

GRADING DIAGRAM AND SUMMARY

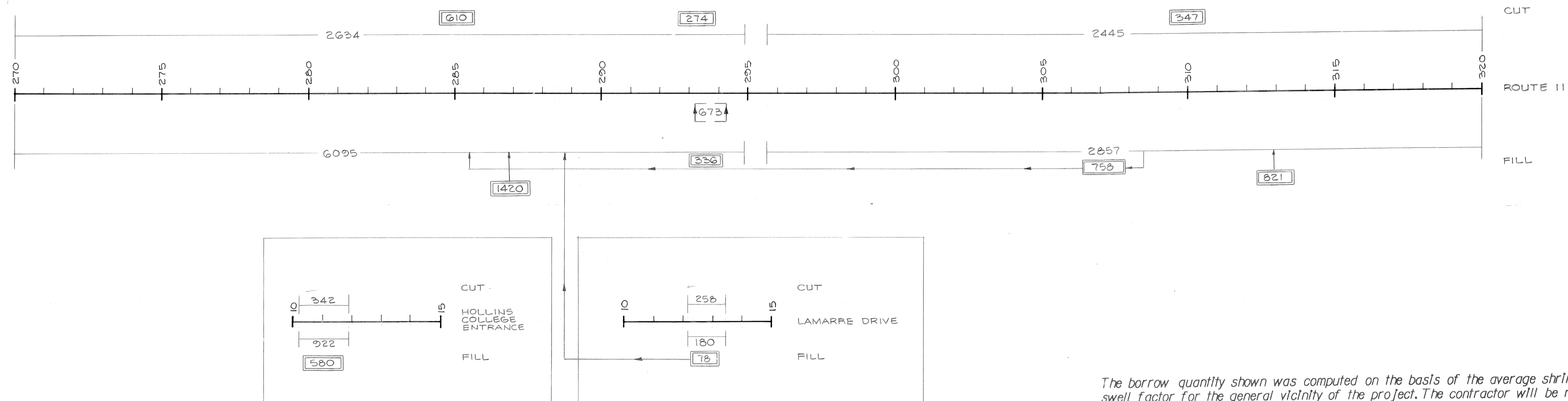
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
1-27-94	3	VA.		11	0011-080-F05, C-502	2F

- 130-1 FILL Denotes fill quantity from computer listings and/or manual cross-section listings.
- 130-1 Cut Denotes cut quantity from computer listings and/or manual cross-section listings. Quantity adjusted for demolition of pavement.
- Denotes C.Y. root mat material in cut areas which is included in Regular Excavation quantities.
- Denotes C.Y. root mat material removed from fill sections and backfilled with (specify material) (Backfill with Regular Excavation and/or Borrow Excavation)
- Denotes C.Y. Regular Excavation from private entrances.
- Denotes C.Y. fill for private entrances.

- Denotes C.Y. unsuitable material above subgrade which is included in Regular Excavation.
- Denotes C.Y. of excavation of unsuitable mat'l. below subgrade and backfilled with (specify material)
- Denotes C.Y. Regular Excavation from drainage ditches.
- Denotes C.Y. Minor Structure Excavation.
- Denotes Surplus Material.
- Denotes C.Y. fill for drainage ditches.

- Denotes C.Y. existing pavement to be removed as "Demolition of Pavement" from fill sections and backfilled with (specify mat'l.)
- Denotes C.Y. existing pavement to be removed as Demolition of Pavement in cut sections within construction limits and is not included in the Regular Excavation quantities.
- Denotes C.Y. Haul. (Haul Material shown will be C.Y. of mat'l. not compacted.)
- Denotes C.Y. fill for S.W.M. (Stormwater Basin)
- Denotes C.Y. cut from S.W.M. (Stormwater Basin)
- Denotes Borrow Excavation or Select Borrow (Min. CBR, specify for select borrow)



The borrow quantity shown was computed on the basis of the average shrinkage or swell factor for the general vicinity of the project. The contractor will be responsible for determining the actual factor for the site(s) from which he proposes to secure borrow material and shall determine the actual quantity of borrow material needed to complete this project.

- ⊗ Denotes items to be paid for on a basis of plan quantities in accordance with current Road and Bridge Specifications.
- ① Cut quantity shown does not include the material removed as Demolition of Pavement.
- ② Quantity shown for use in Grading Diagram only. See other Summaries for pay item.
- ③ Included in Total Regular Excavation.
- ④ Included in Roadway Cut quantity.
- ⑤ Denotes unsuitable material to be disposed of or used as directed by the Engineer.
- ⑥ Denotes pay item.
- ⑦ Included in total fill quantity.
- ⑧ This quantity comes from the computer listings and/or manual cross-section listings and may be adjusted for other quantities.
- ⑨ Includes settlement of Inplace soil.

Location	⊗ Roadway Cut ① ⑧ C.Y.	Root Mat In Cut Sections C.Y.	Root Mat In Fill Sections C.Y.	⊗ Cut - Ditches C.Y.	Fill - Ditches C.Y.	Unsuitable Material		Fill from Roadway ⑧ ⑨ C.Y.	Entrances		Total Regular Excavation ⑥ C.Y.	Total Fill C.Y.	⑤ Demolition of Pavement C.Y.		② Stormwater Management Basins C.Y.		⑥ Borrow C.Y.
						Below Subgrade ⑤ C.Y.	Above Subgrade ⑤ C.Y.		Cut	Fill			Cut	Fill	Cut	Fill	
						C.Y.	C.Y.		C.Y.	C.Y.			C.Y.	C.Y.	C.Y.	C.Y.	
ROUTE 11	7060 -813 +85										7060 -813 +85	7060 +54 +468					1961 704 400
LAMARRE DRIVE	323										323	180					-78
HOLLINS COLLEGE ENTRANCE	428										428	922					580
MS-2												821					821
TOTALS	③ 7083	④	③ ⑦	③ ⑦	③ ⑦	③ ⑦	④	⑦	③ ⑦	⑦	7083	10,054			⑦		4388

SUPERVISED BY
DESIGNED BY
CADD OPERATOR
REVISED BY

PLAN
NOTE BOOK
NO.

8-JUL-1992

PLAN NO. A PROJECT 0011-080-F05 FILE NO. 72 16 4 SHEET NO. 2F