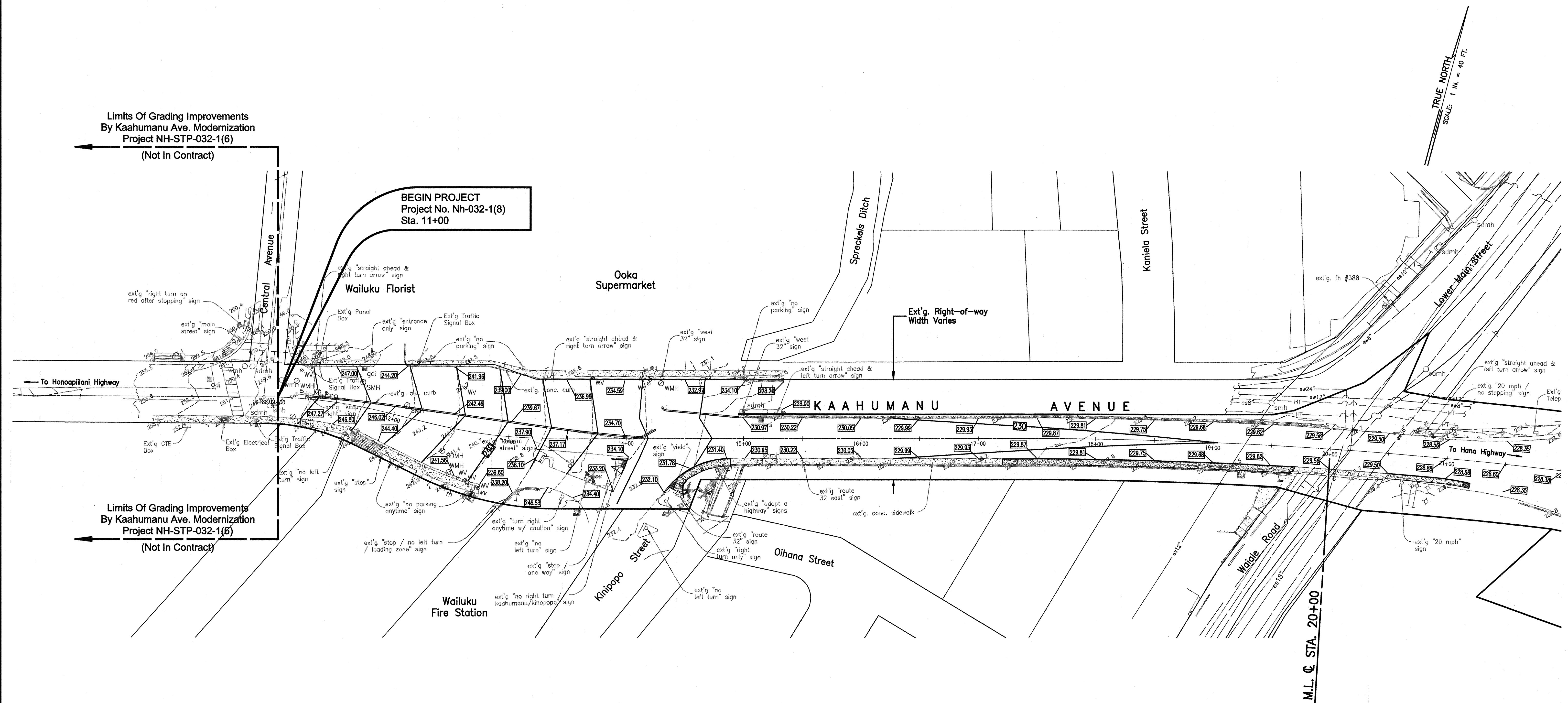


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	25	111



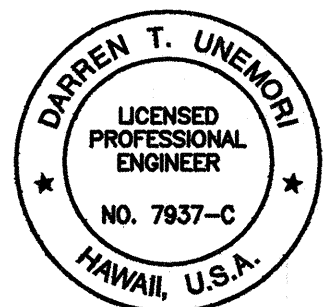
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

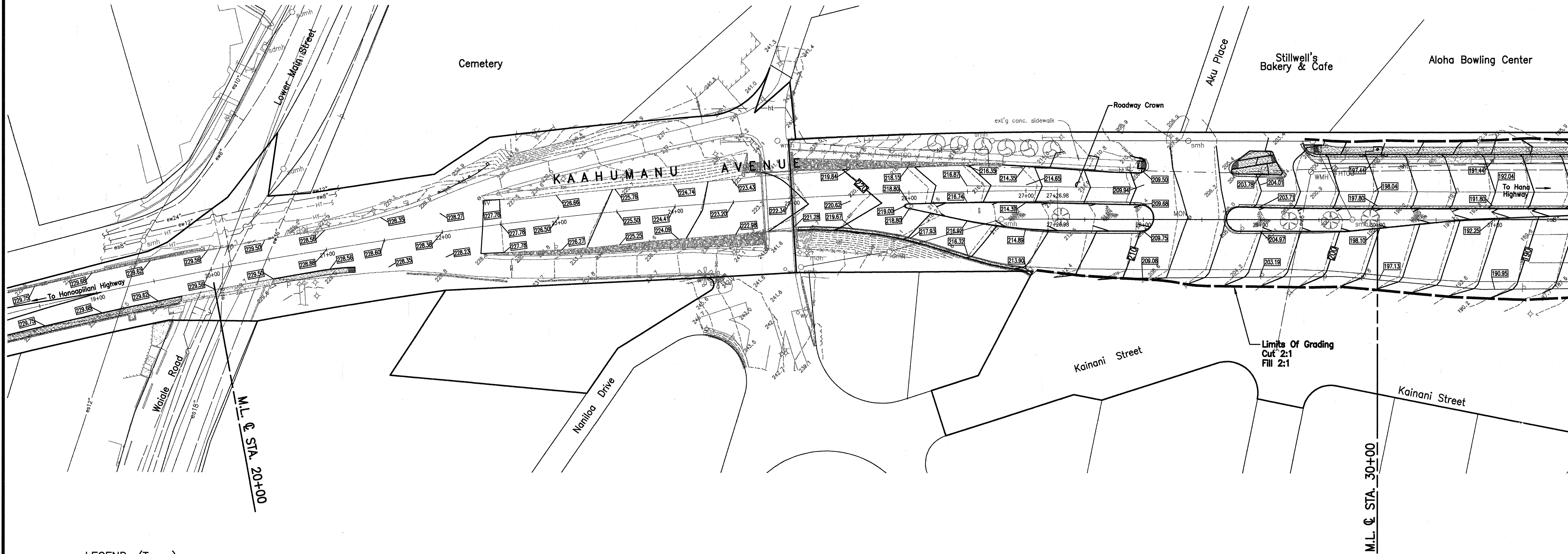
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 1 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	26	111

TRUE NORTH
SCALE: 1 IN. = 40 FT.



