

JOB C16014
JONESBORO BROWNS LN. &
RACE ST. OVERLAY (S)
BROWNS LN. & RACE ST.
CRAIGHEAD COUNTY



APPROXIMATE MIDPOINT
 OF SECTION 1
 LATITUDE: N 35° 49' 06"
 LONGITUDE: W 90° 41' 05"

Freeling, Bryan E.
 Oct 27 2023 3:28 PM

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ROADWAY STANDARD DRAWINGS

DRWG. NO.	TITLE	DATE
PM-1	PAVEMENT MARKING DETAILS	02-27-20
TC-1	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	11-07-19
TC-2	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	05-20-21
TC-3	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	08-12-21

GOVERNING SPECIFICATIONS

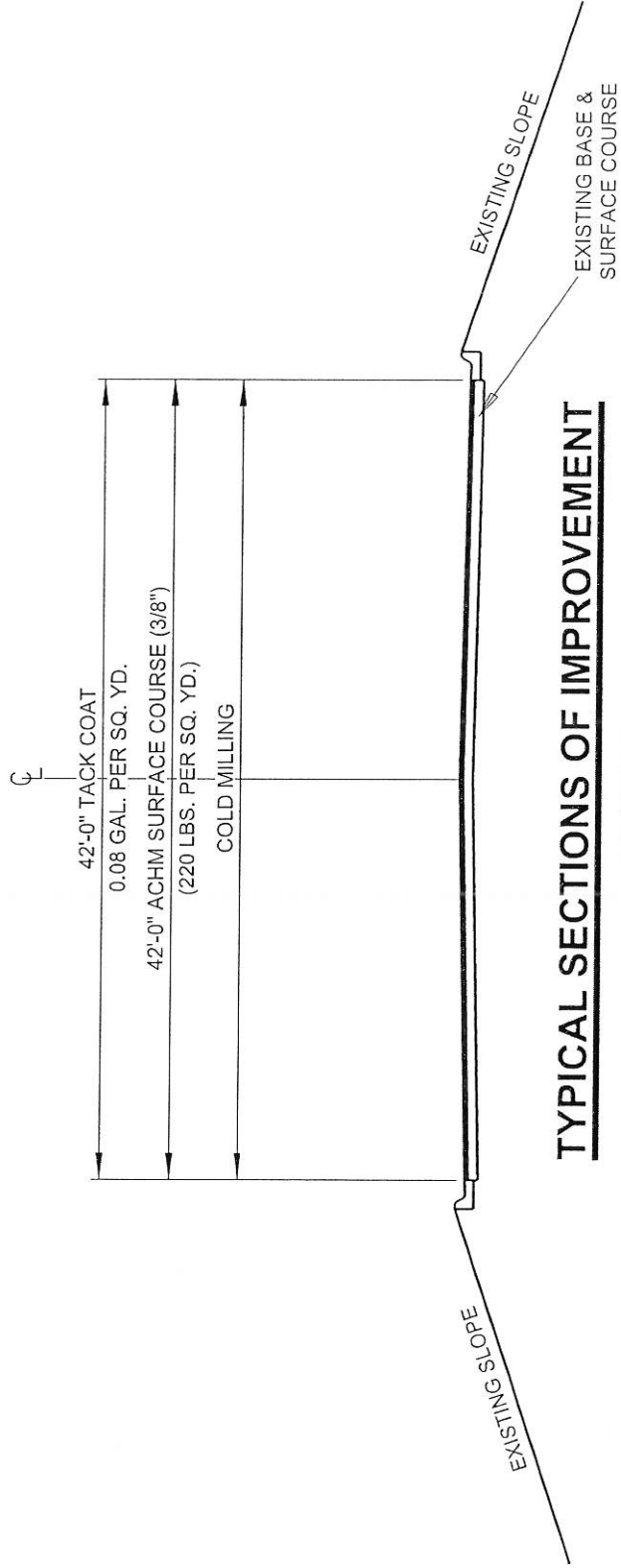
ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION,
EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS.

