
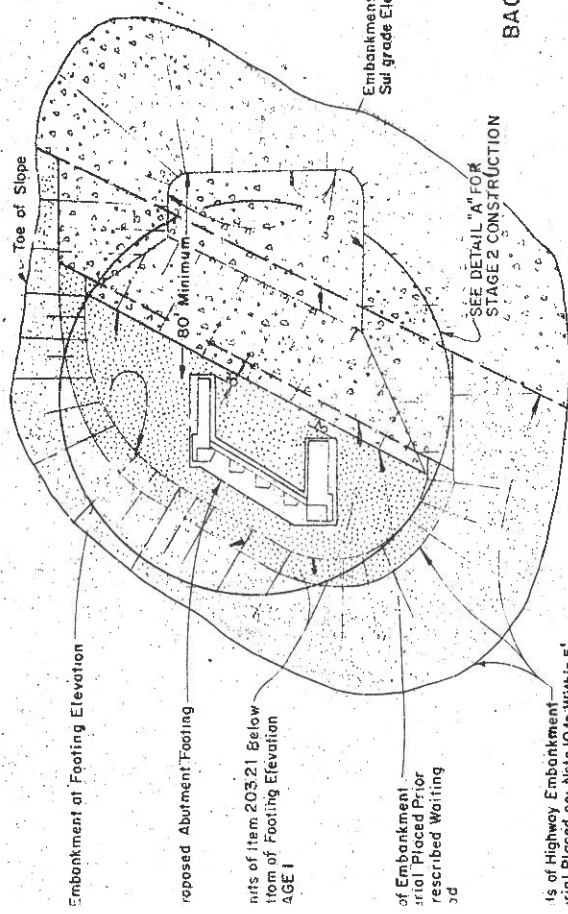


TO: MAIN OFFICE REGIONAL OFFICES SUPERSEDED BY EI 75-015 EFFECTIVE 2/13/1975	ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special	SUBJECT: EXCAVATION AND BACKFILL SHEET Subject Code: 7.35-2.5
APPROVED: <div style="text-align: center;">  <hr/> Deputy Chief Engineer (Structures) </div>	Code: <u>EI 74-112</u> Date: <u>12/13/74</u> Supersedes: <u> </u>

Attached is a copy of the subject sheet for distribution to your personnel.

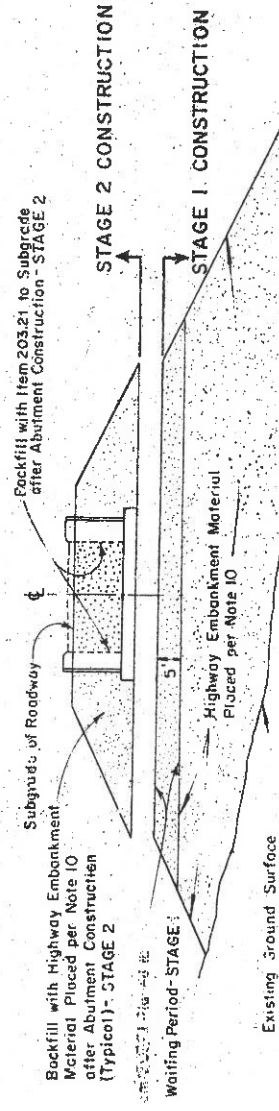
BDD 74-5 is being issued in conjunction with Sheets BDD 74-1, 2, 3 and 4. This sheet pertains to abutments requiring embankment construction to subgrade elevation, excluding abutment area, to consolidate foundation soil prior to abutment construction.

This sheet shall be effective immediately and shall also be used on structures already detailed, if the changes can be made without extensive revisions.