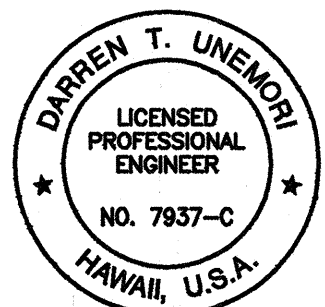
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

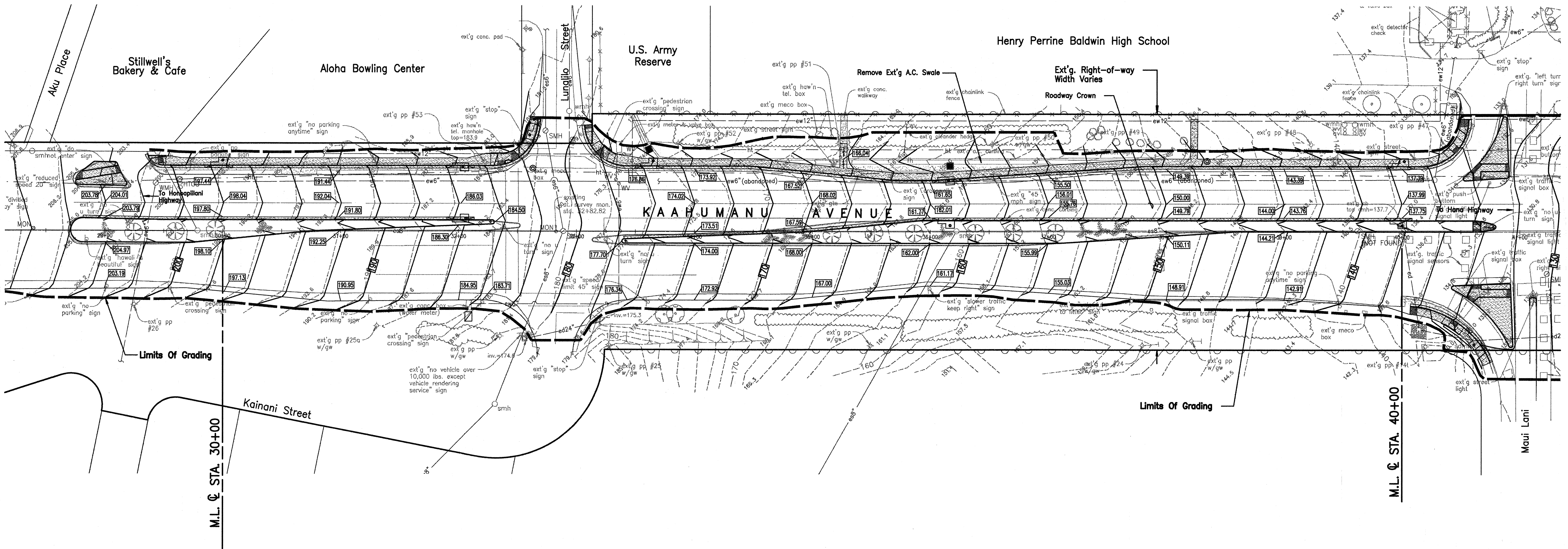
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 2 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	27	111

TRUE NORTH
SCALE: 1 IN. = 40 FT.



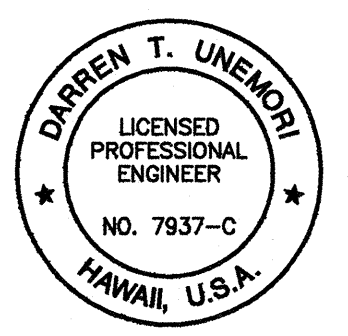
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY GRADING PLAN
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBRON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED
SHEET No. 3 OF 13 SHEETS

