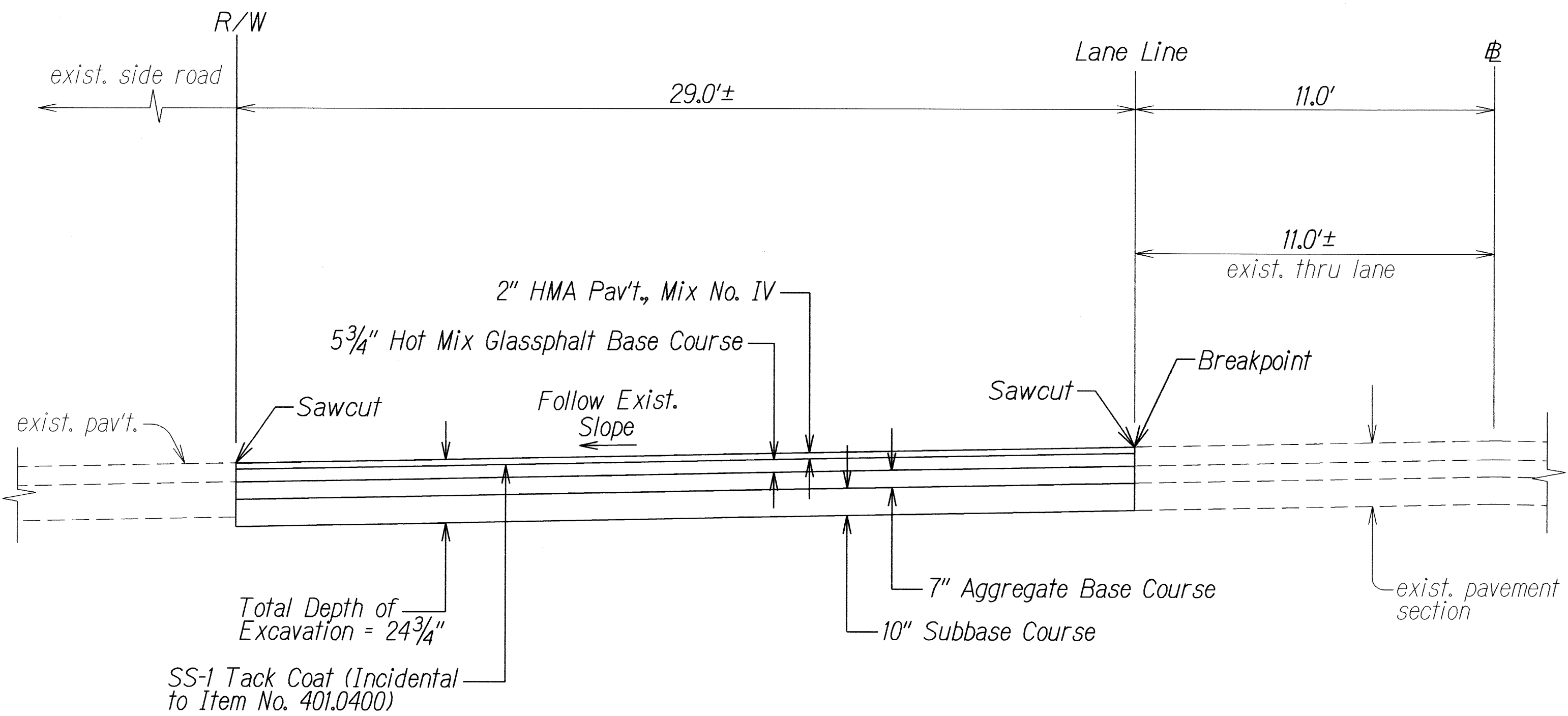
Date: April 2009

ORIGINAL PLAN	DATE
DRAWN BY	2/09
DESIGNED BY	
CHECKED BY	
NOTED BY	
REVISIONS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-09	2009	8	26



Note:
 Tack weld cast iron riser to
 existing cast iron valve box.



RISERS			
Item/Description	UPCode	Height Increase	Weight
5 1/4 x 1 1/8 Slip-In*	145554	1 1/8"	8
5 1/4 x 2 1/4 Slip-In	145547	2 1/4"	14

*Use with 1 1/8" Lid only

FIXED CAST IRON RISER FOR ALL 5-1/4" SHAFT VALVE BOXES

Not to Scale

APPROVED:

For Manager & Chief Engineer
 Department of Water

4/20/09
 Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
KUHIO HIGHWAY
Intersection Improvements at
Waiakalua Street & North Waiakalua Street
Project No. 56C-01-09
Not to Scale
Date: April 2009

SHEET No. 3 OF 3 SHEETS

DATE	2/2/09
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
REVISIONS	
NO.	