DESIGN DESIGNATION

ROUTE CC

A.A.D.T. - 2024 = 894

V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

ROUTE T

A.A.D.T. - 2024 = 1892
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR



CONVENTIONAL SYMBOLS

(USED IN PLANS)

| (USED IN PLANS | | NEW |
|--|------------------------------|--|
| | EXISTING | |
| BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER | 0000 0000 | •••• |
| STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES | Š | 0 |
| FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER \$\$\$RM SEWER | - FOOTVUTV OT UT UE S SS G - | - OTV - UTV - OT - - UT - |
| WATER | — W — | w |
| MANHOLE | D MAE |) |
| FIRE HYDRANT | wv C |) |
| WATER VALVE | C | € |
| WATER METER | P ^{ww} | € |
| DROP INLET | ے '' | |
| DITCH BLOCK | = | - |
| GROUND MOUNTED SIGN | S I GN | _ |
| LIGHT POLE | | |
| H-FRAME POWER POLE | | |
| TELEPHONE PEDESTAL FENCE | PED _ | 7 |
| CHAIN LINK WOVEN WIRE GATE POST BENCHMARK | —— \ —— > Вм(> | 3 |

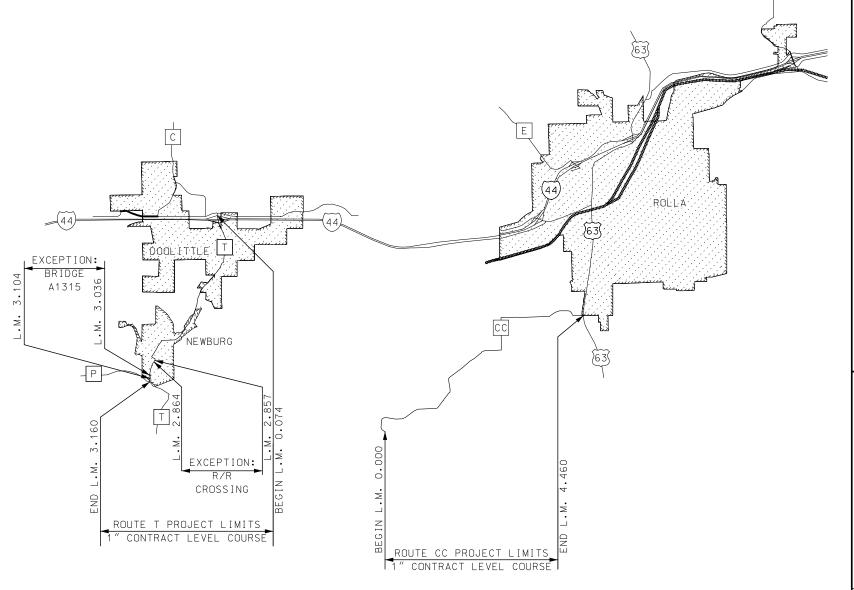
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

PHELPS COUNTY





NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

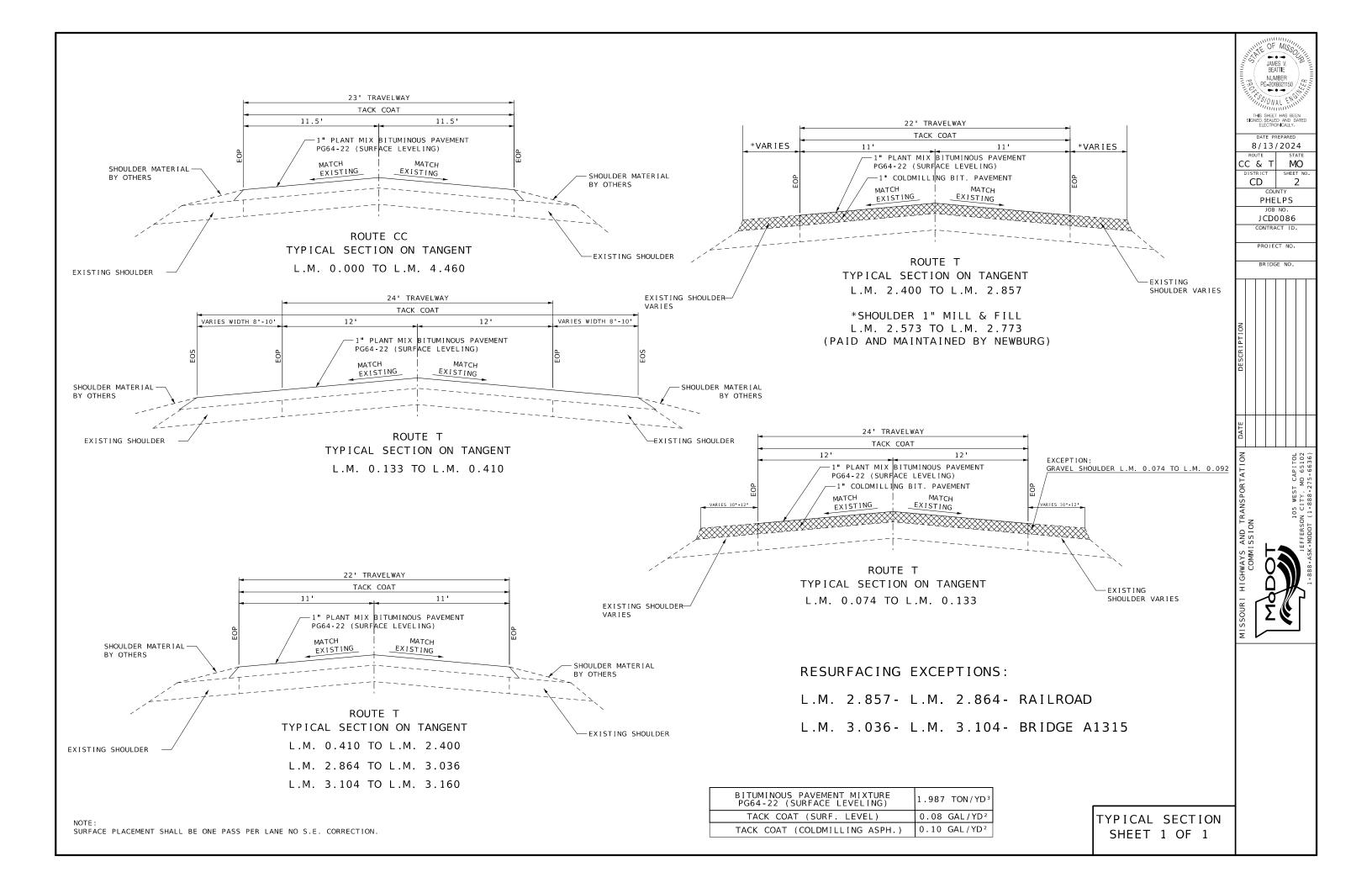
| DESCRIPTION | SHEET NUMBER |
|---------------------------------|-----------------|
| TITLE SHEET | 1 |
| TYPICAL SECTIONS (TS) (1 SHEET) | 2 |
| QUANTITIES (QU) (3 SHEETS) | 3 |
| SPECIAL SHEET (SS) | 4-10 |
| TRAFFIC CONTROL SHEETS (TC) | 11-15 |
| | |

| PROMINI | PE-20 PE-20 NU PE-20 NU NU N | MISSOLITION MISSOL | |
|---------|--|--|---|
| | 8/13 | /2024 | |
| СС | | MO STATE | |
| | TRICT | SHEET NO. | |
| | CD | 1 | |
| | | | |
| | | UNTY | |
| | PHE | ELPS | |
| | PHE | ELPS B NO. | |
| | PHE JCD | ELPS 3 NO. 0086 | _ |
| | PHE JCD | ELPS B NO. | |
| | JOE JCD CONTR | ELPS 3 NO. 0086 ACT ID. | |
| | JOE JCD CONTR | ELPS B NO. 0086 ACT ID. | |