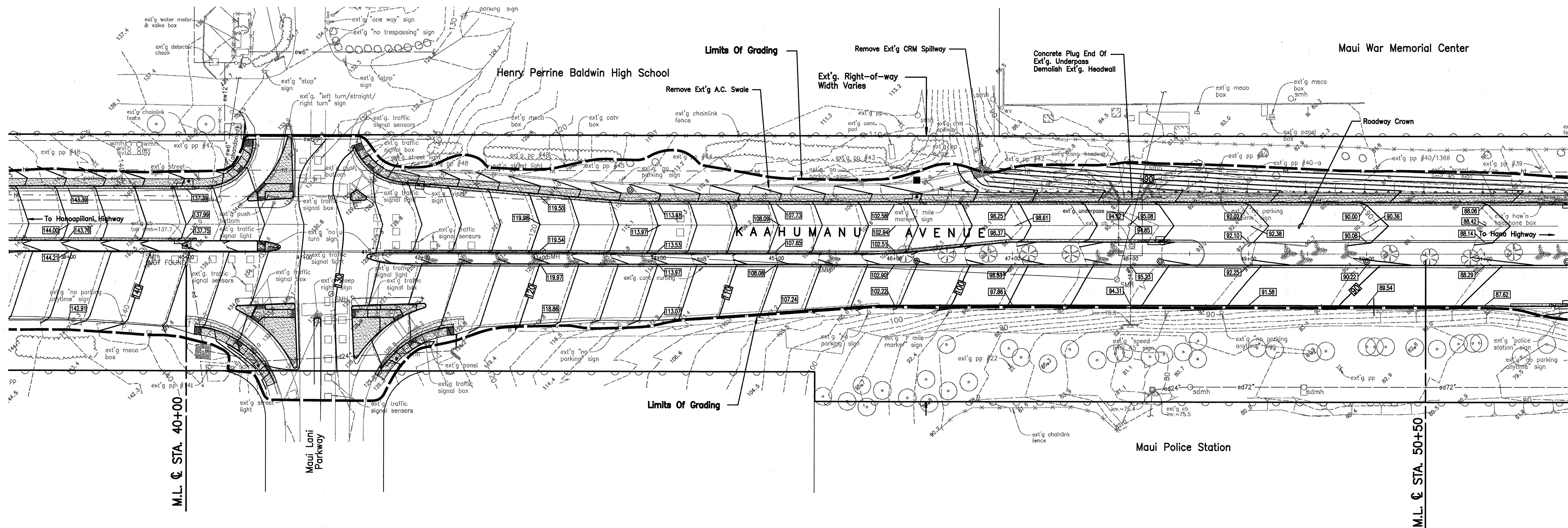
DATE	DATE
DATE	DATE
DATE	DATE
DATE	DATE
DATE	DATE
DATE	DATE

ORIGINAL PLAN
NOTE BOOK
CHECKED BY
No.

98p01/08049/comp/plan/14-grd03.dwg

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	28	111

TRUE NORTH
SCALE: 1 IN. = 40



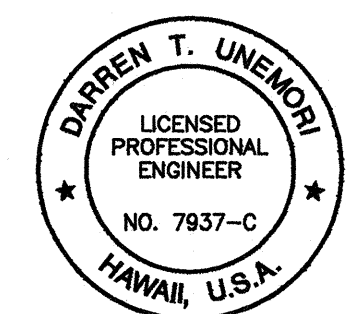
LEGEND: (Trees)

- | | | | |
|---|-------------------------|---|--------------------------|
|  | EXISTING AFRICAN TULIP |  | EXISTING MONKEY POD TREE |
|  | EXISTING BANYAN TREE |  | EXISTING PALM TREE |
|  | EXISTING CHRISTMAS TREE |  | EXISTING PLUMERIA TREE |
|  | EXISTING COCONUT TREE |  | EXISTING POINCIANA TREE |
|  | EXISTING KIAWE TREE |  | EXISTING SHOWER TREE |
|  | EXISTING KUKUI TREE |  | EXISTING TREE (UNKNOWN) |

LEGEND:

- 
- 20 --- EXISTING GRADE
 — 10 — FINISH GRADE
 — — — LIMITS OF GRADING

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY M
OR UNDER MY SUPERVISION


Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

MAIN STREET RESURFACING

CENTRAL AVENUE TO KAAHUMANU AVENUE
AND

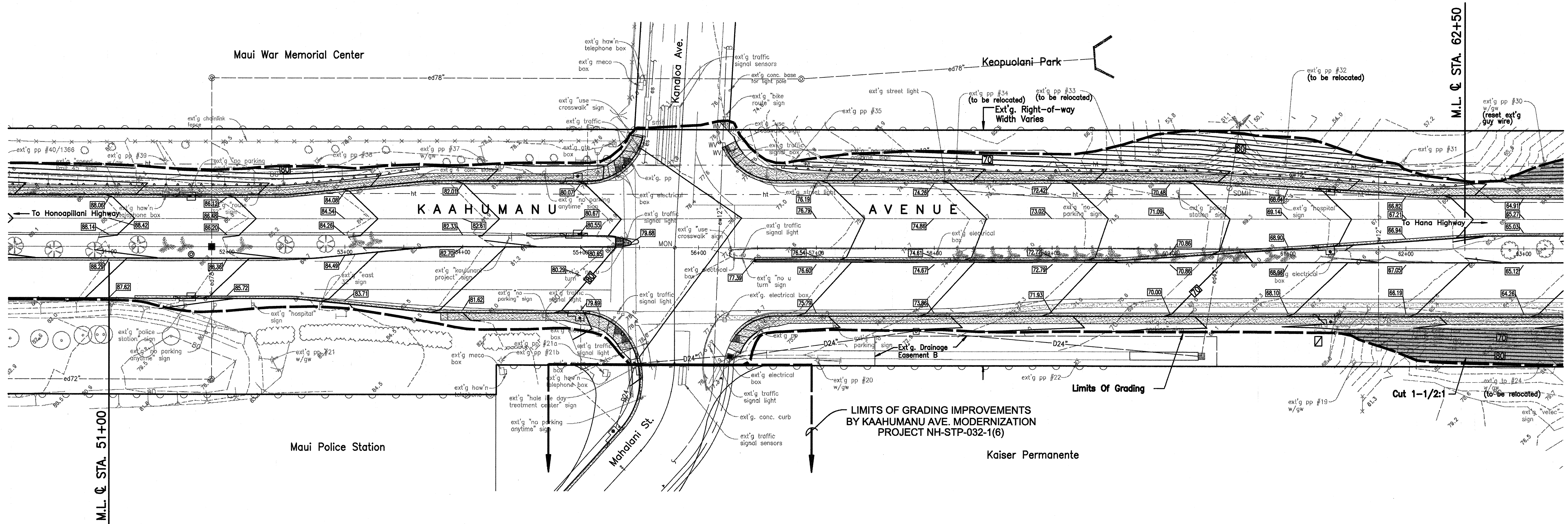
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE

SCALE: AS NOTED

SHEET No. 4 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	29	111

TRUE NORTH
SCALE: 1 IN. = 40 FT.



