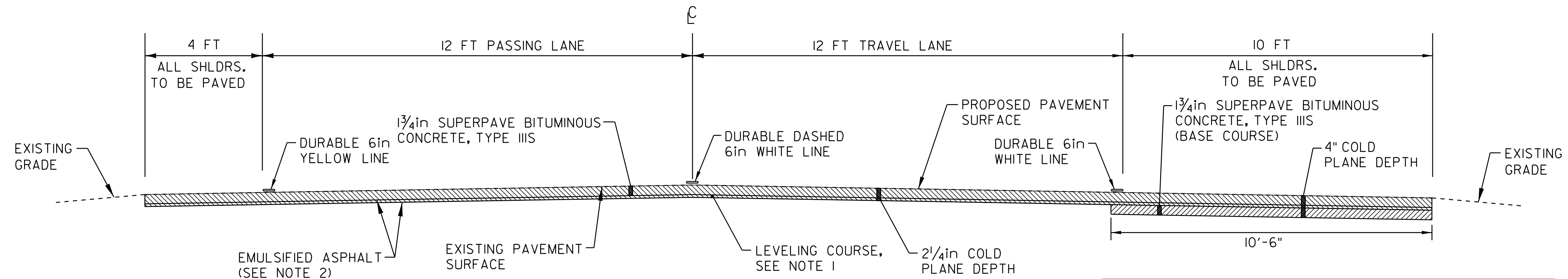


NOTES

- THE PAVEMENT WEARING COURSE SHALL BE TYPE IIIS ON THE ROADWAY SURFACES AND TYPE IVS ON THE BRIDGE SURFACES, ITEM 490.30 AS SHOWN ON THE TYPICALS, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

THE LEVELING COURSE SHALL BE TYPE IVS UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE ALONG THE COLD PLANE TYPICAL SECTION. AN ESTIMATED THICKNESS OF 1/2 in. OF ITEM 490.30 HAS BEEN INCLUDED TO COVER THIS PROVISION.

ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 64-28.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 in (TOTAL THICKNESS EXCLUDING LEVELING).
- COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL RAMP APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL BUTT JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10.
- ITEM 604.412 IS AN ESTIMATED QUANTITY AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL D.I.'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- AREAS ADJACENT TO THE SHOULDER, WHERE EXISTING GUARD RAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 203.40, SHOULDER BERM REMOVAL.
- AREAS ADJACENT TO THE SHOULDER THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 608.15, GRADER RENTAL.
- ALL EDGES OF PAVEMENT, AND CURB AT GUARD RAIL, SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13, AGGREGATE SHOULDERS, RAP.
- ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL, TYPE I AND 608.37, TRUCK RENTAL, AND 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR CONSTRUCTING GUARD RAIL FLARES. QUANTITIES OF EARTH BORROW AND AGGREGATE SHOULDERS, RAP HAVE ALSO BEEN INCLUDED FOR CONSTRUCTING AND RESHAPING THE MANUFACTURED TERMINAL SECTION FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDERS, RAP AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 25 CUBIC YARDS OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDERS, RAP FOR EACH GUARD RAIL TERMINAL. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARD RAIL FLARE.
- POWER BROOM RENTAL, TYPE II, SHALL BE USED TO CLEAN THE MATERIAL FROM IN FRONT OF THE EXISTING TREATED TIMBER CURB.
- THE CONTRACTOR SHALL MAINTAIN COLD PLANE AND PAVING DEPTHS THAT DO NOT REDUCE THE CLEARANCE HEIGHTS OF THE ROADWAY OR SHOULDERS UNDER THE OVERPASS BRIDGES (*60, *62 & *64). THESE HEIGHTS SHALL BE RECORDED BY THE RESIDENT ENGINEER PRIOR TO THE START OF CONSTRUCTION AND SHALL BE REMEASURED AFTER PAVING OPERATIONS ARE COMPLETE. IF IT IS DETERMINED THAT A REDUCTION IN CLEAR HEIGHT HAS OCCURRED, THE CONTRACTOR SHALL RE-ESTABLISH THE ORIGINAL CLEAR HEIGHT AT NO ADDITIONAL EXPENSE TO THE STATE.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 402.13, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- AN ESTIMATED QUANTITY OF ITEM 619.17, YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE CULVERT ENDS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
- IN AREAS OF RUTTING THE COLD PLANE DEPTH SHOULD BE MEASURED FROM THE HIGH POINTS OF THE ROADWAY SECTION.
- ALL DELINEATORS WITHIN THE PROJECT ARE TO BE REPLACED AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 676.10, DELINEATOR WITH STEEL POST.