NUMBER	TITLE
ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
100-3	CONTRACTOR'S LICENSE
100-4	DEPARTMENT NAME CHANGE
102-2	ISSUANCE OF PROPOSALS
105-4	MAINTENANCE DURING CONSTRUCTION
107-2	RESTRAINING CONDITIONS
108-1	LIQUIDATED DAMAGES
108-2	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
306-1	QUALITY CONTROL AND ACCEPTANCE
400-1	TACK COATS
400-4	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
400-5	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6	LIQUID ANTI-STRIP ADDITIVE
400-7	TRACKLESS TACK
404-3	DESIGN OF ASPHALT MIXTURES
410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
410-4	EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL
604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
604-3	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
JOB C16014	ADJUSTMENT OF QUANTITIES FOR STATE-AID STREET PROJECTS
JOB C16014	BIDDING REQUIREMENTS AND CONDITIONS
JOB C16014	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB C16014	DENSITIES FOR ACHM SURFACE COURSE
JOB C16014	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB C16014	MANDATORY ELECTRONIC CONTRACT
JOB C16014	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB C16014	RESTRICTIONS ON THE USE OF RECYCLED ASPHALT PAVEMENT MATERIAL
JOB C16014	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB C16014	WARM MIX ASPHALT

GENERAL NOTES

1. 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 AS APPROVED BY THE RESIDENT ENGINEER.
2. SUPPLYING UTILITY RISERS AND INSTALLATION OF PERMANENT TRAFFIC SAFETY SIGNS NOT SHOWN IN THE PLANS IS THE RESPONSIBILITY OF THE CITY OF JONESBORO.
3. CONTRACTOR TO COORDINATE WITH THE CITY OF JONESBORO FOR THE ADJUSTMENT OF MANHOLES AND WATER VALVE COVERS.

NOTE: DETAILS MAY BE MODIFIED TO MEET LOCAL
CONDITIONS AS DIRECTED BY THE ENGINEER.