LENGTH OF PROJECT

| LENGIH UF | PRUJECT | |
|---------------------------|-----------|-------|
| ROUTE T | | |
| BEGINNING OF PROJECT | LOG MILE | 0.074 |
| END OF PROJECT | LOG MILE | 3.160 |
| APPARENT LENGTH | 3.086 | MILES |
| EQUATIONS AND EXCEPTIONS: | -0.075 | MILES |
| R/R CROSSING | LOG MILE | 2.857 |
| | LOG MILE | 2.864 |
| | -0.007 | MILES |
| BRIDGE A1315 | LOG MILE | 3.036 |
| | LOG MILE | 3.104 |
| | -0.068 | MILES |
| ROUTE CC | | |
| BEGINNING OF PROJECT | LOG MILE | 0.000 |
| END OF PROJECT | LOG MILE | 4.460 |
| APPARENT LENGTH | 4.460 | MILES |
| EQUATIONS AND EXCEPTIONS: | | NONE |
| TOTAL CORRECTIONS | -0.075 | MILES |
| NET LENGTH OF PROJECT | 39,446.88 | FEET |
| STATE LENGTH | 7.471 | MILES |
| FOR INFORMATION ONLY | | |
| ESTIMATED DISTURBED ACRES | 0.0 | ACRES |





| | | CON | NSTRUCT I | ON SIGN | ING (VA | CONSTRUCTION SIGNING (VARIES) RTE CC | | | | | | | |
|---------------------|-------------|------------|-----------|---------|---------|--------------------------------------|--|--|--|--|--|--|--|
| | | | | TOTAL | SIGN | | | | | | | | |
| | SIZE | AREA | QTY | AREA | NUM. | | | | | | | | |
| SIGN | IN. | SQ.FT. | EACH | SQ.FT. | | | | | | | | | |
| | WARN | NG SIGNS | | • | | DESCRIPTION | | | | | | | |
| WO8 - 11 | 48X48 | 16 | 4 | 64 | 36 | UNEVEN LANES | | | | | | | |
| WO8-12 | 48X48 | 16 | 4 | 64 | 35 | NO CENTER LINE | | | | | | | |
| WO20-1 | 48X48 | 16 | 8 | 128 | 2 | ROAD WORK AHEAD | | | | | | | |
| WO20-4 | 48X48 | 16 | 4 | 64 | 7 | ONE LANE ROAD AHEAD | | | | | | | |
| WO20-7a | 48X48 | 16 | 8 | 128 | 8 | FLAGGER (SYMBOL) | | | | | | | |
| W03-4 | 48X48 | 16 | 4 | 64 | 11 | BE PREPARED TO STOP | | | | | | | |
| | GUII | DE SIGNS | | | | | | | | | | | |
| GO20-1 | 60X24 | 10 | 2 | 20 | 1 | ROAD WORK NEXT 5 MILES | | | | | | | |
| GO20-2 | 48X24 | 8 | 2 | 16 | 26 | END ROAD WORK | | | | | | | |
| GO20 - 4 | 36X18 | 4.5 | 1 | 4.5 | 53 | PILOT CAR FOLLOW ME | | | | | | | |
| GO20-4a | 18X12 | 8.75 | 4 | 35 | 58 | PILOT CAR IN USE WAIT & FOLLOW | | | | | | | |
| MISCELLANEOUS SIGNS | | | | | | | | | | | | | |
| CONST-8 | 48X36 | 12 | 2 | 24 | 59 | WORK ZONE NO PHONE ZONE | | | | | | | |
| 616.10.05 | | | | | | | | | | | | | |
| CONSTRUCTI | ON SIGNS SU | JB TOTAL 1 | | 612.00 | | | | | | | | | |

| | CONSTRUCTION SIGNING (VARIES) RTE T | | | | | | |
|------------|-------------------------------------|-----------|------|---------|------|--------------------------------|--|
| | | | | TOTAL | SIGN | | |
| | SIZE | AREA | QTY | AREA | NUM. | | |
| SIGN | IN. | SQ.FT. | EACH | SQ.FT. | | | |
| | WARN | NG SIGNS | | | | DESCRIPTION | |
| WO8 - 11 | 48X48 | 16 | 6 | 96 | 36 | UNEVEN LANES | |
| WO8 - 12 | 48X48 | 16 | 3 | 48 | 35 | NO CENTER LINE | |
| WO20-1 | 48X48 | 16 | 32 | 512 | 2 | ROAD WORK AHEAD | |
| WO20-4 | 48X48 | 16 | 4 | 64 | 7 | ONE LANE ROAD AHEAD | |
| WO20-7a | 48X48 | 16 | 32 | 512 | 8 | FLAGGER (SYMBOL, WITH FLAGS) | |
| W03-4 | 48X48 | 16 | 28 | 448 | 11 | BE PREPARED TO STOP | |
| | GUI | DE SIGNS | | | | | |
| GO20 - 1 | 60X24 | 10 | 2 | 20 | 1 | ROAD WORK NEXT 8 MILES | |
| GO20 - 2 | 48X24 | 8 | 2 | 16 | 26 | END ROAD WORK | |
| GO20 - 4 | 36X18 | 4.5 | 2 | 9 | 53 | PILOT CAR FOLLOW ME | |
| GO20 - 4a | 18X12 | 8.75 | 28 | 245 | 58 | PILOT CAR IN USE WAIT & FOLLOW | |
| | MISCELLA | NEOUS SI | GNS | | | | |
| CONST-8 | 48X36 | 12 | 2 | 24 | 59 | WORK ZONE NO PHONE ZONE | |
| 616.10.05 | - | | | | • | | |
| CONSTRUCTI | ON SIGNS SU | B TOTAL 2 | | 1994.00 | | | |

| | MODIFIED COLD MILLING (DEPTH TRANSITION) | | | | | | |
|-------|--|---------------|--------|--------|--------|----------|--------------------------------|
| LOG | LOG | | LENGTH | LENGTH | WIDTH | QUANTITY | |
| MILE | MILE | LOCATION | MILES | FT | FT | SY | REMARKS |
| 4.458 | 4.460 | ROUTE CC - WB | 0.002 | 10.00 | VARIES | 44.7 | END OF ROUTE CC @ ROUTE 63 |
| 4.458 | 4.460 | ROUTE CC - EB | 0.002 | 10.00 | VARIES | 92.1 | END OF ROUTE CC @ ROUTE 63 |
| | | | | | | | |
| 0.126 | 0.133 | ROUTE T | 0.007 | 25.00 | 50.00 | 138.9 | TRANSITION FROM 1" MILL & FILL |
| 0.409 | 0.428 | ROUTE T | 0.019 | 10.00 | VARIES | 28.2 | ROUTE US 63 BYWAY - WEST SIDE |
| 0.410 | 0.431 | ROUTE T | 0.021 | 10.00 | VARIES | 33.0 | ROUTE US 63 BYWAY - EAST SIDE |
| 2.395 | 2.400 | ROUTE T | 0.005 | 25.00 | 22.00 | 61.1 | TRANSITION TO 1 MILL & FILL |
| 2.822 | 2.851 | ROUTE T | 0.029 | 153.10 | VARIES | 65.3 | ROUTE T |
| 2.827 | 2.849 | ROUTE T | 0.022 | 10.00 | VARIES | 29.2 | WATER ST. |
| 2.827 | 2.849 | ROUTE T | 0.022 | 10.00 | VARIES | 27.3 | E 1ST ST |
| 2.864 | 2.869 | ROUTE T | 0.005 | 25.00 | VARIES | 75.0 | R/R CROSSING |
| 3.031 | 3.036 | ROUTE T | 0.005 | 25.00 | 22.00 | 61.1 | BRIDGE A1315 |
| 3.104 | 3.109 | ROUTE T | 0.005 | 25.00 | 22.00 | 61.1 | BRIDGE A1315 |
| 3.134 | 3.173 | ROUTE T | 0.039 | 25.00 | 24 | 66.7 | END OF ROUTE T |
| 3.155 | 3.160 | ROUTE T | 0.005 | 10.00 | 25.5 | 28.3 | ROUTE P |
| | | | | | | | |
| | | | | | | | |
| | | | | | TOTAL | 812.0 | |
| | | | | | USE | 812 | |

| CONSTRUCTIO | N SIGNIN | NG TOTALS |
|--------------------------|----------|--------------|
| | TOTAL | REMARKS |
| SUB TOTAL 1 | 612.00 | ROUTE CC |
| SUB TOTAL 2 | 1994.00 | ROUTE T |
| 616.10.05 | | |
| CONSTRUCTION SIGNS TOTAL | 2606.00 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| GRAVEL (A) C | OR CRUSH | ED STONE (B) |
| | | |

QUANT I TY

TONS 316.0

268.0

20.0

604.0

LENGTH

(FT)