MAINLINE TYPICAL SECTION

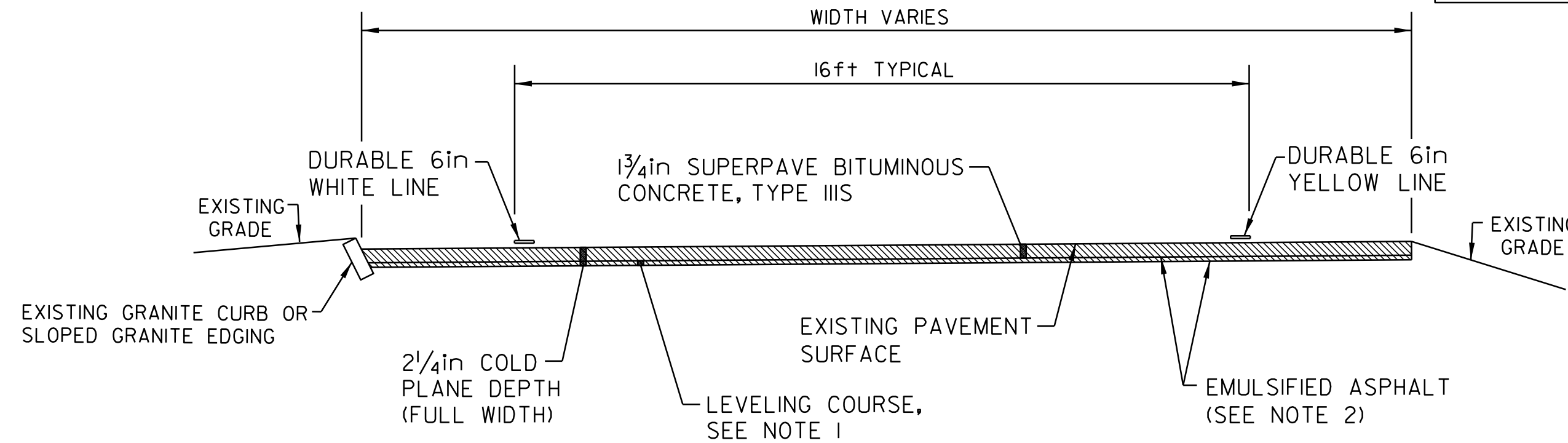
NORTHBOUND

STA 4170+67 TO 4221+61
STA 4224+83 TO 4614+56
FOR BRIDGES SEE SHEET 52

NOTE: IF THE CONTRACTOR ELECTS TO COLD PLANE THE 10' SHOULDER PRIOR TO COLD PLANING THE ADJACENT TRAVEL LANE THE 1 3/4" BASE COURSE SHALL BE PAVED THE SAME WORKDAY.

IF THE CONTRACTOR CHOOSES TO COLD PLANE THE 4" DEPTH ON THE 10' SHOULDER IN TWO PASSES, PAYMENT WILL ONLY BE MADE FOR THE FIRST PASS.

FINAL GRADING OF THE EXPOSED SHOULDER SUBBASE MATERIAL SHALL BE COMPLETED AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF 608.15, POWER GRADER RENTAL, HAS BEEN INCLUDED TO COMPLETE THIS GRADING.



RAMP PAVEMENT TYPICAL

LOCATION

INTERCHANGE 12
ON & OFF RAMPS - SEE DETAILS, SHEET 62

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING Tons	NOTES
RICHMOND - INTERSTATE 89 NB	4170+67	4199+89	4-12-12-10	1 3/4 in	360	COLD PLANE 2 1/4", LEVEL & PAVE WITH 1 3/4" TYPE IIIS COLD PLANE 10' SHOULDER 4", 1 3/4" BASE COURSE, LEVEL & OVERLAY
WILLISTON - INTERSTATE 89 NB	4199+89	4221+61	4-12-12-10	1 3/4 in	310	COLD PLANE 2 1/4", LEVEL & PAVE WITH 1 3/4" TYPE IIIS COLD PLANE 10' SHOULDER 4", 1 3/4" BASE COURSE, LEVEL & OVERLAY
WILLISTON - INTERSTATE 89 NB	4221+61	4224+83	4-12-12-10	1 3/4 in	-	FRENCH HILL SETTLEMENT AREA SEE SHEET 70 FOR TYPICAL
WILLISTON - INTERSTATE 89 NB	4224+83	4488+13	4-12-12-10	1 3/4 in	3,240	COLD PLANE 2 1/4", LEVEL & PAVE WITH 1 3/4" TYPE IIIS COLD PLANE 10' SHOULDER 4", 1 3/4" BASE COURSE, LEVEL & OVERLAY
SO. BURLINGTON - INTERSTATE 89 NB	4488+13	4614+56	4-12-12-10	1 3/4 in	1,560	COLD PLANE 2 1/4", LEVEL & PAVE WITH 1 3/4" TYPE IIIS COLD PLANE 10' SHOULDER 4", 1 3/4" BASE COURSE, LEVEL & OVERLAY

PROJECT TYPICAL SHEET #1

DESIGNED BY BCE/PJM DATE 6-07
 DRAWN BY C.E.A., INC. DATE 6-07
 DESIGN FILE NO. p01a030.dgn
 PRF FILE p01a030+yp1.i DATE PLOTTED #####DATE
 PROJ. NAME **RICHMOND-SO. BURLINGTON**
 PROJ. NO. **IM089-2(39)**
 SHEET **51** OF **91** SHEETS