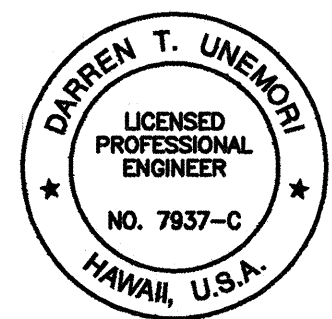
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

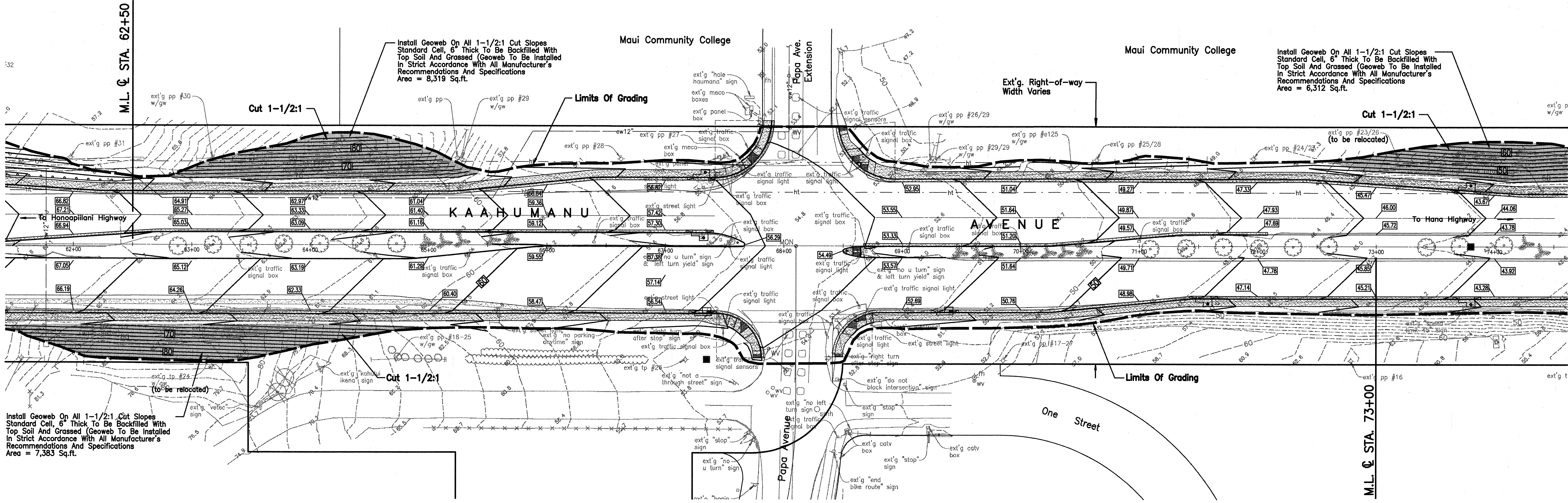
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY GRADING PLAN
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 5 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	30	111

TRUE NORTH
SCALE: 1 IN. = 40 FT.



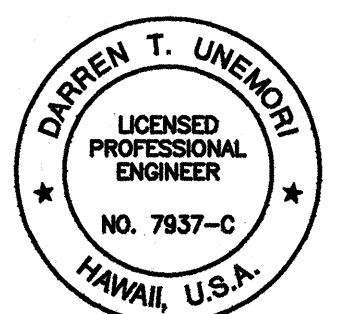
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

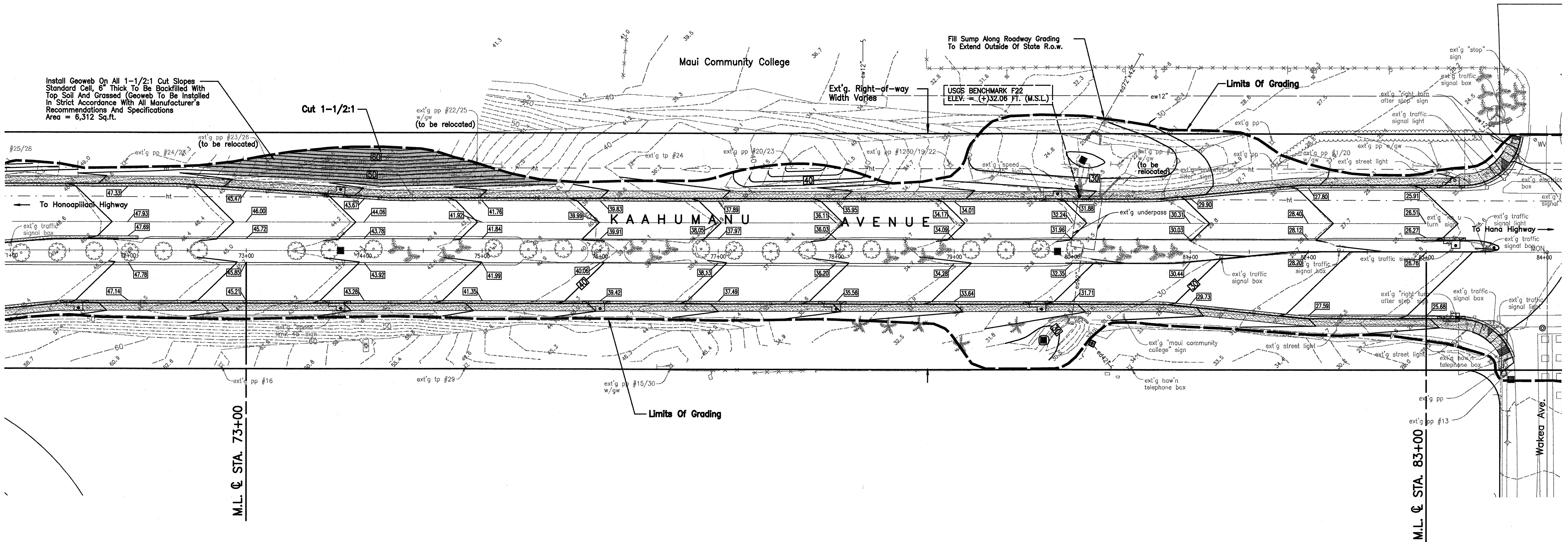
SCALE: AS NOTED

SHEET No. 6 OF 13 SHEETS

DATE	DATE	DATE	DATE	DATE	DATE
PLANNED BY	DESIGNED BY	QUANTITIES BY	CHECKED BY	NO.	
ORIGINAL PLAN	NOTE BOOK				

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	31	111

TRUE NORTH
SCALE: 1 IN. = 40 FT.