16294.08

TOTAL

LOG

MILE MILE

0.074 0.095

LOG

0.000 4.460 23548.80

| | | | PAVEMENT | MARKING (| RTE. CC) | |
|---|----------|----------|-------------|------------|-------------|--------------------------------|
| WATERBORNE PAVEMENT MARKING - TYPE P BEADS | | | | | | |
| | | | | 4" SOLID | 4" SOLID | |
| | | | LENGTH | YELLOW | WHITE | |
| LOG MILE | LOG MILE | LOCATION | FT | LF | LF | REMARKS |
| 0.000 | 4.428 | ROUTE CC | 23379.84 | 46,759.7 | 46759.68 | BEGIN ROUTE CC - DOUBLE YELLOW |
| 4.428 | 4.460 | ROUTE CC | 168.96 | 337.9 | | END ROUTE CC - DOUBLE YELLOW |
| | | | SUB TOTAL 1 | 47098 | 46760 | |
| NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LO | | | | LOCATE BEF | ORE MILLING | OR RESURFACING. |

| | ΑI | ODITIONAL CONSTRUCTION ITEMS |
|-----------|------|--|
| ITEM NO. | QTY. | DESCRIPTION |
| 616-10.25 | 100 | CHANNELIZER (TRIM LINE) |
| 616-1098A | 2 | "CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION |
| | | INTERFACE. CONTRACTOR FURNISHED, CONTRACTOR RETAINED." |
| | | |

| COLDMI | LLING B | ITUMINOUS P | AVEMENT | FOR REMOVA | L OR RES | URFACING (3 | IN. THICK OR LESS) |
|--------|---------|-------------|---------|------------|----------|-------------|--------------------|
| | | | | | | | |
| LOG | LOG | | LENGTH | LENGTH | WIDTH | QUANTITY | |
| MILE | MILE | LOCATION | MILES | FT | FT | SY | REMARKS |
| 0.074 | 0.126 | ROUTE T | 0.052 | 274.56 | VARIES | 1078.56 | |
| 2.400 | 2.857 | ROUTE T | 0.457 | 2412.96 | 22.0 | 5898.35 | |
| | | | | | | | |
| | | | | | TOTAL | 6976.9 | |
| | | | | | USE | 6977 | |

| MOBILIZATION |
|--------------|
| 1 LUMP SUM |

SUMMARY OF QUANTITIES SHEET 1 OF 3

ROUTE CC GRAVEL ENTRANCES WITHIN OVERLAY LIMITS

ROUTE T GRAVEL ENTRANCES WITHIN OVERLAY LIMITS

ROUTE T RIGHT SHOULDER

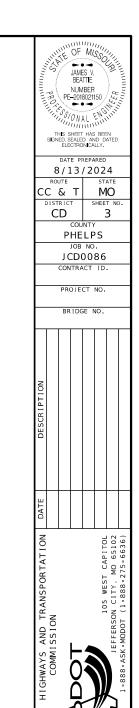
| | III. | | | | | | | |
|---|----------------|--|--|--|--|--|--|--|
| PE-201 THIS SHEET SIGNED, SEALE ELECTRO | | | | | | | | |
| DATE PREPARED 8/13/2024 | | | | | | | | |
| ROUTE | STATE | | | | | | | |
| CC & T | MO | | | | | | | |
| DISTRICT | SHEET NO. | | | | | | | |
| CD | 3 | | | | | | | |
| | NTY | | | | | | | |
| | LPS | | | | | | | |
| JOB NO. | | | | | | | | |
| 1.00 | JCD0086 | | | | | | | |
| | | | | | | | | |
| | 0086 CT ID. | | | | | | | |
| CONTRA | | | | | | | | |
| CONTRA PROJE | CT ID. | | | | | | | |
| CONTRA PROJE | CT ID. | | | | | | | |
| CONTRA PROJE | CT ID. | | | | | | | |
| CONTRA PROJE | CT ID. | | | | | | | |
| CONTRA PROJE | CT ID. | | | | | | | |



| | BITUMINOUS PAVEMENT MIXTURE PG 64-22 (SURFACE LEVELING) ROUTE CC | | | | | | | | | |
|----------|--|----------|---------------|-------------------|-----------------|--|------------------|--|--|--|
| LOG MILE | LOG MILE | LOCATION | LENGTH FT. | AVG. WIDTH FT. | AREA SQ. FT. | BITUMINOUS MIX 1.987 TON/CUYD TONS | TACK COAT GAL | REMARKS | | |
| 0.000 | 4.431 | ROUTE CC | 23395.68 | 23 | 538100.64 | 3300.02 | 4783.12 | | | |
| 4.431 | 4.460 | ROUTE CC | VARIES | VARIES | 7210.45 | 44.22 | 64.09 | INTERSECTION ROUTE CC & 63 | | |
| 0.000 | 4.460 | ROUTE CC | VARIES | VARIES | 1302.34 | 7.99 | 11.58 | PRIVATE ENTRANCES AND COUNTY ROADS | | |
| | | | | | SUB TOTAL 1 | 670.45 | 4858.79 | 20% FOR IRREGULARITIES ESTIMATE FACTOR: TACK COAT (EXIST. ASPHALT) = 0.08 GAL/SY | | |
| | | | | | JOB TOTAL I | 1022100 | 1030173 | 25 (E.1.5.1. 7.5 | | |

| | | | BITUMINOU | S PAVEMENT | MIXTURE PG (| 64-22 (SURFACE | LEVELING) | ROUTE T |
|---------|----------|----------|---------------------|--------------|--------------|----------------|-----------|--|
| | | | LENGTH | WIDTH | AREA | BITUMINOUS MIX | TACK COAT | |
| OG MILE | LOG MILE | LOCATION | FT. | WIDIH FT. | SQ. FT. | TONS | GAL | REMARKS |
| 0.074 | 0.126 | ROUTE T | 274.56 | VARIES | 9709.000 | 59.54 | 107.88 | MILL & FILL- 0.10 TACK COAT |
| 0.074 | 0.126 | ROUTE T | 36.96 | 50 | 1848.0 | 11.33 | 16.43 | MILL & FILL- 0.10 TACK COAT |
| | | ROUTE T | - | 50 | 73128.0 | 448.47 | 650.03 | ROUTE T |
| 0.133 | 0.410 | ROUTE T | 1462.56 10507.20 | 22 | 231158.4 | 1417.63 | 2054.74 | ROUTE I |
| | | ROUTE T | | 22 | | 325.56 | 589.83 | MILL & FILL- 0.10 TACK COAT |
| 2.400 | 2.857 | | 2412.96 | 22 | 53085.1 | 325.56 | 389.83 | |
| 2.857 | 2.864 | ROUTE T | 000 16 | 22 | 10070 5 | 122.52 | 177.00 | R/R CROSSING EXCEPTION |
| 2.864 | 3.036 | ROUTE T | 908.16 | 22 | 19979.5 | 122.53 | 177.60 | |
| 3.036 | 3.104 | ROUTE T | | | | | | BRIDGE A1315 EXCEPTION |
| 3.104 | 3.160 | ROUTE T | 295.68 | 22 | 6505.0 | 39.89 | 57.82 | |
| 0.409 | 0.428 | ROUTE T | 100.32 | VARIES | 3658.2 | 22.43 | 32.52 | ROUTE US 66 BYWAY - WEST SIDE |
| 0.410 | 0.431 | ROUTE T | 110.88 | VARIES | 3767.4 | 23.10 | 33.49 | ROUTE US 66 BYWAY - EAST SIDE |
| 2.827 | 2.849 | ROUTE T | 116.16 | VARIES | 1847.6 | 11.33 | 16.42 | WATER ST AND E 1ST ST |
| 2.822 | 2.851 | ROUTE T | 153.12 | VARIES | 587.8 | 3.60 | 5.22 | ROUTE T |
| 3.134 | 3.160 | ROUTE T | 137.28 | VARIES | 4314.3 | 26.46 | 38.35 | ROUTE P |
| 0.000 | 3.100 | ROUTE T | VARIES | VARIES | 2284.04 | 14.01 | 20.30 | PRIVATE ENTRANCES AND COUNTY ROADS |
| 0.000 | 3.100 | NOOTE 1 | VARTES | VARTES | 2204.04 | 14.01 | 20.30 | TRIVATE ENTRARCES AND COUNTY ROADS |
| | | | | | | 493.27 | | 20% FOR IRREGULARITIES |
| | | | | | SUB TOTAL 1 | 4022.7 | 4858.8 | |
| | | | | | SUB TOTAL 2 | 3019.2 | 3692.8 | TACK COAT (EXIST. ASPHALT) = 0.08 GAL/SY |
| | | | | | USE | 7041.9 | 8552 | TACK COAT (COLDMILLED) = 0.10 GAL/SY |

