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THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN4
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2, 2-1, 2-2, 2-3
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B

\$\$\$\$SYTIME\$\$\$\$
\$\$\$\$DGN\$PE\$\$\$\$
\$\$\$\$COC\$\$\$\$

YEAR	PROJECT NO.	SHEET NO.
2024	STP/HSIP-322(22)	ROADWAY-SIGN4

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN1
SIGNATURE SHEET	ROADWAY-SIGN2
SIGNATURE SHEET	ROADWAY-SIGN3
SIGNATURE SHEET	ROADWAY-SIGN4
TITLE SHEET	1
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES	2, 2-1, 2-2, 2-3
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
TYPICAL SECTIONS.....	2B1
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E
EROSION PREVENTION AND SEDIMENT CONTROL NOTES.....	2E1
TABULATED QUANTITIES	2F
UTILITY NOTES AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL.....	4
*REFERENCE DRAWINGS.....	R1-R3

NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN NUMBERING OF SHEETS.

NO PROJECT COMMITMENTS SHEET INCLUDED IN THIS SET OF PLANS.

*PROVIDED BY THE TDOT REGION 1 TRAFFIC OFFICE

STANDARD ROADWAY DRAWINGS

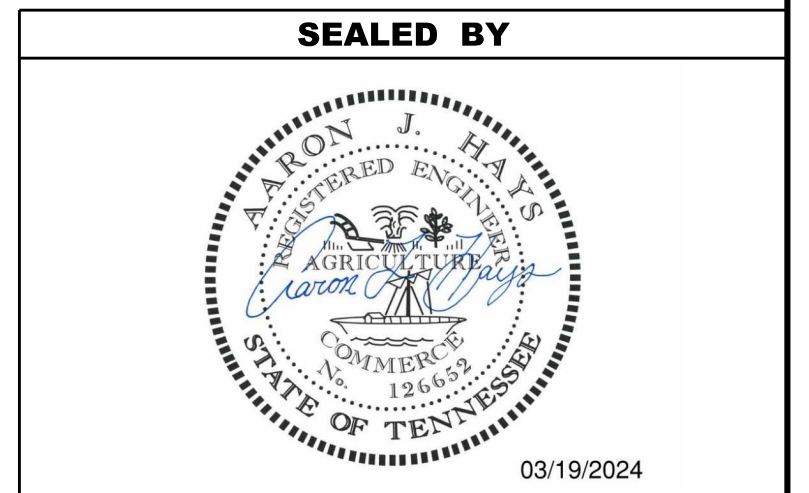
DWG.	REV.	DESCRIPTION
STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-TP-1	09-26-16	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
ROADWAY DESIGN STANDARDS		
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
SAFETY DESIGN AND GUARDRAILS		
S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-1A	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED (FOR RIGID OBJECTS)
S-PL-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
S-PL-6	06-15-21	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GR31-1	06-15-21	GUARDRAIL DETAILS
S-GRS-4	05-04-22	SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
DESIGN - TRAFFIC CONTROL		
T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-4	07-17-20	STANDARD INTERSECTION PAVEMENT MARKINGS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
EROSION PREVENTION AND SEDIMENT CONTROL		
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-3A	05-04-22	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	STP/HSIP-322(22)	1A

REV. 01/23/24 : ADDED SHEET ROADWAY-SIGN2 TO ROADWAY INDEX.

REV. 02/02/24 : ADDED SHEET ROADWAY-SIGN3 TO ROADWAY INDEX.

REV. 03/19/24 : ADDED SHEET ROADWAY-SIGN4 TO ROADWAY INDEX.



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	STP/HSIP-322(22)	2

REV. 03/19/24 : REVISED QUANTITIES FOR ITEM NUMBERS 405-01.01 AND 405-01.02.

