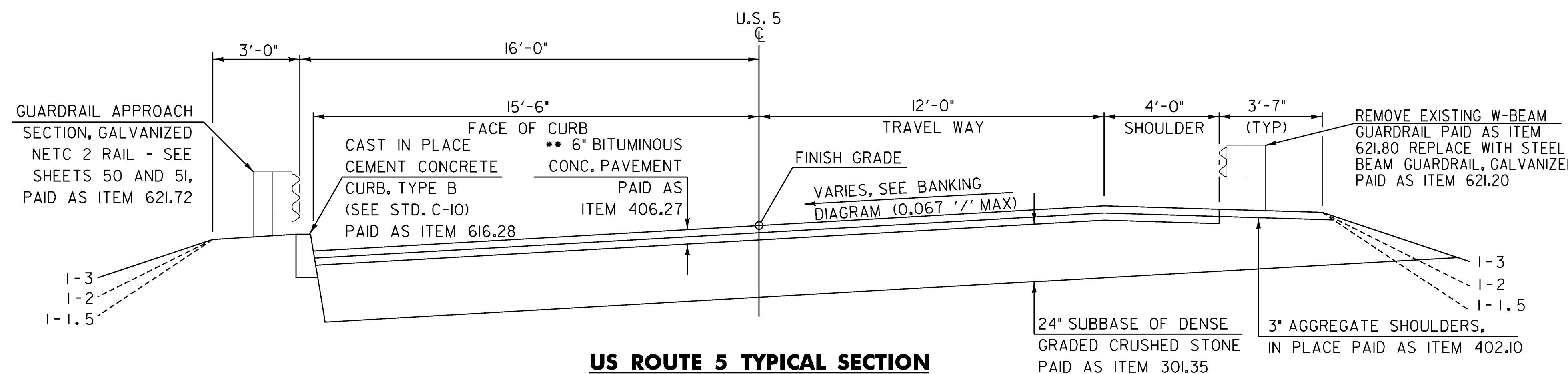
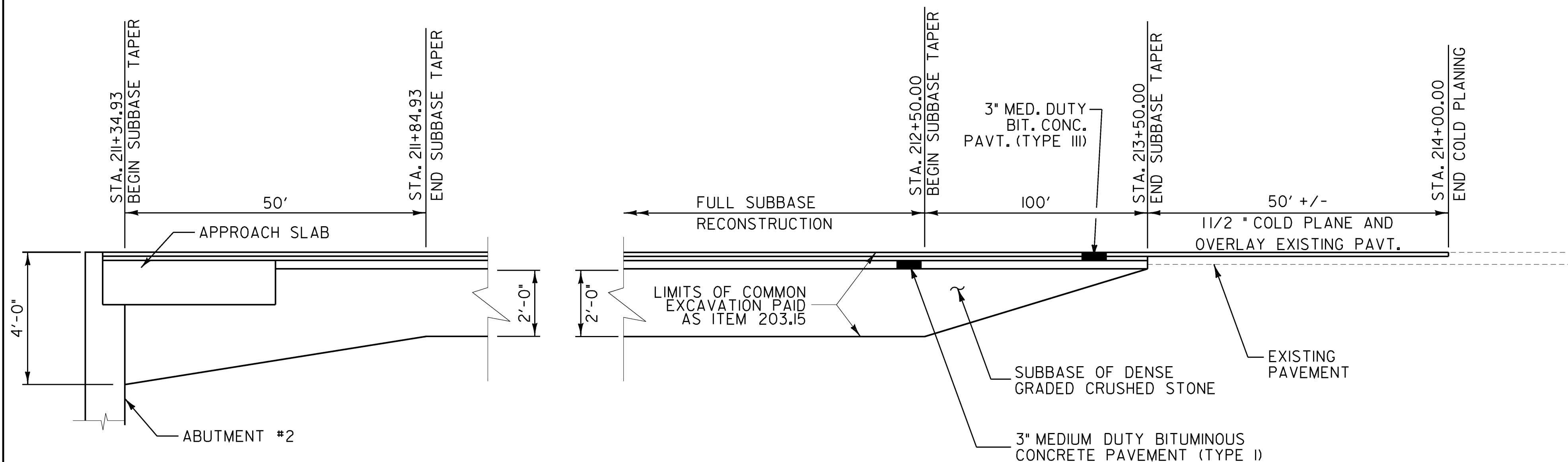


