ARKANSAS DEPARTMENT OF TRANSPORTATION CONSTRUCTION PLANS DISTRICTS 1 & 2 BRIDGE PRESERVATION (2023) (S) VARIOUS COUNTIES JOB 012443 FED. AID PROJ. BFP-0076(305)

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LENGTH CALCULATED ALONG C.L. BRIDGES NET LENGTH OF ROADWAY 00000.00 FEET 0.000 MILES NET LENGTH OF BRIDGES 26422.75 FEET 5.004 MILES NET LENGTH OF PROJECT 26422.75 FEET 5.004 MILES

DISTRICT I

NOT TO SCALE

NOTES:

- 1. BRIDGE DATA IS ON PLAN SHEET 2.
- 2. REFER TO SPECIAL DETAILS FOR INSET ENLARGEMENTS AT BRIDGE LOCATIONS.







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BRIDGE DATA

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|--------|--|----------|
| PM-1 | PAVEMENT MARKING DETAILS | 02-27-20 |
| TC-1 | STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION | 11-07-19 |
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ARKANSAS LICENSED PROFESSIONAL ENGINEER No.9678

G.NO.

INDEX OF SHEETS AND STANDARD DRAWINGS

GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING U.S. MAILBOXES WITHIN THE PROJECT LIMITS IN SUCH A MANNER THAT THE PUBLIC MAY RECEIVE CONTINUED MAIL SERVICE. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.
- 2. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- 3. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL BE RESPONSIBLE FOR PROVIDING A FENCE TO CONTROL AND CONTAINED LIVESTOCK IF FENCING OF PASTURES IS SEVERED.
- ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED IF AND 4. WHERE DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO ENSURE THAT ALL TREES SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- 5. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO MODIFY THEIR SCHEDULE, DURING WORK, WHEN SPECIAL EVENTS OR OCCURRENCES MAY CAUSE TRAFFIC TO BECOME CONGESTED.
- ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE 6. PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
- 7. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT, AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE IF AND WHERE DIRECTED BY THE ENGINEER.
- 8. BRIDGE PRESERVATION PROJECTS AND PAVEMENT PRESERVATION PROJECTS ARE ONGOING SIMULTANEOUSLY IN ALL DISTRICTS IN ARKANSAS. THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE AND PRIORITIZE BRIDGE REHABILITATION IF AND WHERE DIRECTED BY THE ENGINEER IN THE DISTRICT IN ORDER FOR THE BRIDGE REHABILITATION TO BE COMPLETED BEFORE THE ASSOCIATED PAVEMENT PRESERVATION PROJECT BEGINS WORK. THERE SHALL BE NO DIRECT PAYMENT FOR FULFILLING THIS REQUIREMENT, BUT PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
- 9. WHEN EXISTING DROP INLETS ARE ENCOUNTERED ON THE APPROACH GUTTERS, THE CONTRACTOR SHALL REMOVE DEBRIS FROM THE GRATE AND DROP INLET IF AND WHERE DIRECTED BY THE ENGINEER TO ESTABLISH POSITIVE DRAINAGE

TITLE NUMBER ERRATA.____ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS FHWA-1273_REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS FHWA-1273_SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS FHWA-1273_SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140) FHWA-1273_SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES FHWA-1273_SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS FHWA-1273_SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS FHWA-1273_SUPPLEMENT - WAGE RATE DETERMINATION _CONTRACTOR'S LICENSE 100 - 3100-4 _DEPARTMENT NAME CHANGE 102-2 -ISSUANCE OF PROPOSALS 105-4 -MAINTENANCE DURING CONSTRUCTION 107-2 _RESTRAINING CONDITIONS LIQUIDATED DAMAGES WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER 108-1 108-2 _QUALITY CONTROL AND ACCEPTANCE 306-1 603-1 LANE CLOSURE NOTIFICATION 604-1 _RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES 604-3. TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH) 800-1 _STRUCTURES _REINFORCING STEEL FOR STRUCTURES 804-2 JOB 012443_ASSESSMENT OF WORKING DAYS - MAINTENANCE OF TRAFFIC JOB 012443_BIDDING REQUIREMENTS AND CONDITIONS JOB 012443_BRIDGE BACKWALL MODIFICATION JOB 012443_BRIDGE DECK REPAIR FOR POLYMER OVERLAYS JOB 012443_BRIDGE JOINT MODIFICATION JOB 012443_BUY AMERICA-CONSTRUCTION MATERIALS JOB 012443_CARGO PREFERENCE ACT REQUIREMENTS JOB 012443_COORDINATION OF WORK JOB 012443_DETAILS FOR SAFETY OF STREAM TRAFFIC JOB 012443_DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES JOB 012443_GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION JOB 012443_INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (UPRR) JOB 012443_LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS JOB 012443_MAINTENANCE OF TRAFFIC JOB 012443_MANDATORY ELECTRONIC CONTRACT JOB 012443_MANDATORY ELECTRONIC DOCUMENT SUBMITTAL JOB 012443_NESTING SITES OF MIGRATORY BIRDS JOB 012443_PARTNERING REQUIREMENTS JOB 012443_POLYMER OVERLAY JOB 012443_PREFORMED SILICONE JOINT SEAL JOB 012443_PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICE OR EQUIPMENT JOB 012443_TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES JOB 012443_VALUE ENGINEERING

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GOVERNING SPECIFICATIONS AND GENERAL NOTES



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STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT LONGITUDINAL JOINTS ARE TO BE PLACED PER TYPICAL SECTION IN ACCORDANCE WITH STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2014 EDITION, SECTION 410.07 UNLESS OTHERWISE APPROVED IF AND WHERE BY THE ENGINEER.

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

| • | | |
|-------------------|---------------|---------------------|
| (POLYMER OVERLAY) | | |
| NF 1 12'-0" ANF | 1 12'-0" LANF | |
| | | |
| 0.020′/ | ((TYP.) | <u>6' SIDEWAL</u> K |
| BRIDGE DECK | | ━ |



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I. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT

LONGITUDINAL JOINTS ARE TO BE PLACED PER TYPICAL SECTION IN ACCORDANCE WITH STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2014 EDITION, SECTION 410.07 UNLESS OTHERWISE APPROVED IF AND WHERE BY THE ENGINEER.

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



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STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT LONGITUDINAL JOINTS ARE TO BE PLACED PER TYPICAL SECTION IN ACCORDANCE WITH STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2014 EDITION, SECTION 410.07 UNLESS OTHERWISE APPROVED IF AND WHERE BY THE ENGINEER.

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



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SPECIAL DETAILS



DRIVEWAY TRAFFIC DRUM DETAIL (MULTIPLE LANE CLOSURE) (STAGE 2)



ADVANCE WARNING - SIDE ROADS (ALL STAGES)

BR. NOS. A5528, B5529, & A5529 REFER TO BRIDGE PLAN SHEETS FOR BACKWALL MODIFICATION AND BRIDGE JOINT MODIFICATION LOCATIONS



- NOTES:
- I. FURNISH TRAFFIC DRUMS ALONG THE LENGTH OF THE WORK AREA
- (200' PLUS ENTRANCE AND EXIT LENGTHS AS SHOWN.)
- 2. MAINTAIN 12' O" WIDTH ON LANE REMAINING OPEN.
- 3. MIRROR LAYOUT IN OPPOSITE LANE/S FOR STAGE 2.
- 4. ONCE MODIFICATIONS ARE COMPLETED, REPOSITION THE TRAFFIC DRUMS IF AND WHERE DIRECTED BY THE ENGINEER FOR THE BRIDGE REHABILITATION. THE POLYMER OVERLAY PROCESS MAY BE ON-GOING IF AND WHERE DIRECTED BY THE ENGINEER DURING THE MODIFICATION PROCESS.

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ATE ARKANŜA * * * LICENSED PROFESSIONAL ENGINEER * * * No.9678

SPECIAL DETAILS



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| | | MAINTENANCE OF TRAFFIC DETAILS | | | | | | | | |



INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE I.

REMOVABLE CONSTRUCTION PAVEMENT MARKINGS (12" WH. STOP LINES).

ON CLOSED LANE & SHOULDER - RT .: CONSTRUCT BRIDGE POLYMER OVERLAY.

MIRROR INSTALLATION OF ADVANCE WARNING SIGNS AND END ROAD WORK

MIRROR INSTALLATION MAINTENANCE OF TRAFFIC DEVICES FOR STAGE 2 AND INSTALL REMOVABLE CONSTRUCTION PAVEMENT MARKINGS (12" WH. STOP LINES). SHIFT TRAFFIC ONTO OPPOSITE LANE FOR STAGE 2.