TYPICAL SECTIONS OF IMPROVEMENT

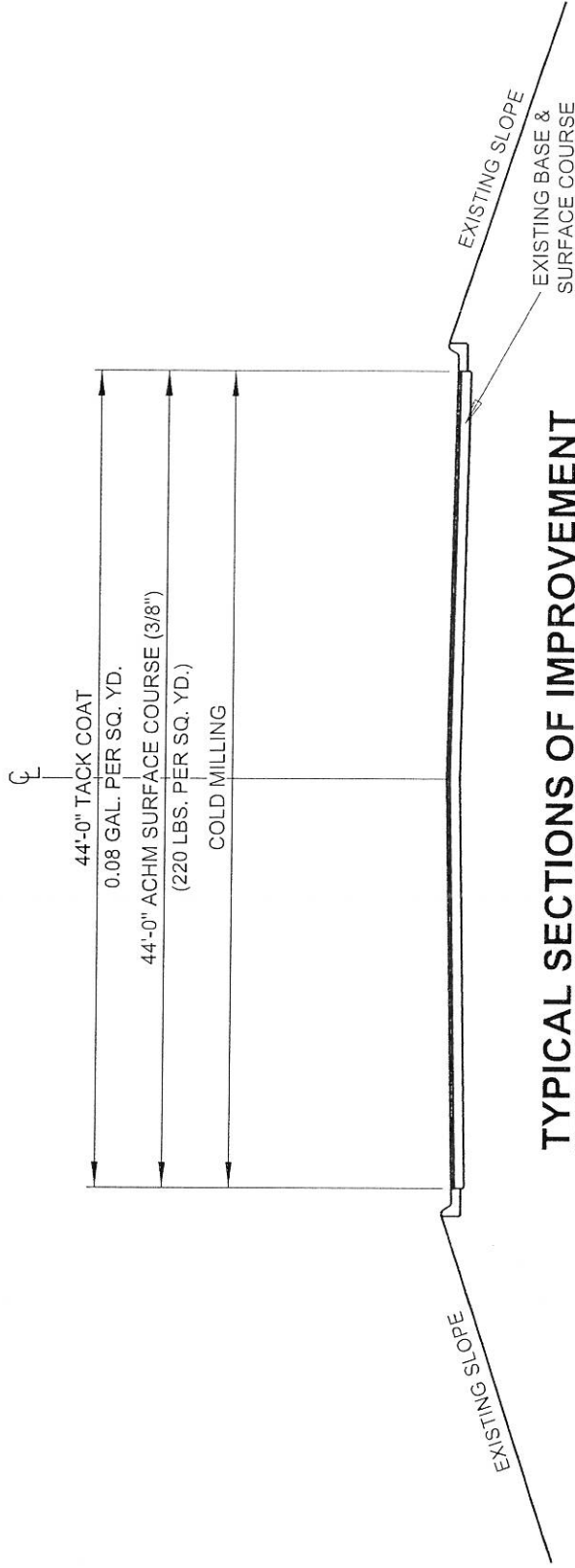
JONESBORO

SECTION 1, RACE ST. - L.M. 0.00 TO 0.25

JOB C16014

SHEET 5 OF 14

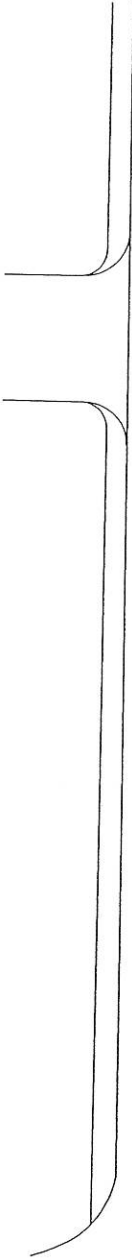
NOTE: DETAILS MAY BE MODIFIED TO MEET LOCAL
CONDITIONS AS DIRECTED BY THE ENGINEER.