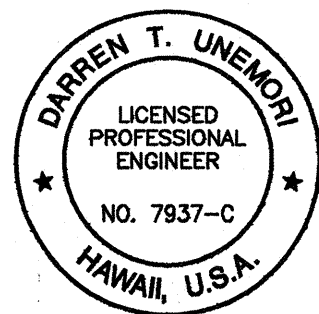
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

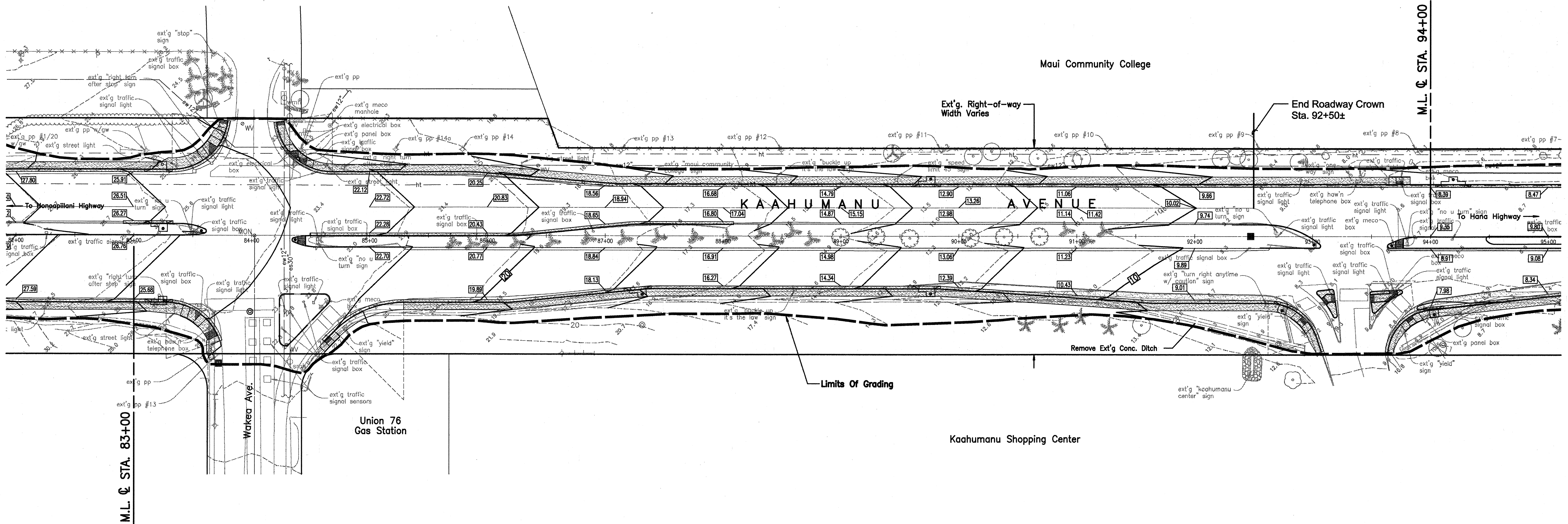
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 7 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	32	111

TRUE NORTH
SCALE: 1 IN. = 40 FT.



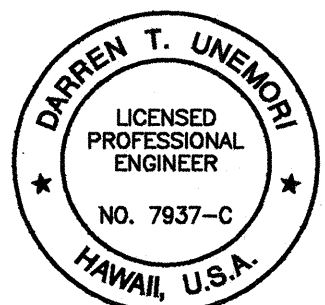
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



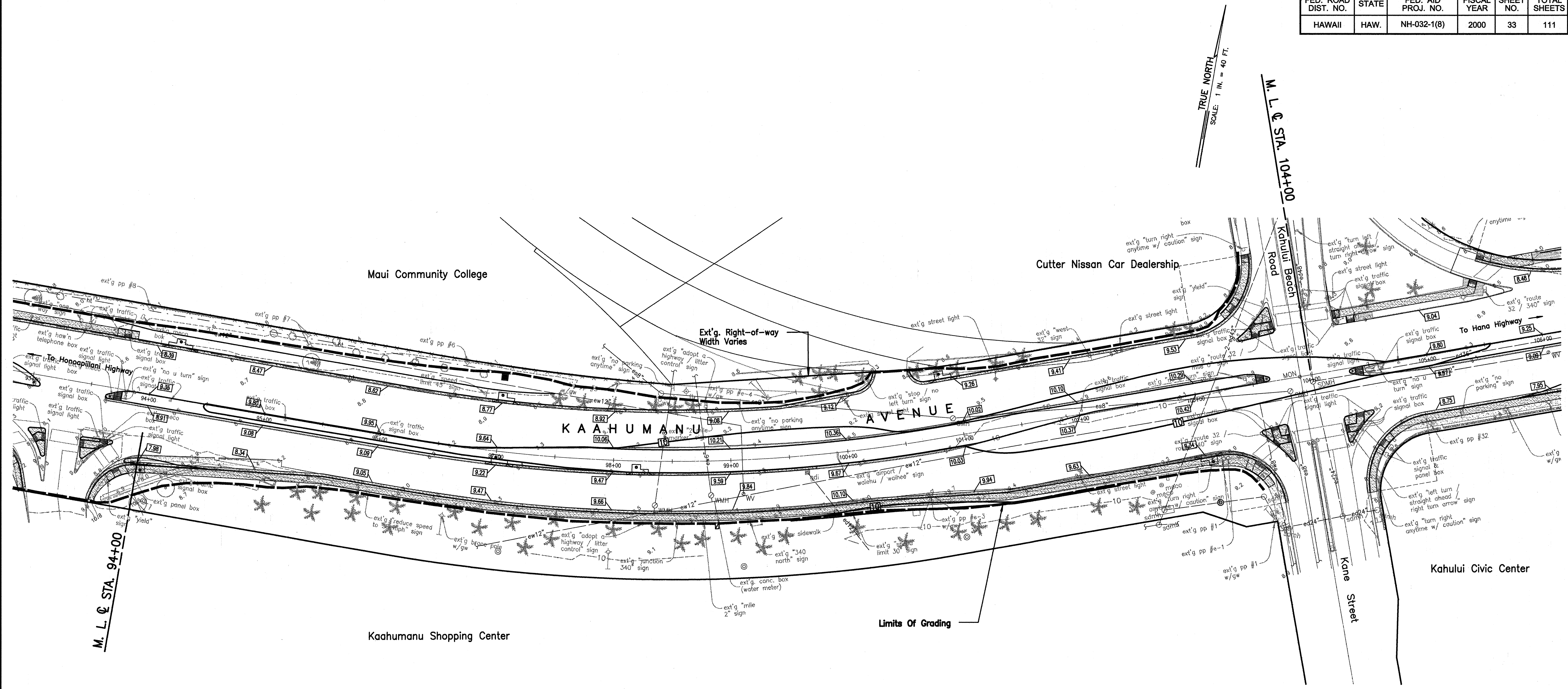
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY GRADING PLAN
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 8 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	33	111