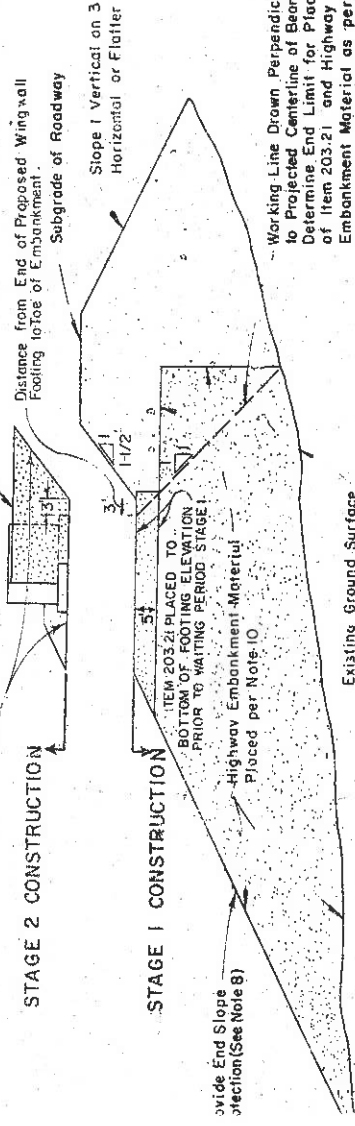
TYPICAL EMBANKMENT PLAN
SINGLE ABUTMENT - STAGE 1

EMBANKMENT DETAILS PRIOR TO WAITING PERIOD

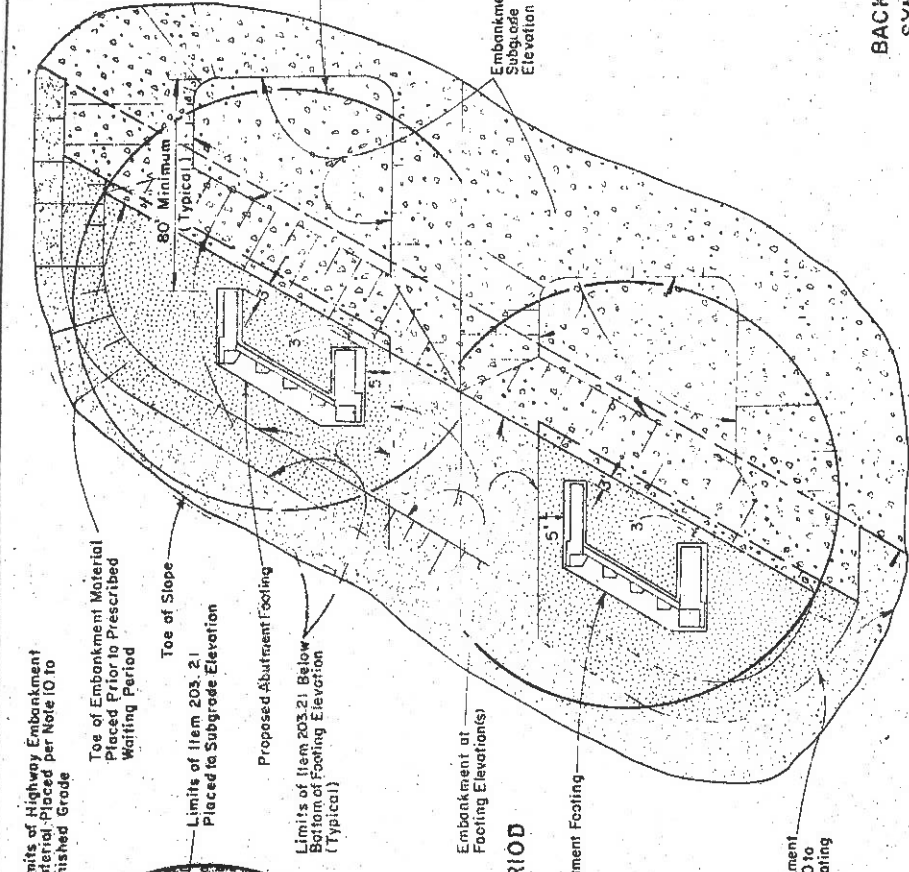


TYPICAL CROSS SECTION
THRU SINGLE ABUTMENT

Highway Embankment Material and Item 203.21 to Subgrade after Abutment Construction (Typical) - STAGE 2