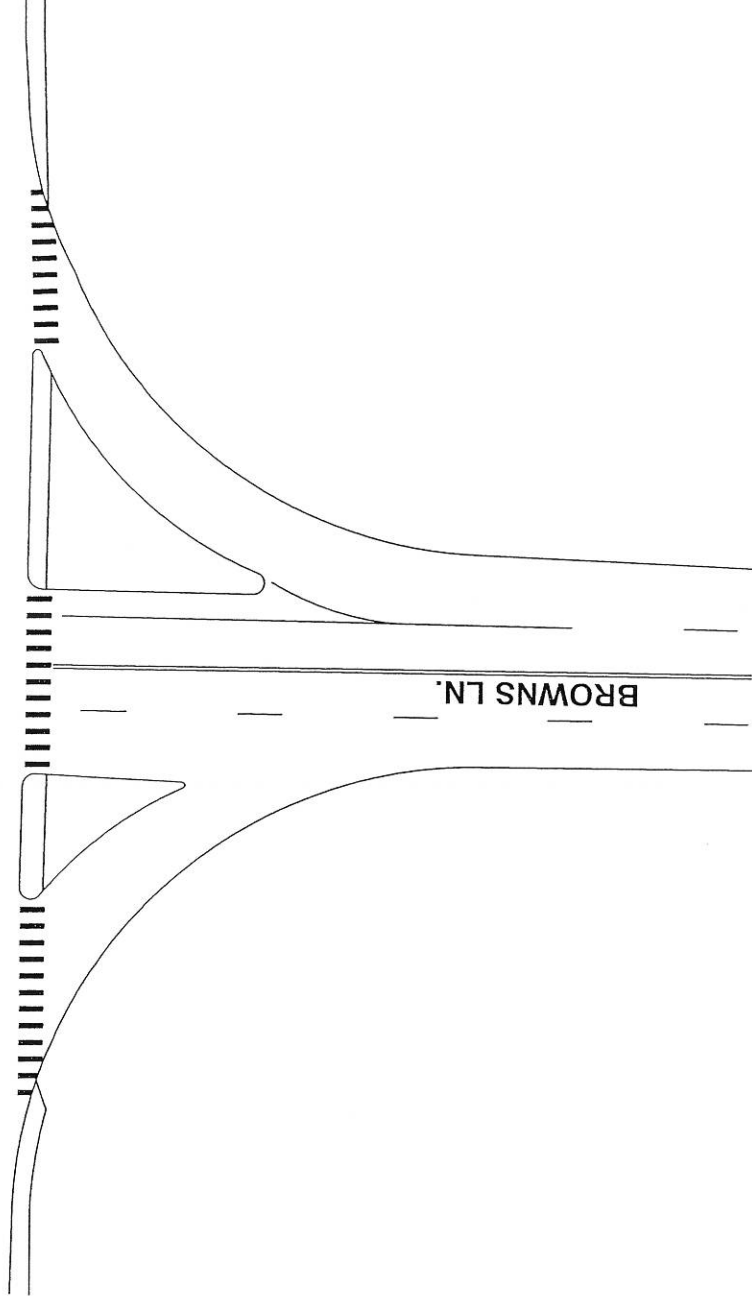
TYPICAL SECTIONS OF IMPROVEMENT

JONESBORO

SECTION 2, BROWNS LN. - L.M. 0.00 TO 0.95

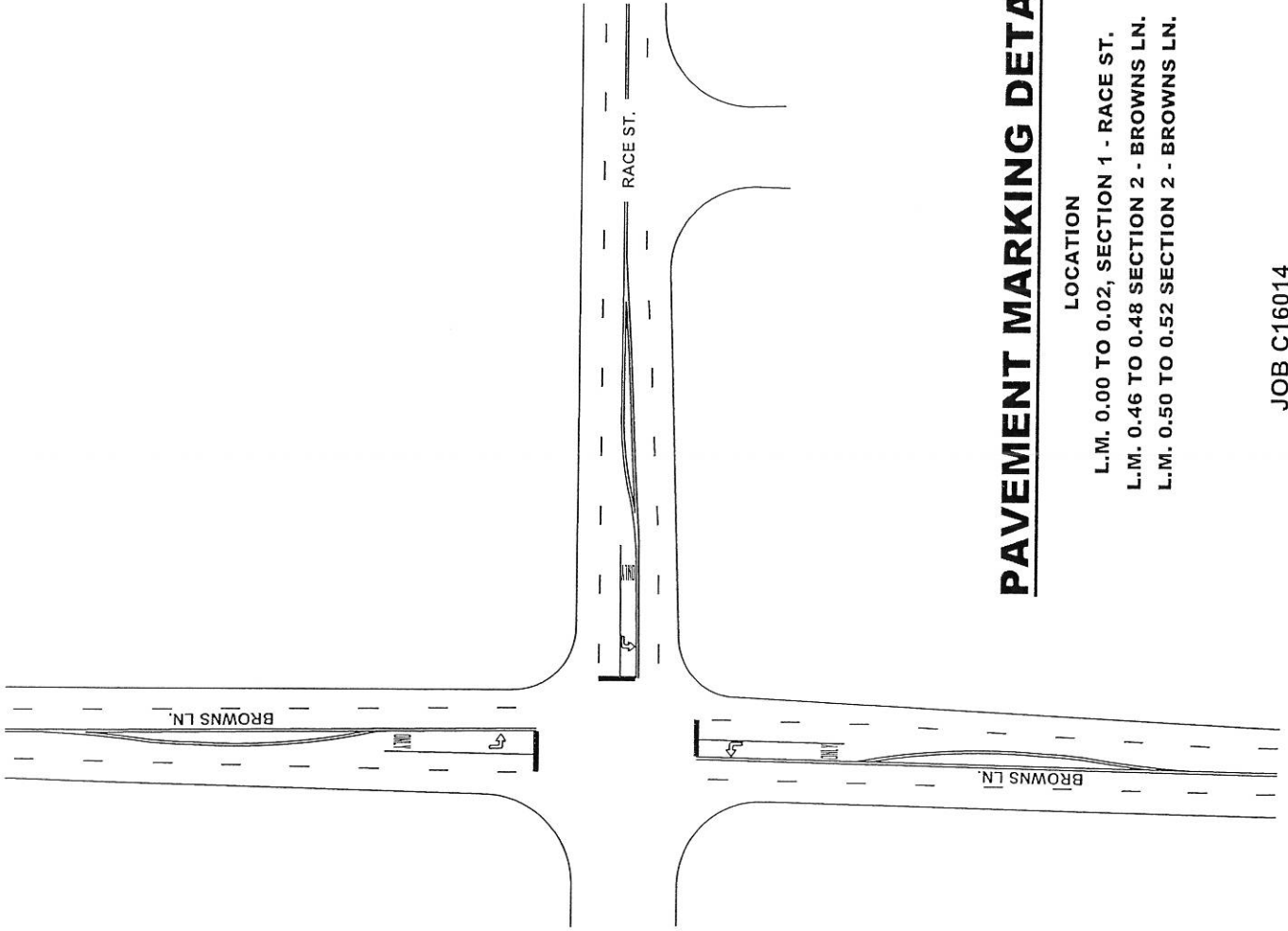
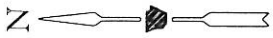