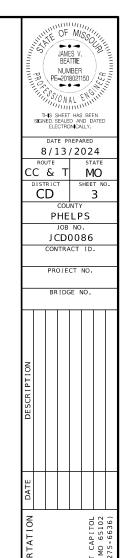
| WATE | RBORNE PAVE | MENT MARKING | - TYPE P BEADS | | | THERMOPL | ASTIC PAVEMEN | NT MARKING | |
|---------|-------------|--------------|----------------|----------|-----------|-----------|---------------|--------------|---|
| | | | | 4" SOLID | 4" SOLID | MIDBLOCKS | 24" SOLID | R/R CROSSING | |
| | | | LENGTH | YELLOW | WHITE | 30" WHITE | WHITE | MARKER | |
| OG MILE | LOG MILE | LOCATION | FT | LF | LF | EACH | LF | EACH | REMARKS |
| 0.074 | 0.197 | ROUTE T | 649.44 | 1,298.9 | 1298.88 | | | | BEGIN ROUTE T - DOUBLE YELLOW |
| 0.197 | 0.237 | ROUTE T | 211.20 | 422.4 | 211.20 | | | | DOUBLE YELLOW, SOLID WHITE RT SIDE ONLY |
| 0.237 | 0.398 | ROUTE T | 850.08 | 1,700.2 | 1,700.16 | | | | DOUBLE YELLOW |
| 0.398 | 0.428 | ROUTE T | 158.40 | 316.8 | | | | | DOUBLE YELLOW ONLY |
| 0.415 | | ROUTE T | | | | | 38.00 | | STOP BAR LOCATED ON RTE. 66 WEST/EAST |
| 0.428 | 2.391 | ROUTE T | 10364.64 | 20,729.3 | 20,729.28 | | | | DOUBLE YELLOW |
| 2.391 | 2.419 | ROUTE T | 147.84 | 295.7 | 147.84 | | | | DOUBLE YELLOW, SOLID WHITE LT ONLY |
| 2.419 | 2.856 | ROUTE T | 2307.36 | 4,614.7 | 4,614.72 | | | | DOUBLE YELLOW |
| 2.425 | | ROUTE T | | | | 5.00 | | | MIDBLOCKS |
| 2.836 | | ROUTE T | | | | | | 1.00 | R/R CROSSING |
| 2.865 | 2.866 | ROUTE T | 5.28 | 10.6 | 10.56 | | | | DOUBLE YELLOW |
| 2.875 | | ROUTE T | | | | | | 1.00 | R/R CROSSING |
| 2.865 | | ROUTE T | | | | | 24.00 | | STOP BAR |
| 2.866 | 3.160 | ROUTE T | 1552.32 | 3,104.6 | | | | | DOUBLE YELLOW ONLY |
| | | | SUBTOTAL 1 | 47098 | 46760 | | | 0 | |
| | | | SUB TOTAL 2 | 32493 | 28713 | 5 | 62 | 2 | |
| | | | USE | 79591 | 75473 | 5 | 62 | 2 | PAVEMENT MARKING TOTAL (RTE CC & T) |