TOTAL PROJECT ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	STP/HSIP-322(22) QUANTITY	STP/HSIP-322(22) QUANTITY	TOTAL QUANTITY
208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	22		22
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH		23	23
705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		23	23
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH		23	23
712-01	TRAFFIC CONTROL	LS	1		1
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	158		158
712-05.01	WARNING LIGHTS (TYPE A)	EACH	79		79
712-06	SIGNS (CONSTRUCTION)	S.F.	706		706
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	370	326	696
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	370		370
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		150	150
716-03.07	PLASTIC WORD PAVEMENT MARKING (STOP)	EACH		2	2
716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.		1155	1155
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	17		17
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	43		43
717-01	MOBILIZATION	LS	1		1
	ALTERNATE AA1				
307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON	1334		1334
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	102		102
411-03.12	ACS MIX(PG64-22) THIN LIFT D ASPHALT	TON	6671		6671
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	567		567
	ALTERNATE AA2				
403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	20		20
405-01.01	BITUMINOUS MATERIAL (BSC)	TON	216		216
405-01.02	MINERAL AGGREGATE (BSC)	TON	1715		1715
414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	269		269
414-03.02	AGGREGATE FOR MICRO SURFACING	TON	2243		2243
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	43		43

SEE SHEET 2-1, 2-2, AND 2-3 INDIVIDUAL COUNTY QUANTITIES.

SEE SHEET 2-1, 2-2, AND 2-3 FOR FOOTNOTES

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03/19/2024

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

SHEET 1 OF 4

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	STP/HSIP-322(22)	2-1

REV. 01/23/24 ; RENUMBERED FOOTNOTES 13 THROUGH 15. ADDED ITEM NUMBERS 712-01 AND 717-01 TO ESTIMATE.

REV. 03/19/24 ; REVISED QUANTITIES FOR ITEM NUMBERS 405-01.01 AND 405-01.02.

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	STP/HSIP-322(22)	STP/HSIP-322(22)	ROANE SR-322
			QUANTITY 73S322-F8-002	QUANTITY 73S322-F3-002	TOTAL QUANTITY
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	12	12
(1)(2)	705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH		2
(2)(3)	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		2
(2)	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH		2
	712-01	TRAFFIC CONTROL	LS	0.34	0.34
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	86	86
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	43	43
(4)	712-06	SIGNS (CONSTRUCTION)	S.F.	310	310
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BL-DIR) (1 COLOR)	EACH	370	23
(5)(6)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	370	370
(7)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		80
(7)	716-03.07	PLASTIC WORD PAVEMENT MARKING (STOP)	EACH		2
(15)(7)	716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.		775
(8)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	10	10
	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	24	24
	717-01	MOBILIZATION	LS	0.34	0.34
		ALTERNATE AA1			
(9)	307-01.15	ASC MX (PG64-22) (BPMLC-HM) GRADING CS	TON	715	715
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	55	55
(10)	411-03.12	ACS MX(PG64-22) THIN LIFT D ASPHALT	TON	3576	3576
(11)	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	548	548
		ALTERNATE AA2			
(12)	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	11	11
(13)	405-01.01	BITUMINOUS MATERIAL (BSC)	TON	116	116
(13)	405-01.02	MINERAL AGGREGATE (BSC)	TON	922	922
	414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	149	149
	414-03.02	AGGREGATE FOR MICRO SURFACING	TON	1241	1241
(14)	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	24	24

SEE SHEET 2 FOR TOTAL PROJECT QUANTITIES.

