

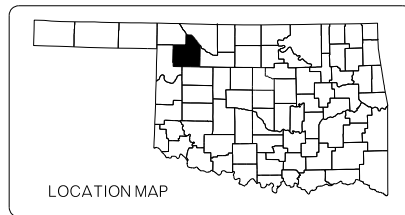
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	HSIPG-277N(042)TR	2017	1	4
DESCRIPTION		REVISIONS		DATE	

STATE OF OKLAHOMA  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED  
**STATE HIGHWAY**  
PROJECT NO. HSIPG-277N(042)TR  
SAFETY IMPROVEMENT  
SH-15

**WOODWARD COUNTY**

CONTROL SECTION NO. : 15-77-08  
STATE JOB NO. 33297(04)



INDEX OF SHEETS

SHEET NUMBER	SHEET DESCRIPTION
0001	TITLE SHEET
AT01	SUMMARY OF PAY QUANTITIES & NOTES
T001	PROJECT LOCATION WOODWARD COUNTY
T002	TRAFFIC CONTROL DETAIL

STANDARDS TO BE INCLUDED

TRAFFIC

PM3-1-02	TCS7-1-02
RS2-2-00	TCS8-1-00
TCS1-1-01	TCS9-1-01
TCS2-1-00	TCS11-1-01
TCS3-1-01	TCS14-1-00
TCS4-1-01	TCS19-1-01
TCS5-1-00	TCS20-1-00
TCS6-1-02	

OKLAHOMA DEPARTMENT OF TRANSPORTATION  
 ENGINEER MANAGER: TAREK A. MAAROUF    CHECKED BY: TAREK A. MAAROUF    PROJECT ENGINEER: K. DEEDERING  
 ENGINEER INTERN: G. FADEL    SQUAD SUPERVISOR: B. ABRAHAM    SQUAD MEMBERS: J. FOX, A. POLACH, T. SHIELDS, C. DIVIS



A  
CONTROL SECTION  
15-77-08



CONVENTIONAL SYMBOLS


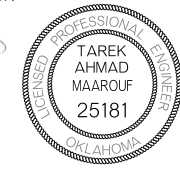
- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- BUILDINGS
- OILWELL
- DRAINAGE STRUCTURES - IN PLACE
- DRAINAGE STRUCTURES - NEW
- RIGHT-OF-WAY LINES - EXISTING
- RIGHT-OF-WAY LINES - NEW
- CONTROLLED ACCESS
- RIGHT-OF-WAY FENCE

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.

PREPARED BY:  
OKLAHOMA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING DIVISION

DATE 09-11-17

OKLA. REG. NO. 25181

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____	DATE APPROVED _____
BY _____ CHIEF ENGINEER	BY _____ DIVISION ADMINISTRATOR
SWO _____	PROJECT NO. HSIPG-277N(042)TR
COUNTY WOODWARD COUNTY	HIGHWAY SH-15 SHEET NO. 0001

P.E. NO. : XXXXX(01)

REVISIONS		
REV. NO.	DESCRIPTION	DATE

**TRAFFIC GENERAL CONSTRUCTION NOTES**

EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTRUCTION. ALL CONSTRUCTION SIGNING WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS. CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING TRAFFIC ON CROSS STREETS. A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL PROVIDE A PERSON TO BE ON 24 HOUR CALL AS NEEDED AS DETERMINED BY THE ENGINEER. THIS PERSON SHALL HOLD A CURRENT CERTIFICATION FROM THE AMERICAN TRAFFIC SAFETY SERVICE ASSOCIATION (ATSSA) OR THE OKLAHOMA TRAFFIC ENGINEERING ASSOCIATION (OETA) AS A TRAFFIC CONTROL TECHNICIAN OR TRAFFIC CONTROL SUPERVISOR.

ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL MEET ODOT'S "QUALITY STANDARDS FOR TEMPORARY TRAFFIC CONTROL DEVICES." CHANNELIZING DEVICES SHALL HAVE A MINIMUM HEIGHT OF 36 INCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE TEMPORARY TRAFFIC CONTROL DEVICES, AND SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DEVICES DURING CONSTRUCTION.