ON CLOSED LANE & SHOULDER - LT .: CONSTRUCT BRIDGE POLYMER OVERLAY.

| SEC. | MILE | DRUMS | ROADWAY WIDTH |
|------|-----------------|-------|---------------|
| 2 | 7.921 | 24 | 36' |
| 13 | 6.579 | 54 | 40′ |
| 13 | 7.148 | 252 | 40' |
| 2 | 1.550 | 24 | 36′ |
| 16 | 9.300 | 26 | 40' |
| 16 | 9.439 | 38 | 40' |
| 16 | 16.980 | 22 | 40' |
| I. | 14.094 | 21 | 40' |
| T | II . 840 | 19 | 40′ |

ADVANCE WARNING (2 LANE ROADWAY) MAINTENANCE OF TRAFFIC DETAILS



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| | | | | N | AINTEN | ANCE OF TRAFF | FIC DETA | ILS |
| TRAFF | VAR. BUFFER IC DRUMS & VA | ZONE R. SPACIN | NG | | TING I A | NE WIDTH | ATE OF KANSA ENSEI ESSIOI GINEE * | NAL R War NAL |
| | | /I-4R X 36") | ON LA | NE REMA | INING O | PEN | | |
| | MPH (2) WI | X 30") | | | | | | |
| | CONSTRL stage 1: | JCTION | N SEC | UEN | ICE | | | |
| | INSTALL ADVANC | E WARNING VN FOR ST | SIGNS AN AGE I. | D END I | ROAD W | ORK SIGNS AT | THE | |
| | INSTALL MAINTER REMOVABLE CON | NANCE OF | TRAFFIC DI PAVEMENT | EVICES MARKI | AS SHO NGS. | WN IN STAGE I | AND | |
| | ON CLOSED LAN | E & SHOUL | DER - LT. | : CONST | RUCT B | RIDGE POLYME | R OVERL | AY. |
| | STAGE 2: | | | | | | | |
| ') | MIRROR INSTALL | ATION OF A Ge 2. | DVANCE W | ARNING | SIGNS | AND END ROAD | WORK | |
| | MIRROR INSTALL INSTALL REMOVA SHIFT TRAFFIC (| ATION MAIN ABLE CONST ONTO OPPO | TENANCE (RUCTION F SITE LANE | OF TRAF PAVEMEN FOR S | FIC DEN NT MARI FAGE 2. | VICES FOR STA KINGS. | GE 2 AI | ND |
| ") | ON CLOSED LAN | E & SHOUL | DER - RT. | : CONST | RUCT B | RIDGE POLYME | R OVERL | AY. |
| | REMOVE MAINTEN PAVEMENT MARK | NANCE OF T | TRAFFIC DE All Perma | NENT P | & REMO AVEMEN | VABLE CONSTF IT MARKINGS. | RUCTION | |
| | | | | | | | | |

RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.

| _0. | MILE D | RAFFIC RO RUMS W | ADWAY T NDTH LE | APER INGTH | & TAPER DRUM SPACING | BUFFER LENGTH | TANGENT DRUM SPACING |
|-----|-------------------------------------|--|--|---|---|---|---|
| 6 | 6.618 | 54 | 38′ | 405′ (| ፼ 45′0.C. | 360' | e 90' 0.C. |
| 6 | 5.838 | 54 | 41.3′ | 405′ 0 | 2 45′0.C. | 360' | @ 90′0.C. |
| IB | 0.477 | 48 | 38′ | 405′ 6 | 2 45′0.C. | 360' | @ 90′ 0.C. |
| 51 | 245.080 | 70 | 40′ | 720′ 0 | ≥ 60′0.C. | 570′ | e 120' 0.C. |
| II | 64.958 | 61 | 40' | 660' (| 2 55′0.C. | 495′ | @ 110' 0.C. |
| II | 64.384 | 72 | 40′ | 660' (| ⊉ 55′0.C. | 495′ | @ 110' O.C. |
| II | 69 . 532 | 118 | 40′ | 660' (| ◙ 55′0.C. | 495' | @ 110' O.C. |
| | 2.789 | 118 | 40′ | 660' (| 2 55′ O.C. | 495' | @ 110' O.C. |
| | > 5 B 51 11 11 11 | 5 6.618 5 5.838 B 0.477 51 245.080 II 64.958 II 64.384 II 69.532 II 2.789 | 5 6.68 54 6 5.838 54 B 0.477 48 5 245.080 70 1 64.958 61 1 64.384 72 1 69.532 118 1 2.789 118 | 5 6.618 54 58 6 5.838 54 41.3' B 0.477 48 38' 51 245.080 70 40' II 64.958 61 40' II 64.384 72 40' II 69.532 118 40' | 5 5.618 54 38 405 1 5 5.838 54 41.3' 405' 1 B 0.477 48 38' 405' 1 51 245.080 70 40' 720' 1 11 64.958 61 40' 660' 1 11 64.384 72 40' 660' 1 11 69.532 118 40' 660' 1 | 5 5.618 54 38 405 6 45 0.0. 5 5.838 54 41.3' 405' 6 45' 0.0. B 0.477 48 38' 405' 6 45' 0.0. B 0.477 48 38' 405' 6 45' 0.0. 11 64.958 61 40' 660' 65' 0.0. 11 64.384 72 40' 660' 55' 0.0. 11 69.532 118 40' 660' 55' 0.0. 11 2.789 118 40' 660' 55' 0.0. | 5 5.618 54 38 405 6 45 0.0. 360 5 5.838 54 41.3' 405' 6 45' 0.C. 360' B 0.477 48 38' 405' 6 45' 0.C. 360' Si 245.080 70 40' 720' 60' 0.C. 570' II 64.958 6I 40' 660' 55' 0.C. 495' II 64.384 72 40' 660' 55' 0.C. 495' II 69.532 118 40' 660' 55' 0.C. 495' II 2.789 118 40' 660' 55' 0.C. 495' |

ADVANCE WARNING (4 LANE GRASS OR BARRIER WALL MEDIAN DIVIDED HIGHWAY) MAINTENANCE OF TRAFFIC DETAILS



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| | | MAINTENANCE OF TRAFFIC DETAILS | | | | | | | | |



MAINTAIN EXISTING LANE WIDTH ON LANE REMAINING OPEN

CONSTRUCTION SEQUENCE

INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE I.

INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE I AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS (12" WH. STOP LINES).

ON CLOSED INSIDE LANES: CONSTRUCT BRIDGE POLYMER OVERLAY.

MIRROR INSTALLATION OF ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS FOR STAGE 2.

MIRROR INSTALLATION MAINTENANCE OF TRAFFIC DEVICES FOR STAGE 2 AND INSTALL REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC ONTO OPPOSITE LANE FOR STAGE 2.

ON CLOSED OUTSIDE LANES & SHOULDERS: CONSTRUCT BRIDGE POLYMER OVERLAY. REMOVE MAINTENANCE OF TRAFFIC DEVICES & REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. INSTALL PERMANENT PAVEMENT MARKINGS. RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.

| с. | LOG MILE | TRAFFI DRUMS | BR.DECK CLEAR C ROADWAY 5 WIDTH | TAPER LENGTH | WORK AREA & TAPER DRUM SPACING | BUFFER LENGTH | TANGENT DRUM SPACING | |
|----|-------------|-----------------|--|-----------------|---|------------------|----------------------------|--|
| | 0.856 | * II2 | 58′ | 245′ | @ 35′0.C. | 250' | @ 70′ 0.C. | |
| * | TRAFFIC | DRUMS | DOUBLED FOR | BOTH DIRE | CTIONS OF TR | AFFIC | | |

LANE CLOSURE WITH TRAFFIC DRUMS FOR POLYMER OVERLAY BRIDGE 5 LANE BRIDGE (58'-O" CLEAR ROADWAY WIDTH ON BRIDGE DECK)

ADVANCE WARNING (5 LANE) MAINTENANCE OF TRAFFIC DETAILS









2 LANE BRIDGE













2 LANE BRIDGE



2 LANE BRIDGE

STAGE I



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| | | MAINTENANCE OF TRAFFIC DETAILS | | | | | | | |





TYPICAL SECTIONS (2 LANE ROADWAYS) MAINTENANCE OF TRAFFIC DETAILS



2 LANE BRIDGE



2 LANE BRIDGE

STAGE 2



2 LANE BRIDGE



2 LANE BRIDGE

STAGE I

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| | | MAINTENANCE OF TRAFFIC DETAILS | | | | | | | | |