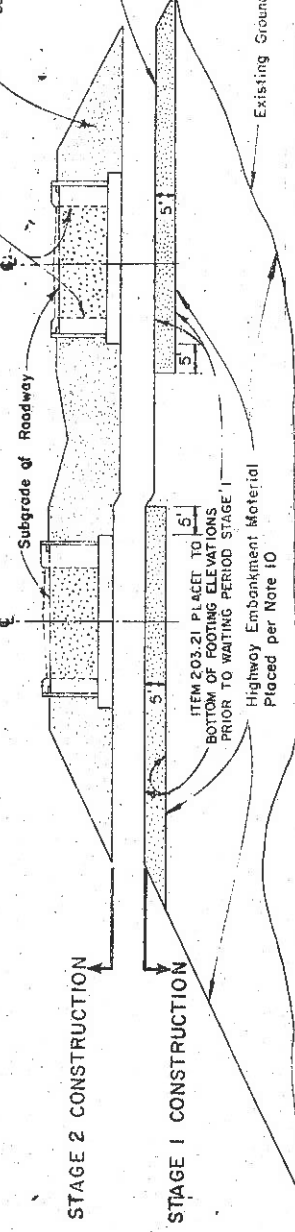


TYPICAL CENTERLINE SECTION
SINGLE OR TWIN ABUTMENTS



TYPICAL EMBANKMENT PLAN
TWIN ABUTMENT - STAGE 1

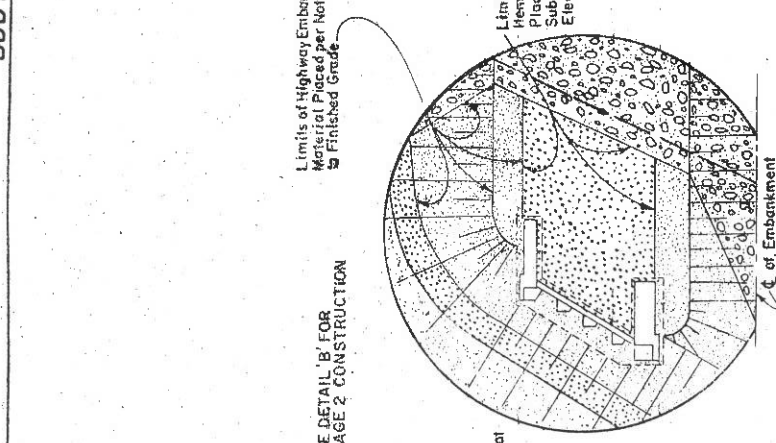
EMBANKMENT DETAILS PRIOR TO WAITING PERIOD



TYPICAL CROSS SECTION
THRU TWIN ABUTMENTS

- LEGEND
- Select Structure Fill - Bridges (Item 203.21) - 100% Compaction Required Per A.A.S.H.O. T-99
 - Select Subgrade (Item 203.0.4) - 95% Compaction Required Per A.A.S.H.O. T-99
 - Embankment in Place (Item 203.03) - 90% Compaction Required (Subgrade Areas 95% Per A.A.S.H.O. T-99)

Prepared and submitted for approval by the Soil Mechanics Bureau
Wm. P. Hoffmann, P.E.
Wm. P. Hoffmann, Director



DETAIL "A"
STAGE 2

BACKFILL DETAILS AFTER WAITING PERIOD

DETAIL "B"
STAGE 2

BACKFILL DETAILS ABOUT $\frac{1}{2}$ OF EMBANKMENT SYMMETRICAL ABOUT $\frac{1}{2}$ OF EMBANKMENT

Note: For General Notes See Drawing BDD 74-1

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
DIVISION OF CONSTRUCTION
FOR ABUTMENTS REQUIRING EMBANKMENT
PLACEMENT LIMITS OF ITEM 203.21
CONSTRUCTION TO SUBGRADE ELEVATION,
EXCLUDING ABUTMENT AREA, TO
CONSOLIDATE FOUNDATION SOIL PRIOR TO
ABUTMENT CONSTRUCTION

Approved Nov. 12, 1974
R. M. Kemp
Deputy Chief Engineer,
(Structures)