**SPECIAL PAY QANTITY NOTES**

- (SP-1) INCLUDED WITH THIS PAY ITEM IS THE INSTALLATION OF ANY TEMPORARY PAVEMENT MARKING WHEN REQUIRED AFTER STRIPE REMOVAL. SEE BOX NOTE ON THIS SHEET.
- (SP-2) DISPOSE OF REMOVED MATERIALS IN ACCORDANCE WITH SUBSECTION 104.09, "REMOVAL AND DISPOSAL OF SALVAGED MATERIALS, STRUCTURES, AND OBSTRUCTIONS," COST OF DISPOSAL TO BE INCLUDED IN THIS PAY ITEM.
- (SP-3) THIS IS AN ESTIMATED QUANTITY TO BE USED FOR THE CENTER LINE AND IT IS BASED ON DOUBLE YELLOW SOLID. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER TO DETERMINE THE PASSING ZONE AREAS ALONG THE PROJECT.  
  
THE CONTRACTOR SHALL NOT START STRIPING UNTIL THE PASSING ZONE AREAS HAVE BEEN DETERMINED AND ARE DEEMED ACCEPTABLE BY THE ENGINEER.

**SIGNING & STRIPING QANTITY NOTES**

- (TS-24) QUANTITY SHOWN INCLUDES O.L.F. TRAFFIC STRIPE(MULTI-POLYMER)(WHITE) AND 58,504 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF FOUR INCH (4") WIDE TRAFFIC STRIPE.

**TRAFFIC PAY QANTITY NOTES**

- (TC-13) A PART, OR ALL, OF THIS ITEM IS INTENDED FOR REPLACEMENT OF REMOVED EXISTING CONFLICTING STRIPING.
- (TC-14) SEE STANDARD DRAWING PM1-1, PM2-1, PM3-1, PM4-1, PM5-1, PM6-1, PM7-1, PM8-1 (LATEST REVISION). A PART, OR ALL, OF THE QUANTITY SHOWN IS TO BE USED AS FINAL PAVEMENT MARKING.
- (TC-22) AMOUNT SHOWN IS AN APPROXIMATION AND THE ACTUAL AMOUNT OF REMOVAL, IF NECESSARY, SHALL BE DETERMINED BY THE ENGINEER. PRICE BID FOR PAVEMENT MARKING REMOVAL SHALL INCLUDE THE COST OF REMOVING STRIPE, ARROWS, WORDS AND SYMBOLS, AS SHOWN IN THE PLANS. THESE ITEMS MAY CONSIST OF PLASTIC, PAINT OR NON-REMOVABLE MARKING TAPE.
- (TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
- (TC-75) TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE THE SAME DAY THAT EXISTING PAVEMENT MARKINGS ARE REMOVED FROM ANY ROADWAY OPEN TO TRAFFIC. ALSO, ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO THE INSTALLATION OF FINAL STRIPING.

**PAY QUANTITY SCHEDULE**

0301 TRAFFIC SIGNING & STRIPING

PAY ITEM	CODE NO.		UNIT	QUANTITY
413(A)	4870	RUMBLE STRIP-CENTERLINE HMA-CON (SP-2)	LF	29,252.00
856(A)	8530	TRAFFIC STRIPE(MULTI-POLYMER)(4" WIDE) (SP-3)(TC-13,14)(TS-24)	LF	58,504.00
857(F)	8006	PAVEMENT MARKING REMOVAL(TRAFFIC STRIPE) (SP-1)(TC-22,70,75)	LF	58,504.00

