

COLD PLANE TYPICAL SECTION - CURBED

STA. 5+01.60 TO 46+35.84

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
MONTPELIER U.S. ROUTE 302	5+01.60	9+00	7'-6" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	9+00	15+85	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	15+85	17+10	6'-0" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	17+10	28+66	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	28+66	30+62	6'-0" - 11'-0" - 11'-0" - 6'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	30+62	41+33	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	41+33	43+80	7'-6" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS
MONTPELIER U.S. ROUTE 302	43+80	46+35.84	VARIES - SEE LAYOUT SHEETS	1 1/2"	1/2"	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS

URBAN AREAS - SEED MIXTURE

% WT	LBS/A	NAME	PUR %	GERM %
42.5	34	CREeping RED FESCUE	98	85
10.0	8	PERENNIAL RYE GRASS	95	90
42.5	34	KENTUCKY BLUE GRASS	85	85
0	4	ANNUAL RYE GRASS	95	85
100	80			

SEED MIXTURE:
SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

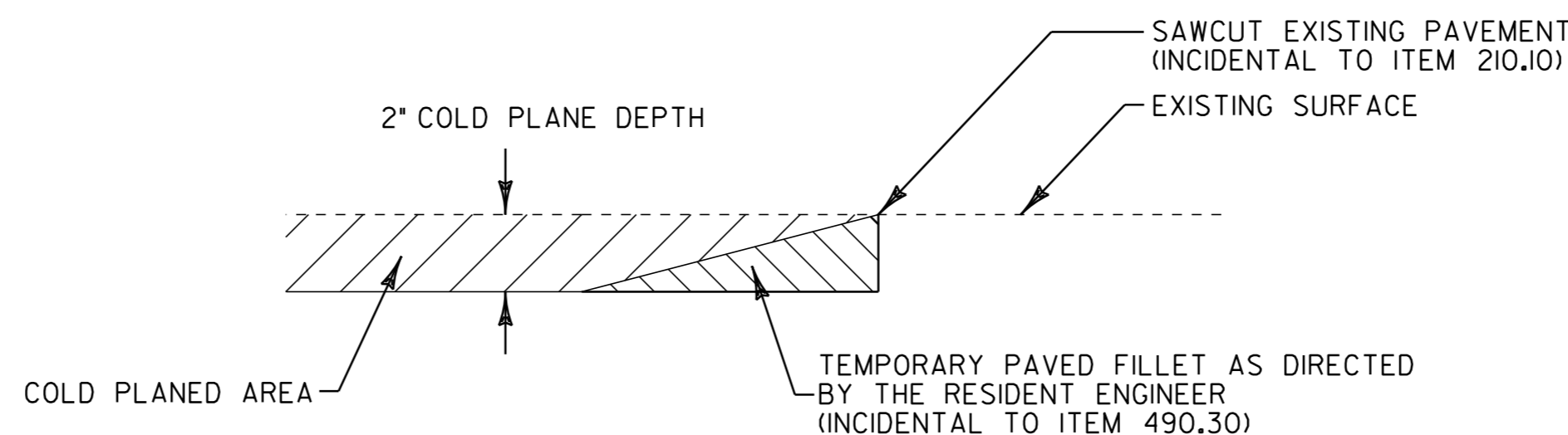
SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER:
FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS/ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA.)

AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

TEMPORARY EROSION MATTING (ITEM 653.20):
TO BE PLACED ON EARTH SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.



DETAIL AT VERTICAL COLD PLANE JOINTS

NOTE: THIS DETAIL SHALL BE USED FOR THE BEGINNING AND END OF THE PROJECT AND FOR THE SIDE ROADS LISTED BELOW AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE INCIDENTAL TO ITEM 490.30.

FULL ROADWAY WIDTH

STA. 5+01.60 (BEGIN PROJECT)
STA. 32+58.9, RT (MOONLIGHT TERRACE)
STA. 37+74.1, RT (SHERWOOD DRIVE)
STA. 46+35.84 (END PROJECT)

NOTES

- THE PAVEMENT WEARING COURSE SHALL BE 75 GYRATION SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE DETERMINED BY THE TABLE ON THE TITLE SHEET.
- 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 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
- 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 ENGINEER.
- A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II, ITEM 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III AND ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES CALLING FOR REHAB HAVE BEEN EVENLY DISTRIBUTED BETWEEN ITEMS 604.412, 604.415, AND 604.418 FOR ESTIMATING PURPOSES.
- COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL BUTT JOINT. SEE DETAIL BELOW. IF COLD PLANING 2" EXPOSES PORTLAND CEMENT CONCRETE PAVEMENT, ANY JOINTS LARGER THAN 1" SHALL BE CLEANED OUT AND FILLED WITH TYPE VS. ANY AREAS THAT EXPOSE SUBBASE SHALL BE CLEANED TO A DEPTH OF 2" AND PATCHED WITH TYPE III'S AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR THESE SITUATIONS.
- ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. 25 CUBIC YARDS OF EARTH BORROW HAVE BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THE 1-6 CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE.
- THE PROPOSED FACE OF GUARDRAIL SHALL BE INSTALLED A MINIMUM OF 14 FT FROM THE CENTER OF THE ROAD OR IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL AS DIRECTED BY THE RESIDENT ENGINEER. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS SHOWN ON SHEET 710R DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION OR SUBBASE IN DRIVE AREAS SHALL BE AS DIRECTED BY THE ENGINEER AND WILL BE PAID INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 900.675. ESTIMATED QUANTITIES OF THIS ITEM HAS BEEN INCLUDED, ASSUMING A 4' WIDTH.
- AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER, AND WILL BE PAID FOR UNDER 402.13 AGGREGATE SHOULDERS, RAP.

NOT TO SCALE



PROJECT TYPICAL SHEET

PROJECT NAME: MONTPELIER
PROJECT NUMBER: STP 2618(1)

FILE NAME: p06d114.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p06d114pts.i

PLOT DATE: 03-AUG-2011 14:11
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 67 OF 84