E. HIGHLAND DR.



PAVEMENT MARKING DETAILS

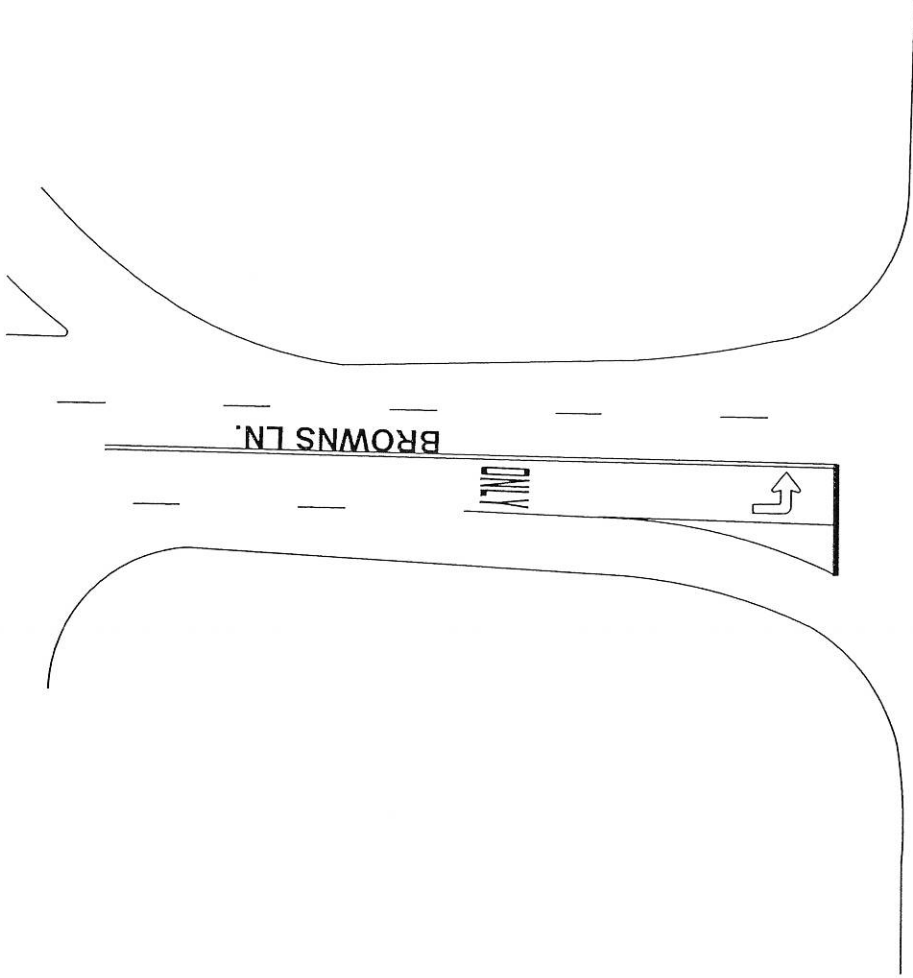
LOCATION
L.M. 0.00 TO 0.02, SECTION 2



PAVEMENT MARKING DETAILS

LOCATION

- L.M. 0.00 TO 0.02, SECTION 1 - RACE ST.
- L.M. 0.46 TO 0.48 SECTION 2 - BROWNS LN.
- L.M. 0.50 TO 0.52 SECTION 2 - BROWNS LN.



