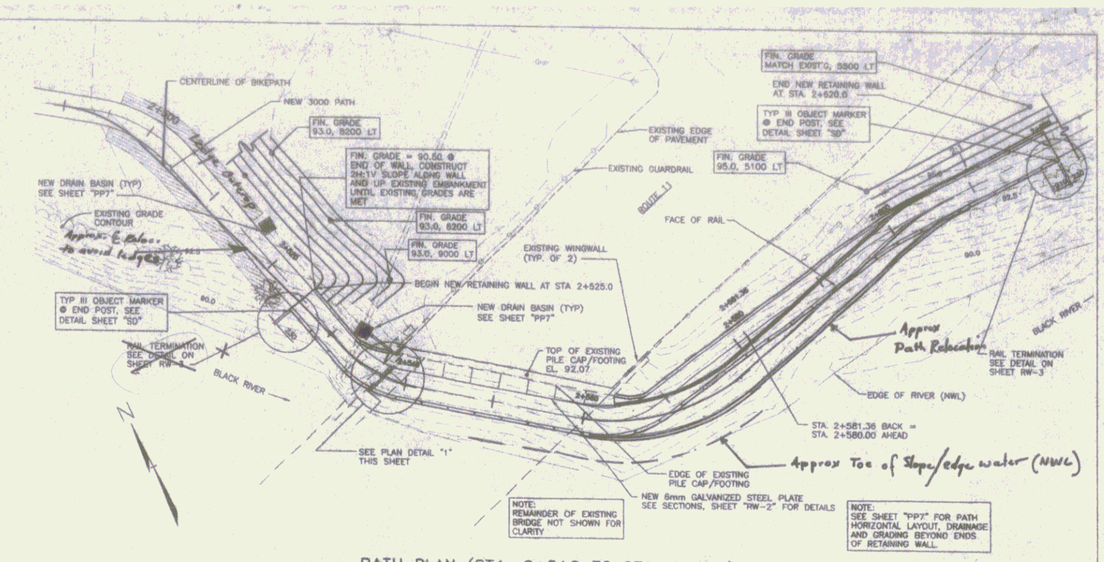
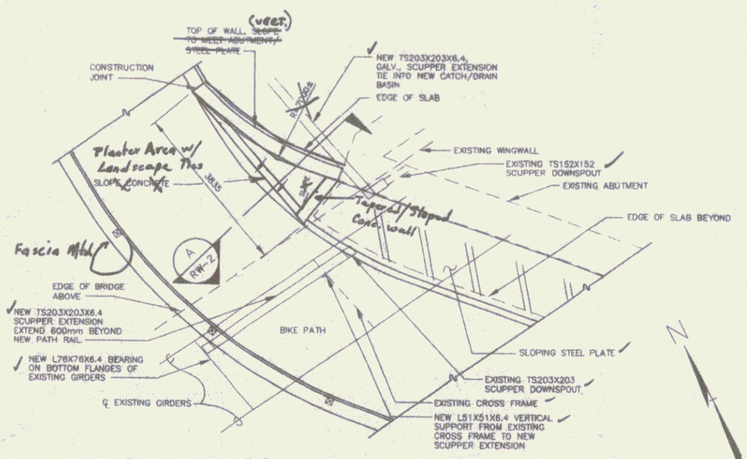
## GENERAL RETAINING WALL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, 1996 STANDARD SPECIFICATIONS FOR CONSTRUCTION, ITS LATEST REVISIONS, THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DATED 1996, AND ITS LATEST REVISIONS.
2. CONSTRUCTION OF THE NEW CONCRETE RETAINING WALL AND SLAB WILL REQUIRE THE REMOVAL AND REPLACEMENT OF THE EXISTING RIP-RAP. THE EXISTING RIP-RAP SHALL BE SPLIT, BROKEN AND/OR OTHERWISE REQUIRED AS NECESSARY TO CREATE A RELATIVELY FLAT SURFACE (+/- 75 mm) FOR CASTING THE CONCRETE SLAB. ALL VOIDS IN THE RIP-RAP SUB GRADE SHALL BE FILLED WITH CLASS D CONCRETE FOR A DEPTH OF 600 mm BELOW THE BOTTOM OF THE NEW PATH SLAB. THIS CONCRETE SHALL BE THOROUGHLY VIBRATED TO ENSURE THAT ALL VOIDS ARE FILLED. VOIDS GREATER THAN 600 mm BELOW THE BOTTOM OF SLAB MAY BE FILLED WITH CRUSHED STONE TO PREVENT THE PLACEMENT OF EXCESS CLASS D CONCRETE.
3. BACKFILL THE NEW RETAINING WALL WITH 19 mm CRUSHED STONE AND EXCAVATED RIP-RAP. RIP-RAP SHALL BE CAREFULLY PLACED TO AVOID DAMAGE TO THE NEW CONCRETE WALL. USE RIP-RAP OF VARIOUS SHAPES AND SIZES TO SUFFICIENTLY CHINK BETWEEN LARGER PIECES AND MINIMIZE THE SIZE AND QUANTITY OF VOIDS.
4. THE FLOWABLE FILL SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 344 kPa (50 psi) AND A MAXIMUM 28 DAY STRENGTH OF 516 kPA (75 psi). SEE THE CONTRACT SPECIAL PROVISIONS FOR SPECIFICATIONS.
5. ALL CAST IN PLACE CONCRETE SHALL BE "CONCRETE, CLASS A" UNLESS OTHERWISE DESIGNATED ON THE PLANS.
6. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 25 BY 25.
7. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.
8. PRIOR TO FABRICATIONS OF THE REINFORCING STEEL, THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL. AT A MINIMUM, SHOP DRAWINGS SHALL INCLUDE DIMENSIONS, SPACING, BAR SCHEDULE, BENDING DETAILS AND ANY OTHER PERTINENT DATA REQUIRED FOR PROPER INSTALLATION OF THE REINFORCING STEEL.
9. THE NEW TS 203 X 203 X 6.4 SCUPPER EXTENSION, WHICH EXTENDS OVER THE NEW PATH, AND ALL FIELD WELDS ON NEW AND EXISTING STEEL, SHALL BE GALVANIZED IN ACCORDANCE WITH VERMONT AGENCY OF TRANSPORTATION SUPPLEMENTAL SPECIFICATION, SECTION 513 - SPECIAL COATINGS. COLOR SHALL MATCH THE EXISTING BRIDGE.