FOOTNOTES

- (1) COST INCLUDES THE LENGTH NECESSARY TO TRANSITION FROM EXISTING HEIGHT OF GUARDRAIL TO 31 INCHES.
- (2) SEE SHEET 2F FOR PROPOSED GUARDRAIL (RESURFACING) TABULATION. INCLUDES THE THE COST OF REMOVAL OF THE EXISTING END TERMINALS.
- (3) INCLUDES ALL MATERIAL NECESSARY FOR THE CONSTRUCTION OF THE PAD AND ANY NECESSARY EPSC MEASURES.
- (4) SEE SHEET 2F FOR SIGN TABULATED QUANTITIES. THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (5) ANY DAMAGE OCCURRED DURING REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE TDOT OPERATIONS DISTRICT ENGINEER.
- (6) TO BE USED FOR ROANE COUNTY SEQUENCE 1 (L.M. 0.00 TO L.M. 5.62).
- (7) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (8) TO BE USED FOR TEMPORARY STRIPING DURING PLACEMENT OF SPOT LEVELING ONLY. NO PAYMENT WILL BE MADE FOR TEMPORARY STRIPING DURING PLACEMENT OF THE FINAL SURFACE (ON EITHER EXISTING SURFACE OR FINAL) COURSE DUE TO THE CONTRACTOR'S METHODS OF CONSTRUCTION.
- (9) TO BE USED FOR SPOT LEVELING. SPOT LEVELING TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
- (10) INCLUDES 78 TONS FOR COUNTY ROADS. BUSINESS ENTRANCES AND PRIVATE DRIVES ARE TO BE TIED-IN AS NEEDED OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (11) INCLUDES 17 S.Y. FOR TRANSITION AT THE BEGINNING OF PROJECT LIMITS, 456 S.Y. FOR ALONG THE BRIDGES, AND 75 S.Y. FOR BRIDGE END TRANSITIONS.
- (12) NO PAYMENT WILL BE MADE DIRECTLY FOR THE WATER REQUIRED TO DILUTE THE TACK COAT.
- (13) INCLUDES QUANTITY TO BE USED ALONG EDGE OF PAVED SHOULDER WHILE MAKING LANE SHIFTS DURING THE COURSE OF CONSTRUCTION IN ORDER TO REDUCE RUTTING ALONG EDGE OF SHOULDER.
- (14) INCLUDES THE COST ASSOCIATED WITH REMOVAL OF EXISTING SPECIALTY MARKINGS WHERE MICRO-SURFACE IS TO BE PLACED.
- (15) SEE SHEET 2F FOR THE OPEN FRONTAGE TABULATED QUANTITIES. TO BE USED IN LOCATIONS SHOWN OR AS DIRECTED BY THE REGION'S TRAFFIC OFFICE. ADDITIONAL INFORMATION WILL BE PROVIDED DURING THE PRE-CONSTRUCTION MEETING.

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03/19/2024

ROANE SR-322

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**ESTIMATED
ROADWAY
QUANTITIES**

SHEET 2 OF 4

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	STP/HSIP-322(22)	2-2

REV. 01/23/24 : RENUMBERED FOOTNOTES 11A THROUGH 13A. ADDED ITEM NUMBERS 712-01 AND 717-01 TO ESTIMATE.

REV. 03/19/24 : REVISED QUANTITIES FOR ITEM NUMBERS 405-01.01 AND 405-01.02.

ESTIMATED ROADWAY QUANTITIES

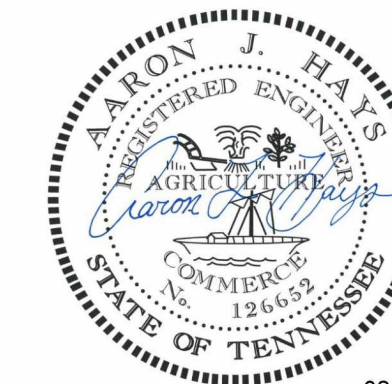
ITEM NO.	DESCRIPTION	UNIT	STP/HSIP-322(22)		LOUDON SR-322
			QUANTITY 53S322-F8-002	QUANTITY 53S322-F3-002	
	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	8	8
(1A)(2A)	705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH		21
(2A)(3A)	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH		21
(2A)	705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH		21
	712-01	TRAFFIC CONTROL	LS	0.33	0.33
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	58	58
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	29	29
(4A)	712-06	SIGNS (CONSTRUCTION)	S.F.	278	278
	716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (B+DIR) (1 COLOR)	EACH		260
(5A)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		70
(5A)(13A)	716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.		380
(6A)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	6	6
	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	16	16
	717-01	MOBILIZATION	LS	0.33	0.33
		ALTERNATE AA1			
(7A)	307-01.15	ASC MX (PG64-22) (BPMLC-HM) GRADING CS	TON	534	534
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	41	41
(8A)	411-03.12	ACS MX(PG64-22) THIN LIFT D ASPHALT	TON	2672	2672
(9A)	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	19	19
		ALTERNATE AA2			
(10A)	403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	8	8
(11A)	405-01.01	BITUMINOUS MATERIAL (BSC)	TON	86	86
(11A)	405-01.02	MINERAL AGGREGATE (BSC)	TON	685	685
	414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	103	103
	414-03.02	AGGREGATE FOR MICRO SURFACING	TON	856	856
(12A)	716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	16	16

SEE SHEET 2 FOR TOTAL PROJECT QUANTITIES.