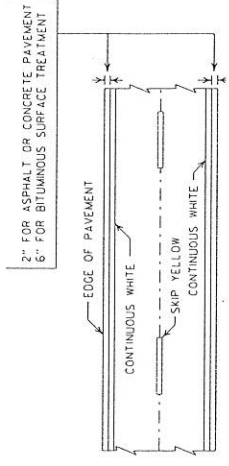
BROWNS ACCESS LN.

PAVEMENT MARKING DETAILS

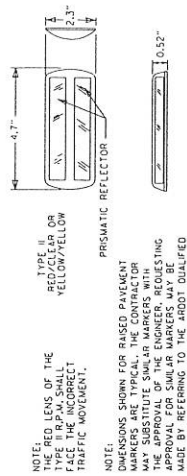
LOCATION
L.M. 0.93 TO 0.95, SECTION 2

JOB C16014

- NOTES:
1. REFER TO THE STRIPING DETAILS FOR PAVEMENT MARKING LINE WIDTHS.
 2. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE LATEST REVISED ADDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 3. RAISED PAVEMENT MARKERS SHALL BE PLACED ON AN 80 FEET SPACING UNLESS OTHERWISE SHOWN IN THE PLANS.

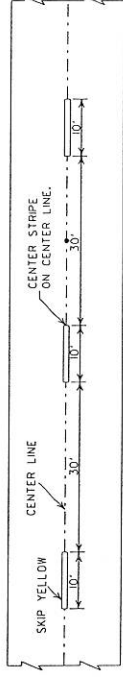


PAVEMENT EDGE LINE MARKING

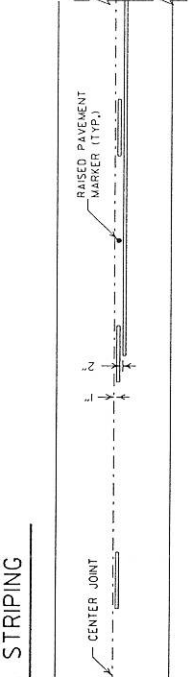


DETAIL OF STANDARD RAISED PAVEMENT MARKERS

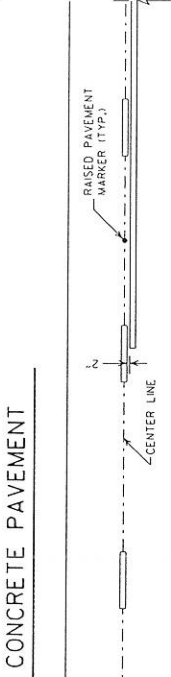
NOTE: DIMENSIONS SHOWN FOR RAISED PAVEMENT MARKERS ARE TYPICAL. THE CONTRACTOR SHALL VERIFY THE MARKER DIMENSIONS AND THE APPROVAL OF THE ENGINEER BEFORE THE APPROVAL FOR SIMILAR MARKERS MAY BE MADE BY REFERRING TO THE AASHTO QUALIFIED PRODUCTS LIST.