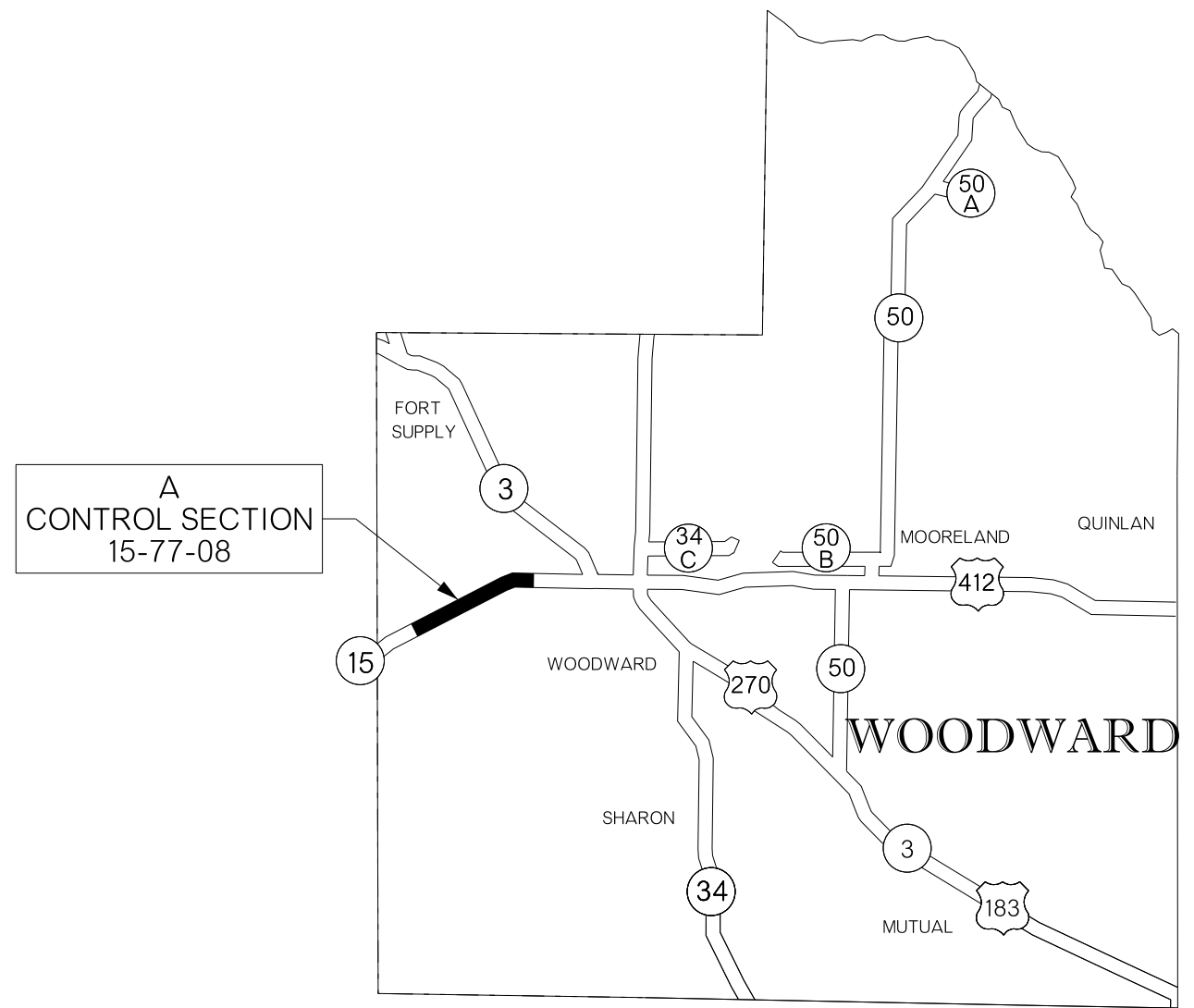
IF UNABLE TO INSTALL PERMANENT PAVEMENT MARKINGS IMMEDIATELY AFTER EXISTING PAVEMENT MARKINGS ARE REMOVED OR INSTALLATION OF PERMANENT PAVEMENT MARKINGS IS REQUIRED IN A LOCATION WHERE PRIOR REMOVAL IS NOT NECESSARY; TEMPORARY PAVEMENT MARKINGS THAT CONFORM WITH ODOT STANDARDS AND SPECIFICATIONS SHALL BE INSTALLED AND MAINTAINED FOR A PERIOD NOT TO EXCEED 48 HOURS, AT WHICH TIME NEW PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED. IF INCLEMENT WEATHER OR OTHER CONDITIONS PROHIBIT THE INSTALLATION OF NEW PAVEMENT MARKINGS WITHIN A TIMELY MANNER, NO PAVEMENT MARKINGS SHOULD BE REMOVED.

\*JP# 33296(04), 33297(04), 33298(04)  
  
ARE MANDATORY TIED PROJECTS CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL PRIOR TO CONSTRUCTION AND AS DEEMED NECESSARY BY THE ENGINEER.

MOBLILIZATION AND TRAFFIC CONTROL PAY QUANTITIES FOR THIS PROJECT IS CARRIED ON MANDATORY TIED JP33298(04).

DIVISION 00 1-00	WOODWARD COUNTY	DETAIL:	TMS	9/17
SUMMARY OF PAY QUANTITIES & NOTES		CHECK:	GF	9/17
		ENGINEER:	KCD	9/17
		GROUP:	ABRAHAM	
		EM:	MAAROUF	
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO.	33297(04)	SHEET NO.
			AT01	

REVISIONS		
REV. NO.	DESCRIPTION	DATE




CONTROL SECTION: 15-77-08		
301 TRAFFIC STRIPING		
DESCRIPTION	UNIT	QUANTITY
RUMBLE STRIP-CENTERLINE HMA-CON	LF	29,252.00
TRAFFIC STRIPE (MULTI-POLYMER)(4" WIDE)	LF	58,504.00
PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)	LF	58,504.00

PROJECT DESCRIPTION  
LOCATION: A

SH-15: BEGINNING APPROXIMATELY 1.49 MILES EAST OF THE ELLIS COUNTY  
LINE, THEN EXTENDING EAST 5.54 MILES, IN WOODWARD COUNTY.

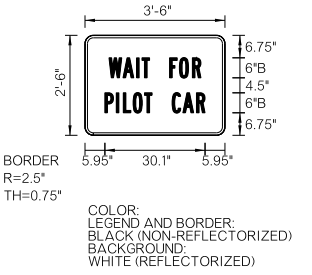
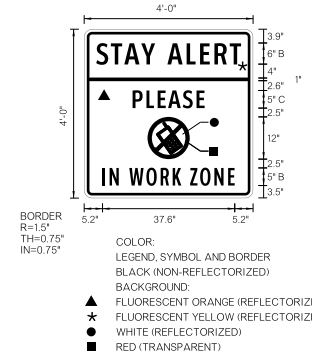
TOTAL LENGTH- 5.54 MILES

KEY:  
A: 

NOT TO SCALE

DIVISION 6 SH-15	WOODWARD COUNTY	DETAIL:	TMS	9/17
PROJECT LOCATION WOODWARD COUNTY		CHECK:	GF	9/17
		ENGINEER:	KCD	9/17
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 33297(04)	
			SHEET NO.	T001

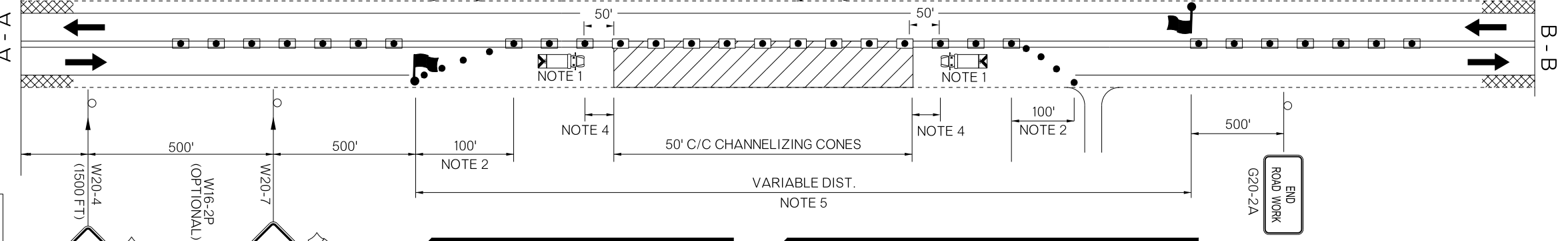
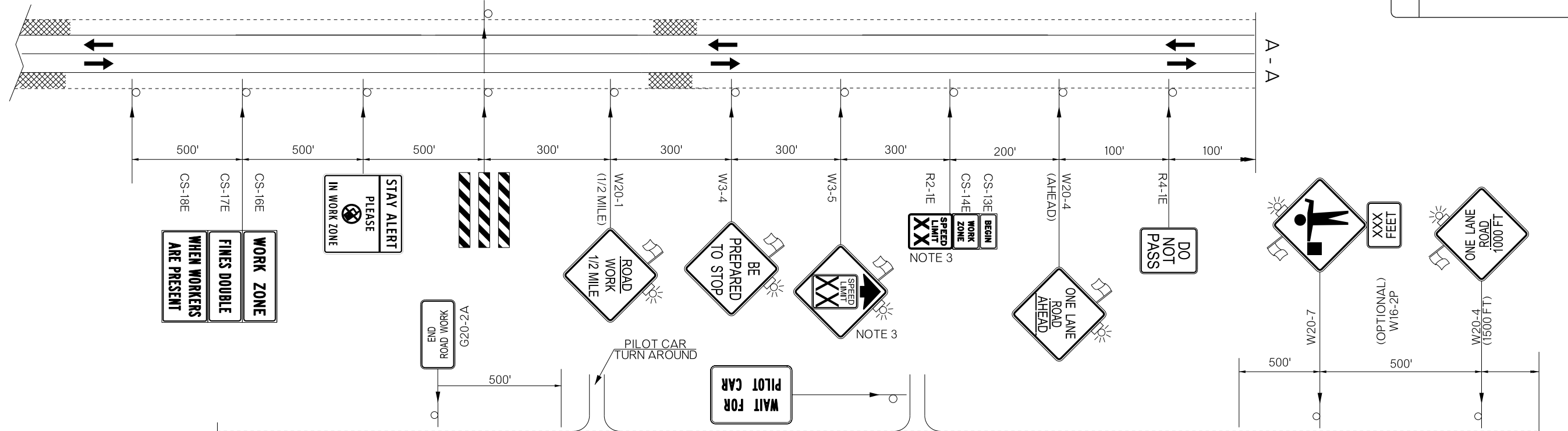
REVISIONS		
REV. NO.	DESCRIPTION	DATE



AADT	LANE CLOSURE LIMIT
<4,000	2 MILES
4,000- 9,000	1 MILE
>9,000	0.5 MILE

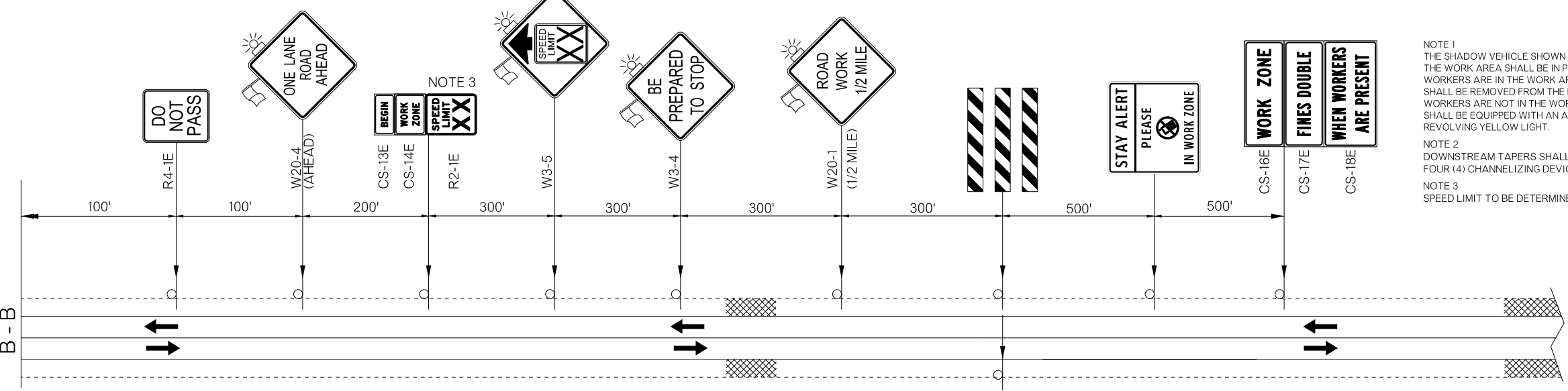
**KEY:**

- SIGN
- DRUM
- CHANNELIZER CONE
- ▨ WORK AREA
- ♠ FLAGGER
- SHADOW VEHICLE (NOTE 1)
- ▩ TRUCK MOUNTED ATTENUATOR



THERE IS NO SUGGESTED SEQUENCE OF CONSTRUCTION IN THIS DRAWING. LANES SHALL BE WORKED AS STATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THE DETAILS SHOWN ARE FOR ONE DIRECTION OF CONSTRUCTION ONLY. ALL TRAFFIC CONTROL FOR THE ALTERNATE DIRECTION WILL BE OPPOSITE OF THAT SHOWN.

PAY ITEMS AND NOTES FOR TRAFFIC CONTROL WILL BE CARRIED ON MANDATORY TIED PROJECT JP33298(04).



- NOTE 1**  
THE SHADOW VEHICLE SHOWN AT THE BEGINNING OF THE WORK AREA SHALL BE IN PLACE WHENEVER WORKERS ARE IN THE WORK AREA. THIS VEHICLE SHALL BE REMOVED FROM THE ROADWAY WHENEVER WORKERS ARE NOT IN THE WORK AREA. THIS VEHICLE SHALL BE EQUIPPED WITH AN ACTUATED FLASHING OR REVOLVING YELLOW LIGHT.
- NOTE 2**  
DOWNSTREAM TAPERS SHALL CONTAIN A MINIMUM OF FOUR (4) CHANNELIZING DEVICES.
- NOTE 3**  
SPEED LIMIT TO BE DETERMINED BY THE DIVISION ENGINEER.
- NOTE 4**  
A LONGITUDINAL BUFFER AREA, TO ALLOW WORKERS TIME TO EVACUATE THE WORK AREA, SHOULD BE PROVIDED. FOR GUIDELINES ON SETTING THE LENGTH OF THIS BUFFER, SEE STANDARD DRAWING TCS2-1-(LATEST REVISION). ACTUAL LENGTH SHALL BE DETERMINED BY FIELD CONDITIONS AND THE JUDGEMENT OF THE ENGINEER.
- GENERAL NOTES:**  
THE FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT CONTACT AT ALL TIMES AND SHALL BE POSITIONED TO PROTECT THE WORKERS.  
WHEN NO WORK IS BEING PERFORMED AND TWO LANE TRAFFIC IS OPERATING, FLAGGERS WILL NOT BE REQUIRED. WHENEVER FLAGGERS ARE NOT PRESENT, THE "FLAGGER" SIGNS SHALL BE REMOVED OR COVERED.  
FLOODLIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.
- NOTE 5**  
THE CONTRACTOR SHALL USE THE (TABLE 1) TO DETERMINE THE LENGTH OF LANE CLOSURE DUE TO AADT AS DEEMED AND APPROVED BY THE ENGINEER.

NOT TO SCALE

DIVISION 6 SH-15	WOODWARD COUNTY	DETAIL: TMS 9/17
TRAFFIC CONTROL DETAIL		CHECK: GF 9/17
		ENGINEER: KCD 9/17
STATE OF OKLAHOMA		GROUP: ABRAHAM MAAROUF
DEPARTMENT OF TRANSPORTATION		EM: MAAROUF
JOBPIECE NO. 33297(04)		SHEET NO. T002