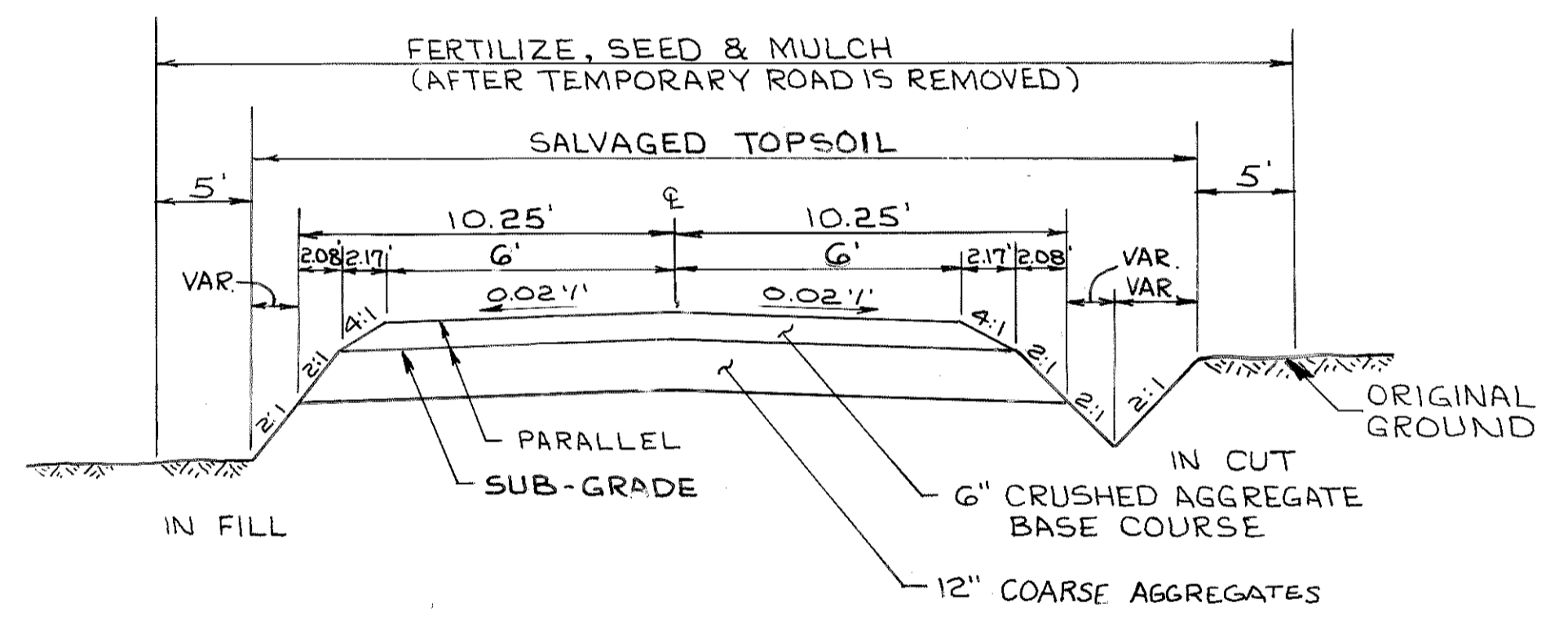