FOOTNOTES

- (1A) COST INCLUDES THE LENGTH NECESSARY TO TRANSITION FROM EXISTING HEIGHT OF GUARDRAIL TO 31 INCHES.
- (2A) SEE SHEET 2F FOR PROPOSED GUARDRAIL (RESURFACING) TABULATION. INCLUDES THE THE COST OF REMOVAL OF THE EXISTING END TERMINALS.
- (3A) INCLUDES ALL MATERIAL NECESSARY FOR THE CONSTRUCTION OF THE PAD AND ANY NECESSARY EPSC MEASURES.
- (4A) SEE SHEET 2F FOR SIGN TABULATED QUANTITIES. THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (5A) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (6A) TO BE USED FOR TEMPORARY STRIPING DURING PLACEMENT OF SPOT LEVELING ONLY. NO PAYMENT WILL BE MADE FOR TEMPORARY STRIPING DURING PLACEMENT OF THE FINAL SURFACE (ON EITHER EXISTING SURFACE OR FINAL) COURSE DUE TO THE CONTRACTOR'S METHODS OF CONSTRUCTION.
- (7A) TO BE USED FOR SPOT LEVELING. SPOT LEVELING TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
- (8A) INCLUDES 72 TONS FOR COUNTY ROADS. BUSINESS ENTRANCES AND PRIVATE DRIVES ARE TO BE TIED-IN AS NEEDED OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (9A) INCLUDES 19 S.Y. FOR TRANSITION AT THE END OF PROJECT LIMITS.
- (10A) NO PAYMENT WILL BE MADE DIRECTLY FOR THE WATER REQUIRED TO DILUTE THE TACK COAT.
- (11A) INCLUDES QUANTITY TO BE USED ALONG EDGE OF PAVED SHOULDER WHILE MAKING LANE SHIFTS DURING THE COURSE OF CONSTRUCTION IN ORDER TO REDUCE RUTTING ALONG EDGE OF SHOULDER.
- (12A) INCLUDES THE COST ASSOCIATED WITH REMOVAL OF EXISTING SPECIALTY MARKINGS WHERE MICRO-SURFACE IS TO BE PLACED.
- (13A) SEE SHEET 2F FOR THE OPEN FRONTAGE TABULATED QUANTITIES. TO BE USED IN LOCATIONS SHOWN OR AS DIRECTED BY THE REGION'S TRAFFIC OFFICE. ADDITIONAL INFORMATION WILL BE PROVIDED DURING THE PRE-CONSTRUCTION MEETING.

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LOUDON SR-322

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	STP/HSIP-322(22)	2-3

REV. 01/23/24 : ADDED ITEM NUMBERS 712-01 AND 717-01 TO ESTIMATE.

REV. 03/19/24 : REVISED QUANTITIES FOR ITEM NUMBERS 405-01.01 AND 405-01.02.

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	STP/HSIP-322(22)	STP/HSIP-322(22)	MONROE SR-322
			QUANTITY 62S322-F8-003	QUANTITY 62S322-F3-003	TOTAL QUANTITY
208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	2		2
712-01	TRAFFIC CONTROL	LS	0.33		0.33
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	14		14
712-05.01	WARNING LIGHTS (TYPE A)	EACH	7		7
(1B) 712-06	SIGNS (CONSTRUCTION)	S.F.	118		118
716-01.21	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH		43	43
(2B) 716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	1		1
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	3		3
717-01	MOBILIZATION	LS	0.33		0.33
	ALTERNATE AA1				
(3B) 307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON	85		85
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	6		6
(4B) 411-03.12	ACS MX(PG64-22) THIN LIFT D ASPHALT	TON	423		423
	ALTERNATE AA2				
(5B) 403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (MICRO-SURFACING)	TON	1		1
(6B) 405-01.01	BITUMINOUS MATERIAL (BSC)	TON	14		14
(6B) 405-01.02	MINERAL AGGREGATE (BSC)	TON	108		108
414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING	TON	18		18
414-03.02	AGGREGATE FOR MICRO SURFACING	TON	146		146
(7B) 716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	3		3