10. ALL EXPOSED PORTIONS OF THE NEW TS 203 X 203 X 6.4 SCUPPER EXTENSION WHICH EXTENDS FROM THE WEBBING CORNER TO THE NEW CATCH-BASIN SHALL BE PAINTED IN ACCORDANCE WITH VERMONT AGENCY OF TRANSPORTATION SUPPLEMENTAL SPECIFICATION, SECTION 513 - SPECIAL COATINGS. ALL BURIED PORTIONS OF THIS SCUPPER EXTENSION SHALL BE GALVANIZED IN ACCORDANCE WITH PARAGRAPH 506.15 OF THE VERMONT AGENCY OF TRANSPORTATION 1996 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
11. PRIOR TO ANY WORK BEING DONE, THE CONTRACTOR SHALL SUBMIT AN EROSION/SEDIMENT CONTROL PLAN WITH A SCHEDULE OF EVENTS. THIS PLAN SHALL BE SITE SPECIFIC.
12. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 68 DEGREES F.
13. TRAFFIC SHALL BE MAINTAINED ALL TIMES ON THE EXISTING BRIDGE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING AND UNDERSTANDING ALL APPLICABLE ENVIRONMENTAL PERMITS AND ENSURE THAT ALL CONSTRUCTION REQUIREMENTS ARE MET.
15. ACCESS SHALL BE MAINTAINED TO ALL DRIVES DURING THE CONSTRUCTION OF THIS PROJECT.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FIELD MEASUREMENTS OF ALL EXISTING CONDITIONS AFFECTING THE WORK. ANY DISCREPANCIES IN DIMENSIONS, CHARACTER OR EXTENT OF EXISTING FEATURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ADVANCING THE WORK. SHOP DRAWINGS REQUIRED FOR VARIOUS ITEMS OF THE WORK SHALL INDICATE THE ACTUAL FIELD MEASUREMENTS BY THE CONTRACTOR PRIOR TO SUBMITTAL FOR THE ENGINEER'S APPROVAL, AND SHALL BE SO NOTED.
17. ALL WORK SHALL BE PERFORMED IN THE DRY, AND/OR ISOLATED FROM THE RIVER.
18. CONTRACTOR SHALL LOAM, SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS, EXCEPT ROADWAY, SHOULDERS AND STONE FILL AREAS.
19. CONTRACTOR SHALL NOT DISRUPT ANY EXISTING UTILITY SERVICE (PRIVATE OR PUBLIC) WITHOUT WRITTEN AUTHORIZATION FROM THE TOWN OF SPRINGFIELD, VERMONT.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "DIG-SAFE" AT 1-800-225-4977 AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION WITHIN THE PROJECT AREA.
21. REQUIRED DIMENSIONS FOR STEEL PLATES SHALL BE DETERMINED IN THE FIELD. PLATE DIMENSIONS SHALL MATCH THE SLOPE OF THE PATHWAY ALLOWING A MAXIMUM OF 3 mm GAP AT ANY POINT. DIMENSIONS SHALL BE DETERMINED PRIOR TO ORDERING OF ANY MATERIAL.