TYPICAL SECTIONS (2 LANE ROADWAYS) MAINTENANCE OF TRAFFIC DETAILS



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| | DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
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| | | | 6 | ARK. | 012443 | 19 | 28 |
| Į | | | PERM | ANENT | PAVEMENT MA | RKINGS | DETAILS |
| | THERMC MARKING WITH RJ MARKER @ 80' S | DPLASTIC G YELLOW AISED PAV SS (TYPE SPACING (1 | PAVEME (6") C 'EMENT II) YELL (YP.) | ENT .L. OW/YEL | PROF EN | ATE OF KANSA *** CENSEJ ESSIOJ GINEE *** *** ** * * * * * * * * * * * * * | NAL R Har |
| 5 > 2,000 ADT | | | | | | | |
| GE LC ROUTE SEC. MII | DG LE | | | | | | |
| 538 HWY.35 2 7.9 | 921 | | | | | | |
| D27 HWY.79 13 6.5 | 579 | | | | | | |
| 330 HWY.79 I3 7.1 | 48 | | | | | | |
| 83 HWY.147 I 14.0 | 094 | | | | | | |
| 73 HWY.147 I II.8 | 40 | | | | | | |
| | | | | | | | |
| THERMOPLASTI PAVEMENT MAP CONTINUOUS | C RKING WHI EDGE LINE | TE (6")- | | | | | |
| | THERMOPL SKIP LINE YEL/YEL | _ASTIC PA S W∕ RAI @ 80'SP/ | VEMEN SED PA ACING (| T MARK VEMEN TYP.) | ING YELLOW T MARKERS (| (6") - 5 TY.II) - | SOLID & |
| | | | | | | | |
| | | BRID D | GE E | BRIDGE # | ROUTE SE | LOG C. MILE | |
| | D | IIST. 2 2 |) BR. | 00832 | HWY.425 (| 5 0.85 | 6 |
| MARKING DE 'S W/ BRID | etail Ge | S | | | | | |

PERMANENT PAVEMENT MARKINGS DETAILS



| Τ | DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|---|-----------------|-----------------|---------------------|--------|----------|--------------|-----------------|
| þ | | | 6 | ARK. | 012443 | 20 | 28 |
| t | | | PERM | IANENT | PAVEMENT | MARKINGS | DETAILS |

ATE ARKAŊŜAS * * * LICENSED PROFESSIONAL ENGINEER * * * No.9678 GU 2-15

| RIDGE ID | BRIDGE # | ROUTE | SEC. | LOG MILE |
|-------------|-------------|---------|------|-------------|
| 3) | BR. A668I | HWY.425 | 6 | 6.618 |
| 4 | BR. B668I | HWY.425 | 6 | 5.838 |
| 8 | BR.06470 | HWY.I | IIВ | 0.477 |
| 9 | BR. B3625 | HWY.40 | 51 | 245.080 |
| 15) | BR. 06103 | 1-55 | П | 64.958 |
| 16) | BR. A2671 | I-55 | П | 64.384 |
| 18) | BR. B5528 | 1-55 | П | 69.532 |
| 9 | BR. A5528 | 1-55 | П | 2.789 |
| | | | | |

| DGE D | BRIDGE # | ROUTE | SEC. | LOG MILE |
|----------|-------------|-------|------|-------------|
| 7) | BR. 02671 | 1-55 | Ш | 7.888 |
| 0 | BR. B5529 | I-55 | Ш | 71.011 |
| | BR. A5529 | 1-55 | П | 1.310 |

PERMANENT PAVEMENT MARKINGS DETAILS

| SIGN NUMBER | DESCRIPTION | SIGN SIZE | STAGE 1 | STAGE 2 | MAXIMUM NUMBER REQUIRED | TOTAI REQ | _ SIGNS UIRED | VERTICAL PANELS | TRAFFIC DRUMS | ADVANCE WARNING ARROW PANEL | PORT CHANG MESSA |
|----------------|--|-----------|---------|---------|-------------------------------|--------------|------------------|--------------------|------------------|--------------------------------------|------------------------|
| | | | LIN.FT. | - EACH | | NO. | SQ.FT. | EAC | н | DAY | WE |
| ADVANCE V | VARNING SIGNS - HIGHWAY | | | - | | | | - | | | |
| W20-1 | ROAD WORK 1500 FT. | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-4 | ROAD WORK 1000 FT. | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-1 | ROAD WORK AHEAD | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-4 | ONE LANE ROAD 1/2 MILE | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-4 | ONE LANE ROAD 1000 FT. | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-5 | LEFT LANE CLOSED 1 MILE | 48"x48" | 4 | 4 | 4 | 4 | 64.0 | | | | |
| W20-5 | LEFT LANE CLOSED 1/2 MILE | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-5 | LEFT LANE CLOSED 1500 FT | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-5 | RIGHT LANE CLOSED 1500 FT. | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-5 | RIGHT LANE CLOSED 1/2 MILE | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W20-5 | RIGHT LANE CLOSED 1 MILE | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| G20-2 | END ROAD WORK | 48"x24" | 8 | 8 | 8 | 8 | 64.0 | | | | |
| W20-7a | FLAGGER AHEAD | 48"x48" | 4 | 4 | 4 | 4 | 64.0 | | | | |
| W20-7 | FLAGGER | 48"x48" | 4 | 4 | 4 | 4 | 64.0 | | | | |
| W1-4R | REVERSE CURVE RT. | 48"x48" | 2 | 2 | 2 | 2 | 32.0 | | | | |
| W3-3 | ADVANCED TRAFFIC CONTROL - TRAFFIC SIGNAL | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W3-4 | BE PREPARED TO STOP | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W13-1 | SPEED LIMIT (ADVISORY) | 30"x30" | 8 | 8 | 8 | 8 | 50.0 | | | | |
| R2-1 | SPEED LIMIT | 36"x48" | 24 | 24 | 24 | 24 | 288.0 | | | | |
| W9-3 | CENTER LANE CLOSED AHEAD | 48"x48" | 4 | | 4 | 4 | 64.0 | | | | |
| R10-6 | STOP HERE ON RED | 36"x48" | 8 | 8 | 8 | 8 | 96.0 | | | | |
| W1-6 | LARGE ARROW | 60"x30" | 12 | 12 | 12 | 12 | 150.0 | | | | |
| R4-1 | DO NOT PASS | 48"x60" | 8 | 8 | 8 | 8 | 160.0 | | | | |
| W21-5a | RIGHT SHOULDER CLOSED | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W4-2 | LANE ENDS (LEFT) | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| W4-2 | LANE ENDS (RIGHT) | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| SPECIAL | MERGENOW | 48"x48" | 8 | 8 | 8 | 8 | 128.0 | | | | |
| SUBTOTALS | S (DISTRICTS 1 & 2 - ADVANCE WARNING SIGNS - HIGHWAY): | | | | | | 3144.0 | | | | |
| | · · · | | | | | | | | | | |

ADVANCE WARNING SIGNS AND DEVICES - DISTRICTS 1 & 2 LANE CLOSURE FOR POLYMER OVERLAY BRIDGES

ADVANCE DEVICES VERTICAL PANELS TRAFFIC DRUMS ADVANCE WARNING ARROW PANEL PORTABLE CHANGEABLE MESSAGE SIGN SUBTOTALS (DISTRICT 1& 2 - ADVANCE DEVICES): PRO JECT TOTALS (DISTRICT 1& 2) 373 465

 SUB I U I ALS (DISTRICT 1 & 2 - ADVANCE DEVICES):
 25
 373
 465.0

 PROJECT TOTALS (DISTRICT 1 & 2):
 3144.0
 25
 373
 465.0

 MAINTENANCE OF TRAFFIC ITEMS ARE TO BE RELOCATED BETWEEN BRIDGE SITES AND DISTRICTS IF AND WHERE DIRECTED BY THE ENGINEER. THE TOTALS REPRESENT A MAXIMUM NUMBER OF MOT DEVICES AND ESTIMATED TIME USAGES. TRAFFIC CONTROL DEVICES, WHERE SHOWN ON THE PLANS FOR PAYMENT, WILL BE PAID AT THE CONTRACT UNIT PRICE FOR EACH ITEM INVOLVED. ALL ADDITIONAL TRAFFIC CONTROL DEVICES BEYOND THE CONTRACT AMOUNT SHALL BE PROVIDED, MAINTAINED, AND REPLACED, IF NECESSARY, AT NO COST TO THE DEPARTMENT. LARGE SIGNS ARE USED FOR CONSISTENCY THROUGH PROJECT DUE TO HIGH NUMBER OF LOCATIONS ALONG INTERSTATES AND MAJOR HIGHWAYS.

NOTES: ALL LOCATIONS HAVE BOTH HIGH AND LOW TRAFFIC VOLUMES IN DISTRICTS 1& 2 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW TRAFFIC VOLUMES IN EACH DISTRICT.

THE PORTABLE CHANGEABLE MESSAGE SIGN QUANTITY IS ESTIMATED AND BASED ON USE IF AND WHERE DIRECTED BY THE ENGINEER.

QUANTITIES ESTIMATED. SEE SECTION 104.03 OF THE STD SPECS.