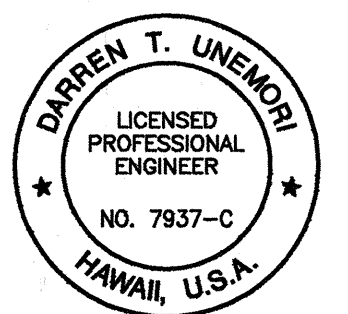
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUL TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

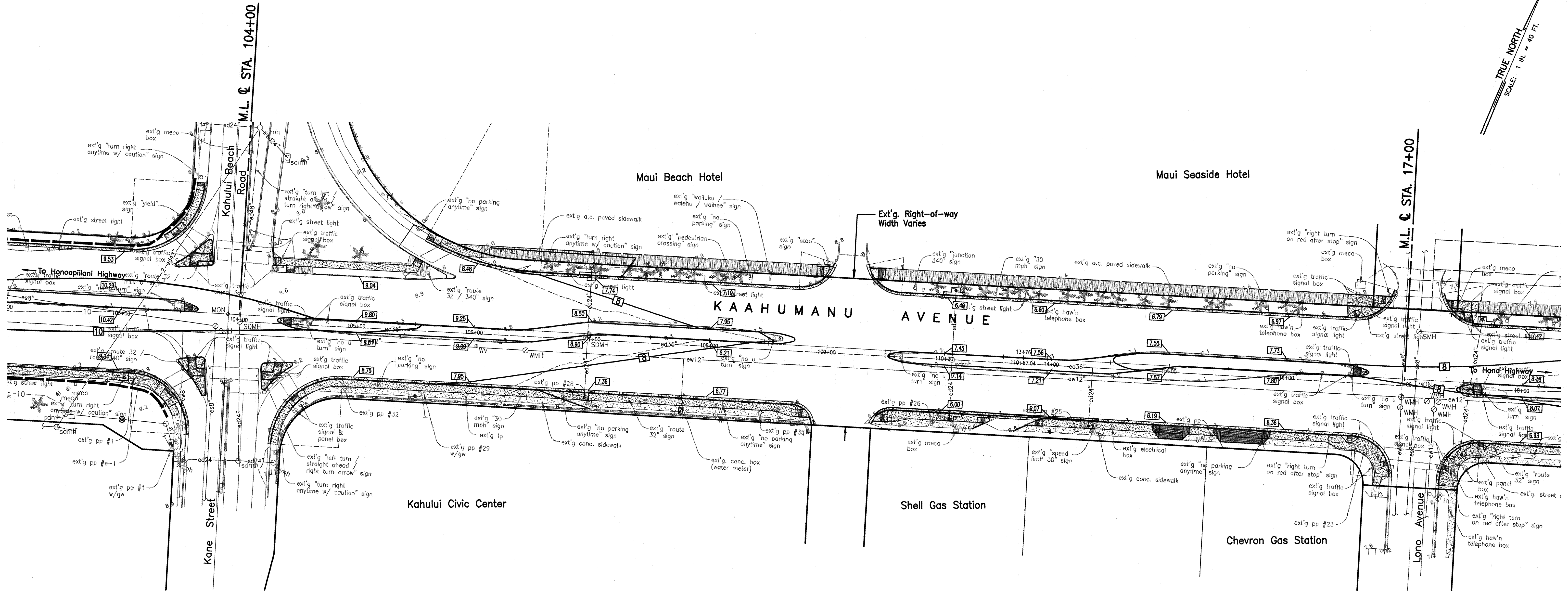
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY GRADING PLAN
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED
SHEET No. 9 OF 13 SHEETS

DATE	DATE	DATE	DATE	DATE	DATE
DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY
CHECKED BY	CHECKED BY	CHECKED BY	CHECKED BY	CHECKED BY	CHECKED BY
ORIGINAL	NOTE BOOK	NO.			

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	34	111

TRUE NORTH
SCALE: 1" = 40 FT.



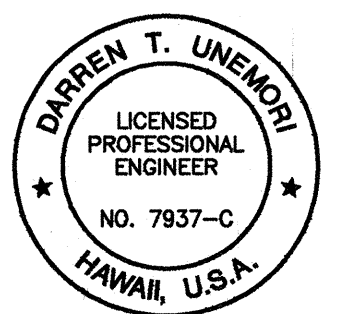
LEGEND: (Trees)

- | | |
|-------------------------|--------------------------|
| EXISTING AFRICAN TULIP | EXISTING MONKEY POD TREE |
| EXISTING BANYAN TREE | EXISTING PALM TREE |
| EXISTING CHRISTMAS TREE | EXISTING PLUMERIA TREE |
| EXISTING COCONUT TREE | EXISTING POINCIANA TREE |
| EXISTING KIAWE TREE | EXISTING SHOWER TREE |
| EXISTING KUKUI TREE | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|------|-------------------|
| -20- | EXISTING GRADE |
| -0- | FINISH GRADE |
| -.- | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)