PATH PLAN (STA. 2+510 TO STA. 2+610)

SCALE: 1:250




PLAN DETAIL "1", VICINITY OF STA. 2+535±

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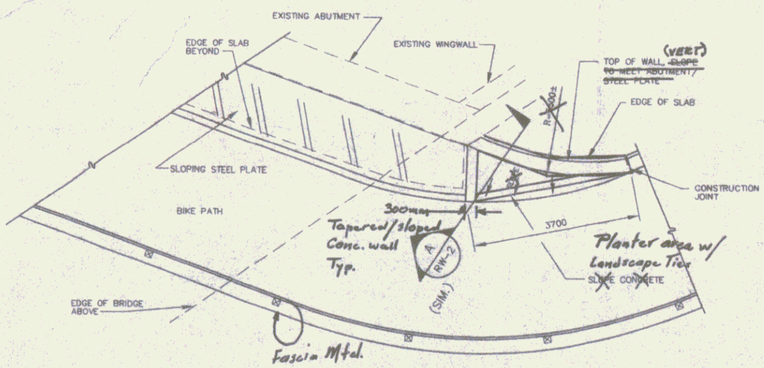


PLAN @ TRANSITIONAL WALL, STA. 2+565±

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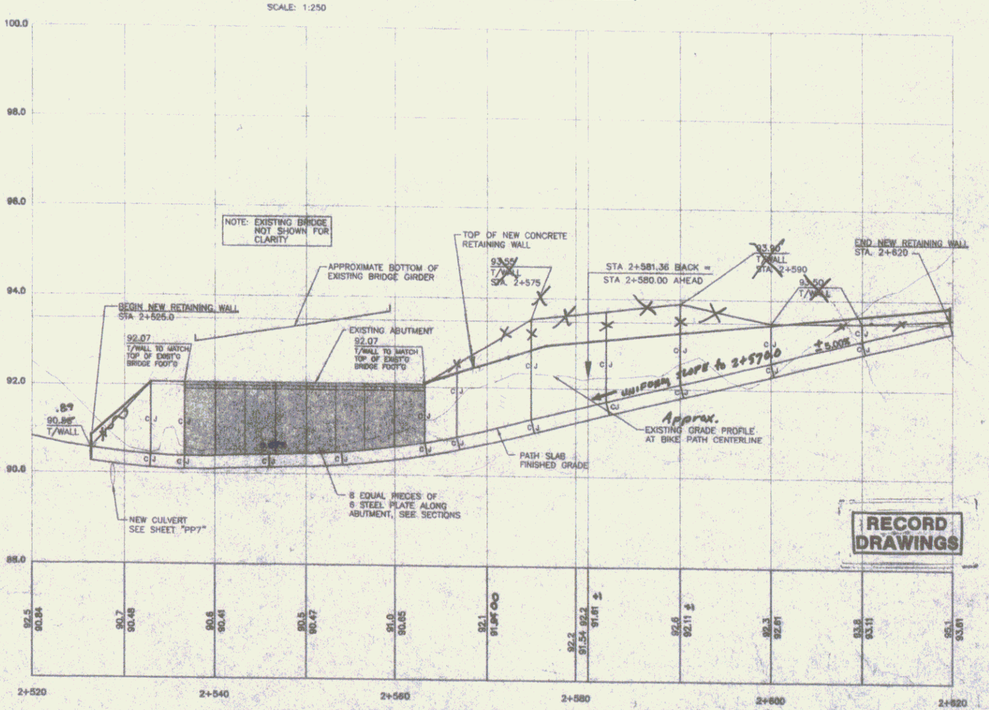


BIKE PATH RETAINING WALL PROFILE

SCALE: HORZ. 1:250, VERT 1:50

NOTE: SEE SHEET "PP7" FOR PATH VERTICAL LAYOUT

RECORD DRAWINGS

SPRINGFIELD TRANSPORTATION PATH
PHASE 1
TOWN OF SPRINGFIELD
SPRINGFIELD, VERMONT
RETAINING WALL

RW-1

SHEET 14

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