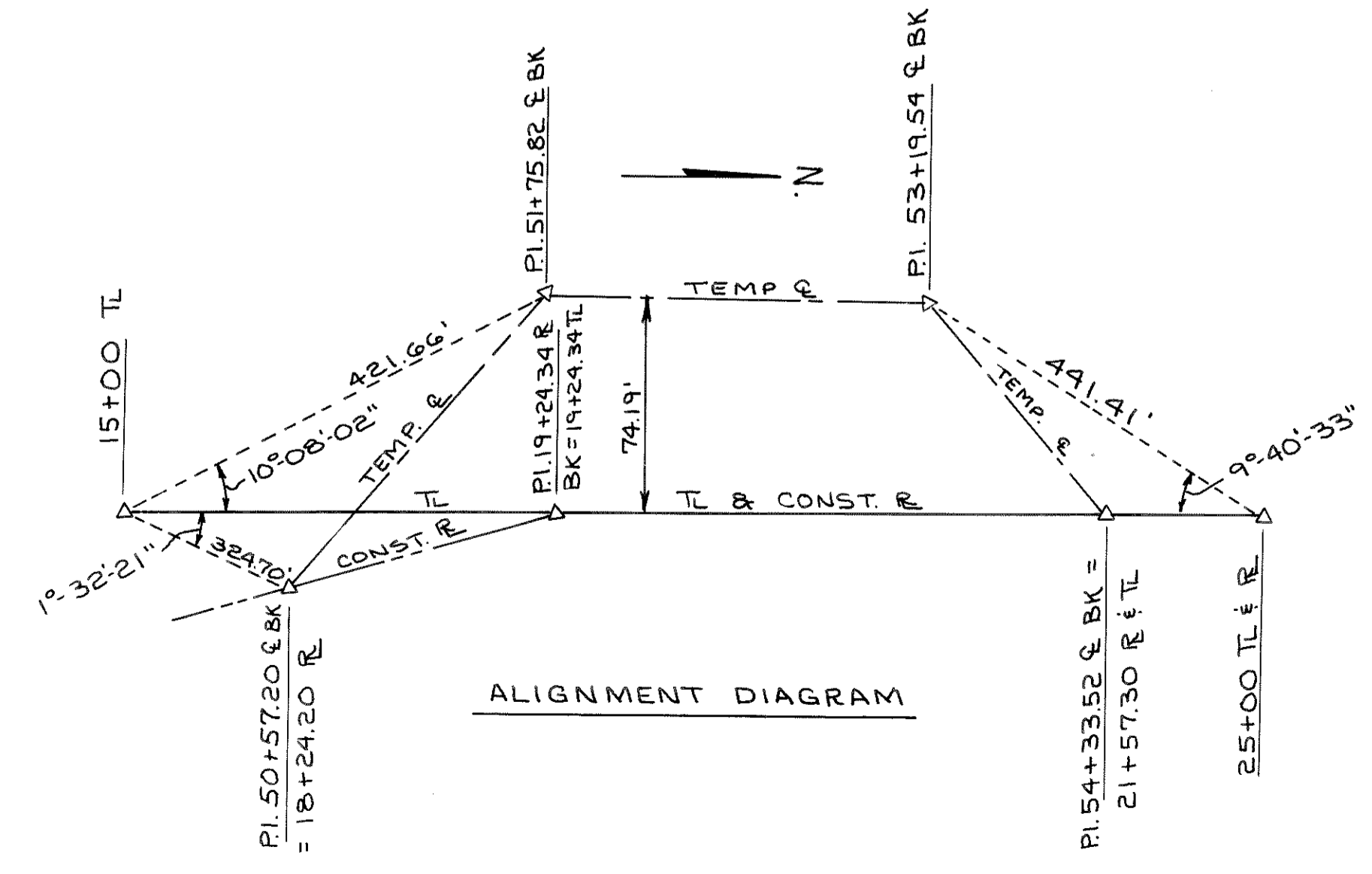