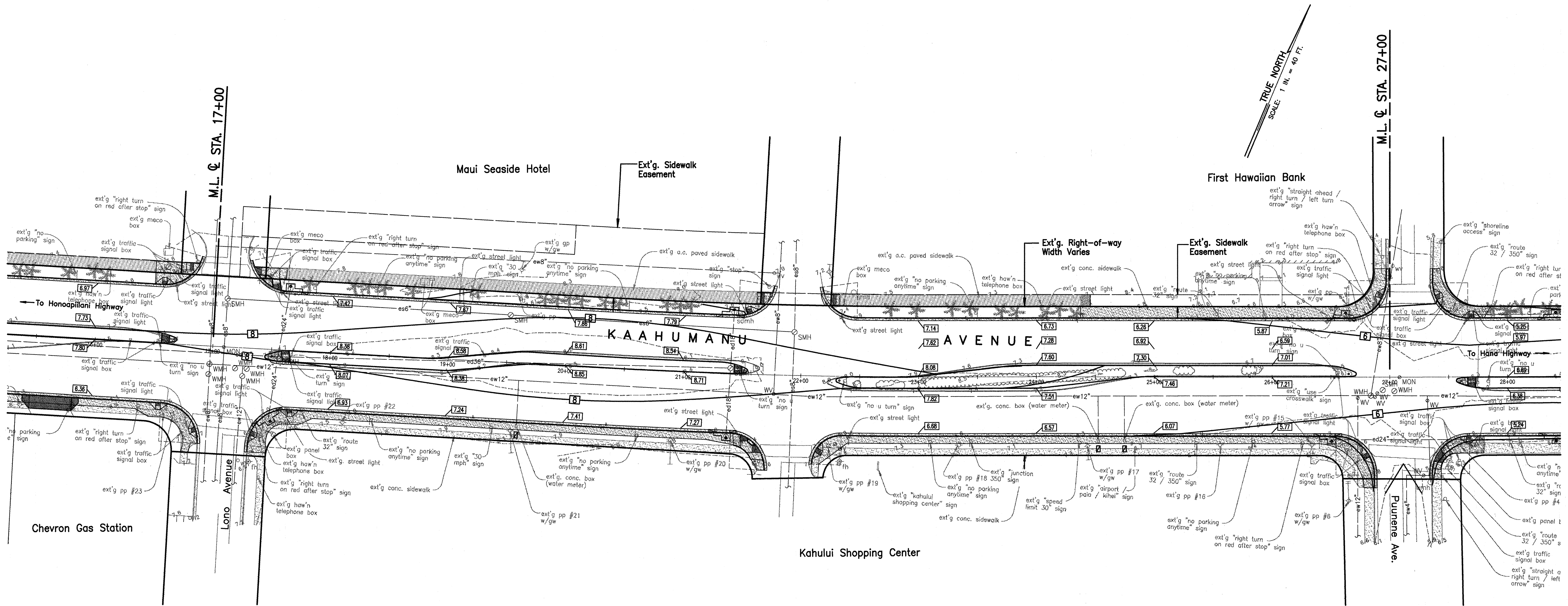


THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY GRADING PLAN
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED
SHEET No. 10 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	35	111



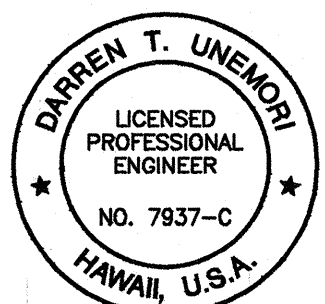
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

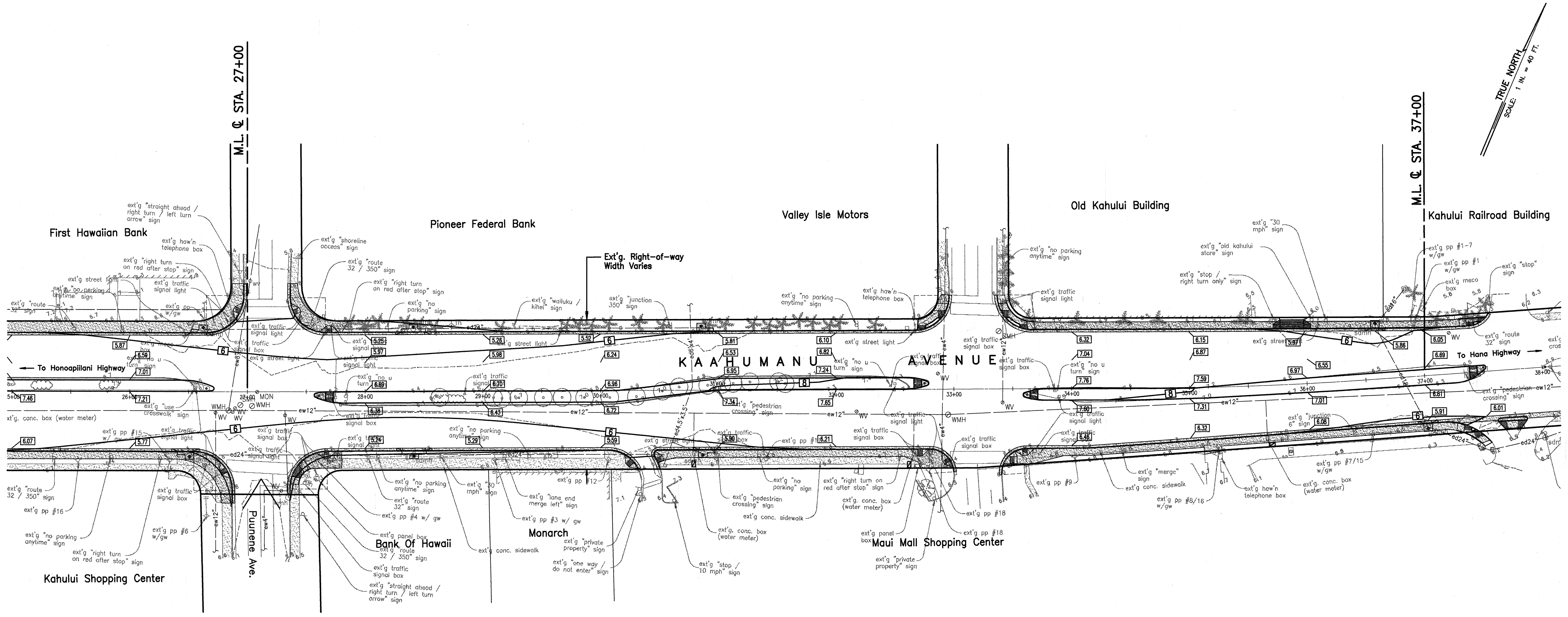
ROADWAY GRADING PLAN

MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 11 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-032-1(8)	2000	36	111



TRUE NORTH
SCALE: 1" = 40 FT.