ъb

| DATE REVISED | DATE | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|------|---------------------|-------|------------|--------------|-----------------|
| | | 6 | ARK. | 012443 | 21 | 28 |
| | | | | QUANTITIES | | |





80

QUANTITIES

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 2 (BOX 1 OF 2)

| BR. ID # (TITLE | BR. STRUCTURE | ROUTE | LOG | DESCRIPTION | REMOVABLE CONST. PAVEMENT | LE RAISED PAVEMENT MARKERS THERMOPLASTIC PAVEMENT F MARKING | | THERMOPLASTIC PAVEMENT MARKING | | TORIZED AVEMENT KING | |
|--------------------|------------------|-------|-------|-------------|---------------------------------|---|-----------------|--------------------------------------|--------|----------------------------|--------|
| SHEET) | NO. | | WILL | | MARKINGS | TYPE II | TYPE II | e | 5" | 6 | 5" |
| | | | | | | (WHITE/RED) | (YELLOW/YELLOW) | WHITE | YELLOW | WHITE | YELLOW |
| | | | | | LIN FT. | E | ACH | LIN | . FT. | LIN | .FT. |
| | | | | WHITE | 752 | | | 704 | | | |
| 1 | 06538 | 35 | 7.921 | YELLOW | 704 | | | | 704 | | |
| | | | | R.P.M. | | | 4 | | | | |
| | | | | WHITE | 230 | | | 230 | | | |
| 2 | 00832 | 425 | 0.856 | YELLOW | 230 | | | | 230 | | |
| | | | | R.P.M. | | 2 | 2 | | | | |
| | | | | WHITE | 415 | | | 415 | | | |
| 3 | A6681 | 425 | 6.618 | YELLOW | 332 | | | | 332 | | |
| | | | | R.P.M. | | 4 | | | | | |
| | | | | WHITE | 415 | | | 415 | | | |
| 4 | B6681 | 425 | 5.838 | YELLOW | 332 | | | | 332 | | |
| | | | | RPM | | 4 | | | | | |
| | | | | | | | | | | | |

 SUBTOTAL (DIST. 2):
 3410
 10
 6
 1764
 1598

 NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICT 2 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR
 HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT.

FOR 2 LANE ROADS, THE 12" WHITE STOP BAR LIN. FT. QUANTITY FROM THE 2 LANE MAINTENANCE OF TRAFFIC DETAIL IS INCLUDED IN THE REMOVABLE CONSTRUCTION PAVEMENT MARKINGS COLUMN FOR STAGE 1 AND STAGE 2 CONSTRUCTION.

THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR TWO LANE HIGHWAYS. REFER TO PERMANENT PAVEMENT MARKING DETAILS PLAN SHEETS. C.L. STRIPING ON THE PROJECT BRIDGES WILL BE DETERMINED IF AND WHERE DIRECTED BY THE ENGINEER.

| Ċ | CONSTRUC ⁻ | ΓΙΟΝ ΡΑ | VEMEN | T MARKING | S AND PER | MANENT PAV | EMENT MARKIN | GS - DIS | T. 1 (BO) | X 2 OF 2 | .) |
|----------|-----------------------|---------|---------|---------------|---------------------------------|-------------|-----------------|-----------------------|-------------------------|---------------------------|---------------------------|
| BR. ID # | BR. STRUCTURE | ROUTE | LOG | DESCRIPTION | REMOVABLE CONST. PAVEMENT | RAISED PAVE | EMENT MARKERS | THERMO PAVE MAR | PLASTIC MENT KING | REFLEC PAINT PA MAR | FORIZED VEMENT KING |
| SHEET) | NO. | | MILE | | MARKINGS | TYPE II | TYPE II | 6 | " | 6 | |
| | | | | | | (WHITE/RED) | (YELLOW/YELLOW) | WHITE | YELLOW | WHITE | YELLOW |
| | | | | | LIN FT. | E | ACH | LIN | FT. | LIN. | FT. |
| | | | | WHITE | 3132 | | | 3084 | | | |
| 5 | 07027 | 79 | 6.579 | YELLOW | 3084 | | | | 3084 | | |
| | | | | R.P.M. | 10005 | | 19 | 10007 | | | |
| | 00000 | 70 | 7 4 40 | WHITE | 18985 | | | 18937 | 10007 | | |
| 6 | 06830 | /9 | 7.148 | YELLOW | 18937 | | 110 | | 18937 | | |
| | | | | | 802 | | 110 | | | 754 | |
| 7 | 06293 | 38 | 1 550 | | 754 | | | | | 7.54 | 754 |
| ' | 00200 | | 1.000 | RPM | 104 | | 5 | | | | 704 |
| | | | | WHITE | 71 | | Ŭ | | | 71 | |
| 8 | 06470 | 1 | 0.477 | YELLOW | 57 | | | | | | 57 |
| | | | | R.P.M. | | 1 | | | | | |
| | | | | WHITE | 1284 | | | 1284 | | | |
| 9 | B3625 | 40 | 245.080 | YELLOW | 1027 | | | | 1027 | | |
| | | | | R.P.M. | | 13 | | | | | |
| | | | | WHITE | 892 | | | | | 844 | |
| 10 | 05951 | 79 | 9.300 | YELLOW | 528 | | | | | | 528 |
| | | | | R.P.M. | | | 5 | | | | |
| | | | | WHITE | 1872 | | | | | 1824 | |
| 11 | 05952 | 79 | 9.439 | YELLOW | 1824 | | | | | | 1824 |
| | | | | R.P.M. | | | 11 | | | | |
| | | | | WHITE | 612 | | | | | 564 | |
| 12 | 06033 | 79 | 16.980 | YELLOW | 353 | | | | | | 353 |
| | | | | R.P.M. | | | 4 | | | | |
| | | | | WHITE | 496 | | | 448 | | | |
| 13 | 07183 | 147 | 14.094 | YELLOW | 448 | | | | 448 | | |
| | | | | R.P.M. | | | 3 | | | | |
| | | | | WHITE | 366 | | | 318 | | | |
| 14 | 07173 | 147 | 11.840 | YELLOW | 318 | | | | 318 | | |
| | | | | R.P.M. | 101 | | 2 | 101 | | | |
| | | | 0.0000 | WHITE | 461 | | | 461 | | | |
| 15 | 06103 | 55 | 64.958 | YELLOW | 308 | F | | | 368 | | |
| | | | | R.P.M. | 1100 | 5 | | 1100 | | | |
| 16 | A2671 | 55 | 64 384 | | 952 | | | 1190 | 952 | | |
| | A2071 | 33 | 04.304 | | 552 | 12 | | | 352 | | |
| | | | | WHITE | 1428 | 12 | | 1428 | | | |
| 17 | 02671 | 55 | 7 888 | VELLOW | 952 | | | TILO | 952 | | |
| | | | | RPM | 002 | 24 | | | 002 | | |
| | | | | WHITE | 4347 | | | 4347 | | | |
| 18 | B5528 | 55 | 69.532 | YELLOW | 3477 | | | | 3477 | | |
| | | | | R.P.M. | | 43 | | | | | |
| | | | | WHITE | 4347 | | | 4347 | | | |
| 19 | A5528 | 55 | 2.789 | YELLOW | 3477 | | | | 3477 | | |
| | | | | R.P.M. | | 43 | | | | | |
| | | | | WHITE | 1212 | | | 1212 | | | |
| 20 | B5529 | 55 | 71.011 | YELLOW | 808 | | | | 808 | | |
| | | | | R.P.M. | | 20 | | | | | |
| | | | | WHITE | 1212 | | | 1212 | | | |
| 21 | A5529 | 55 | 1.310 | <u>YELLOW</u> | 808 | | | | 808 | | |
| 0110707 | | | | R.P.M. | 00001 | 20 | 4.0- | 00000 | 0.4070 | 40 | 0510 |
| | L (DIST. 1): | | | | 80887 | 181 | 10/ | 38268 | 34050 | 4057 | 3516 |

HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT. FOR 2 LANE ROADS, THE 12" WHITE STOP BAR LIN. FT. QUANTITY FROM THE 2 LANE MAINTENANCE OF TRAFFIC DETAIL IS INCLUDED IN THE

REMOVABLE CONSTRUCTION PAVEMENT MARKINGS COLUMN FOR STAGE 1 AND STAGE 2 CONSTRUCTION.

THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR TWO LANE HIGHWAYS. REFER TO PERMANENT PAVEMENT MARKING DETAILS PLAN SHEETS. C.L. STRIPING ON THE PROJECT BRIDGES WILL BE DETERMINED IF AND WHERE DIRECTED BY THE ENGINEER.

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS

| SUBTOTALS & PROJECT TOTALS | REMOVABLE CONST. PAVEMENT | RAISED PAVE | THERMO PAVE MAR | PLASTIC MENT KING | REFLECTORIZED PAINT PAVEMENT MARKING | | |
|----------------------------------|---------------------------------|-------------|-----------------------|---|--|--|------|
| | MARKINGS | TYPE II | TYPE II | THERMOPLASTIC PAVEMENT REFL PANT 6" MITE 6" WHITE 100. FT. 100. FT. 1764 1598 40032 36254 40052 36254 | | 6" | |
| | | (WHITE/RED) | (YELLOW/YELLOW) | | WHITE | WHITE YELLOW | |
| | LIN FT. | E | ACH | LIN | FT. | IENT PAINT PAV ING 6" YELLOW WHITE YFT. LIN, F 34656 4057 1598 36254 | FT. |
| UBTOTALS DIST. 1 - (BOX 2 OF 2): | 80881 | 181 | 167 | 38268 | 34656 | | 3516 |
| UBTOTALS DIST. 2 - (BOX 1 OF 2): | 3410 | 10 | 6 | 1764 | 1598 | | |
| ROJECT TOTALS: | 84291 | 191 | 173 | 40032 | 36254 | 4057 | 3516 |

NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICTS 1 & 2 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT.