TYPICAL FINISHED SECTION  
MAINLINE



TYPICAL SECTION  
TEMPORARY ROAD



ALIGNMENT DIAGRAM

GENERAL NOTES

PRIVATE UTILITY COMPANIES SHALL ADJUST OR MOVE ALL PRIVATELY-OWNED FACILITIES TO FIT THE NEW CONSTRUCTION. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE ENGINEER IN THE FIELD.

THE DEPARTMENT OF TRANSPORTATION WILL FURNISH A BRASS MARKER TO BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

WHEN THE QUANTITY OF THE ITEM OF BASE COURSE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

FILL AS SHOWN ON THE PLAN SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED EXCAVATION. THE SHRINKAGE ALLOWANCE USED TO COMPUTE THE VOLUME OF MATERIAL NECESSARY TO COMPLETE THE FILL IS 25% FOR UNCLASSIFIED EXCAVATION BASED ON THE VOLUME OF THE FILL.

EXCAVATION BELOW SUBGRADE (EBS) THAT IS NOT SHOWN ON THE CROSS SECTIONS OR PLAN AND PROFILE SHEETS, BUT IF REQUIRED, SHALL BE MEASURED AS UNCLASSIFIED EXCAVATION. THE LOCATION FOR (EBS), IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER.

ALL DISTANCES ARE GROUND DISTANCES.

ALL TIES ON THIS PLAN ARE HORIZ. UNLESS DESCRIBED.

GRADE DATUM IS U.S.G.S.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE TOPSOILED, FERTILIZED, SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. USE SEED MIX NO. 1

STANDARD ABBREVIATIONS

- ℄ CENTERLINE
- CONC. CONCRETE
- EXCAV. EXCAVATION
- EXIST. EXISTING
- F.E. FIELD ENTRANCE
- GRAV. GRAVEL
- MAX. MAXIMUM
- R REFERENCE LINE
- TL TRANSIT LINE
- TEMP. TEMPORARY
- R/W RIGHT OF WAY
- REQ'D REQUIRED
- SHRK SHRINKAGE

STANDARD DETAIL DRAWINGS

- SOD OR MASONRY AND SOD DITCH CHECKS 8E4-2
- SILT FENCE 8E9-2
- NAME PLATE - STRUCTURES 12A3-4
- CONSTRUCTION BARRICADES AND STANDARD SIGNS 15C1-7

CLEARING & GRUBBING

| LOCATION       | STA. |
|----------------|------|
| 18+40 TO 21+40 | 4    |

HEAVY RIP RAP & GEOTEXTILE FABRIC

| LOCATION  | HEAVY RIP RAP C.Y. | GEOTEXTILE FABRIC S.Y. |
|-----------|--------------------|------------------------|
| 19+80 LT. | 6                  | 25                     |
| 19+80 RT. | 6                  | 25                     |
| 20+20 LT. | 6                  | 25                     |
| 20+20 RT. | 6                  | 25                     |

CRUSHED AGGREGATE BASE COURSE

| LOCATION       | C.Y. |
|----------------|------|
| MAINLINE       | 270  |
| TEMPORARY ROAD | 135  |

SODDING

| LOCATION           | NO. OF DITCH CHECKS | S.Y. |
|--------------------|---------------------|------|
| 18+00 TO 19+84 LT. | 3                   | 30   |
| 18+00 TO 19+84 RT. | 3                   | 30   |
| 20+16 TO 21+00 LT. | 2                   | 20   |
| 20+16 TO 21+00 RT. | 1                   | 10   |
| 21+50 TO 23+00 LT. | 4                   | 40   |
| 22+25 TO 23+00 RT. | 3                   | 30   |

SILT FENCE

| LOCATION       | LIN. FT. |
|----------------|----------|
| MAINLINE       | 80       |
| TEMPORARY ROAD | 40       |

SALVAGED TOPSOIL, MULCHING, FERTILIZER & SEEDING

| LOCATION  | TOPSOIL S.Y. | MULCHING S.Y. | FERTILIZER TYPE A CWT | SEEDING LB. |
|-----------|--------------|---------------|-----------------------|-------------|
| MAINLINE  | 1190         | 1995          | 2                     | 33          |
| TEMP. RD. | 840          | 1173          | 1                     | 19          |

YARDAGE SUMMARY

| LOCATION            | UNCL. EXCAV. C.Y. | FILL C.Y. | COARSE AGGREGATE C.Y. | SHRK. % | EXP. FILL C.Y. | BORROW C.Y. | EXP. COARSE AGGREGATE C.Y. |
|---------------------|-------------------|-----------|-----------------------|---------|----------------|-------------|----------------------------|
| TEMP. RD. (CONSTR.) | 39                | 49        | 265                   | 25      | 65             | 26          | 345                        |
| 18+00 TO 19+84      | 78                | 142       | -                     | 25      | 190            | 112         | -                          |
| 20+16 TO 23+00      | 146               | 176       | -                     | 25      | 235            | 89          | -                          |
| TEMP. RD. (REMOVAL) | 418               | -         | -                     | -       | -              | -           | -                          |
| TOTAL               | 680               | 367       | 265                   | -       | 490            | 227         | 345                        |