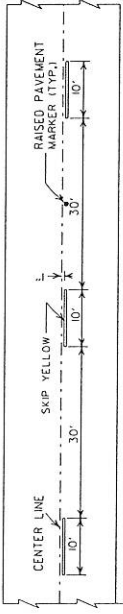
ASPHALT PAVEMENT



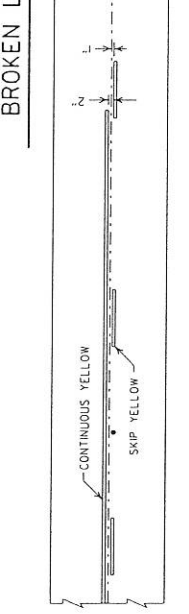
BROKEN LINE STRIPING



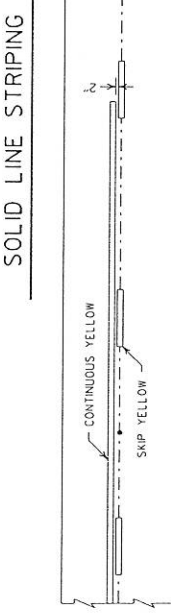
SOLID LINE STRIPING ON CONCRETE PAVEMENT



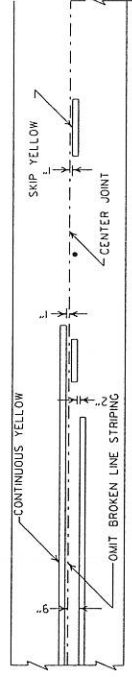
CONCRETE PAVEMENT



BROKEN LINE STRIPING



SOLID LINE STRIPING ON ASPHALT PAVEMENT

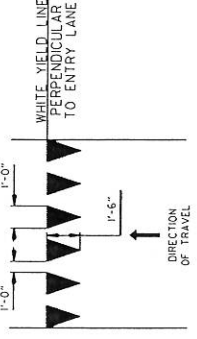


CONCRETE PAVEMENT

STRIPING AT ADJACENT NO PASSING LANES

12" STOP LINE OFFSET STOP LINE 4' FROM CROSSWALK

12" CROSSWALK STRIPES TO 4" WIDE - PLACED 4' OFFSET NEAR EDGE OF CROSSWALK 3 FT. MIN. FROM LINE EDGE



YIELD LINE DETAIL

CROSSWALK AND STOP LINE DETAILS

DATE	REVISION
2-27-20	REVISED STOP LINE DETAILS
6-1-17	ADDED YIELD LINE DETAIL
5-12-16	REVISED LINE WIDTHS, SPACING, & NOTES
9-12-13	REVISED DETAIL OF STANDARD RAISED PAVEMENT MARKERS
11-17-10	REVISED GENERAL MARKERS
11-18-04	REVISED FLOWABLE PAINT MARKERS
11-18-04	REVISED NOTE 2 & GENERAL
8-22-02	ADDED CROSSWALK & STOPBAR DETAILS
7-02-98	REVISED DETAIL OF STOP MARKERS
4-26-96	REVISED NOTES 38-47, 200BET, P.P.M.
DATE	DRAWN
DATE	REVISION

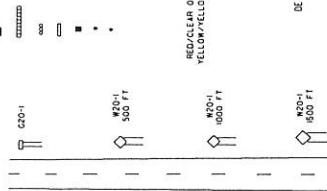
ARKANSAS STATE HIGHWAY COMMISSION

PAVEMENT MARKING DETAILS

STANDARD DRAWING PM-1

KEY:

- FLAGGER
- POSITIVE BARRIER
- ARROW PANEL OF REQUIRED
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- TRAFFIC DAWM
- RAISED PAVEMENT MARKER



TYPICAL ADVANCE WARNING SIGN PLACEMENT TAPER FORMULAE

L = WS² FOR SPEEDS OF 45MPH OR MORE.
 L = 60 FOR SPEEDS OF 40MPH OR LESS.
 WHERE:
 L = MINIMUM LENGTH OF TAPER.
 W = WIDTH OF PAVEMENT MARKER.
 WS = WIDTH OF OFFSET.