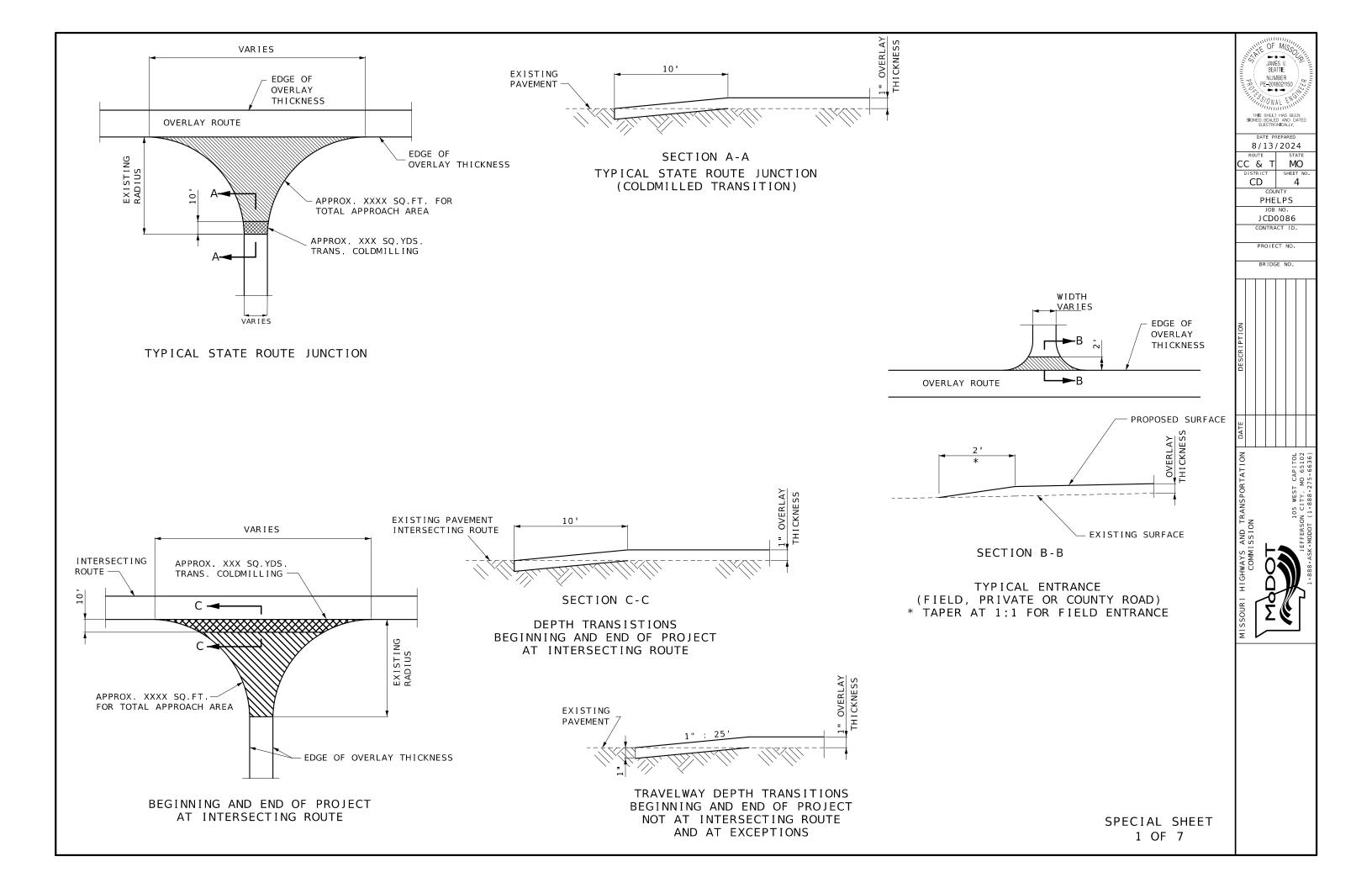


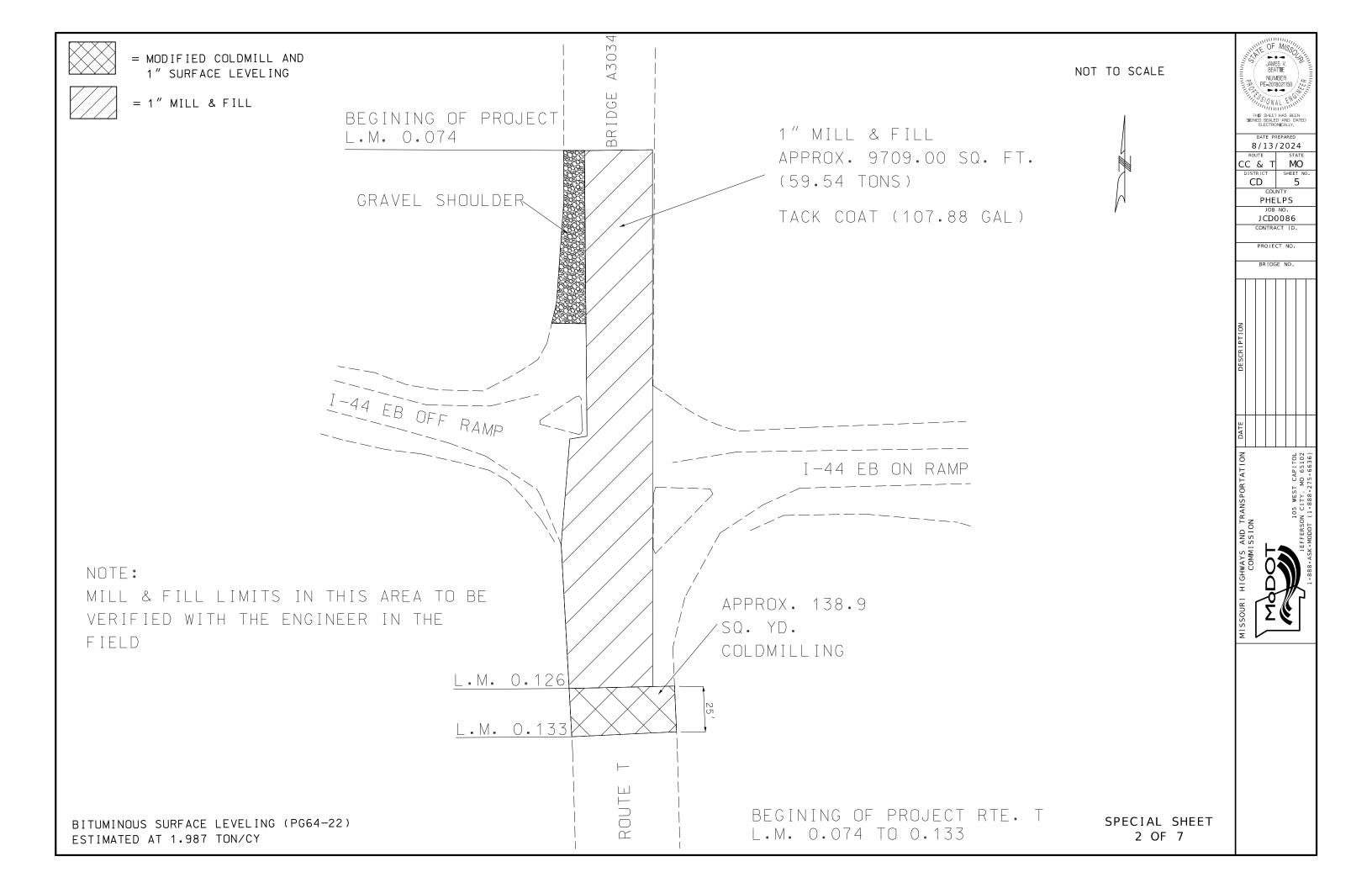
SUMMARY OF QUANTITIES
SHEET 2 OF 3

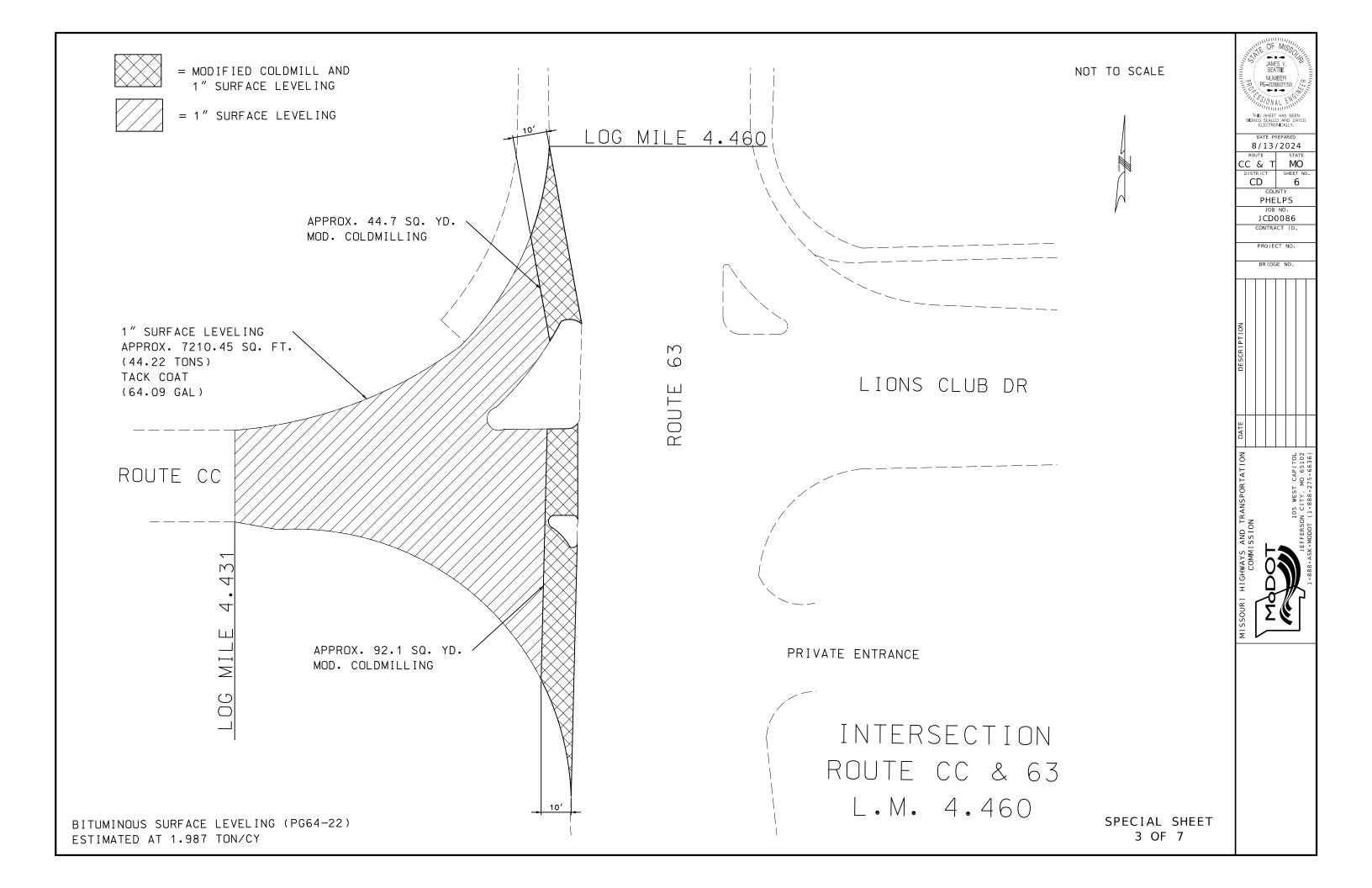
| NEWBURG - BITUMINOUS PAVEMENT MIXTURE PG 64-22 (SURFACE LEVELING) ROUTE T | | | | | | | | | |
|---|----------|--------------|---------|--------|-----------|----------------------------------|-----------|---|--|
| | | | LENGTH | WIDTH | AREA | BITUMINOUS MIX 1.987 TON/CUYD | TACK COAT | | |
| LOG MILE | LOG MILE | LOCATION | FT. | FT. | SQ FT | TONS | GAL | REMARKS | |
| 2.573 | 2.773 | ROUTE T - RT | 1056.00 | VARIES | 5090.4 | 31.22 | 56.56 | CITY MAINTAINS | |
| 2.579 | 2.773 | ROUTE T - LT | 1024.32 | VARIES | 7136.1 | 43.76 | 79.29 | CITY MAINTAINS | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | SUB TOTAL | 74.98 | 135.85 | | |
| | | | | · | USE | 75.0 | 136 | TACK COAT (EXIST. ASPHALT) = 0.1 GAL/SY | |