FOR 2 LANE ROADS, THE 12" WHITE STOP BAR LIN. FT. QUANTITY FROM THE 2 LANE MAINTENANCE OF TRAFFIC DETAIL IS INCLUDED IN THE REMOVABLE CONSTRUCTION PAVEMENT MARKINGS COLUMN FOR STAGE 1 AND STAGE 2 CONSTRUCTION.

THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR TWO LANE HIGHWAYS. REFER TO PERMANENT PAVEMENT MARKING DETAILS PLAN SHEETS. C.L. STRIPING ON THE PROJECT BRIDGES WILL BE DETERMINED IF AND WHERE DIRECTED BY THE ENGINEER.

| DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------|---------------------|-------|---------|--------------|-----------------|
| | | 6 | ARK. | 012443 | 22 | 28 |
| | | | | | | |

NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICT 1AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR



QUANTITIES

| | | | | | | | SS & 804 | SS & 804 | SS & 809 | SP JOB 012443 | SP JOB 012443 | SP JOB 012443 | SP JOB 012443 | SP JOB 012443 |
|----------|----------|-------------|--------------|------------------|----------|------------|---|--|---------------------------|---------------------------------|--|------------------------------|-----------------|-----------------------------|
| DISTRICT | SITE NO. | COUNTY | ROUTE | SECTION | LOG MILE | BRIDGE NO. | REINFORCING STEEL- BRIDGE (GRADE 60) | EPOXY COATED REINFORCING STEEL (GRADE 60) | SILICONE JOINT SEALANT | BRIDGE BACKWALI MODIFICATION | BRIDGE DECK REPAIR FOR POLYMER OVERLAYS | BRIDGE JOINT MODIFICATION | POLYMER OVERLAY | PREFORMED SILICONE JOINT |
| | | | | | | | POUND | POUND | LIN. FT. | SQ. FT. | SQ. FT. | SQ. FT. | SQ. YD. | LIN. FT. |
| | 1 | GRANT | 35 | 2 | 7.921 | 06538① | 540 | | 276 ③ | | 630.0 | - | 1,400.0 | |
| | 2 | LINCOLN | 425 | 6 | 0.856 | 00832 ① | | 230 | 299 ③ | | 261.0 | | 580.0 | |
| 2 | 3 | LINCOLN | 425 | 6 | 6.618 | A6681 ① | | 540 | 290 ③ | | 627.0 | | 1,393.4 | |
| | 4 | LINCOLN | 425 | 6 | 5.838 | B6681 ① | | 580 | 315 ③ | | 682.0 | | 1,515.6 | |
| | | | TOTAL | S FOR DISTRICT 2 | | | 540 | 1,350 | 1,180 | | 2,200.0 | | 4,889.0 | |
| | | | | | | | | | | | | | | |
| | 5 | MONROE | 79 | 13 | 6.579 | 07027 ① | | 2,620 | | | 3,080.0 | | 6,844.5 | |
| | 6 | MONROE | 79 | 13 | 7.148 | 06830 ① | | 16,100 | | | 18,932.0 | | 42,071.2 | |
| | 7 | WOODRUFF | 38 | 2 | 1.550 | 06293 ① | 580 | | 315 ③ | | 675.0 | | 1,500.0 | |
| | 8 | ST. FRANCIS | 1 | 11B | 0.477 | 06470 ① | | 90 | 83 (3) | | 104.5 | | 232.3 | |
| | 9 | ST. FRANCIS | I-40 | 51 | 245.080 | B3625① | | 1,750 | 607 ③ | | 2,049.9 | | 4,555.2 | |
| | 10 | LEE | 79 | 16 | 9.300 | 05951 ① | 720 | | 130 ③ | | 840.0 | | 1,866.7 | |
| | 11 | LEE | 79 | 16 | 9.439 | 05952 ① | 1,550 | | 130 ③ | | 1,820.0 | | 4,044.5 | |
| | 12 | LEE | 79 | 16 | 16.980 | 06033① | 480 | | 260 ③ | | 560.0 | | 1,244.5 | |
| 1 | 13 | CRITTENDEN | 147 | 1 | 14.094 | 07183① | | 380 | 120 ③ | | 442.0 | | 982.3 | |
| 1 | 14 | CRITTENDEN | 147 | 1 | 11.840 | 07173① | | 280 | | | 318.0 | | 706.7 | |
| | 15 | CRITTENDEN | I-55 | 11 | 64.958 | 06103① | | 620 | 33 (3) | | 729.0 | | 1,619.9 | |
| | 16 | CRITTENDEN | I-55 | 11 | 64.384 | A2671① | | 1,600 | 798 ③ | | 1,875.3 | | 4,167.3 | |
| | 17 | CRITTENDEN | I-55 | 11 | 7.888 | 02671 ① | | 2,240 | 1,331 ③ | | 2,634.9 | | 5,855.3 | |
| | 18 | CRITTENDEN | I-55 | 11 | 69.532 | B5528① | 5,910 | | 562 ③ | | 13,900.0 | | 15,444.5 | |
| | 19 | CRITTENDEN | I-55 | 11 | 2.789 | A5528① | 5,910 | | 518 ③ | 80 ④ | 13,900.0 | 54 (5) | 15,444.5 | 44 6 |
| | 20 | CRITTENDEN | I-55 | 11 | 71.011 | B5529① | 1,650 | | 205 ③ | 96 ④ | 3,868.8 | | 4,298.7 | |
| | 21 | CRITTENDEN | I-55 | 11 | 1.310 | A5529① | 1,650 | | 205 ③ | 96 ④ | 3,868.8 | | 4,298.7 | |
| | | | TOTAL | S FOR DISTRICT 1 | | | 18,450 | 25,680 | 5,297 | 272 | 69,598.2 | 54 | 115,176.8 | 44 |
| | | | | | | | | | | | | | | |
| | | | TOTALS FOR J | JOB 012443 | | | 18,990② | 27,030 ② | 6,477 | 272 | 71,798.2 ② | 54 | 120,065.8 | 44 |

SCHEDULE OF BRIDGE QUANTITIES - JOB NO. 012443

①EXISTING BRIDGE DECK HAS NO ASPHALT OVERLAY.

- O quantity shown is for estimating and bidding purposes only. Actual quantity, if any, will be determined in the field.
- ③EXISTING BRIDGE HAS FILLED JOINTS TO BE REMOVED AND REPLACED WITH POURED SILICONE JOINTS.
- (4) SEE DWG. NOS. 65868 & 65869 FOR DETAILS OF BACKWALL MODIFICATION. AVERAGE DEPTH OF REPAIR IS ESTIMATED TO BE 2".
- ⑤SEE DWG. NO. 65870 FOR DETAILS OF JOINT MODIFICATION. AVERAGE DEPTH OF REPAIR IS ESTIMATED TO BE 3½" MEASURED FROM TOP OF DECK.
- ⁽⁶⁾EXISTING BRIDGE HAS FILLED JOINT AT BENT 12 TO BE REMOVED AND REPLACED WITH PREFORMED SILICONE JOINT. SEE DWG. NO. 65870.

REFERENCE TABLE

| BRIDGE NO. | EXISTING DWG. NO(S). |
|------------|------------------------------------|
| 06538 | 24644 |
| 00832 | 38035 |
| A6681 | 38046 |
| B6681 | 38047 |
| 07027 | 41887, 41888 |
| 06830 | 47012-47019, 41957-41959 |
| 06293 | 29657 |
| 06470 | 30805 |
| B3625 | 28007, 28008 |
| 05951 | 25100 |
| 05952 | 25112 |
| 06033 | 26307 |
| 07183 | 51174 |
| 07173 | 50908 |
| 06103 | 27029 |
| A2671 | 27040 |
| 02671 | 27039 |
| B5528 | 20970 - 20974 |
| A5528 | 20970 - 20976, 21001, 20955, 20956 |
| B5529 | 21031 - 21033 |
| A5529 | 21031 - 21033 |





| DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS | | | | |
|-----------------|-----------------|----------------------------------|-------|---------|--------------|-----------------|--|--|--|--|
| | | 6 | ARK. | 012443 | 23 | 28 | | | | |
| | | ALL BRIDGES - QUANTITIES - 65866 | | | | | | | | |



SCHEDULE OF BRIDGE QUANTITIES DISTRICTS 1 & 2 BRIDGE PRESERVATION (2023) (S) VARIOUS COUNTIÈS ROUTE VARIES SECTION VARIES ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

| DRAWN BY: | MKL | DATE: | 10/2022 |
|--------------|-------------|-------|---------|
| CHECKED BY: | ERBB | DATE: | 11/2022 |
| DESIGNED BY: | MKL | DATE: | 10/2022 |
| BRIDGE NO. | ALL BRIDGES | - | |

 2
 FILENAME:
 B012443_QX1.DGN

 2
 SCALE:
 NONE

DRAWING NO. 65866

SUMMARY OF QUANTITIES

| ITEM NUMBER | ІТЕМ | DIST. 1 QUANTITIES | DIST.2 QUANTITIES | PROJECT TOTAL QUANTITIES | UNIT |
|---------------|--|-----------------------|----------------------|--------------------------------|----------|
| 601 | MOBILIZATION | 0.96 | 0.04 | 1.00 | LUMP SUM |
| SP, SS, & 603 | MAINTENANCE OF TRAFFIC | 0.96 | 0.04 | 1.00 | LUMP SUM |
| SS & 604 | SIGNS | | | 3144 | SQ.FT. |
| SS & 604 | TRAFFIC DRUMS | | | 373 | EACH |
| 604 | REMOVABLE CONSTRUCTION PAVEMENT MARKINGS | 80881 | 3410 | 84291 | LIN. FT. |
| SS & 604 | ADVANCE WARNING ARROW PANEL | | | 465 | DAY |
| SP, SS, & 604 | PORTABLE CHANGEABLE MESSAGE SIGN | | | 80 | WEEK |
| SS & 604 | VERTICAL PANELS | | | 25 | EACH |
| 718 | REFLECTORIZED PAINT PAVEMENT MARKING WHITE (6") | 4057 | | 4057 | LIN. FT. |
| 718 | REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6") | 3516 | | 3516 | LIN. FT. |
| 719 | THERMOPLASTIC PAVEMENT MARKING WHITE (6") | 38268 | 1764 | 40032 | LIN FT |
| 719 | THERMOPLASTIC PAVEMENT MARKING YELLOW (6") | 34656 | 1598 | 36254 | LIN. FT. |
| 721 | RAISED PAVEMENT MARKERS (TYPE II) | 348 | 16 | 364 | EACH |
| | STRUCTURES OVER 20' SPAN | | | - | |
| 636 | BRIDGE CONSTRUCTION CONTROL | 0.96 | 0.04 | 1.00 | LUMP SUM |
| SS & 804 | REINFORCING STEEL-BRIDGE (GRADE 60) | 18450 | 540 | 18990 | POUND |
| SS & 804 | EPOXY COATED REINFORCING STEEL (GRADE 60) | 25680 | 1350 | 27030 | POUND |
| SS & 809 | SILICONE JOINT SEALANT | 5297 | 1180 | 6477 | LIN.FT. |
| SP | BRIDGE BACKWALL MODIFICATION | 272 | | 272 | SQ.FT. |
| SP | BRIDGE DECK REPAIR FOR POLYMER OVERLAYS | 69598.2 | 2200.0 | 71798.2 | SQ.FT. |
| SP | BRIDGE JOINT MODIFICATION | 54 | | 54 | SQ.FT. |
| SP | POLYMER OVERLAY | 115176.8 | 4889.0 | 120065.8 | SQ. YD. |
| SP | PREFORMED SILICONE JOINT | 44 | | 44 | LIN.FT. |

REVISIONS

| DATE | REVISION | SHEET NUMBER |
|----------|--|--------------|
| 03/27/23 | REVISED GOVERNING SPECIFICATIONS. | 4 & 24 |
| 03/31/23 | REVISED JOINT REPAIR WIDTH SHOWN IN PLAN VIEW. | 24 & 28 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| 03-27-23 6 ARK. 012443 24 28 03-31-23 SUMMARY OF OLIANTITIES AND REVISIONS | DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|---|-----------------|-----------------|---------------------|--------|---------------|--------------|-----------------|
| | 03-27-23 | | 6 | ARK. | 012443 | 24 | 28 |
| SUMMARY OF GUARTITIES AND REVISIONS | 03-31-23 | | SUN | MARY (| DF QUANTITIES | AND RE | VISIONS |

ATE ARKANŠAS LICENSED PROFESSIONAL ENGINEER No.9678 J-31-23

BRIDGE PRESERVATION DATA TABLE

| DISTRICT | CURRENT CONST. CONTRACT SITE NO. | BRIDGE NO. | ORIGINAL CONTRACT NO. | COUNTY | ROUTE | SECTION | BRIDGE JOINT TREATMENT STD. DRAWING | BRIDGE JOINT TREATMENT LOCATION | |
|----------|---|------------|--------------------------|-------------|-------|---------|---|---|--|
| | 1 | 06538 | 020178 | GRANT | 35 | 2 | 55064 | BENTS 1 - 7 | |
| 2 | 2 | 00832 | 020112 | LINCOLN | 425 | 6 | 55064 | BENTS 1 - 4 | |
| Z | 3 | A6681 | 020112 | LINCOLN | 425 | 6 | 55064 | BENTS 1 - 7 | |
| | 4 | B6681 | 020112 | LINCOLN | 425 | 6 | 55064 | BENTS 1 - 7 | |
| | 5 | 07027 | 110503 | MONROE | 79 | 13 | N/A | N/A | |
| | 6 | 06830 | 110394 & 110395 | MONROE | 79 | 13 | N/A | N/A | |
| | 7 | 06293 | 110122 | WOODRUFF | 38 | 2 | 55064 | BENTS 1 - 8 | |
| | 8 | 06470 | R10044 | ST. FRANCIS | 1 | 11B | 55064 | BENTS 1 & 2 | |
| | 9 | B3625 | R10009 | ST. FRANCIS | I-40 | 51 | 55064 | BENTS 1 - 5 AND PIERS 1 - 9 | |
| | 10 | 05951 | 11961 | LEE | 79 | 16 | 55064 | BENTS 1, 5, & 9 | |
| | 11 | 05952 | 11961 | LEE | 79 | 16 | 55064 | BENTS 1, 5, & 15 | |
| | 12 | 06033 | 11967 | LEE | 79 | 16 | 55064 | BENTS 1 - 6 | |
| 1 | 13 | 07183 | 110528 | CRITTENDEN | 147 | 1 | 55064 | BENTS 1 & 6 | |
| | 14 | 07173 | 110514 | CRITTENDEN | 147 | 1 | N/A | N/A | |
| | 15 | 06103 | 110065 | CRITTENDEN | I-55 | 11 | 55064 | BENT 1 OUTSIDE LANE AND SHOULDER | |
| | 16 | A2671 | 110065 | CRITTENDEN | I-55 | 11 | 55064 | BENTS 1, 5 - 18, & 22 AND PIERS 1 & 2 | |
| | 17 | 02671 | 110065 | CRITTENDEN | I-55 | 11 | 55064 | BENTS 1 - 20 AND PIERS 1 & 2 | |
| | 18 | B5528 | 11921 | CRITTENDEN | I-55 | 11 | 55064 | BENTS 1, 5, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, & 48 | |
| | 19 | A5528 | 11921 | CRITTENDEN | I-55 | 11 | 55064 WITH BACKWALL MODIFICATION (SEE DWG. NOS. 65868 & 65869) AND JOINT MODIFICATION (SEE DWG. NO. 65870). | BACKWALL MODIFICATION: BENTS 1 & 48 JOINT MODIFICATION: BENT 12 55064: BENTS 5, 8, 16, 20, 24, 28, 32, 36, 40, & 44 | |
| | 20 | B5529 | 11921 | CRITTENDEN | I-55 | 11 | 55064 WITH BACKWALL MODIFICATION. SEE DWG. NOS. 65868 & 65869. | BACKWALL MODIFICATION: BENTS 1 & 12 55064: BENTS 5 & 9 | |
| | 21 | A5529 | 11921 | CRITTENDEN | I-55 | 11 | 55064 WITH BACKWALL MODIFICATION. SEE DWG. NOS. 65868 & 65869. | BACKWALL MODIFICATION: BENTS 1 & 12 55064: BENTS 5 & 9 | |



Cilfford.Weid 2/14/2023 2:29:23 PM WORKSPACE: ARDOT YYProjeskARDOT_192166-012443.Districts 1&2 Bridge Preservation (2023)(S)\Design\BRNDGE\Drawings\BO12443.DT.dgn

| DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------|---------------------|----------|-----------------|--------------|-----------------|
| | | 6 | ARK. | 012443 | 25 | 28 |
| | | | ALL BRID | DGES - DATA TAE | BLE - 658 | 67 |
| | | | | | | |

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BRIDGE PRESERVATION DATA TABLE DISTRICTS 1 & 2 ROUTE VARIES SECTION VARIES ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

| DRAWN BY: | MKL | DATE: | 10/2022 |
|--------------|-------------|-------|---------|
| CHECKED BY: | ERBB | DATE: | 11/2022 |
| DESIGNED BY: | MKL | DATE: | 10/2022 |
| BRIDGE NO. | ALL BRIDGES | - | |

DRAWING NO. 65867



NOTE: For "REMOVAL" and "CONSTRUCTION" details, see Dwg. No. 65869.

BRIDGE ENGINEER PRINT DATE: 2/14/2023

| DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------|---------------------|----------|-----------------|--------------|-----------------|
| | | 6 | ARK. | 012443 | 26 | 28 |
| | | A5528, | B5529, 8 | k A5529 - BACKW | ALL MO | D65868 |

GENERAL NOTES

The proposed work is to be done in phases and consists of the removal of portions of the existing abutment backwall to sound concrete and replacement with elastomeric mortar in accordance with the details and SP Job 012443 "Bridge Backwall Modification" as well as joint repair. Stage construction phases shall be consistent with the Maintenance of Traffic Details. Backwall repair for both phases of construction shall be paid for as "BRIDGE BACKWALL MODIFICATION". Joint repair for both phases of construction shall be paid for as "SILICONE JOINT SEALANT".

Dimensions shown are based on original plans and limited field measurements. The Contractor shall check measurements and inspect conditions of concrete and joint armor anchorage and make adjustments to lengths and depths as necessary.

All material removed and not incorporated into the finished property shall become the property of the Contractor and shall be removed and disposed of

Material used in the repair areas shall be elastomeric mortar in accordance with the requirements of SP Job 012443 "Bridge Backwall Modification".

Any repairs required between stage construction phases should be transitioned in accordance with the manufacturer's recommendations.

Elastomeric mortar shall be hand packed under the existing armor where present.

Saw cut rough edges of existing armor to create a clean transition.



See "POURED SILICONE JOINT SEAL DETAILS" on Std. Dwg. No. 55064 for additional information.



SHEET 1 OF 2 BACKWALL MODIFICATION DETAILS ROUTE I-55 SECTION 11 ARKANSAS STATE HIGHWAY COMMISSION LITTLE ROCK, ARK.

| | | | , | | |
|--------------|---------------|--------|----------------|-----------|-----------------|
| DRAWN BY: | MKL | DATE: | 11/2022 | FILENAME: | B012443_BW1.DGN |
| CHECKED BY: | ERBB | SCALE: | AS SHOWN | | |
| DESIGNED BY: | MKL | | | | |
| BRIDGE NO | . A5528, B552 | DRAW | /ING NO. 65868 | | |



Clifford,Weld 2/14/2023 2:29:24 PM WORKSPACE: ARDOT Yt.NProjects/ARDOT_192166_012443_Districts 1&2 Bridge Preservation (2023) (S)\Design\BR1DGE\Drawings\B012443_BW2

BRIDGE ENGINEER PRINT DATE: 2/14/2023

| DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------|---------------------|----------|-----------------|--------------|-----------------|
| | | 6 | ARK. | 012443 | 27 | 28 |
| | | A5528, | B5529, 8 | & A5529 - BACKV | /ALL MO | D 65869 |

GENERAL NOTES

The proposed work is to be done in phases and consists of the removal of portions of the existing abutment backwall to sound concrete and replacement with elastomeric mortar in accordance with the details and SP Job 012443 "Bridge Backwall Modification" as well as joint repair. Stage construction phases shall be consistent with the Maintenance of Traffic Details. Backwall repair for both phases of construction shall be paid for as "BRIDGE BACKWALL MODIFICATION". Joint repair for both phases of construction stall be phase of construction shall be paid for as "SILICONE JOINT SEALANT".

Dimensions shown are based on original plans and limited field measurements. The Contractor shall check measurements and inspect conditions of concrete and joint armor anchorage and make adjustments to lengths and depths as necessary.

All material removed and not incorporated into the finished property shall become the property of the Contractor and shall be removed and disposed of.

Material used in the repair areas shall be elastomeric mortar in accordance with the requirements of SP Job 012443 "Bridge Backwall Modification".

Any repairs required between stage construction phases should be transitioned in accordance with the manufacturer's recommendations.

 $\ensuremath{\mathsf{Elastomeric}}$ mortar shall be hand packed under the existing armor where present.

Saw cut rough edges of existing armor to create a clean transition.

1 When broken or spalled concrete is greater than dimension shown, chip to sound concrete and sawcut squares/rectangle around damaged area.



SHEET 2 OF 2 BACKWALL MODIFICATION DETAILS ROUTE I-55 SECTION 11 ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

| DRAWN BY: | MKL | DATE: | 11/2022 | FILENAME: | B012443_BW2.DGN |
|--------------|-------------|-------|----------------|-----------|-----------------|
| CHECKED BY: | ERBB | DATE: | 11/2022 | SCALE: | 3" = 1'-0" |
| DESIGNED BY: | MKL | DATE: | 11/2022 | | |
| BRIDGE NO | A5528, B552 | DRAW | 'ING NO. 65869 | | |



| DATE REVISED | DATE REVISED | FED.RD. DIST.NO. | STATE | JOB NO. | SHEET NO. | TOTAL SHEETS | | | | |
|-----------------|-----------------|------------------------------------|-------|---------|--------------|-----------------|--|--|--|--|
| 3-31-2023 | | 6 | ARK. | 012443 | 28 | 28 | | | | |
| | | A5528 - JOINT MODIFICATION - 65870 | | | | | | | | |

The proposed work is to be done in phases and consists of the removal of portions of the existing deck at Bent 12 to sound concrete and replacement with elastomeric mortar in accordance with the details and SP Job 012443 "Bridge Joint Modification". Stage construction phases shall be consistent with the Maintenance of Traffic Details. Deck repair of Poot 12 for the output of bottom chall be acid for a "BNDCE LOUNT" at Bent 12 for the extents shown shall be paid for as "BRIDGE JOINT MODIFICATION". The preformed silicone joint seal shall be paid for in accordance with SP Job 012443 "Preformed Silicone Joint Seal".

Dimensions shown are based on original plans and limited field measurements. The Contractor shall check measurements and inspect conditions of concrete and joint armor anchorage and make adjustments

All material removed and not incorporated into the finished property shall become the property of the Contractor and shall be removed and disposed of. The portion of existing slider plate shall be removed and disposed of in accordance with Section 821. Removal and disposal of existing slider plate material will not be paid for directly, but shall be considered subsidiary to the item "BRIDGE JOINT MODIFICATION".

Material used in the repair areas shall be elastomeric mortar in accordance with the requirements of SP Job 012443 "Bridge Joint

Any repairs required between stage construction phases should be transitioned in accordance with the manufacturer's recommendations

Preformed silicone joint seal and locking adhesive materials shall be in accordance with the requirements of SP Job 012443 "Preformed Silicone Joint Seal". The preformed silicone joint seal shall have a movement