GENERAL NOTES:
 1. THE MAINTENANCE DIVISION SHALL CONDUCT A BALL BANK STUDY TO DETERMINE THE ADVISORY SPEED LIMIT PRIOR TO OPENING TO TRAFFIC. USE W-4 WHEN SPEED IS GREATER THAN 30MPH AND W-3 WHEN 30MPH OR LESS.
 2. REQUIRE A SPEED LIMIT OF 45MPH AND THE PLANS OMITTED AND THE W-3'S SHALL BE INSTALLED AT THAT LOCATION. THE ADVISORY SPEED LIMIT SHALL BE INSTALLED AT A MAXIMUM OF 1/4 MILE INTERVALS SOONS SHALL BE AT THE END OF THE WORK AREA A 20'-180' TAPER.
 3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 50MPH, THE R2-45'S SHALL BE OMITTED.
 4. AREA A REVISIONS SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT. AREA A REVISIONS SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT. AREA A REVISIONS SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT. AREA A REVISIONS SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
 5. WARNING LIGHTS AND/OR FLAGS MAY BE OMITTED.
 6. CHANNELIZING DEVICES AT NIGHT AS NEEDED.
 7. TRAFFIC MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CONSPICUOUS MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE PAVEMENT SHALL BE INSTALLED AT 10' INTERVALS. THE DEVICES BEHIND A POSITIVE BARRIER THESE DEVICES SHALL BE SPACED AT 10' INTERVALS. THE DEVICES BEHIND A POSITIVE BARRIER THESE DEVICES SHALL BE SPACED AT 10' INTERVALS. THE DEVICES BEHIND A POSITIVE BARRIER THESE DEVICES SHALL BE SPACED AT 10' INTERVALS.
 8. CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
 9. CONTRACTOR MAY SUBSTITUTE SIMILAR MARKERS WITH THE APPROVAL OF THE ENGINEER, REQUESTING APPROVAL FOR SMALL MARKERS, MAY BE USED FOR SMALL MARKERS, MAY BE USED FOR SMALL MARKERS, MAY BE USED FOR SMALL MARKERS.
 10. ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE INASH.

ARIZONA STATE HIGHWAY COMMISSION
 STANDARD TRAFFIC CONTROLS
 FOR HIGHWAY CONSTRUCTION
 STANDARD DRAWING TC-2

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	10/1/73
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(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.

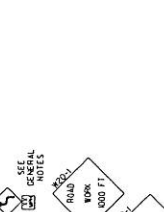
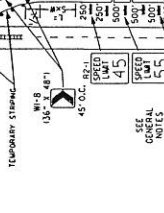
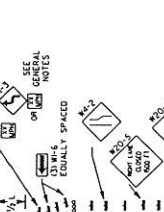
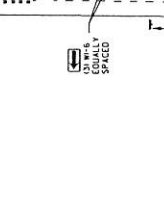
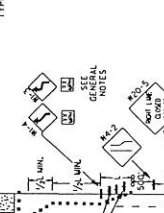
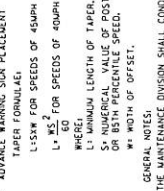
(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.

(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.

(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.

(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.

(F) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WITH INSIDE LANE CLOSED.



NOTES:
 1. REGULATORY TRAFFIC CONTROL DEVICES TO BE USED AS NEEDED FOR THE DURATION OF THE DETOUR.
 2. STREETS MAY BE USED WHEN DESIRABLE FOR UNBLOCKING DETOURED TRAFFIC.

NOTES:
 1. FLOOD LIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.
 2. ENTIRE WORK AREA IS VISIBLE FROM ONE STATION, A SINGLE FLAGGER MAY BE USED.
 3. CHANNELIZING DEVICES ARE TO BE EXTENDED APPROACHING TRAFFIC.
 4. AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) OPTIONAL, REFER TO MUTCD.

NOTES:
 1. COMPLETE SIGNING SHOWN ONLY IN CROSSOVER DIRECTION.
 2. TWO WAY TRAFFIC SEPARATED WITH POSITIVE BARRIER.

NOTES:
 1. CHANNELIZING DEVICES SEPARATE WORK AREA FROM TRAVELED WAY.
 2. TRUCK MOUNTED ATTENUATOR (OPTIONAL).
 3. ROAD WORK AHEAD SIGN (W20-1) IS REQUIRED FOR ROAD WORK AHEAD SIGN (W20-2) TO BE USED.

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