FOOTNOTES

- (1B) SEE SHEET 2F FOR SIGN TABULATED QUANTITIES. THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (2B) TO BE USED FOR TEMPORARY STRIPING DURING PLACEMENT OF SPOT LEVELING ONLY. NO PAYMENT WILL BE MADE FOR TEMPORARY STRIPING DURING PLACEMENT OF THE FINAL SURFACE (ON EITHER EXISTING SURFACE OR FINAL) COURSE DUE TO THE CONTRACTOR'S METHODS OF CONSTRUCTION.
- (3B) TO BE USED FOR SPOT LEVELING. SPOT LEVELING TO BE USED ONLY TO CORRECT DEFICIENCIES ON EXISTING PAVEMENT AND IS NOT TO BE COMBINED WITH OTHER COURSES.
- (4B) INCLUDES 12 TONS FOR COUNTY ROADS. BUSINESS ENTRANCES AND PRIVATE DRIVES ARE TO BE TIED-IN AS NEEDED OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.
- (5B) NO PAYMENT WILL BE MADE DIRECTLY FOR THE WATER REQUIRED TO DILUTE THE TACK COAT.
- (6B) INCLUDES QUANTITY TO BE USED ALONG EDGE OF PAVED SHOULDER WHILE MAKING LANE SHIFTS DURING THE COURSE OF CONSTRUCTION IN ORDER TO REDUCE RUTTING ALONG EDGE OF SHOULDER.
- (7B) INCLUDES THE COST ASSOCIATED WITH REMOVAL OF EXISTING SPECIALTY MARKINGS WHERE MICRO-SURFACE IS TO BE PLACED.

SEE SHEET 2 FOR TOTAL PROJECT QUANTITIES.