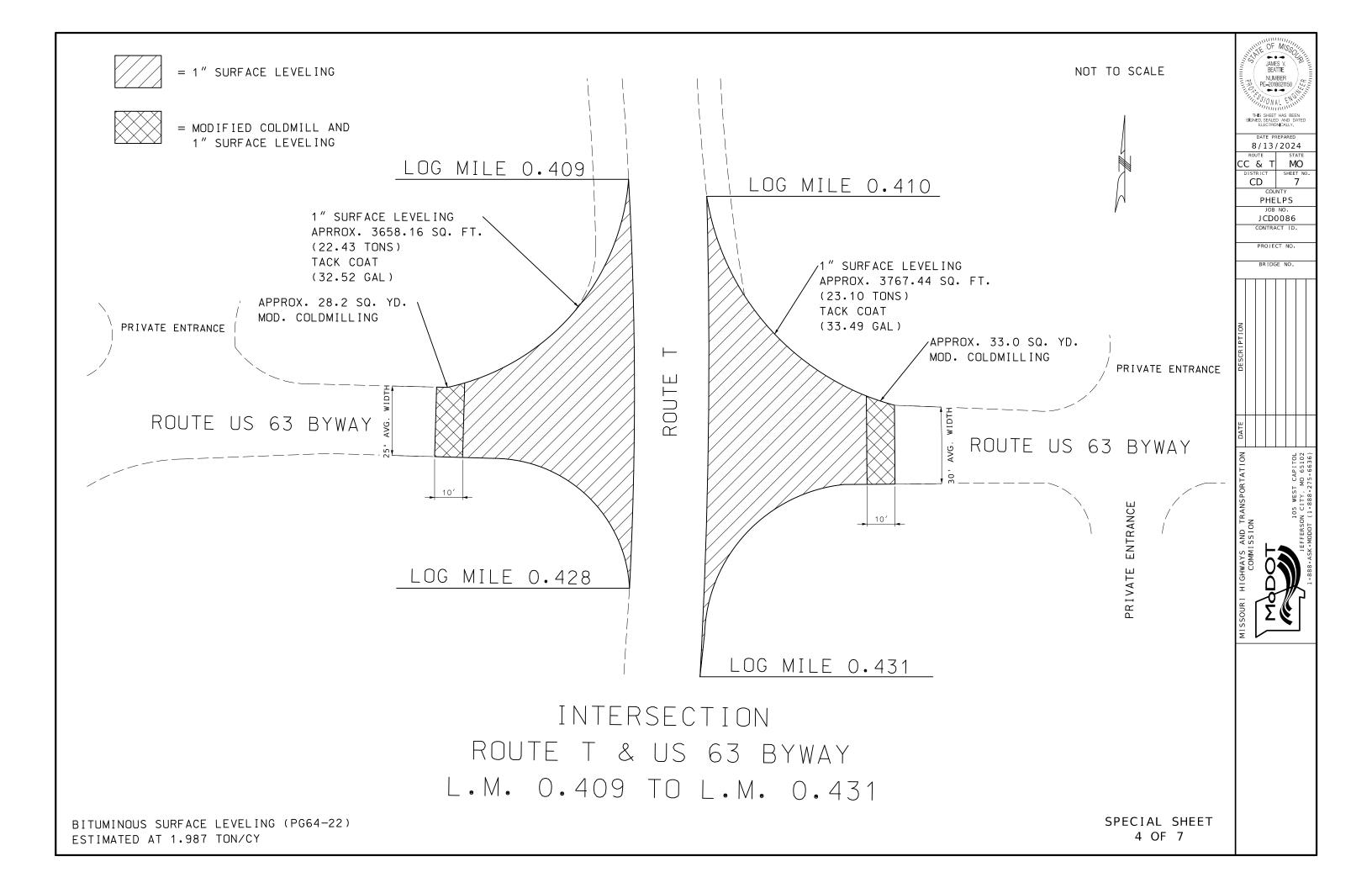
| NEWBU | NEWBURG - COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OR RESURFACING (3 IN. THICK OR LESS) | | | | | | | | |
|-------|--|--------------|--------|---------|--------------|----------------|----------------|--|--|
| LOG | LOG | | LENGTH | LENGTH | WIDTH | OUANT I TY | | | |
| MILE | MILE | LOCATION | MILES | FT | FT FT | SY | REMARKS | | |
| 2.573 | 2.773 | ROUTE T - RT | 0.200 | 1056.00 | VARIES | 565.6 | CITY MAINTAINS | | |
| 2.579 | 2.773 | ROUTE T - LT | 0.194 | 1024.32 | VARIES | 792.9 | CITY MAINTAINS | | |
| | | | | | TOTAL | 1250 5 | | | |
| - | | | | | TOTAL USF | 1358.5 1359 | | | |