TYPICAL SECTIONS

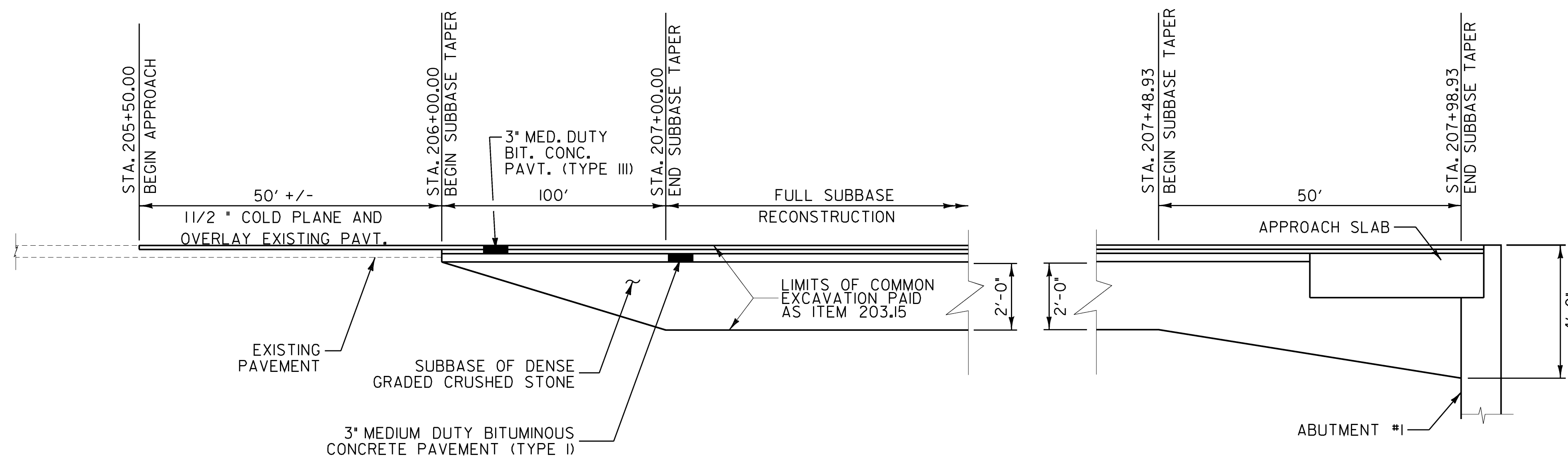
- ** 3" MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (TWO 1 1/2" LIFTS - TYPE III)
- ** 3" MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (ONE LIFT - TYPE I)
- 24" SUBBASE OF DENSE GRADED CRUSHED STONE



US ROUTE 5 TYPICAL SECTION
NOT TO SCALE



TYPICAL APPROACH SECTION-NORTH APPROACH
NOT TO SCALE



TYPICAL APPROACH SECTION-SOUTH APPROACH
NOT TO SCALE

MATERIAL ITEM THICKNESSES/TOLERANCE

BITUMINOUS CONCRETE PAVEMENT (TOTAL DEPTH)	+/- 1/4"
DENSE GRADED CRUSHED STONE	+/- 1"

URBAN MIX SEEDING FORMULA

% WT	LBS/A	NAME
37.5	45	CREeping RED FESCUE
31.25	37.5	KENTUCKY BLUE GRASS
31.25	37.5	WINTER HARDY, PERENNIAL RYE
100	120	

CONSERVATION MIX SEEDING FORMULA

% WT	LBS/A	NAME
35	35	CREeping RED FESCUE
23	23	KENTUCKY BLUE GRASS
15	15	ANNUAL RYE
11	11	WINTER HARDY, PERENNIAL RYE (VARIETY PENNFINE, MANHATTAN OR SIMILAR VARIETY)
6	6	WHITE CLOVER
10	10	HIGHLAND BENTGRASS
100	100	

SEEDING NOTES

- SEED MIXTURE IN LAWN AREAS AROUND DWELLINGS AND WITHIN STREET LIMITS SHALL BE URBAN MIX CONFORMING TO THE ABOVE TABLE. FOR SEEDING BETWEEN SEPTEMBER 1 AND OCTOBER 1, WINTER RYE SHALL BE USED IN ADDITION TO THE URBAN MIX AT AN APPLICATION RATE OF 120 POUNDS PER ACRE.
- SEED MIXTURE IN ALL OTHER DISTURBED AREAS SHALL BE CONSERVATION MIX CONFORMING TO THE ABOVE TABLE. FOR SEEDING BETWEEN SEPTEMBER 1 AND OCTOBER 1, WINTER RYE SHALL BE USED IN ADDITION TO THE URBAN MIX AT AN APPLICATION RATE OF 100 POUNDS PER ACRE.
- THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE FROM ALL NOXIOUS SEED.
- SEED - TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER - FORMULA 19-19-19 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS/ACRE.
- AGRICULTURAL LIMESTONE - TO BE APPLIED AT A RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
- EROSION MATTING - TO BE PLACED ON EARTH SLOPES WITH 1:3 SLOPE OR STEEPER AND IN ALL DRAINAGE DITCHES.
- HAY MULCH - TO BE PLACED ON ALL DISTURBED AREAS NOT REQUIRING EROSION MATTING AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL - TO BE USED WITH SEED, AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. TOPSOIL SHALL BE PLACED AT 2" DEEP.

NOTES

- THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL ON SHEET 4.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.27 OR 528.11.
- EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF BITUMINOUS CONCRETE PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE ENGINEER. THIS WILL BE PAID FOR AS ITEM 404.65.
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE ENGINEER. EXCAVATION WILL BE PAID USING ITEM 608.15 OR 608.25.

MATERIAL REMOVED SHALL BE REPLACED WITH AGGREGATE SHOULDERS, IN PLACE ITEM 402.10 AS DIRECTED BY THE ENGINEER. COLD PLANE GRINDINGS MAY BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT AS DIRECTED BY THE ENGINEER. THIS WILL BE PAID UNDER ITEM 402.10.

EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.

- ITEM 203.40 SHOULDER BERM REMOVAL IS APPROPRIATE ONLY IN AREAS OF RETAINED GUARDRAIL.

- FOR PG BINDER REQUIREMENTS, SEE SECTION 406 OF THE GENERAL SPECIAL PROVISIONS.

- TERMINAL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCIDENTAL TO 621.50 MANUFACTURED TERMINAL SECTION, FLARED.

PROJECT NAME: PUTNEY
PROJECT NUMBER: IM 091-1(31)

FILE NAME: ...\\03 z93a148typ roadway.p1f PLOT DATE: 10/19/2009
PROJECT LEADER: G. BOGUE DRAWN BY: R. WALKER
DESIGNED BY: E. ALLING CHECKED BY: G. GOYETTE
TYPICAL SECTIONS - ROADWAY SHEET 3 OF 75