SEALED BY



MONROE SR-322

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

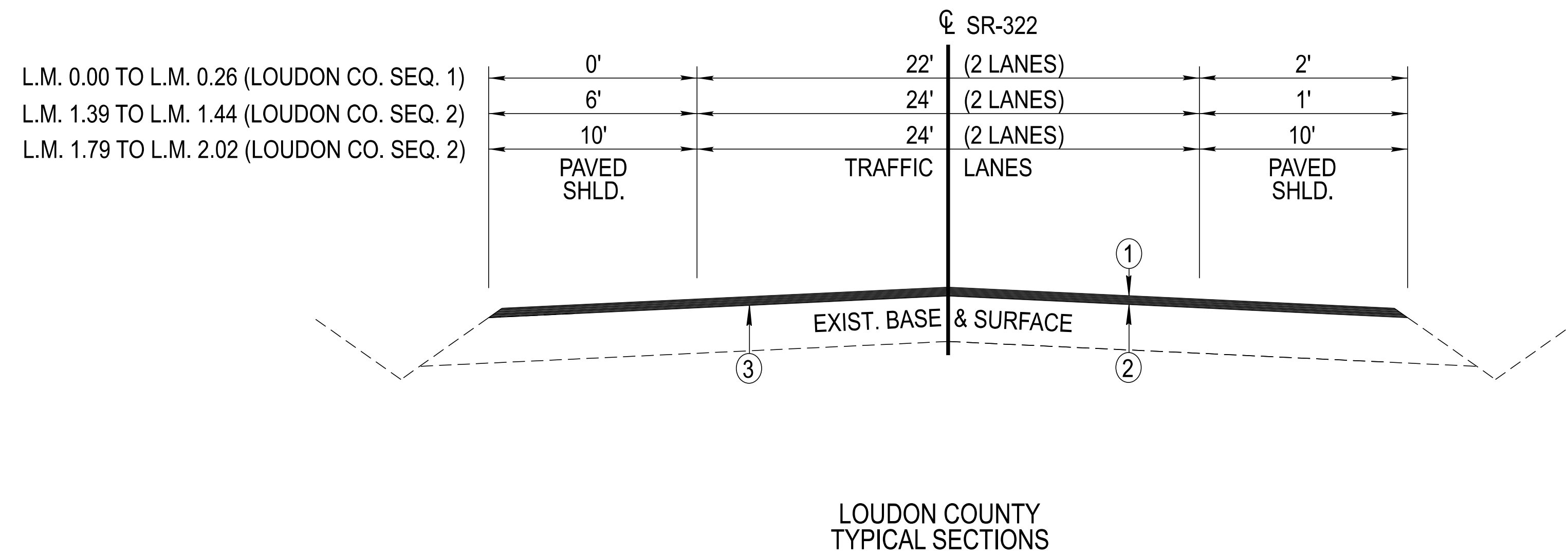
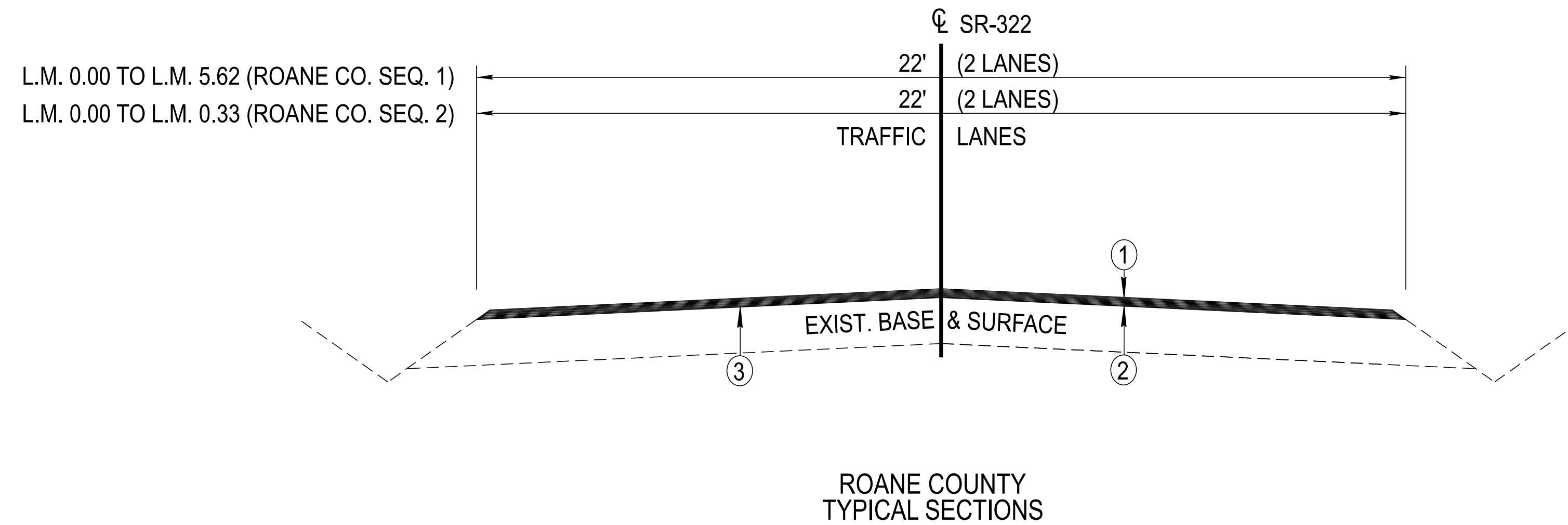
ESTIMATED
ROADWAY
QUANTITIES

SHEET 4 OF 4

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2024	STP/HSIP-322(22)	2B

REV. 01/23/24 : REVISED BRIDGE NOTES UNDER ALTERNATE AA1 PAVEMENT SCHEDULE. REVISED DESCRIPTIONS FOR ALTERNATE AA2 PAVEMENT SCHEDULE.

REV. 03/19/24 : REVISED APPLICATION RATES FOR ITEMS 405-01.01 AND 405-01.02 IN ALTERNATE AA2 PAVEMENT SCHEDULE.