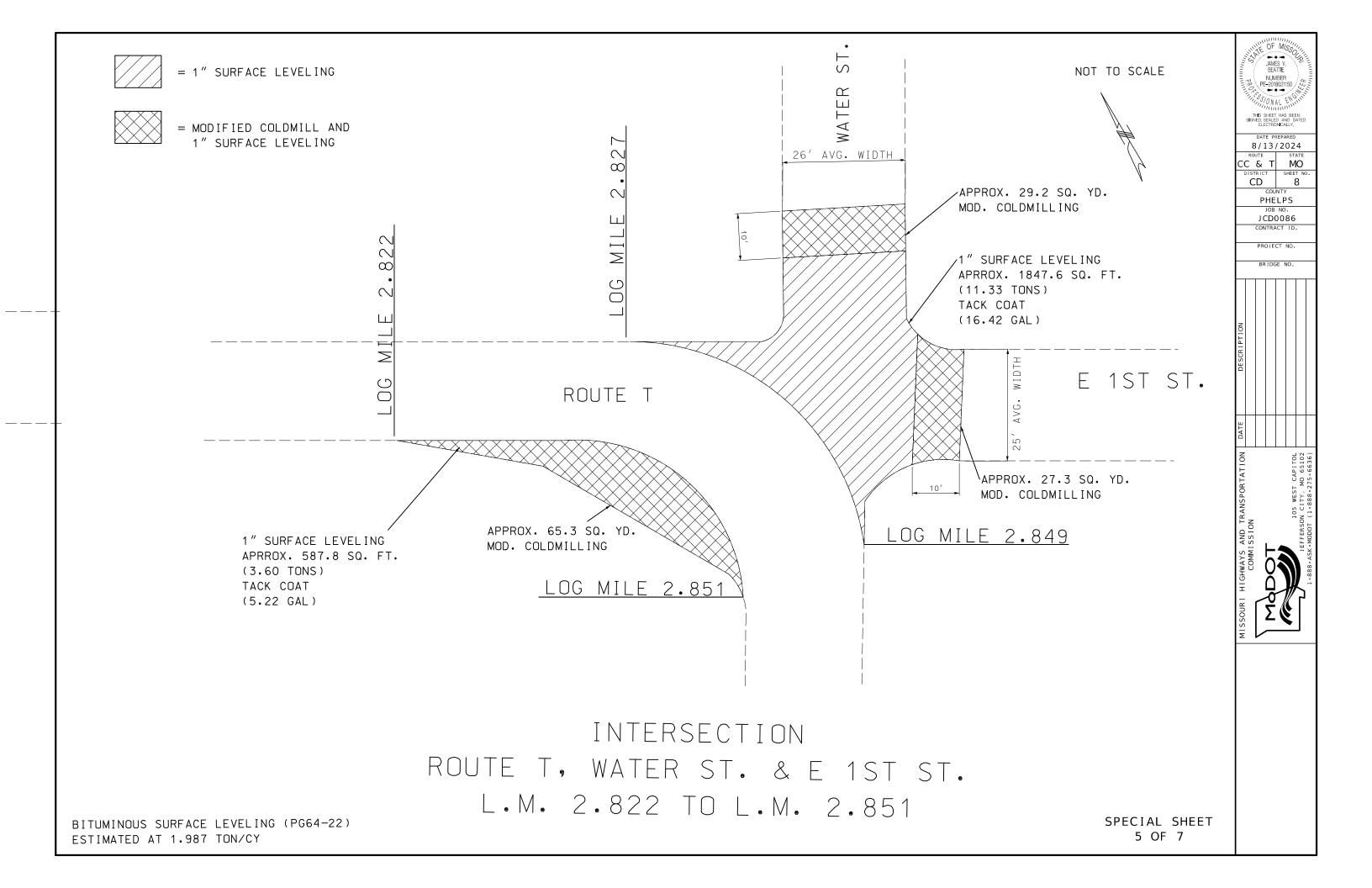


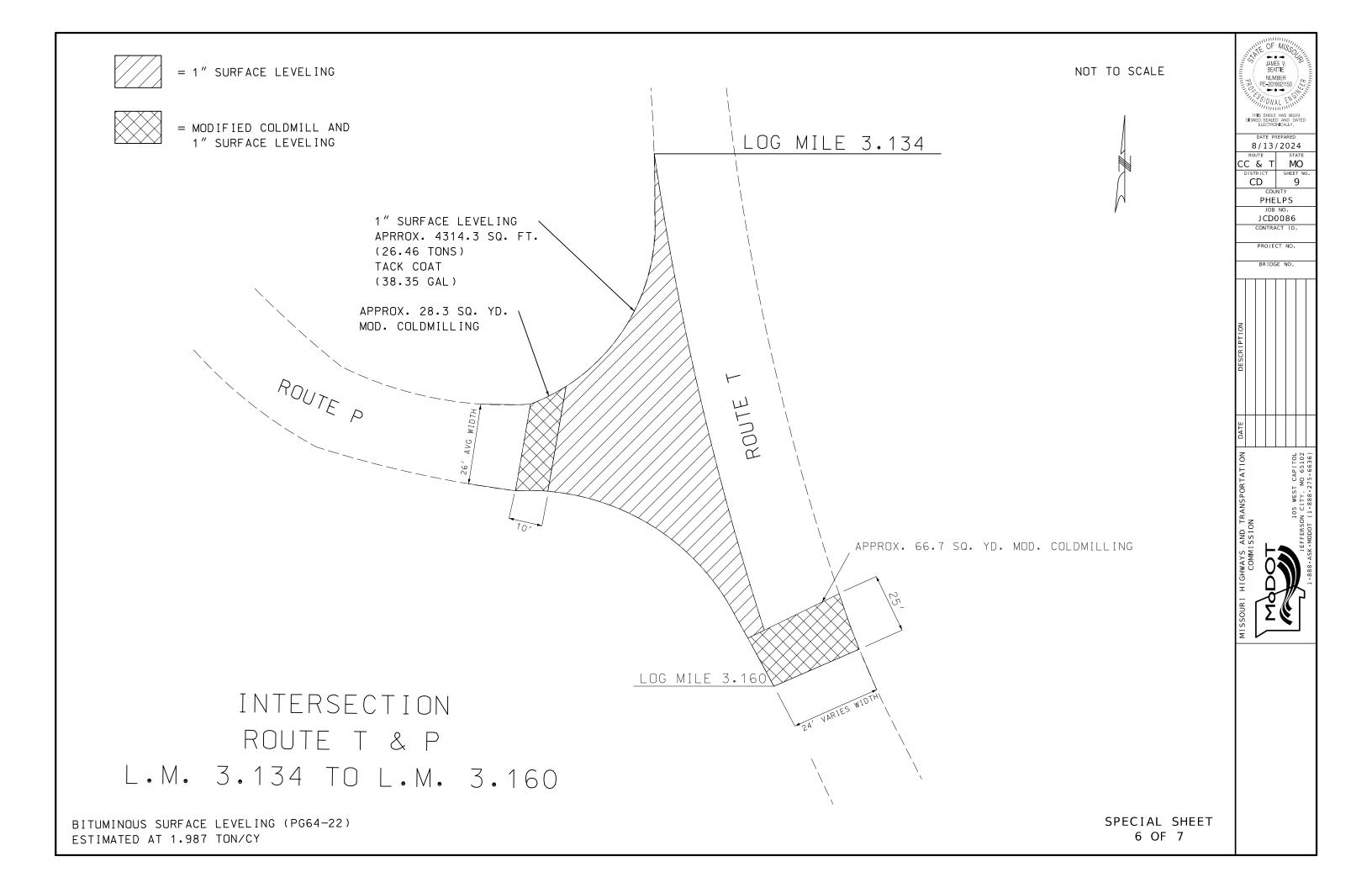


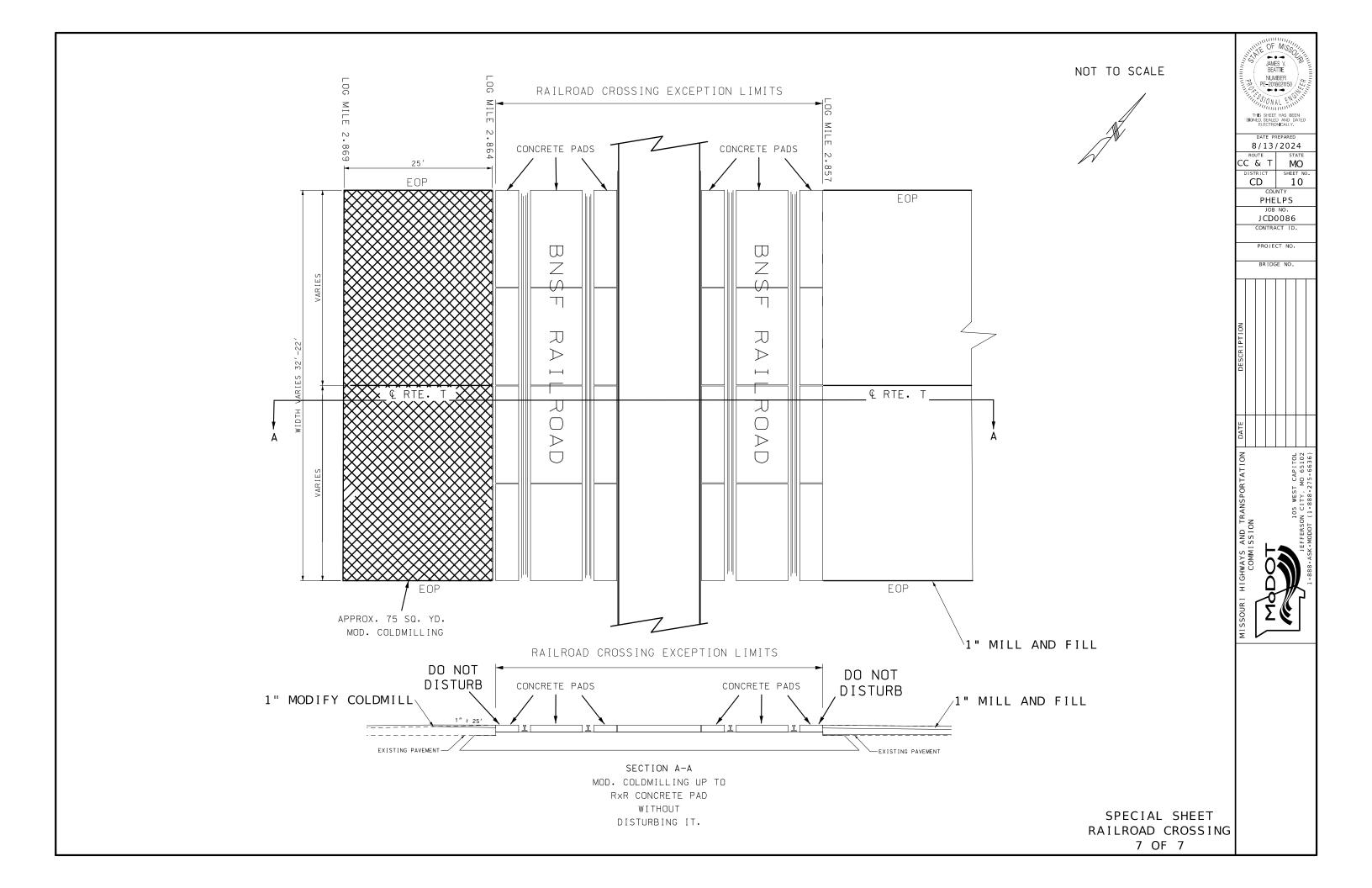


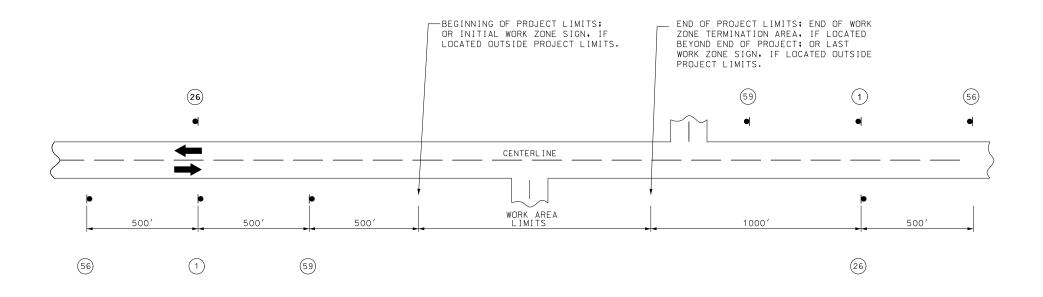












NOTES:

SIGN 1) AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

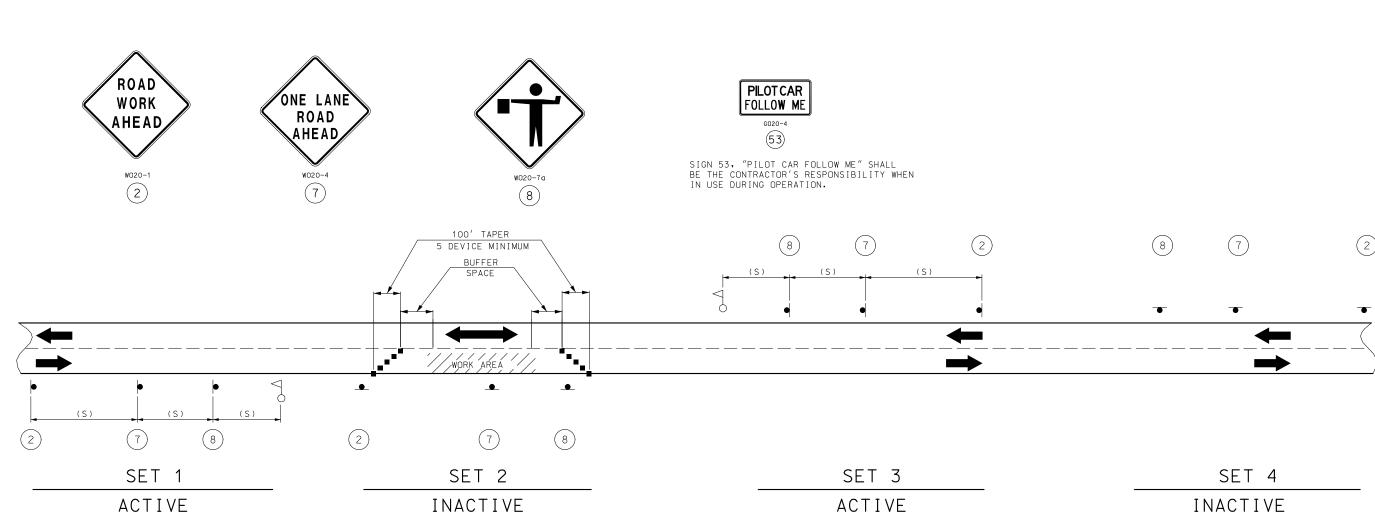
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.





JAMES V.
BEATTIE
NUMBER
PE-2018021150
JAMES V.
BEATTIE
NUMBER
NUM 8/13/2024 CC & T MO CD 11 PHELPS JOB NO.
JCD0086
CONTRACT ID. PROJECT NO. BRIDGE NO.



NOTES

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC) SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- CHANNELIZERS

- FLAGGER

| SPEED | SIGN SPACING (FT) (1) | BUFFER SPACE |
|------------------------------|--------------------------------|-----------------|
| PERMANENT POSTED (MPH) | NON-DIVIDED HIGHWAYS (S) | LENGTH (FT) |
| 0-35 | 200 | 280 |
| 40-45 | 350 | 400 |
| 50-55 | 500 | 560 |
| 60-70 | 1000 | 840 |

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

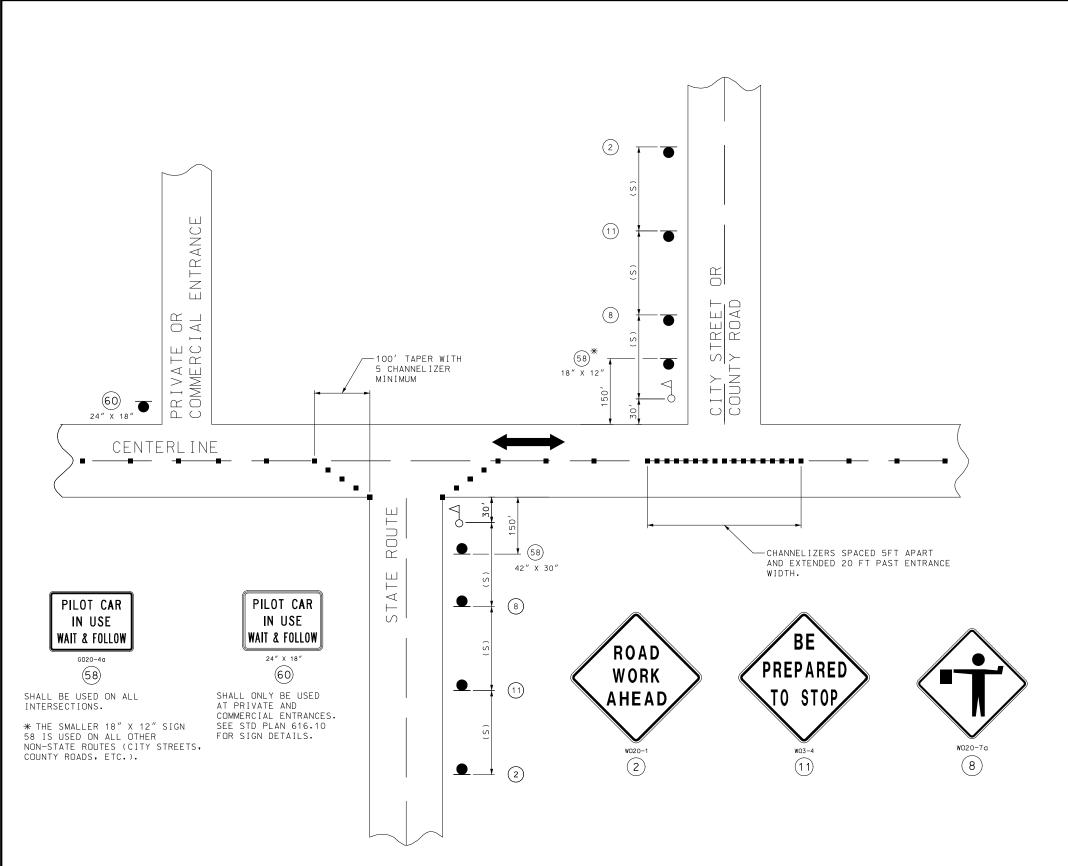
TRAFFIC CONTROL SHEET 2 OF 5 JAMES V. BEATTE NUMBER PE-2018021150 VALUE PREPARED SIGNAL STATE CC & T MO
DISTRICT SHEET NO. CD 12

COUNTY PHELPS
JOB NO.
J CD0086
CONTRACT ID.

PROJECT NO.

BRIDGE NO.





| SPEED | SIGN SPACING (FT) (1) | CHANNELIZER SPACING (FT) |
|------------------------------|--------------------------------|--------------------------------|
| PERMANENT POSTED (MPH) | NON-DIVIDED HIGHWAYS (S) | BUFFER/ WORK AREA (TYP.) |
| 0-35 | 200 | 40 |
| 40-45 | 350 | 80 |
| 50-55 | 500 | 80 |
| 60-70 | 1000 | 120 |

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

NOTES

WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- CHANNELIZERS (AS SPECIFIED)

- FLAGGER

NOT TO SCALE

JAMES V. BEATTIE NUMBER PE-2018021150

THIS SHEET HAS BEE

DATE PREPARED

8/13/2024

ROUTE
CC & T MO

DISTRICT SHEET NO.

CD 13

PHELPS
JOB NO.
JCD0086
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

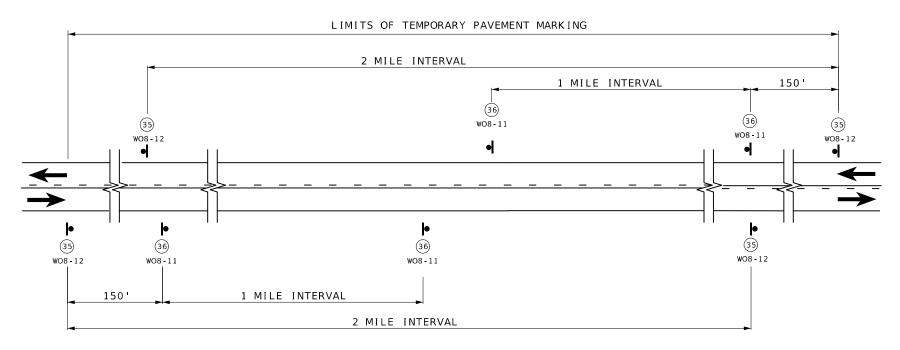
DESCRIPTION

COMMISSION
COMMISSION
COMMISSION

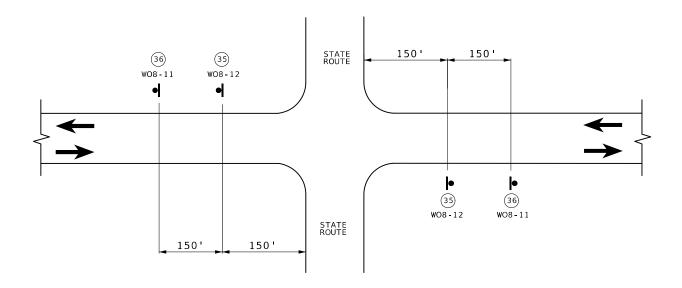
TODOT

105 WEST CAPITOL
LEFFERSON CITY, MO 6510

TRAFFIC CONTROL SHEET 3 OF 5



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE





NOTES:

SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN 35 , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

JAMES V. BEATTIE NUMBER S/ONAL E 8/13/2024 CC & T MO CD 14 PHELPS JOB NO.
JCD0086 CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 4 OF 5