JOINT MODIFICATION DETAILS ROUTE I-55 SECTION 11 ARKANSAS STATE HIGHWAY COMMISSION

| MKL | DATE: | 11/3 |
|------|-------|------|
| ERBB | DATE: | 11/ |
| MKL | DATE: | 11/ |
| | | |

2022 FILENAME: B012443_JT.DGN SCALE: AS SHOWN

DRAWING NO. 65870





FILMED

| | 5. 6 | | | | | | | ADVANCE DISTANCES | |
|---------------------------------------|--|--------------------------------|---------------------------------|--|---------------------------|----------------|---|--|--|
| RI-I | RI-2 | R2-I | W3-5 | W3-5a | R4-I | R4-2 | | 500 FT 1/2 MILE | |
| | YIFL D | SPEED | | \wedge | | PASS | | 1000 FT 74 MILE 1500 FT I MILE | |
| CTAD | TILLED | LIMIT | SPEED | XX MPH | | | GENERAL NOTES: | AHEAD | |
| J JUL | | 501 | | SPEED ZONE | | | I. ALL TRAFFIC CONTROL DEVICE THE MANUAL ON UNIFORM TR | S USED ON ROAD CONSTRUCTION SHALL CONFORM TO RAFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE | |
| | | | | AIILAD | TASS | | STANDARD HIGHWAY SIGNS, LAT HIGHWAY ADMINISTRATION. | TEST EDITION, OR AS APPROVED BY THE FEDERAL | |
| | V | | × | Ň | | | 2. TRAFFIC CONTROL DEVICES SH | ALL BE SET UP JUST BEFORE THE START OF CONSTRUCTION | |
| STANDARD 30"X30" | STD. 36"X36"X36" | STD. 24"X30" EXPWY. 36"X48" | STD. 36"X36" EXPWY. 48"X48" | STD. 36"X36" EXPWY. 48"X48" | STD. 24"X30" | STD. 24"X30" | EXIST. THEY SHALL REMAIN IN | PLACE ONLY AS LONG AS NEEDED AND REMOVED THEREAFTER. | |
| EXPRESSWAY 36"X36" SPECIAL 48"X48" | EXPWY. 48"X48"X48" FWY. 60"X60"X60" | FWY. 48"X60" | FWY. 48"X48" | FWY. 48"X48" | FWY. 48"X60" | FWY. 48"X60" | 3. EXISTING SIGNS AND CONSTRUC CLEAN AND LEGIBLE AT ALL 1 | CTION SIGNS SHALL BE KEPT IN PROPER POSITION, AND BE TIMES. SIGNS THAT DO NOT APPLY TO EXISTING CONDITIONS | |
| R5-I | RII-2 | RII-3A | RII-4 | W2I-5a | WI-I | WI-2 | - SHALL BE REMOVED. SIGNS TH DURING CONSTRUCTION SHALL | AT ARE DAMAGED, DEFACED, OR THAT ACCUMULATE DIRT BE CLEANED, REPAIRED, OR REPLACED. | |
| | | | | \wedge | | | • 4. SIGNS ARE USUALLY MOUNTED OR LARGER THAN IO SOLET.S | • 4- SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" | |
| DO NOT | ROAD | ROAD CLOSED | ROAD CLOSED | RIGHT | | | BARRICADE. | | |
| | | XX MILES AHEAD | TO | | | | • 5. SIGN POSTS DIRECT BURIED IN WOOD POSTS. CHANNEL POSTS | SOIL SHALL BE 2 LB. MINIMUM CHANNEL POST OR 4"×4" S SHALL BE PAINTED GREEN. WOOD POSTS SHALL BE PAINTED DETAILY CONSTRUCTED AND CHAN BE PERFORMED OF | |
| ENIER | I ULUSED | LOCAL TRAFFIC ONLY | IHRU_IRAFFIC | | | | REPAIRED AS NEEDED FOR THE 2 POSTS IN A 7' PATH FOR W | E DURATION OF THE JOB. THERE SHALL NOT BE MORE THAN | |
| STD. 30"X30" | | | | | CTD | | SHALL BE IN ACCORDANCE WITH | H STANDARD DRAWING TC-3. | |
| EXPWY. 36"X36" SPECIAL 48"X48" | 48″X30″ | 60"X30" | 60"X30" | FWY. 48"X48" | FWY. 48"X48" | FWY. 48"X48" | THE SIGN FROM 6 TO 12 FEET BARRICADE MOUNTED SIGNS SH | FROM THE PAVEMENT EDGE, SIGNS IN URBAN AREAS AND ALL BE MOUNTED A MINIMUM OF 2 FEET FROM THE PAVEMENT | |
| WI-3 | WI-4 | WI-6 | WI-8 | W3-I | W3-2 | W4-2 | EDGE. | JNTED SIGNS MOUNTED IN LIRBAN AREAS SHALL BE MOUNTED | |
| | | | | | | | A MINIMUM DISTANCE OF 7' FRO ALL POST AND BARRICADE MOL | M THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE. JNTED SIGNS MOUNTED IN RURAL AREAS SHALL BE MOUNTED | |
| | | | | | | | A MINIMUM DISTANCE OF 7' FRO EXCEPT A MINIMUM OF 6' SHAL | DM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE, L BE USED WHEN MOUNTING AN ADVISORY SIGN BELOW A | |
| | | | | | $ \langle \nabla \rangle$ | | WARNING SIGN. TEMPORARY SIG INTERMEDIATE TERM STATIONAR | NS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR RY WORK CONDITIONS. THE SIGNS MINIMUM MOUNTING HEIGHT | |
| | | | | | | | MOUNTED ON PORTABLE SUPPO | RTS FOR SHORT-TERM, SHORT DURATION, AND MOBILE 0 IFSS THAN ONF (DECOT ABOVE THE TRAVEIED WAY. | |
| | | STD. 48"X24" | STD. 18"X24" SPECIAL 24"X30" | STD. 36"X36" | | STD. 36"X36" | LONG-TERM STATIONARY SIGNS NECESSITATE THE USE OF POR | SHALL BE DIRECT BURIED IN SOIL, UNLESS CONDITIONS TABLE SIGNS, OR AS APPROVED BY THE ENGINEER. CONCRETE | |
| STD. 48"X48" | STD. 48"X48" | SI ECIAL OU AGO | EXPWY. 30"X36" FWY. 36"X48" | SPECIAL 48"X48" | SPECIAL 48"X48" | FWY. 48"X48" | PADS, CONCRETE OR ROCK BAL WITH PORTABLE SIGN SUPPORT | LAST, OR OTHER SOLID MATERIALS SHALL NOT BE UTILIZED S. | |
| W5-I | W6-3 | W8-7 | W9-2 | WI3-I | W20-I | W20-2 | W20-3 | 8. FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDLES. FLAGS MAY BE USED ONLY FOR EMERGENCY | |
| | \wedge | | \wedge | $ \land \land \land \land \land \land$ | \wedge | | | 9. MOST OF THE SIGNS SHOWN ARE ORIENTED TO THE | |
| ROAD | | LOOSE | LANE ENDS | | ROAD | DETOUR | ROAD | RIGHT. HOWEVER, THIS DOES NOT PRECLUDE THE USE OF MIRROR IMAGES OF THESE SIGNS WHERE THE DEVELOPE OPENHEATION MULTIPETED CONVERTION | |
| NARROWS | | GRAVEL | MERGE | | | | | MOTORISTS THE PROPER DIRECTION OF MOVEMENT. | |
| | | | RIGHT | M.P.H. | | | | IO. R55-ISIGNS SHALL BE PLACED AT LEAST ISOO'BUT NOT MORE THAN IMILE IN ADVANCE OF THE WORK ZONE. IF A SPEED LIMIT REDUCTION IS IN FEFECT. | |
| STD. 36"X36" | ~ | , v | STD. 36"X36" | | | | Ť, | THE SIGN SHALL BE PLACED A MINIMUM OF 500' IN ADVANCE OF THE "REDUCED SPEED AHEAD" SIGN. | |
| SPECIAL 48"X48" | EXPWY. 36"X36" SPECIAL 48"X48" | EXPWY. 36"X36" FWY. 48"X48" | FWY. 48"X48" | STD. 24"X24" | STD. 48"X48" | STD. 48"X48" | STD.48"X48" | • NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND | |
| W20-4 | W20-5 | W20-7a | W2I-2 | W2I-5 | W24-I | WI-4b | R56-I | - VERTICAL PANELS THAT ARE DIFFERENT FROM THE REQUIREMENTS SHOWN IN NOTES 4 & 5, BUT MFFT THE REQUIREMENTS OF MANUAL FOR | |
| | | | \wedge | \wedge | | | | ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED, COMPLIANCE WITH THE DEOUTEDENENCE OF MANUAL FOR ACCESCING | |
| ONE LANE | RIGHT LANE | ("Ť ') | FRESH | | | | CONTROLLED ACCESS HWY. | SAFETY HARDWARE (MASH) IS REDUIRED FOR ALL PROJECTS. | |
| | | | | WORK | $ \langle\rangle\rangle$ | | NO | 11-07-19 REVISED FOR MASH 4-13-17 DELETED RSP-1 & ADDED W21-50 | |
| | | 18" 500 FEET W16-2 | | | | | EXIT | 9-2-15 REVISED REDUCED SPEED LIMIT AHEAD SIGNS REVISED ROAD WORK NEXT XX MILES | |
| Ť Ť | CTD 10m 10m | 24" | STD. 30"X30" | STD. 30"X30" | | STD 40///40/ | | II-17-10 DELETED W8-90 & ADDED W8-9 II-17-10 DELETED W8-90 & ADDED W8-9 III-17-10 DELETED W8-90 & ADDED SIGN W24-1 | |
| STD. 48"X48" | SID. 48"X48" | STD. 36"X36" FWY. 48"X48" | SPECIAL 36"X36" | SPECIAL 36"X36" | 310° 36° X36° | 510. 48", 248" | SID. 18"X18" | 4-17-08 REVISED SIGN DESIGNATIONS | |
| W8-II | W8-9 | G20-I | G20-2 | OM-3L OM-3R | M4-9 | M4-I0 | R55-I | 10-9-03 REVISED NOTE I II-16-01 REVISED NOTE 7 | |
| <u> </u> | | | | | | | | 9-28-00 REVISED NOTE 1-18-98 ADDED NOTE | |
| | | | | TELLOW | DETOUR | | | 6-26-97 REVISED NOTE 5 4-03-97 REVISED NOTE 5 | |
| | | ROAD WORK | END | | | DETOUR | IN WORK ZONES | 10-18-96 ADDED CONTROLLED ACCESS HWY, SIGN & TO NOTE 7 10-12-95 ADDED R55-1 | |
| LANES | | NEXT XX MILES | ROAD WORK | BLACK⊷ | | | WHEN WORKERS | 6-8-95 REVISED TO CORRECT SIGN ILLUSTRATIONS 6-8-95 2-2-95 REVISED PER PART VI, MUTCD SEPT. 3, 1993 | |
| | | | | | STD. 30"X24" | | ARE PRESENT •• | DATE REVISION FILMED | |
| STD. 36"X36" | STD. 36"X36" | | 48"¥24" | | SPECIAL 48"X36" | 48"XI8" | 36"X60″ | ARKANSAS STATE HIGHWAY COMMISSION STANDARD TRAFFIC CONTROLS | |
| FWY. 48"X48" | FWY. 48"X48" | 60"X24" | | I2"X36" | SPELIAL 60"X48" | | • USE 6" C LETTERS | FOR HIGHWAY CONSTRUCTION | |
| | | | | | | | •• USE 4" D LETTERS | STANDARD DRAWING TC-I | |

| MIL | 1/2 | FT | 500 |
|--------|-----|----|------|
| MIL | 3/4 | FT | 1000 |
| MILE | 1 | FT | 1500 |
| AHE A(| 4 | | |