ALTERNATE AA1	
PROPOSED PAVEMENT SCHEDULE	
①	THIN LIFT ASPHALT (HM) 3/4" (APPROX. 85 LBS/SY) ITEM NO. 411-03.12 ACS MIX (PG64-22) THIN LIFT D ASPHALT
②	TACK COAT (TC) (APPROX. 0.15 GAL/SY) ITEM NO. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
③	BITUMINOUS PLANT MIX BASE (HM) (SPOT LEVELING) ITEM NO. 307-01.15 ACS MIX (PG64-22) (BPMLC-HM) GRADING CS
COLD PLANING 3/4" TH. (APPROX. 78.8 LBS/SY) ITEM NO. 415-01.02 COLD PLANING BITUMINOUS PAVEMENT	

BRIDGE NOTES:
BRIDGE OVER WEST FORK CREEK (L.M. 2.03, ROANE CO. SEQ. 1) AND BRIDGE OVER PAINT ROCK CREEK (L.M. 2.98, ROANE CO. SEQ. 1) IS TO BE COLD PLANED 3/4" AND PAVED WITH 3/4" 411-03.12 ACS MIX (PG64-22) THIN LIFT "D" ASPHALT.

BRIDGE OVER BRANCH (L.M. 4.80, ROANE CO. SEQ. 1) IS TO BE PAVED WITH 3/4" 411-03.12 ACS MIX (PG64-22) THIN LIFT "D" ASPHALT.

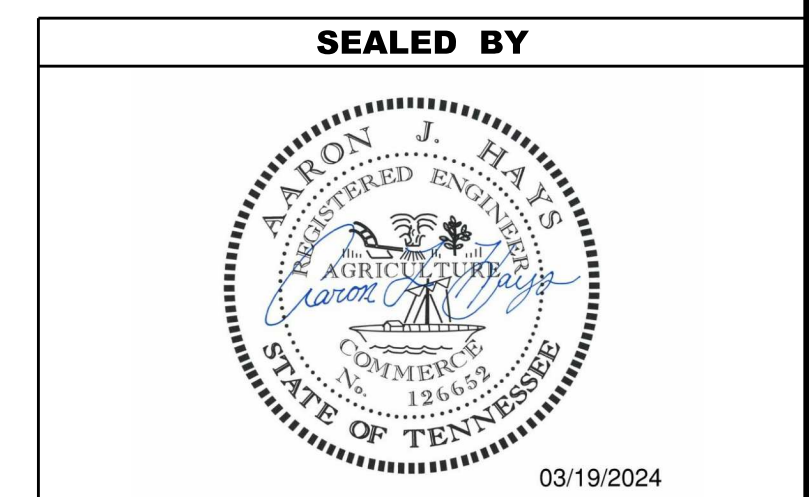
BRIDGE OVER GREASY CREEK (L.M. 3.27, LOUDON CO. SEQ. 2) IS TO BE PAVED WITH 3/4" 411-03.12 ACS MIX (PG64-22) THIN LIFT "D" ASPHALT.

ALTERNATE AA2	
PROPOSED PAVEMENT SCHEDULE	
①	MICRO-SURFACING (APPROX. 32 LBS/SY) ITEM NO. 414-03.01 EMULSIFIED ASPHALT FOR MICRO-SURFACING @ 12% OF THE DRY WEIGHT OF AGGREGATE ITEM NO. 414-03.02 AGGREGATE FOR MICRO-SURFACING @ 32 LBS/SY
②	TACK COAT (TC) ITEM NO. 403-01.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (MICRO-SURFACING) (APPROX. 0.10 - 0.15 GAL/SY) OF DILUTED EMULSION)
③	BITUMINOUS SEAL COAT (CHIP SEAL) 405-01.01 BITUMINOUS MATERIAL (BSC) @ 0.35 GAL/SY, TON 405-01.02 MINERAL AGGREGATE (BSC) @ 24 LBS/SY, TON

BRIDGE NOTES:
BRIDGE OVER WEST FORK CREEK (L.M. 2.03, ROANE CO. SEQ. 1) AND BRIDGE OVER PAINT ROCK CREEK (L.M. 2.98, ROANE CO. SEQ. 1) ARE TO BE PAVED WITH MICRO-SURFACING @ 32 LBS/SY.

BRIDGE OVER BRANCH (L.M. 4.80, ROANE CO. SEQ. 1) IS TO BE PAVED WITH MICRO-SURFACING @ 32 LBS/SY.

BRIDGE OVER GREASY CREEK (L.M. 3.27, LOUDON CO. SEQ. 2) IS TO BE PAVED WITH MICRO-SURFACING @ 32 LBS/SY.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE