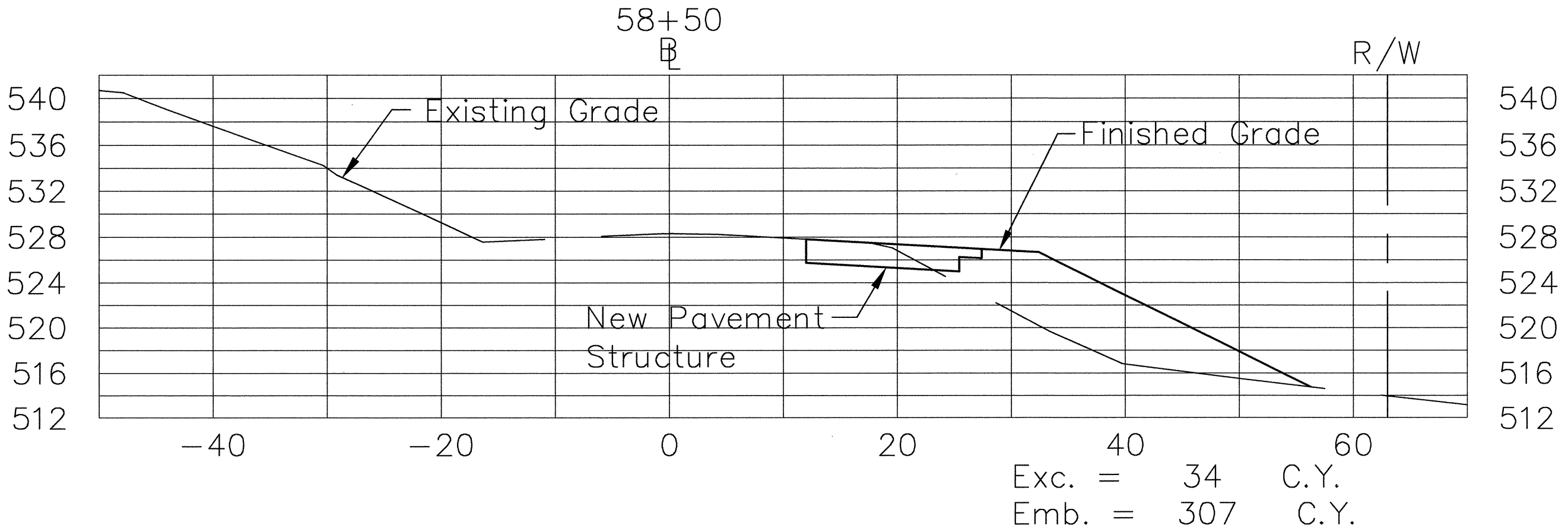
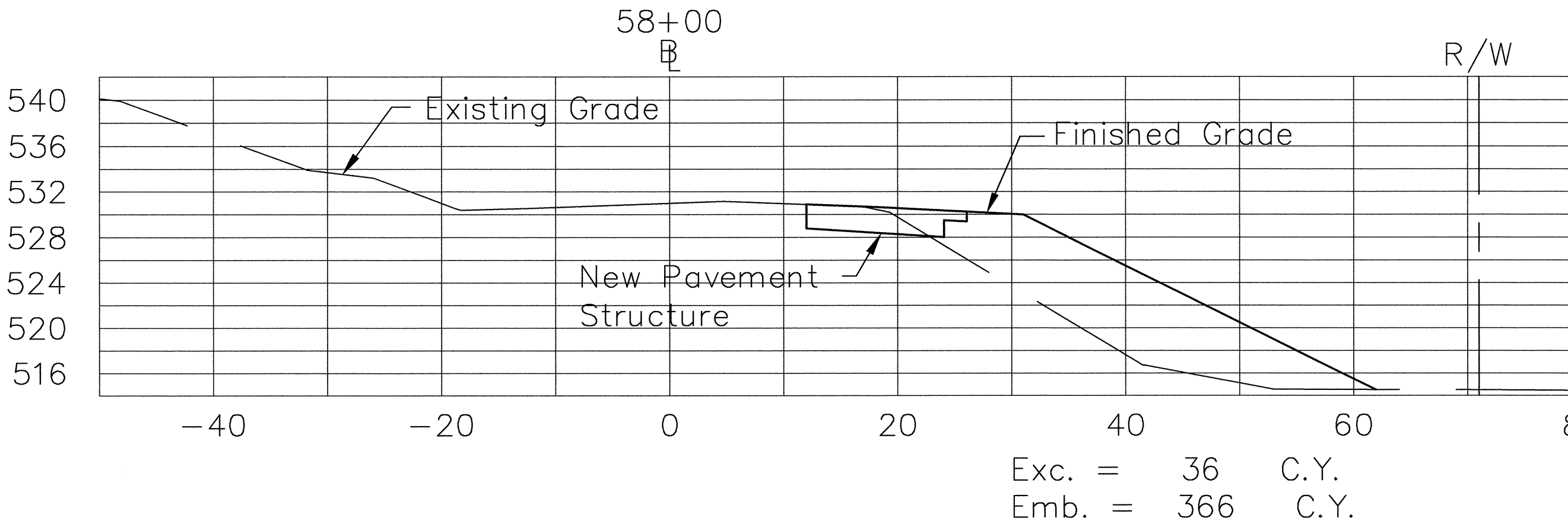


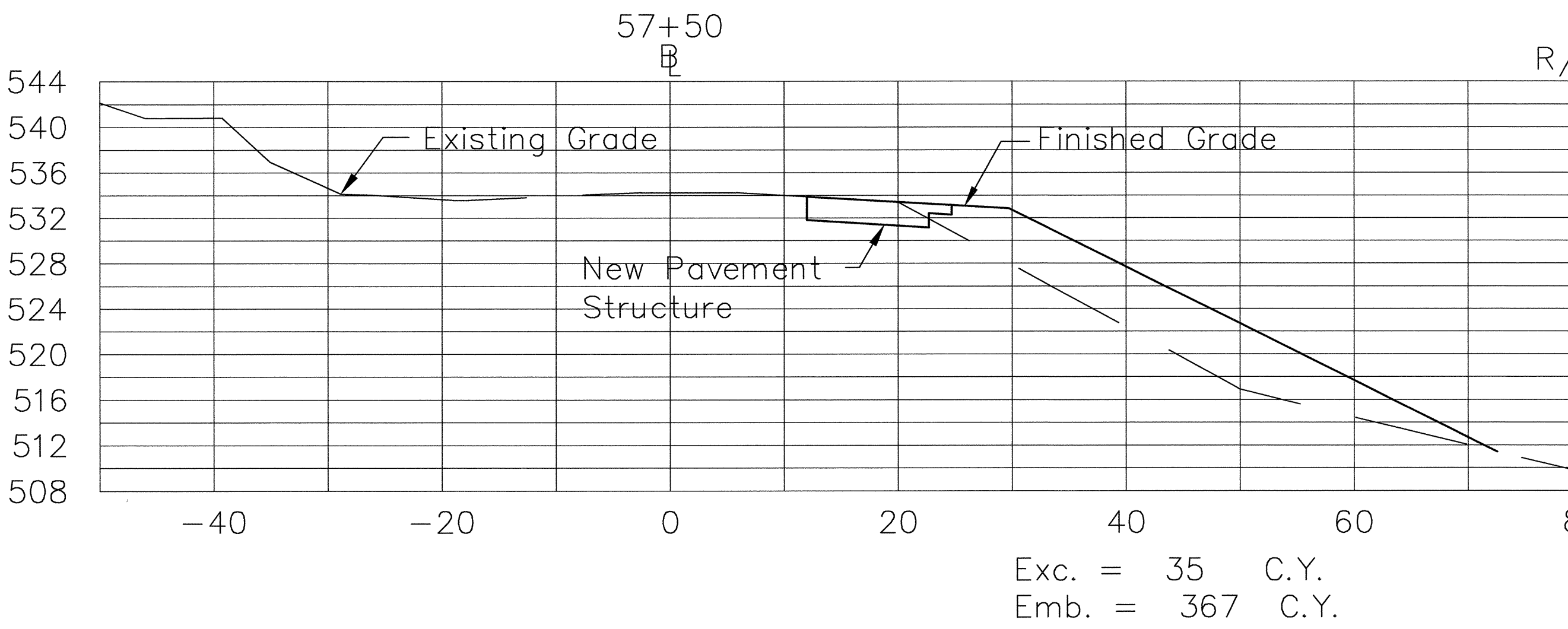
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	22	72



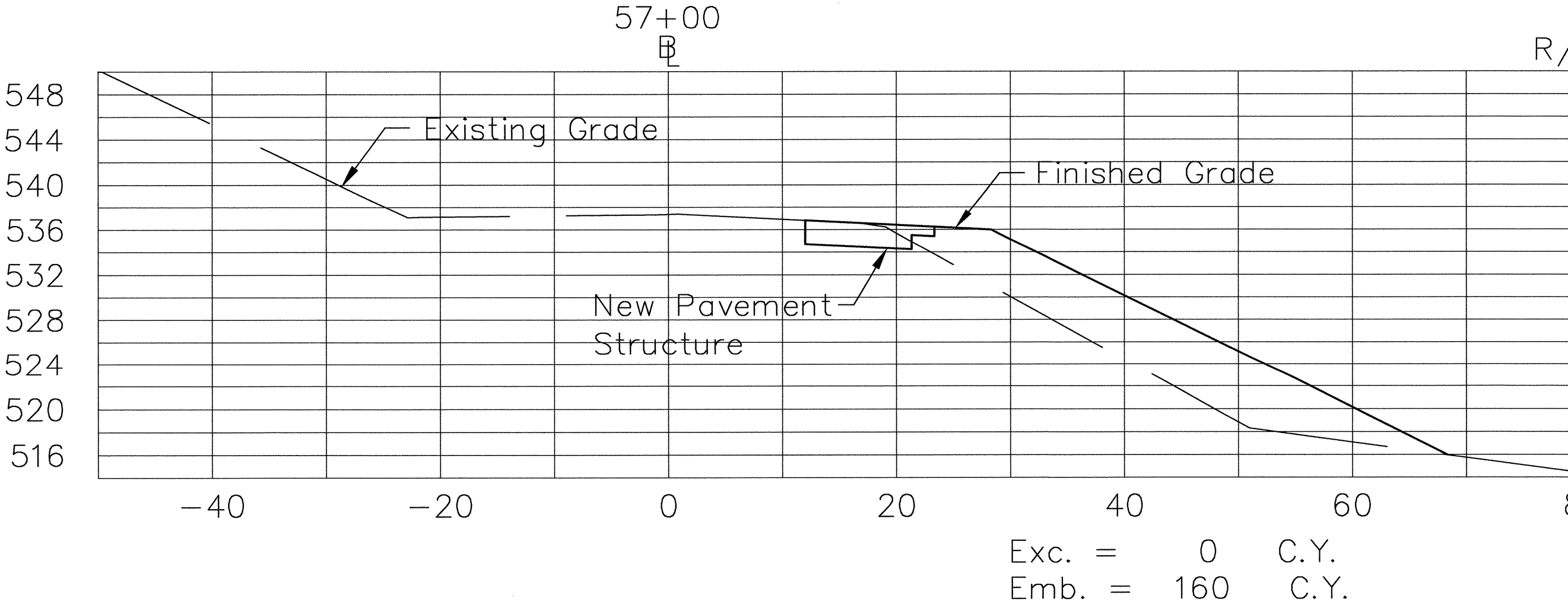
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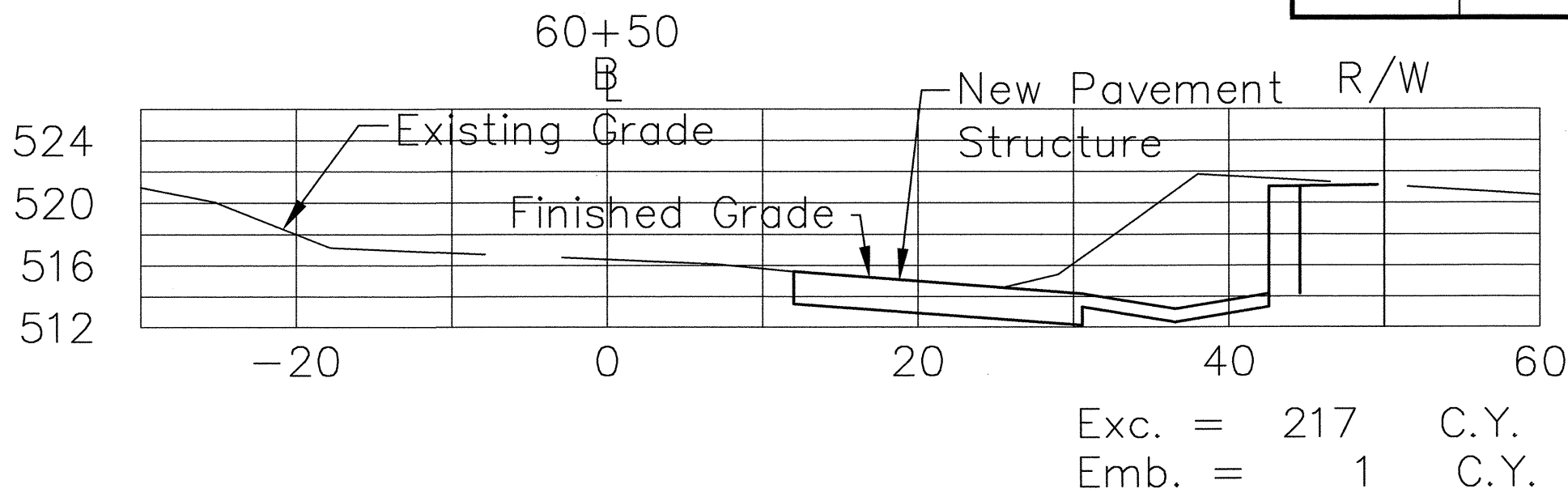
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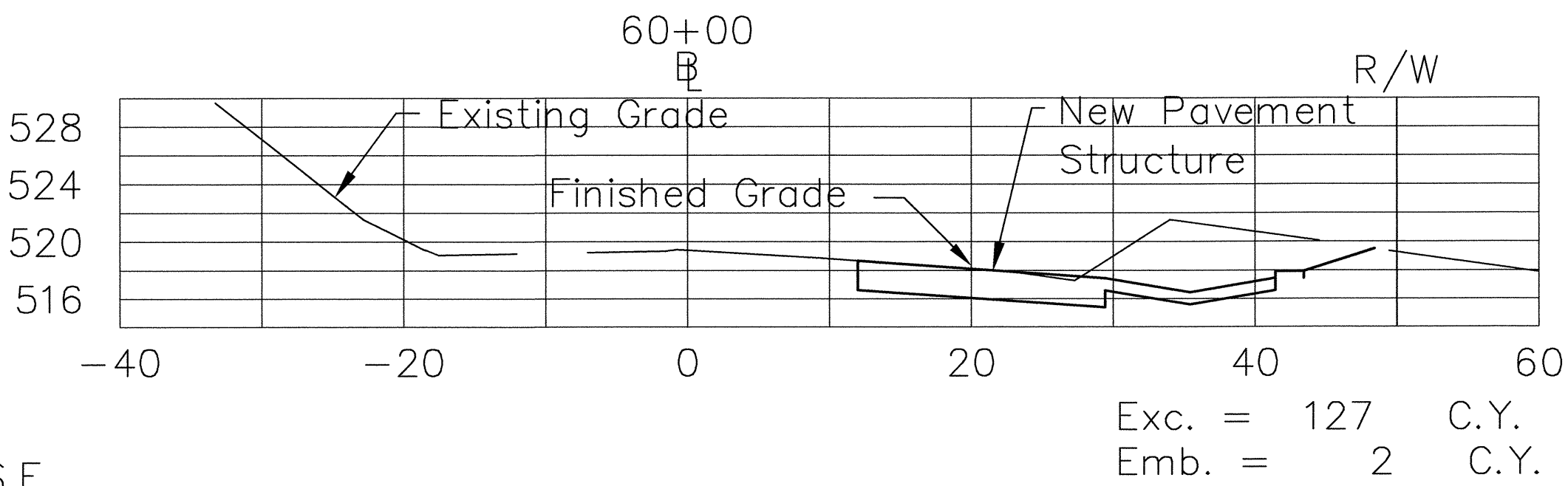
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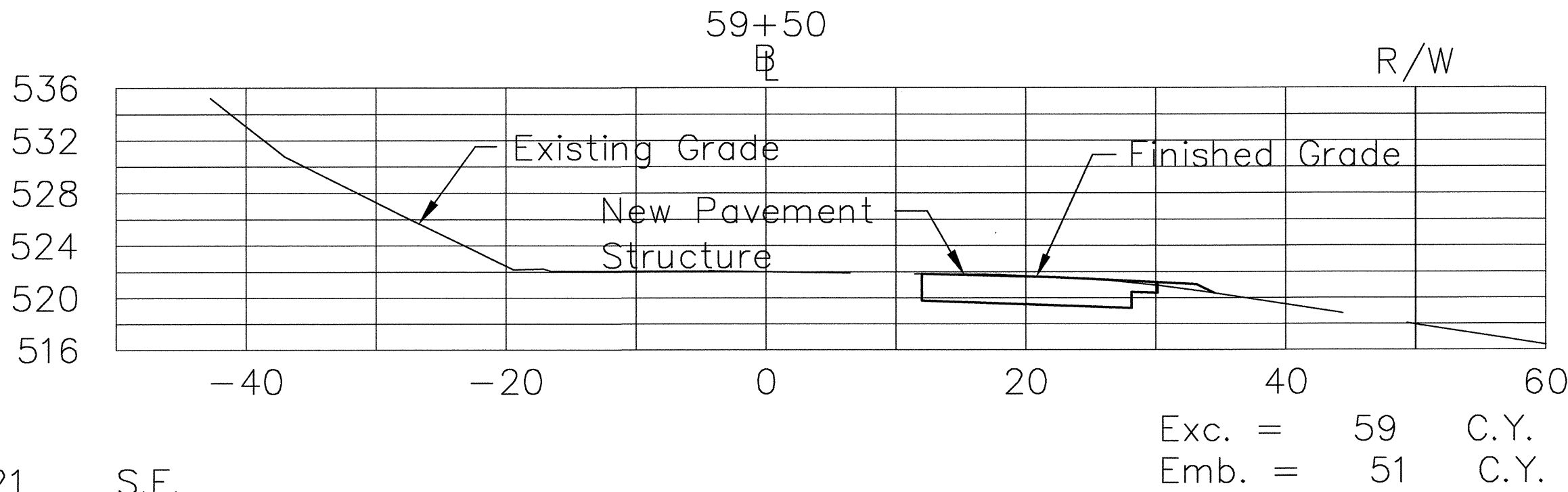
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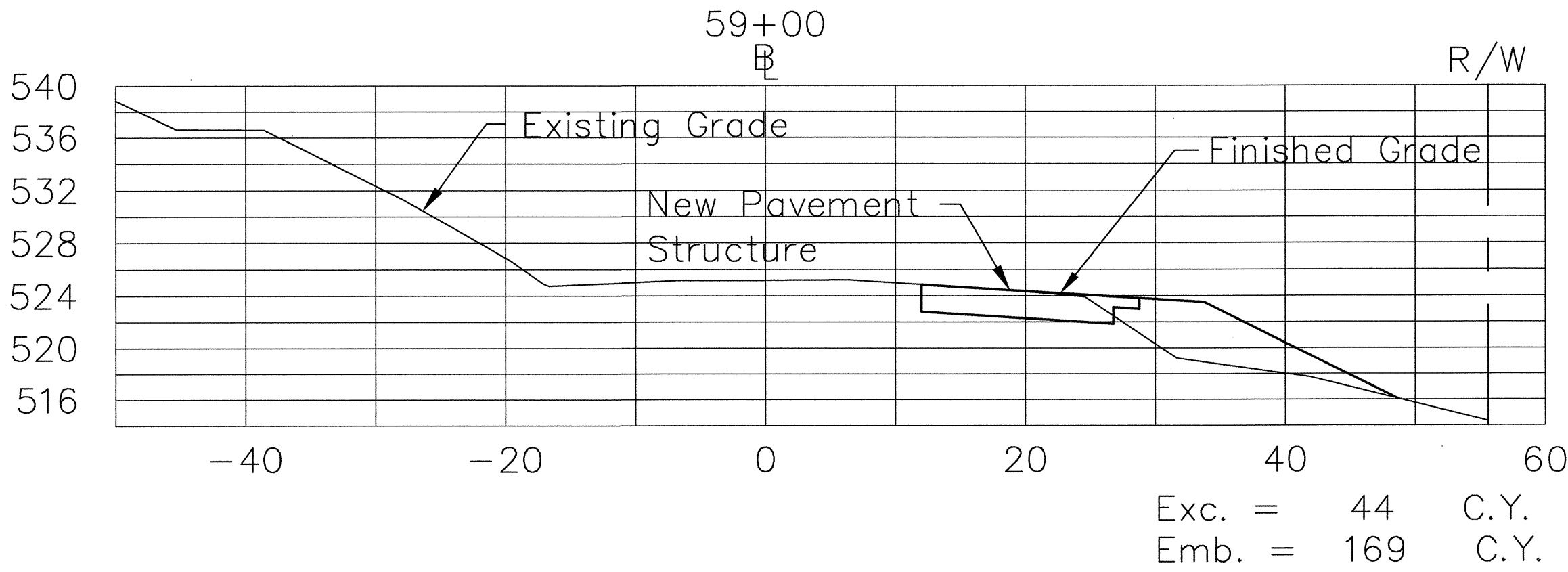
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Cut = 102 S.F.
Fill = 1 S.F.



Cut = 35 S.F.
Fill = 1 S.F.



Cut = 29 S.F.
Fill = 53 S.F.

EARTHWORK SUMMARY

EXCAVATION = 5,684 C. Y.
EMBANKMENT = 5,136 C. Y.



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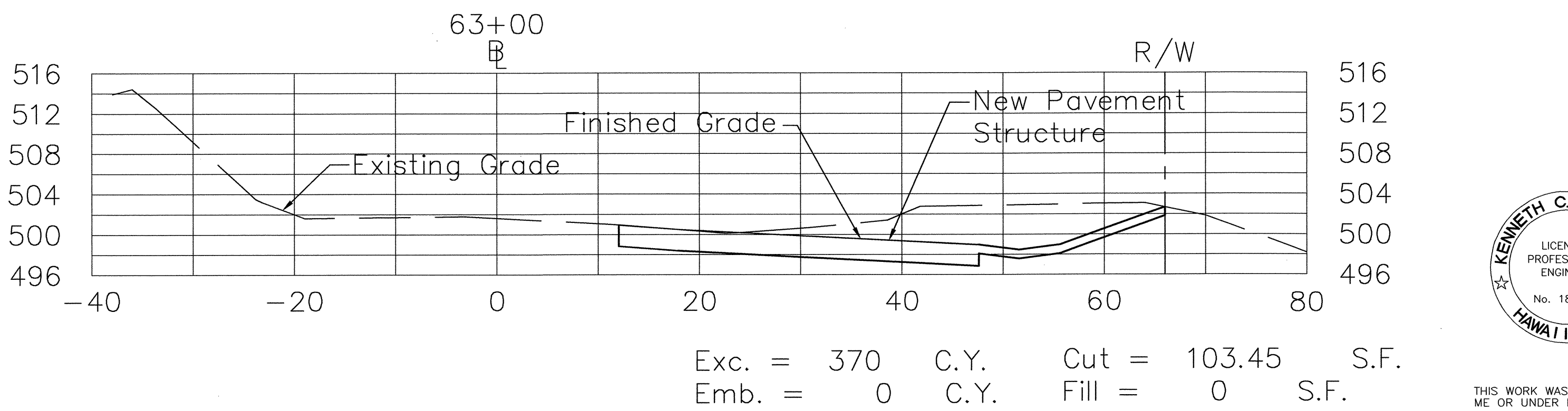
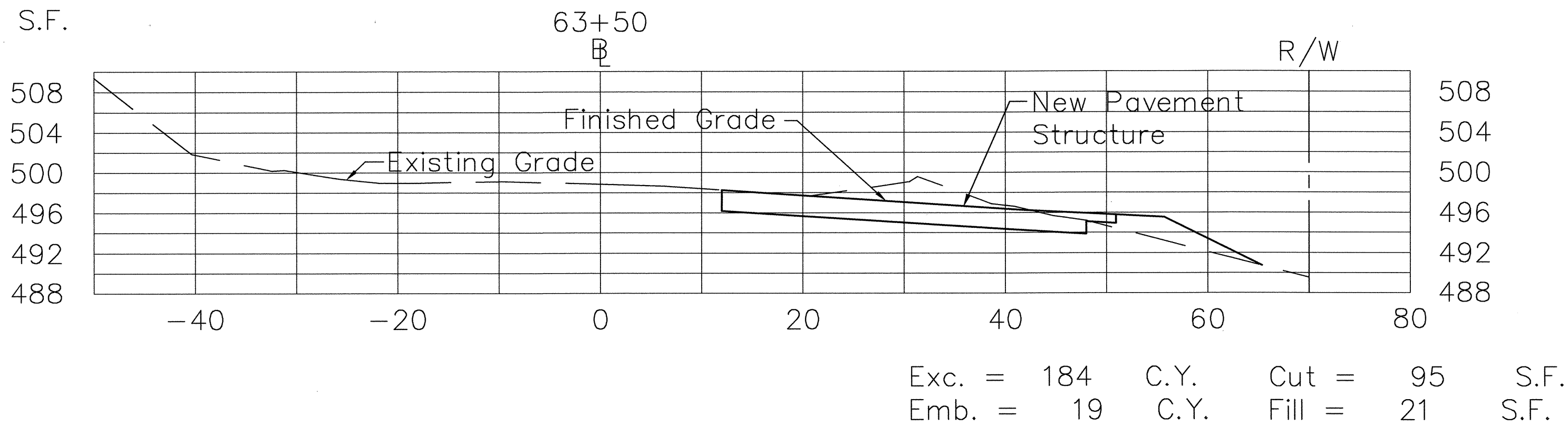
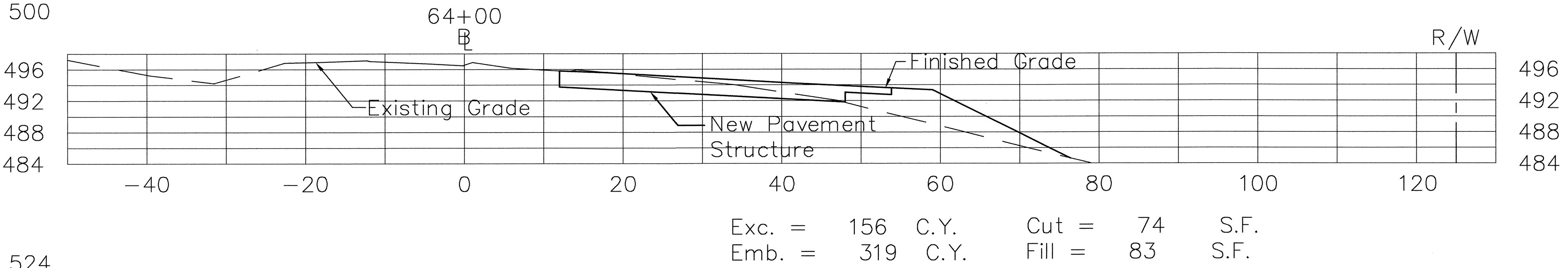
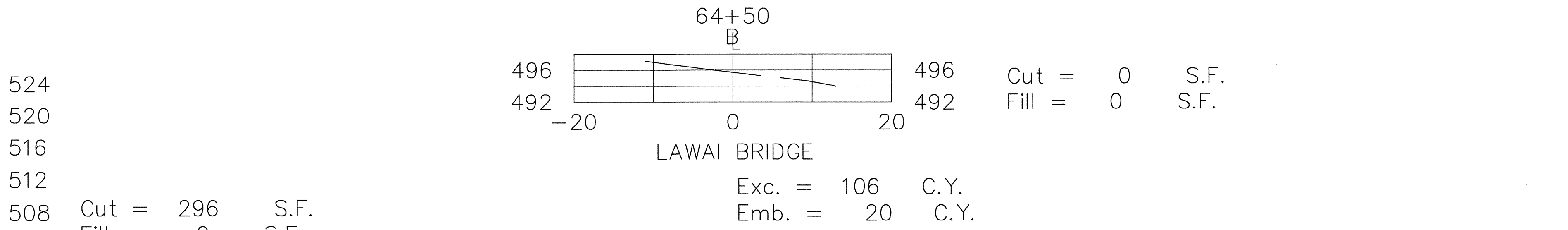
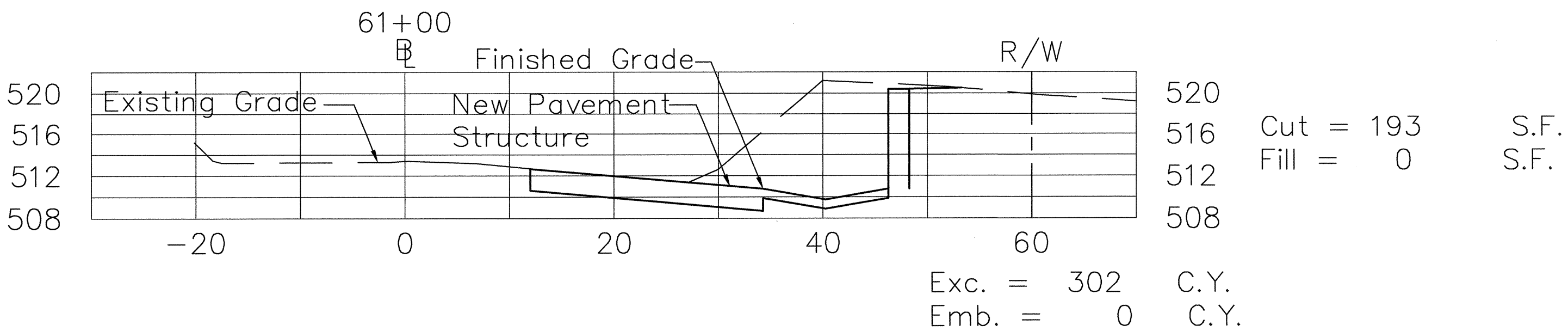
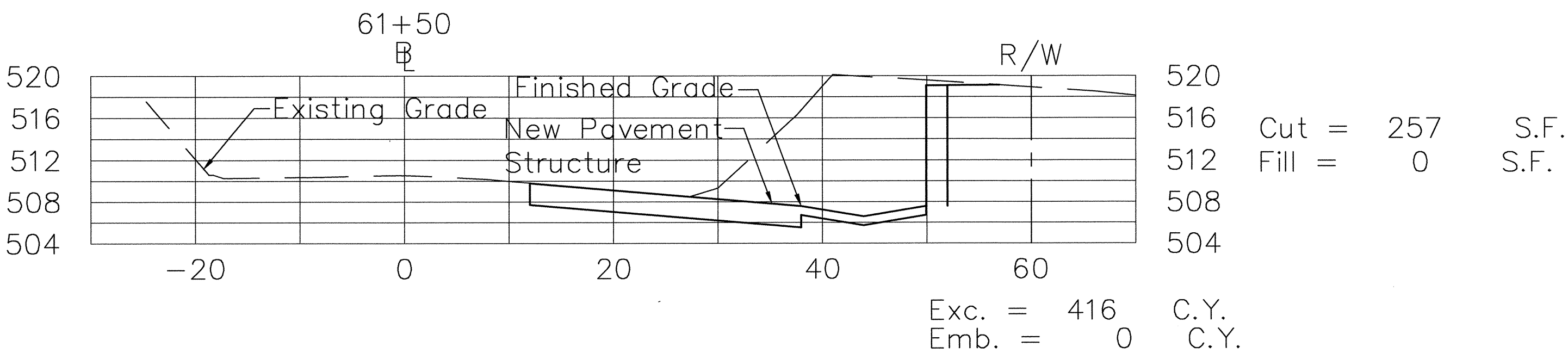
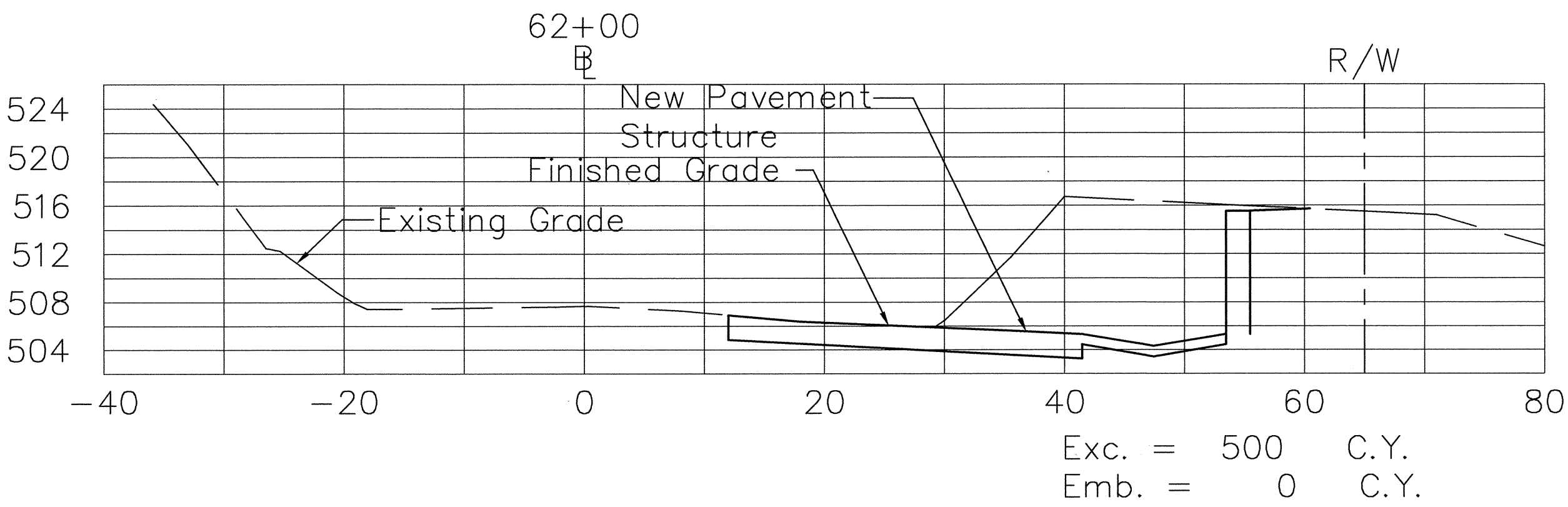
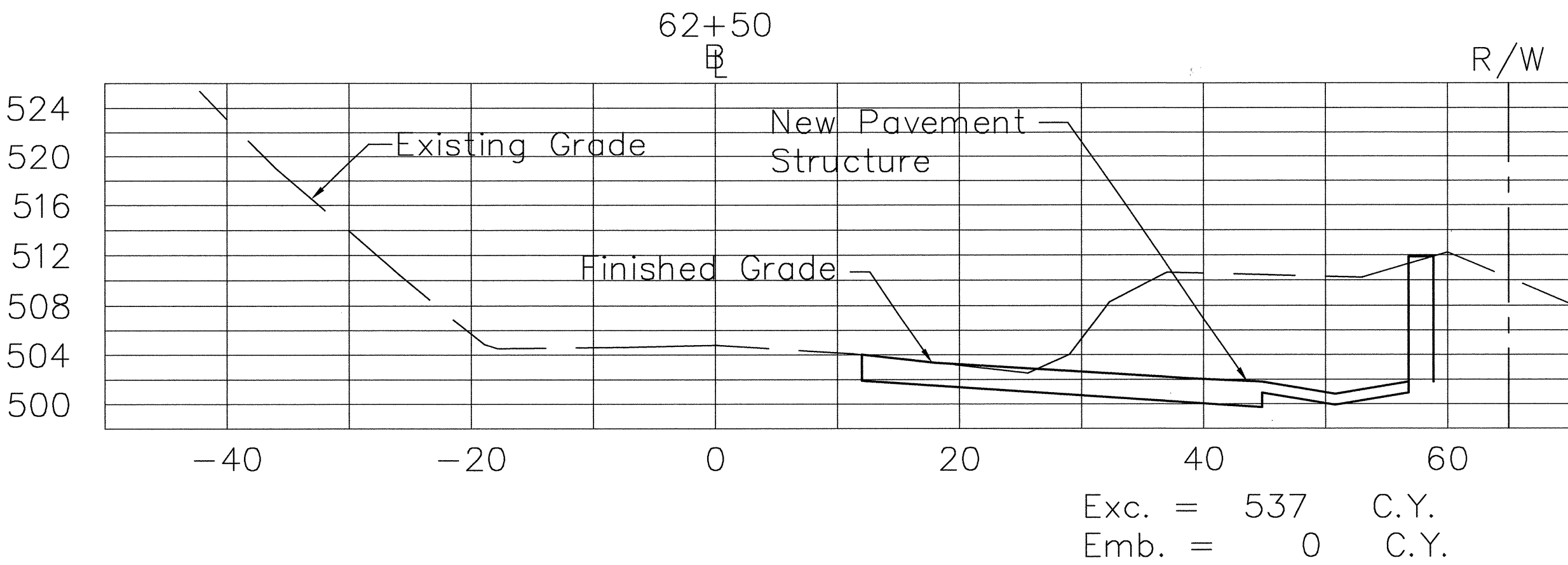
CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION
IMPROVEMENTS AT KOLOA ROAD

FED. AID PROJ. No. STP-050-1(17)
DATE: 10/8/99

SHEET No. C-20 OF 38 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-K(17)	2000	23	72



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HIGHWAYS DIVISION

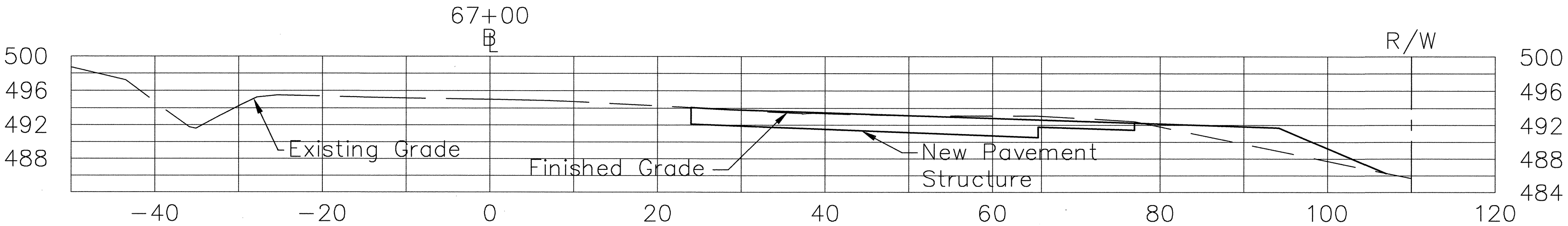
CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION
IMPROVEMENTS AT KOLOA ROAD

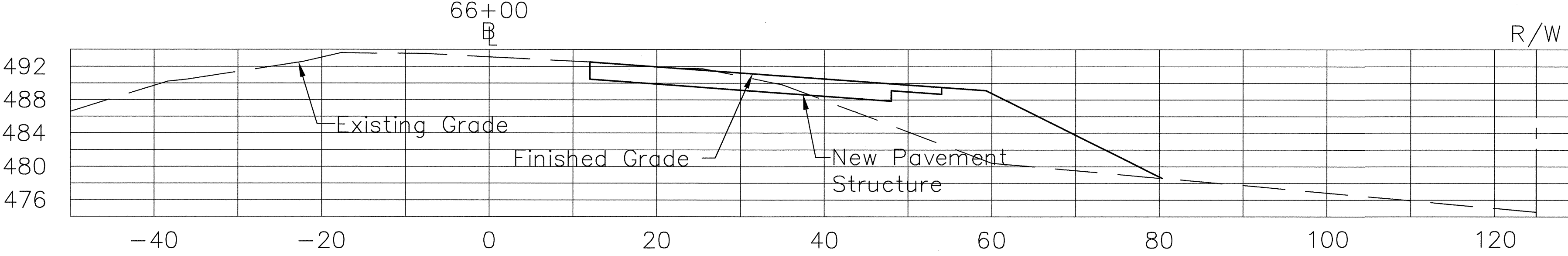
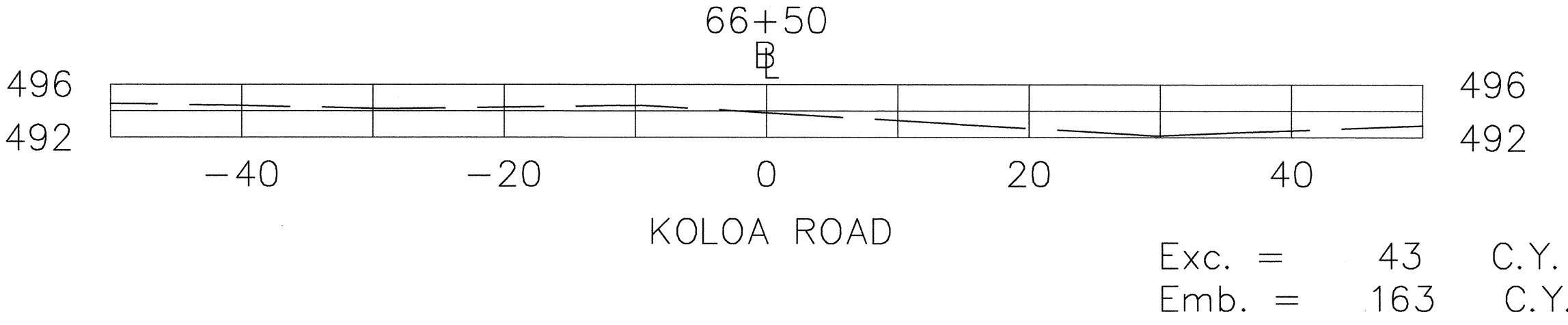
FED. AID PROJ. No. STP-050-K(17)
DATE: 10/8/99

SHEET No. C-21 OF 38 SHEETS

FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	24	72



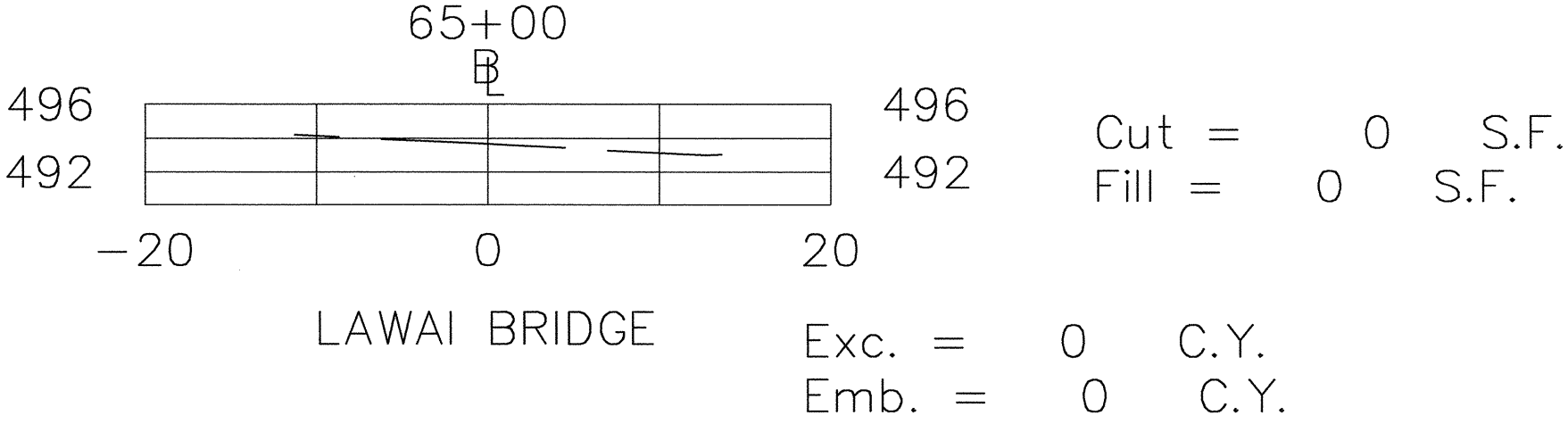
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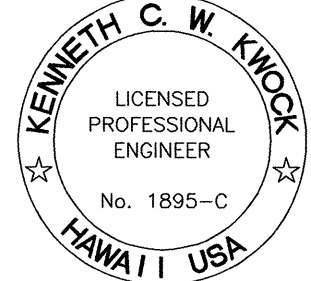
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Cut = 26 S.F.
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Cut = 0 S.F.
Fill = 0 S.F.



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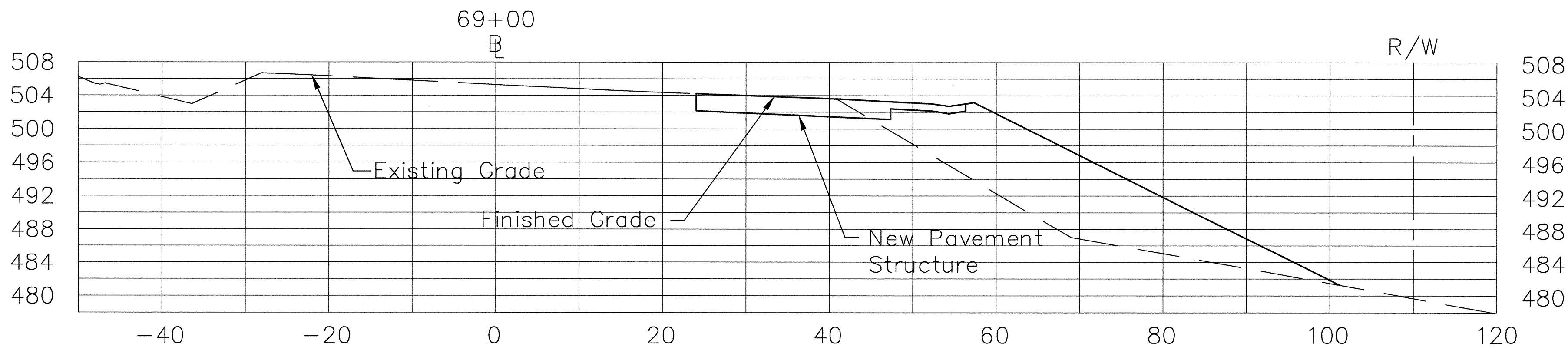
CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION
IMPROVEMENTS AT KOLOA ROAD

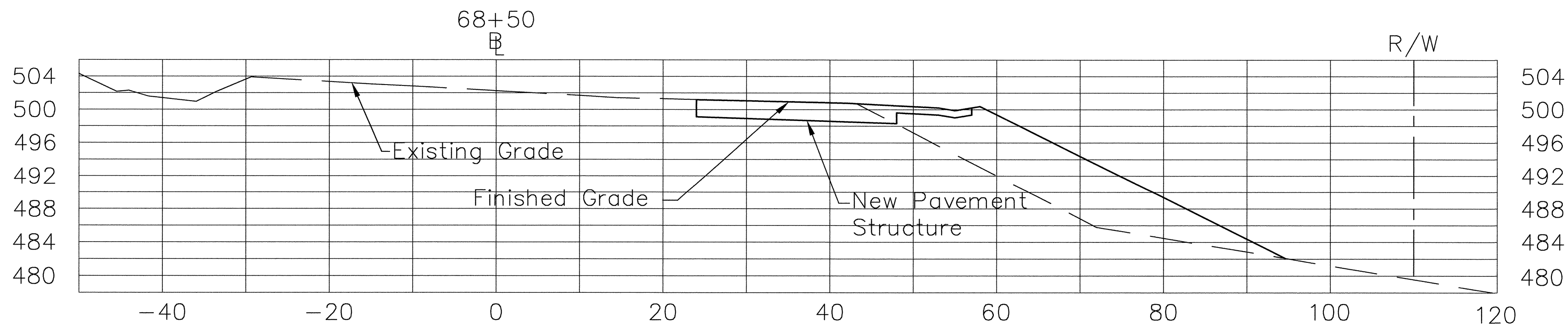
FED. AID PROJ. No. STP-050-1(17)
DATE: 10/8/99

SHEET No. C-22 OF 38 SHEETS

FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	25	72

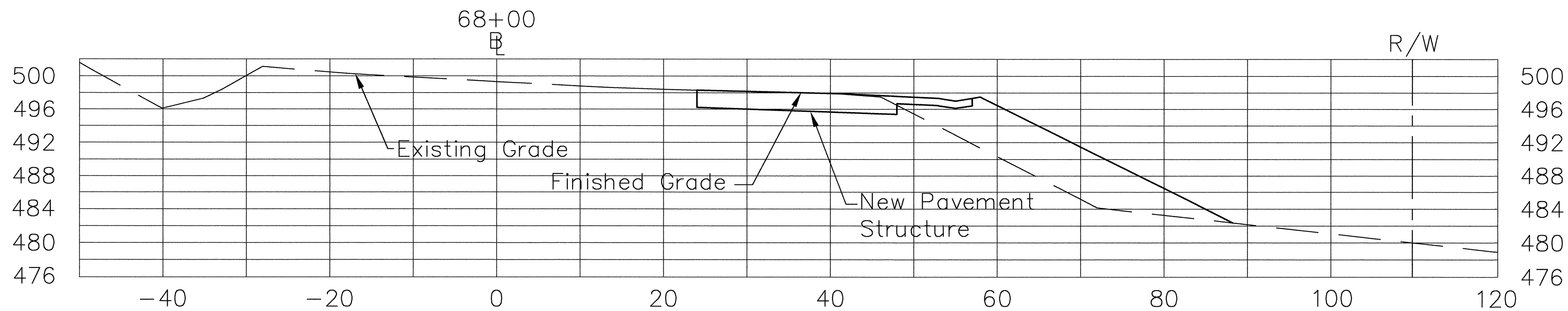


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 Emb. = 522 C.Y. Fill = 336 S.F.



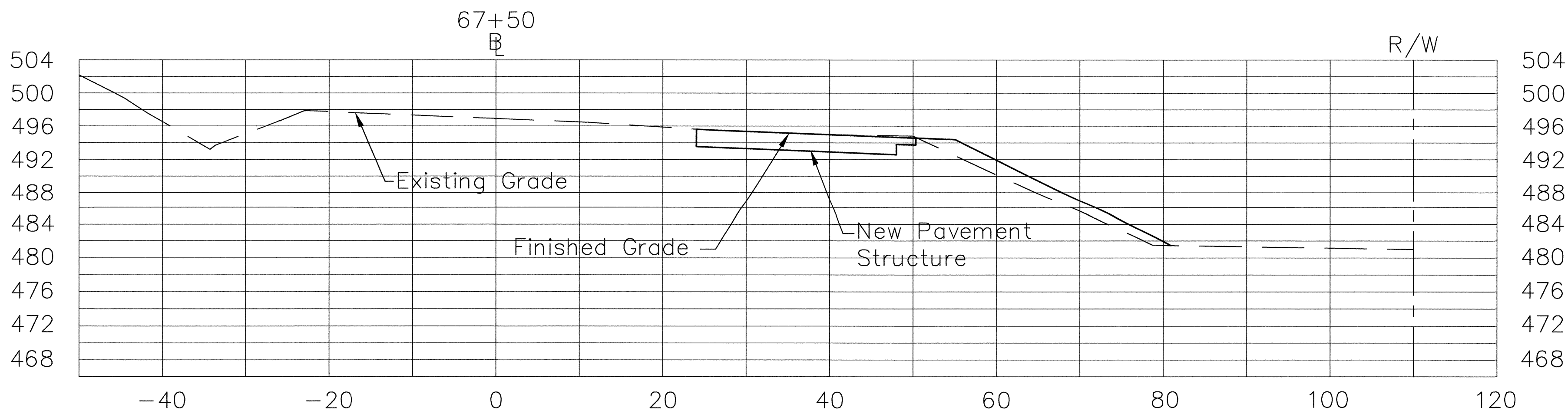
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Exc. = 92 C.Y.
 Emb. = 364 C.Y.



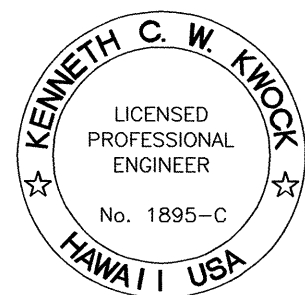
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Exc. = 98 C.Y.
 Emb. = 189 C.Y.



Cut = 55 S.F.
 Fill = 39 S.F.

Exc. = 149 C.Y.
 Emb. = 72 C.Y.



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CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION

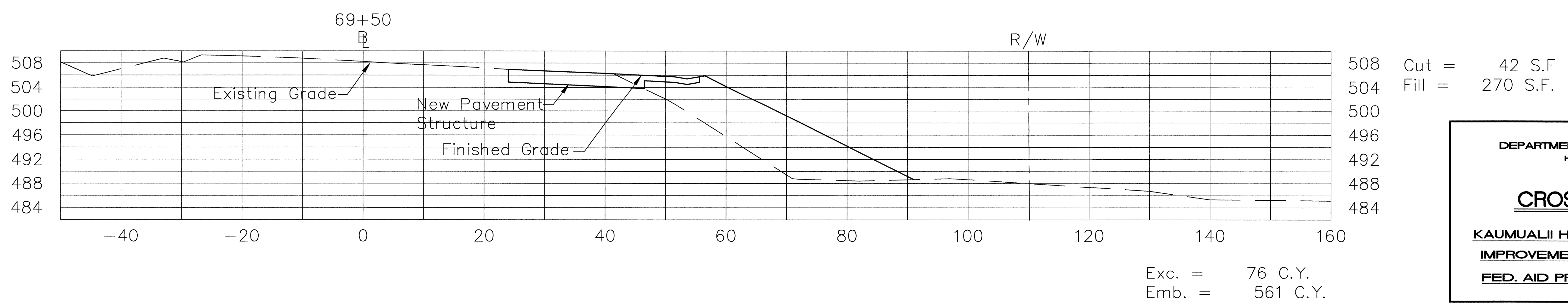
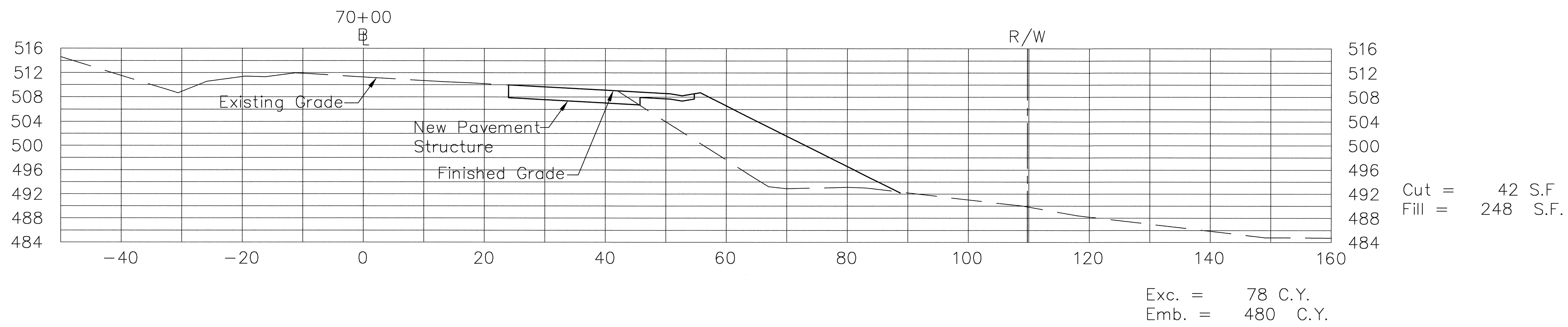
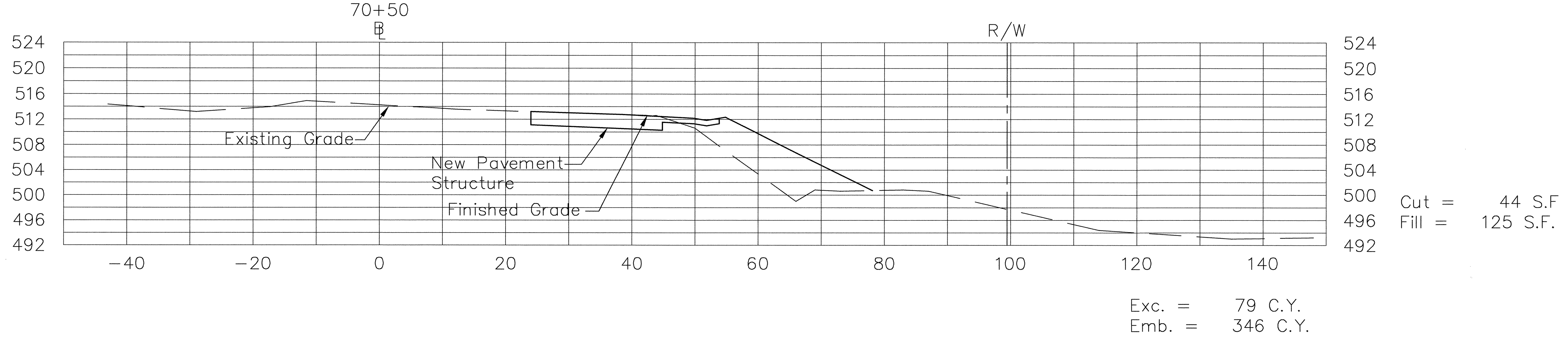
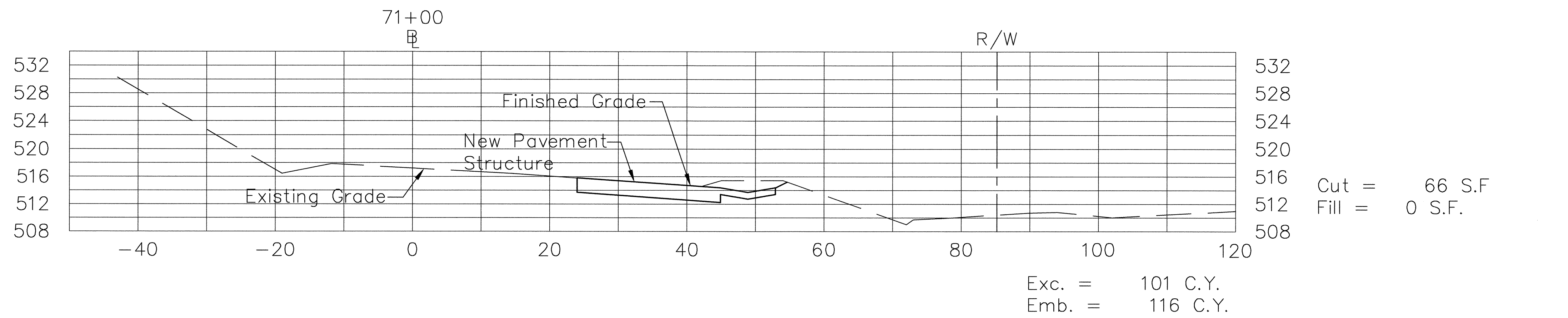
IMPROVEMENTS AT KOLOA ROAD

FED. AID PROJ. No. STP-050-1(17)

DATE: 10/8/99

SHEET No. C-23 OF 38 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	26	72



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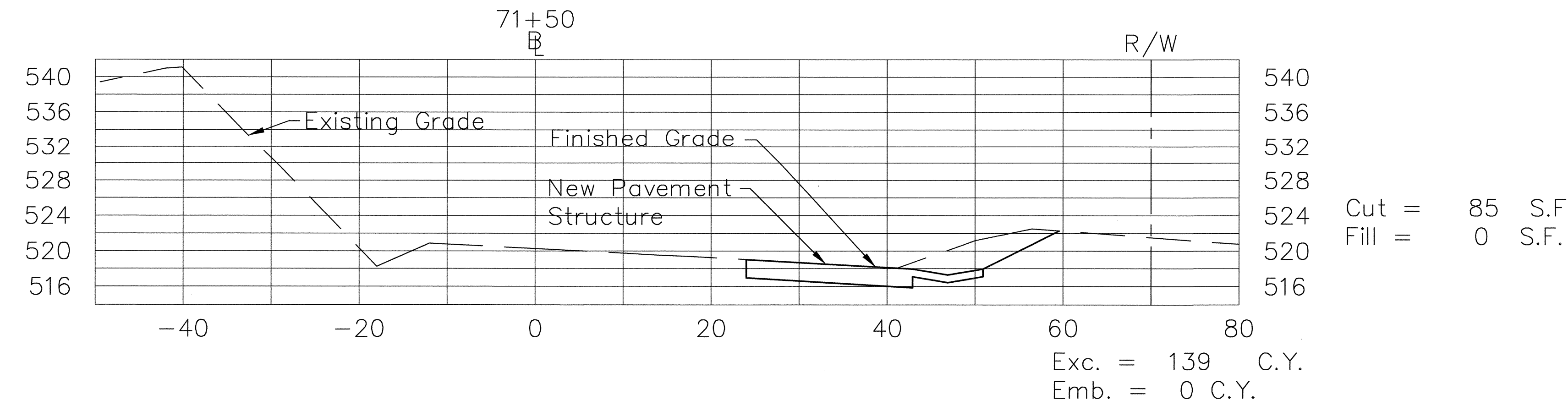
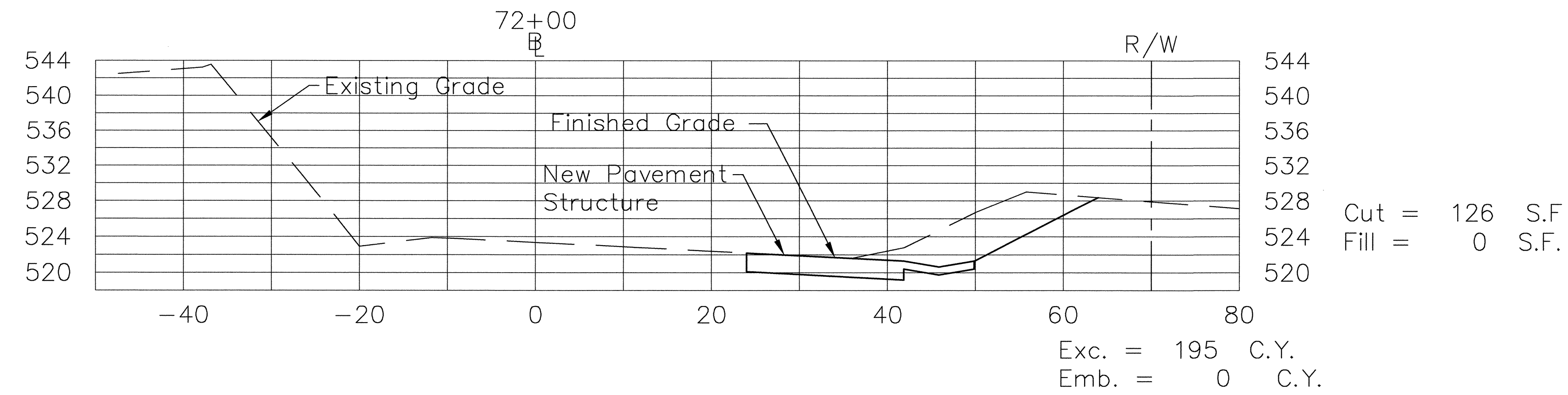
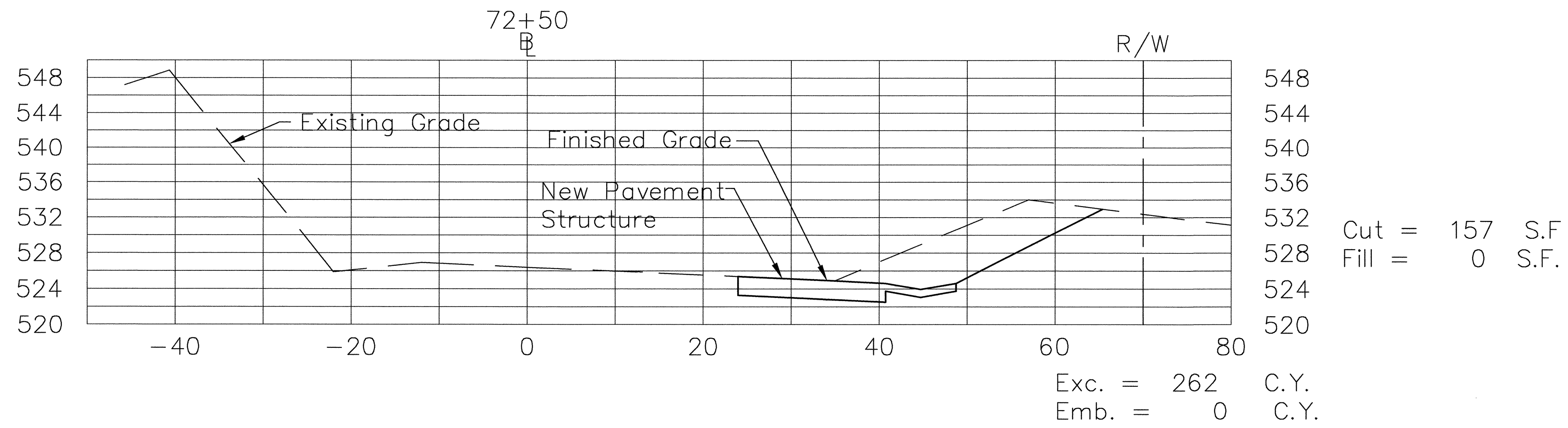
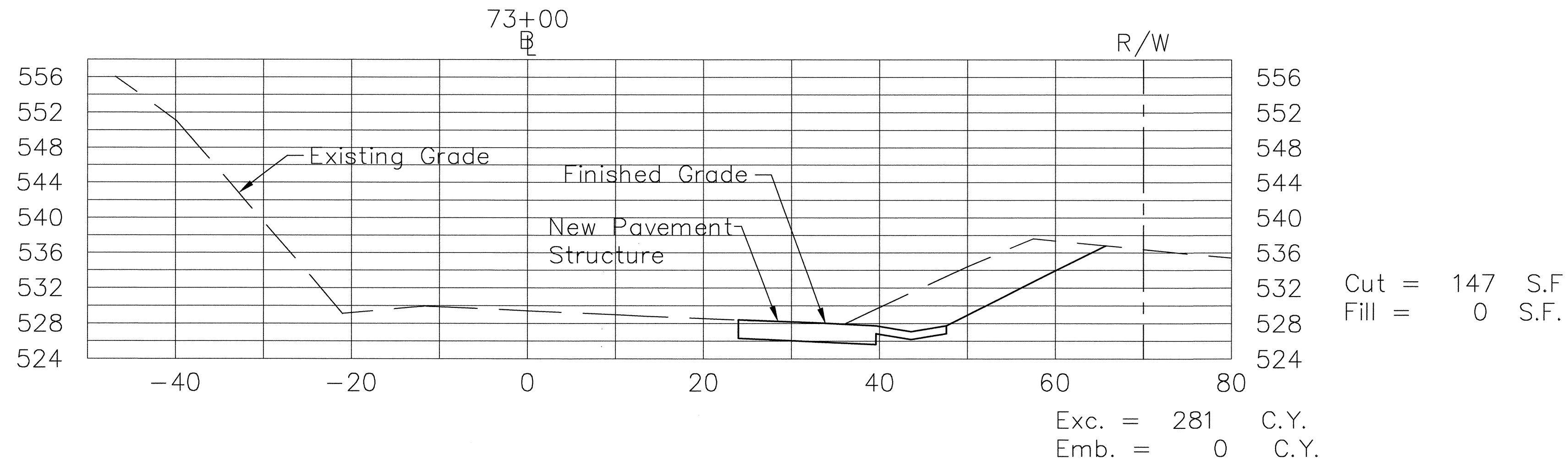
CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION
IMPROVEMENTS AT KOLOA ROAD

FED. AID PROJ. No. STP-050-1(17)
DATE: 10/8/99

SHEET No. C-24 OF 38 SHEETS

FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	27	72



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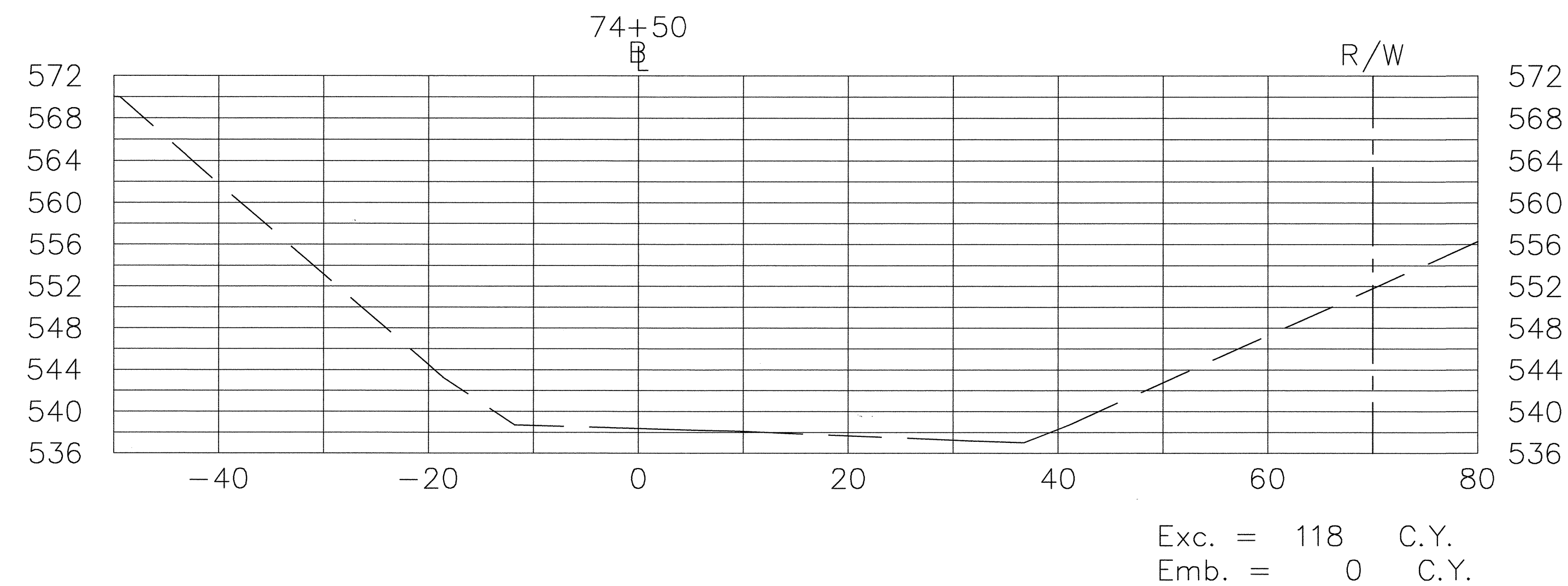
CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION
IMPROVEMENTS AT KOLOA ROAD

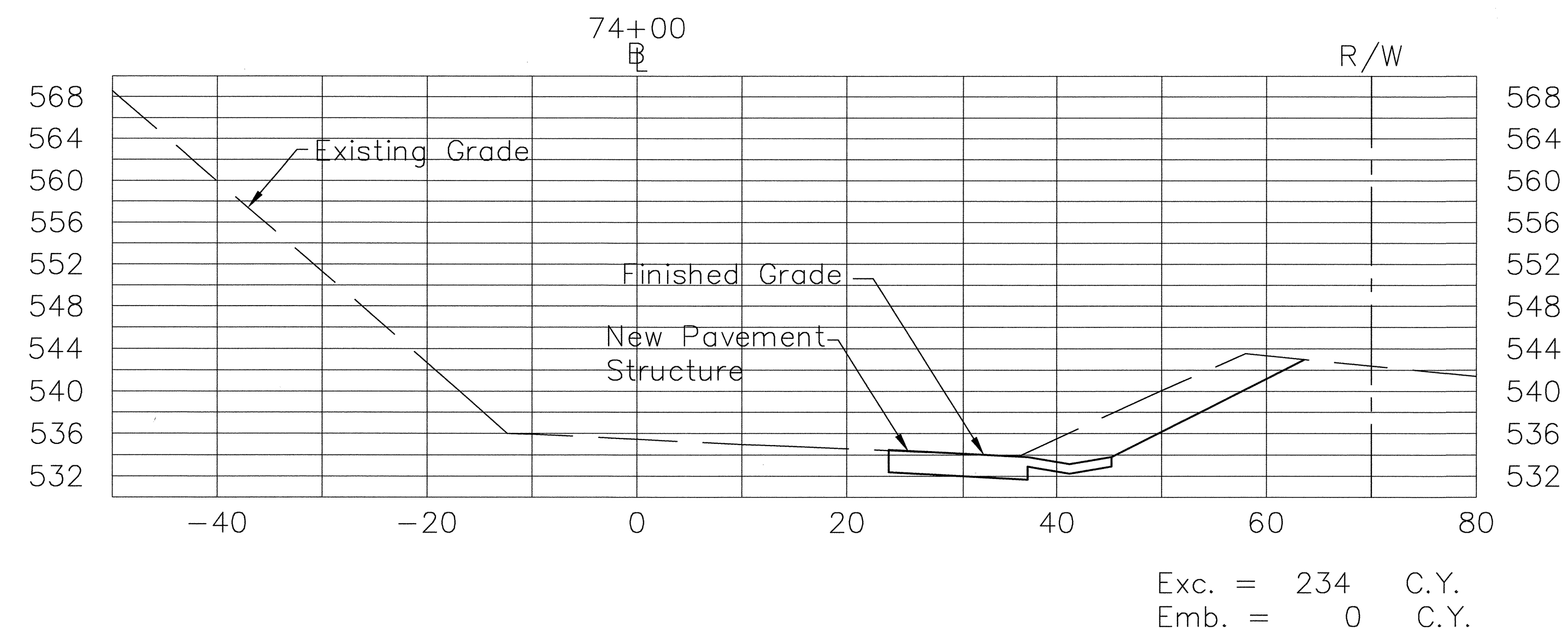
FED. AID PROJ. No. STP-050-1(17)
DATE: 10/8/99

SHEET No. C-25 OF 38 SHEETS

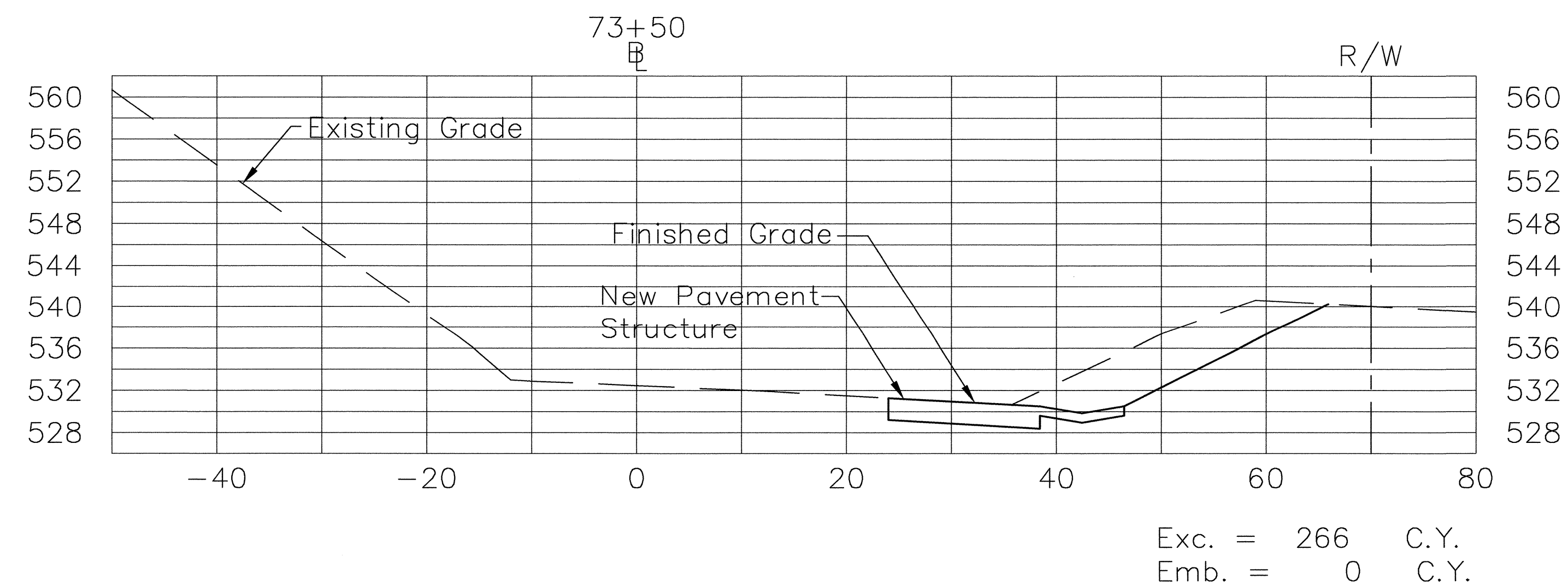
FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	28	72



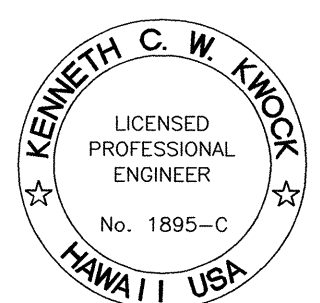
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Fill = 0 S.F.



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HIGHWAYS DIVISION

CROSS SECTIONS

KAUMUALII HIGHWAY INTERSECTION
IMPROVEMENTS AT KOLOA ROAD

FED. AID PROJ. No. STP-050-1(17)
DATE: 10/8/99

SHEET No. C-26 OF 38 SHEETS