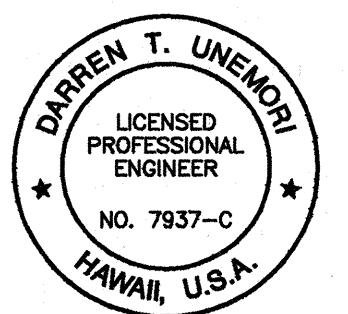
LEGEND: (Trees)

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXISTING AFRICAN TULIP | | EXISTING MONKEY POD TREE |
| | EXISTING BANYAN TREE | | EXISTING PALM TREE |
| | EXISTING CHRISTMAS TREE | | EXISTING PLUMERIA TREE |
| | EXISTING COCONUT TREE | | EXISTING POINCIANA TREE |
| | EXISTING KIAWE TREE | | EXISTING SHOWER TREE |
| | EXISTING KUKUI TREE | | EXISTING TREE (UNKNOWN) |

LEGEND:

- | | |
|--|-------------------|
| | EXISTING GRADE |
| | FINISH GRADE |
| | LIMITS OF GRADING |

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature]
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

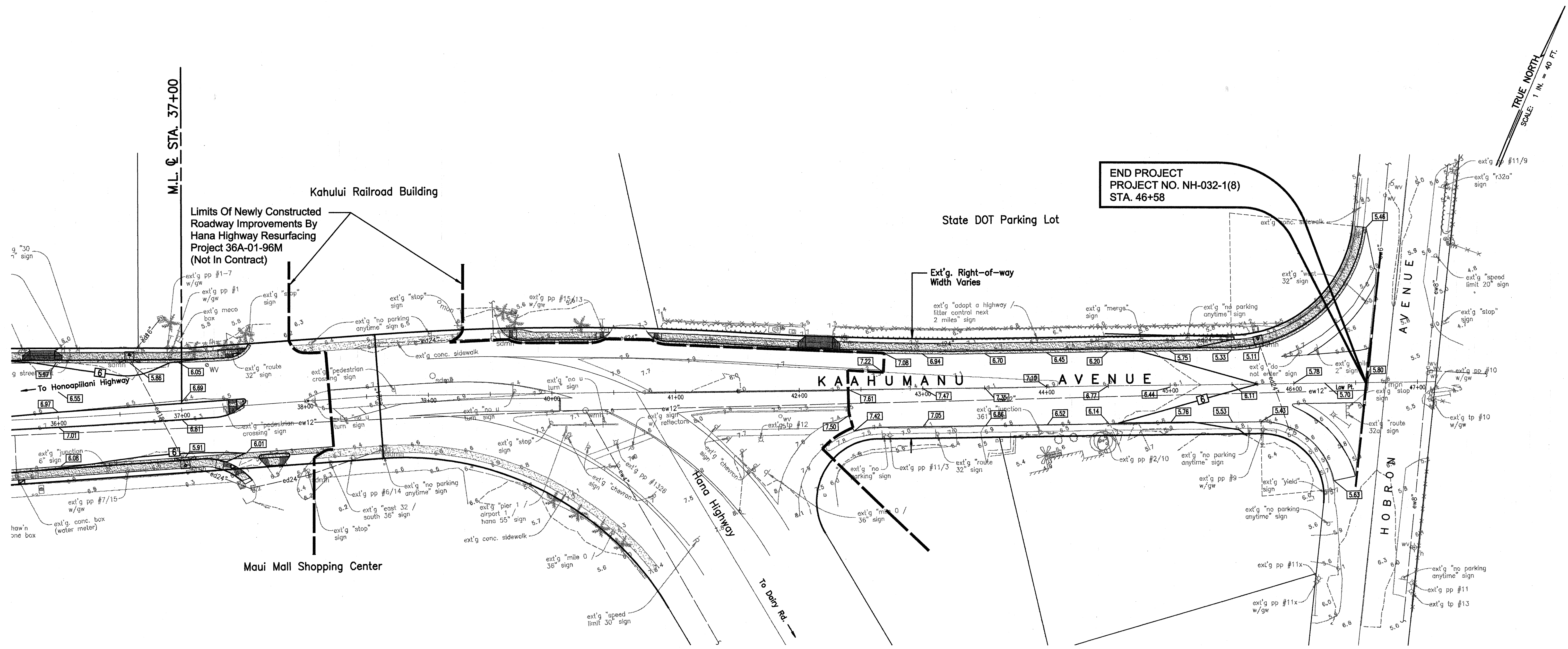
MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBSON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 12 OF 13 SHEETS

DATE	DATE	DATE	DATE	DATE
DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY
CHECKED BY	CHECKED BY	CHECKED BY	CHECKED 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-032-1(8)	2000	37	111



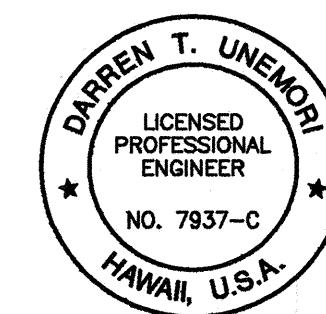
LEGEND: (Trees)

- | | | | |
|---|-------------------------|---|--------------------------|
|  | EXISTING AFRICAN TULIP |  | EXISTING MONKEY POD TREE |
|  | EXISTING BANYAN TREE |  | EXISTING PALM TREE |
|  | EXISTING CHRISTMAS TREE |  | EXISTING PLUMERIA TREE |
|  | EXISTING COCONUT TREE |  | EXISTING POINCIANA TREE |
|  | EXISTING KIAWE TREE |  | EXISTING SHOWER TREE |
|  | EXISTING KUKUI TREE |  | EXISTING TREE (UNKNOWN) |

LEGEND:

- 
- 20 EXISTING GRADE
 10 FINISH GRADE
 --- LIMITS OF GRADING

NOTE:
ELEVATIONS SHOWN WERE REFERENCED
FROM USGS BENCHMARK F22
ELEV. = (+)32.06 FT. (M.S.L.)



THIS WORK WAS PREPARED BY ME

Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY GRADING PLAN

MAIN STREET RESURFACING
CENTRAL AVENUE TO KAAHUMANU AVENUE
AND
KAAHUMANU AVENUE RESURFACING
MAIN STREET TO HOBRON AVENUE
Fed. Aid Project No. NH-032-1(8)

SCALE: AS NOTED

SHEET No. 13 OF 13 SHEETS