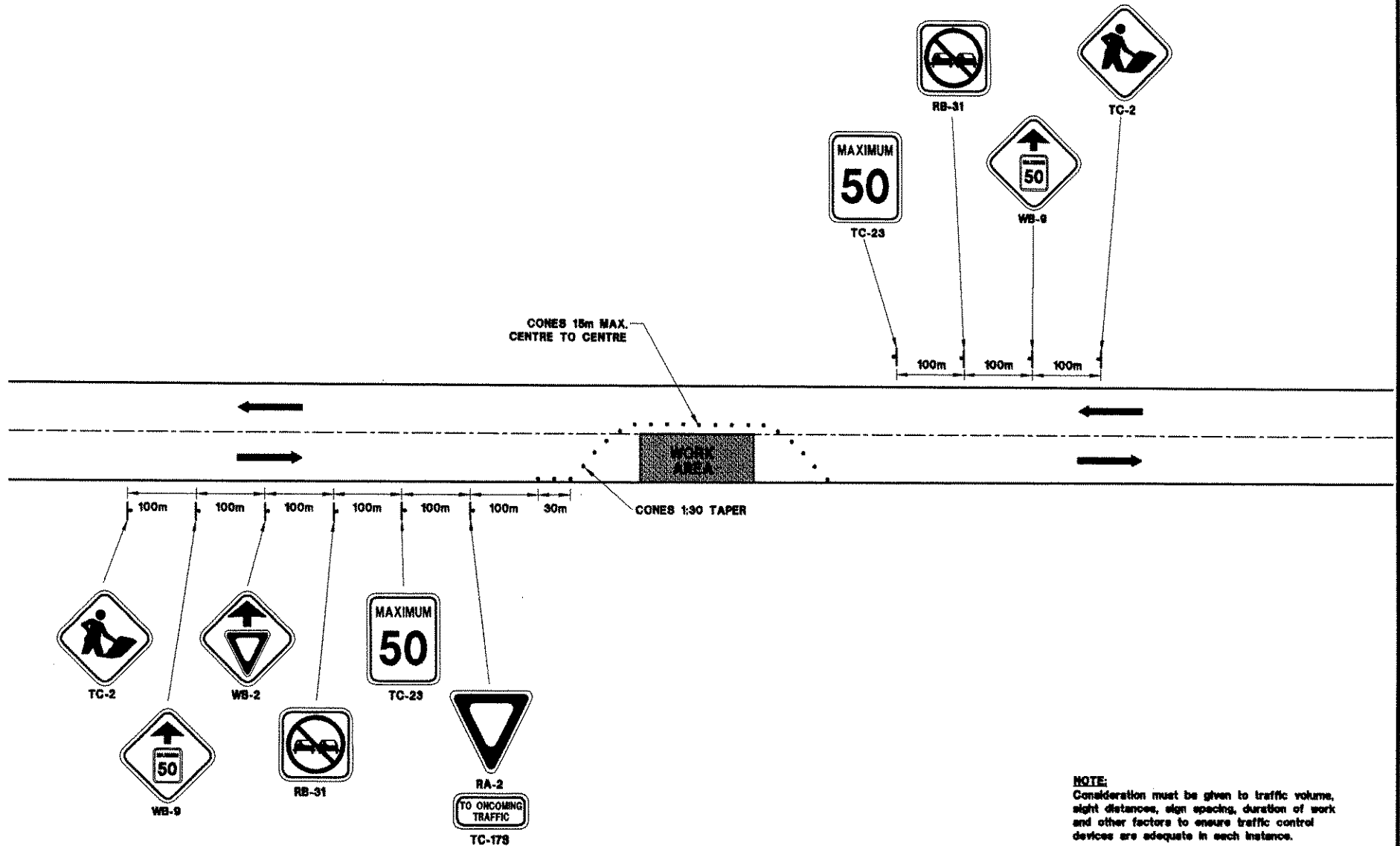


**NOTE:**  
This application to be used only if a minimum of 3 metres of the travel lane remains open for traffic. If less than 3 metres, signage for one lane closure are to applied.





WD-A45

THIS SIGN (WD-A45) SHALL BE USED ON ALL CONSTRUCTION AND MAINTENANCE WORKS WHERE FLAGMEN ARE EMPLOYED.

NOTE:

1. SPEED LIMIT SIGNS SHALL BE POSTED EVERY 1000 METRES THROUGHOUT THE WORK AREA WHERE THERE IS A RESTRICTED SPEED ZONE.

GAZETTED  
HIGHWAY SPEED



RB-1



SUPPLIED BY ENGINEER



RB-1A



WD-150



WD-A22



RB-5



WD-A41



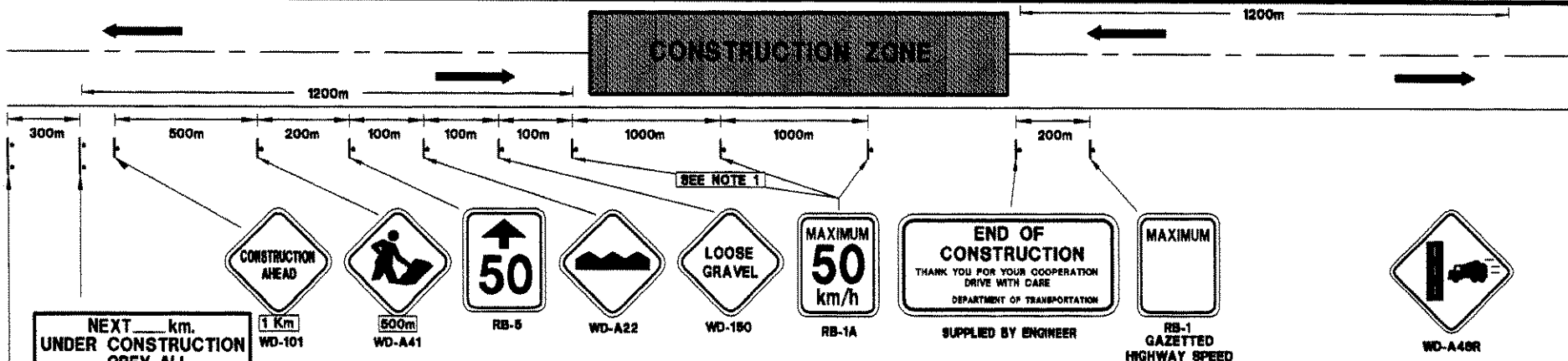
WD-101

PROJECT SIGN

SUPPLIED BY ENGINEER

NEXT \_\_\_\_ km.  
UNDER CONSTRUCTION  
OBEY ALL  
SIGNS AND SIGNALS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION ZONE



THIS SIGN (WD-A48) SHALL BE POSTED 200 METRES BACK FROM THE ENTRANCE FOR APPROACHING TRAFFIC FROM EITHER DIRECTION. ENSURE THE PROPER ENTRANCE DIRECTION IS SHOWN (EITHER LEFT OR RIGHT. SEE DRAWING NO. SD-200-02-08.)



Northwest  
Territories Transportation

SD-200-02-01

TYPICAL SIGNING WHERE  
TRAFFIC IS MAINTAINED

Date: DEC 1995

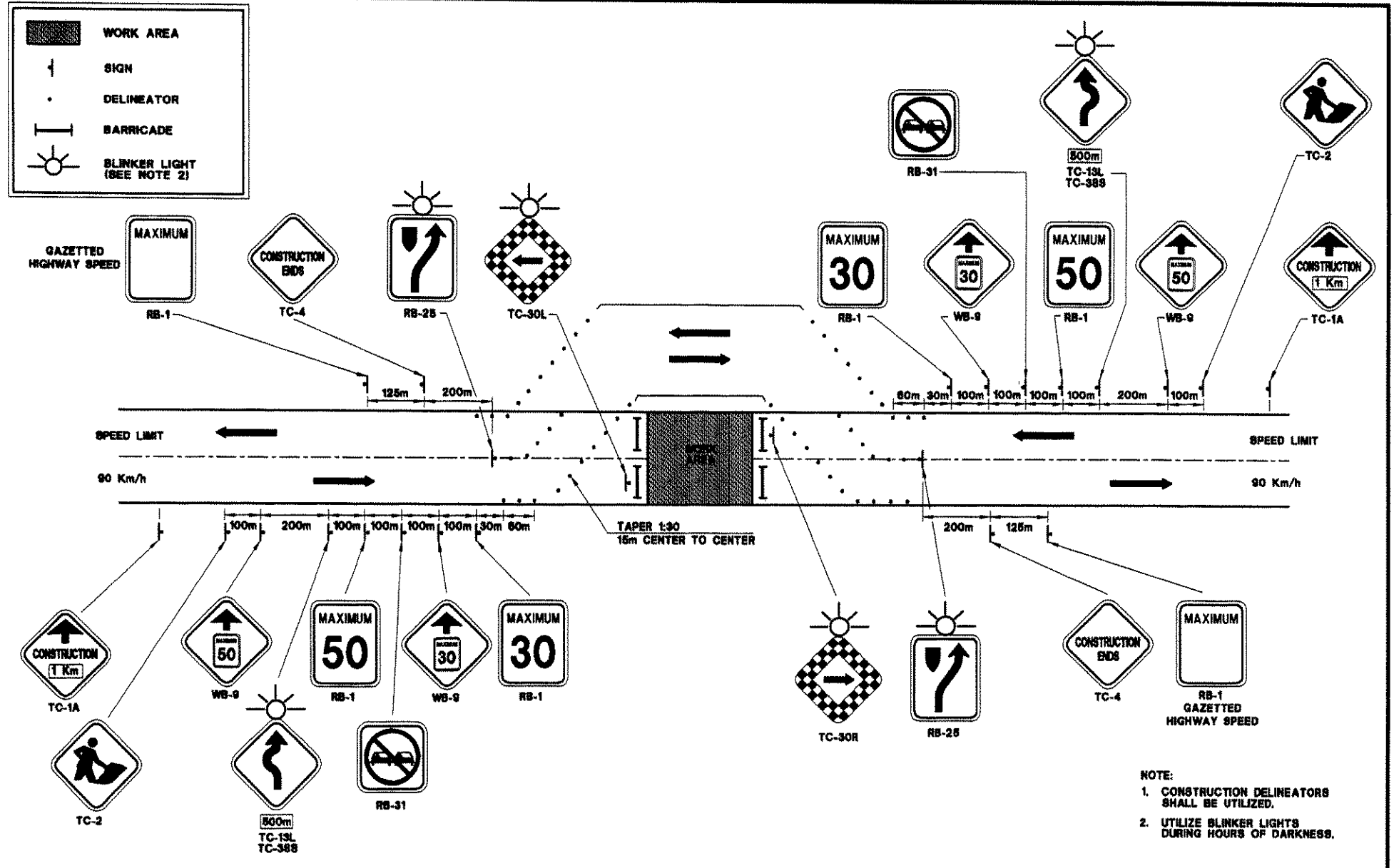
Revised: APRIL 2005

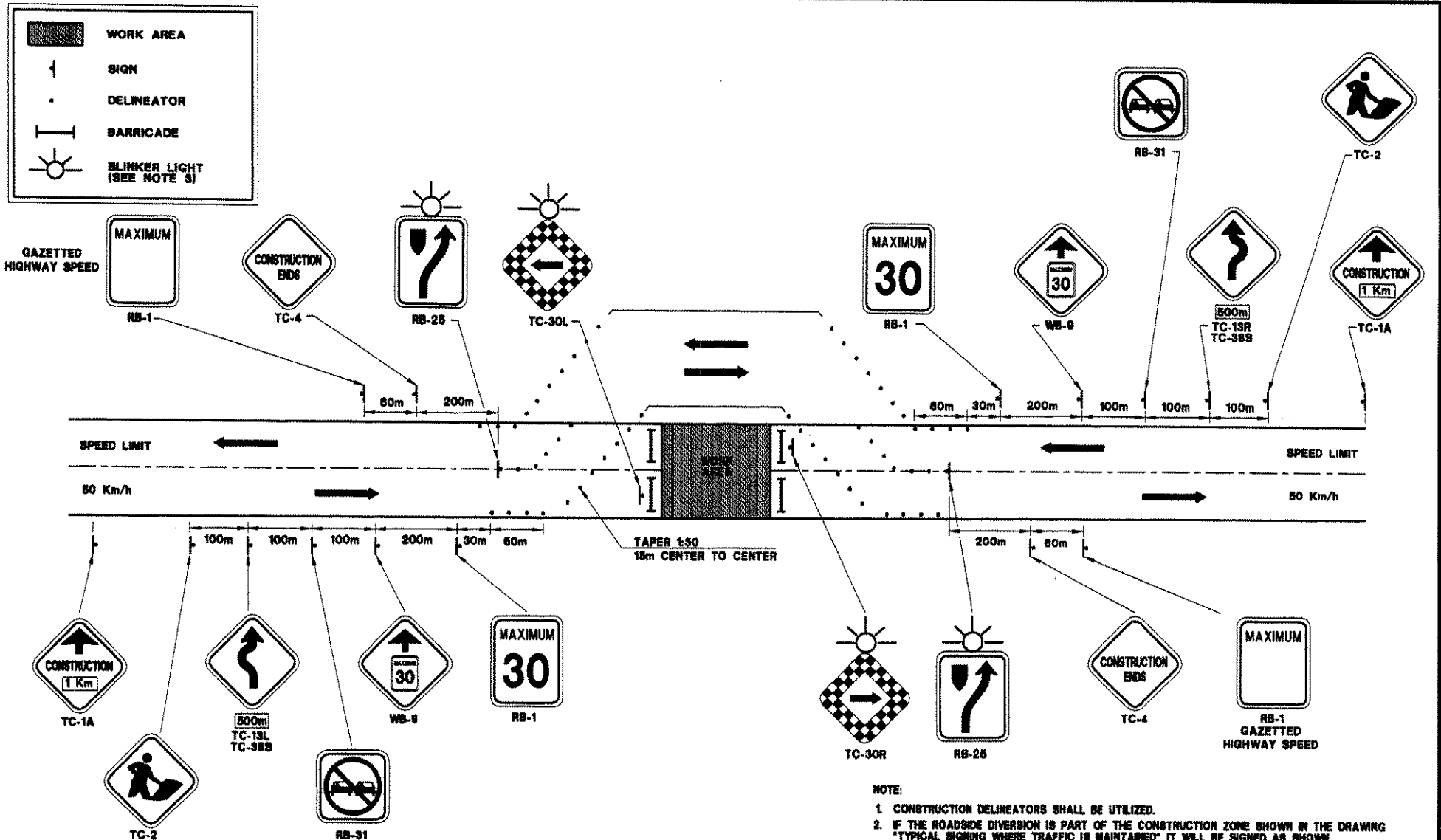
Approved

*K. Chikudate*

Director  
Highways Division

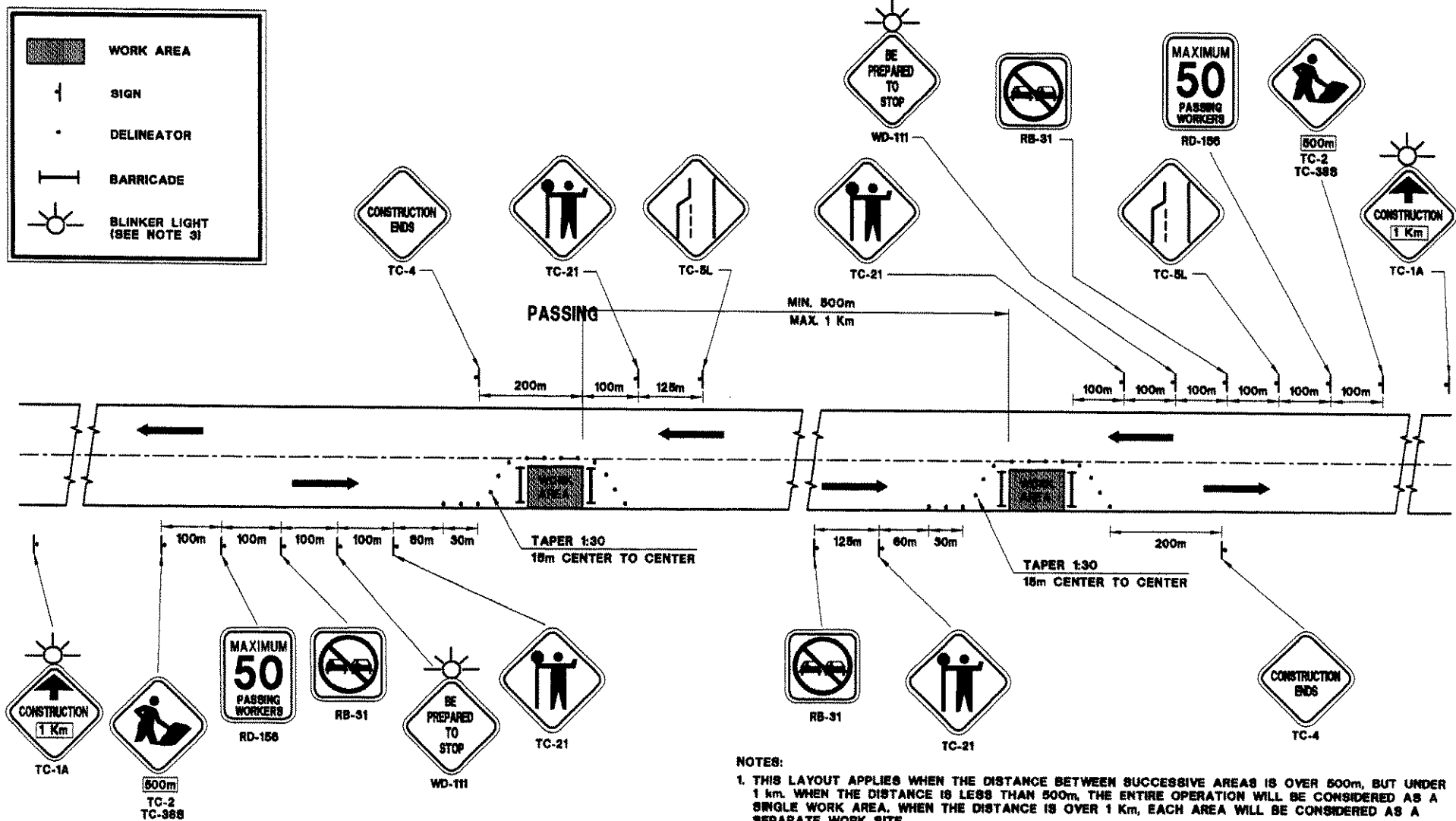
APR 21 2005  
Date

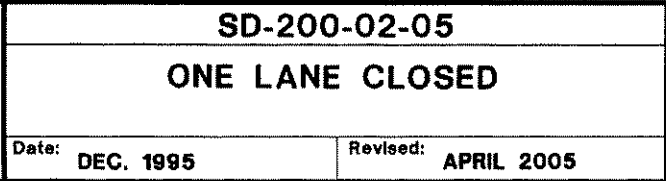




**NOTE:**

1. CONSTRUCTION DELINEATORS SHALL BE UTILIZED.
2. IF THE ROADSIDE DIVERSION IS PART OF THE CONSTRUCTION ZONE SHOWN IN THE DRAWING "TYPICAL SIGNING WHERE TRAFFIC IS MAINTAINED" IT WILL BE SIGNED AS SHOWN.
3. UTILIZE BLINKER LIGHTS DURING HOURS OF DARKNESS.
4. APPROACH SIGNING IS REQUIRED (EACH SPEED REDUCTION FROM 90 TO 50 AND 50 TO 30).

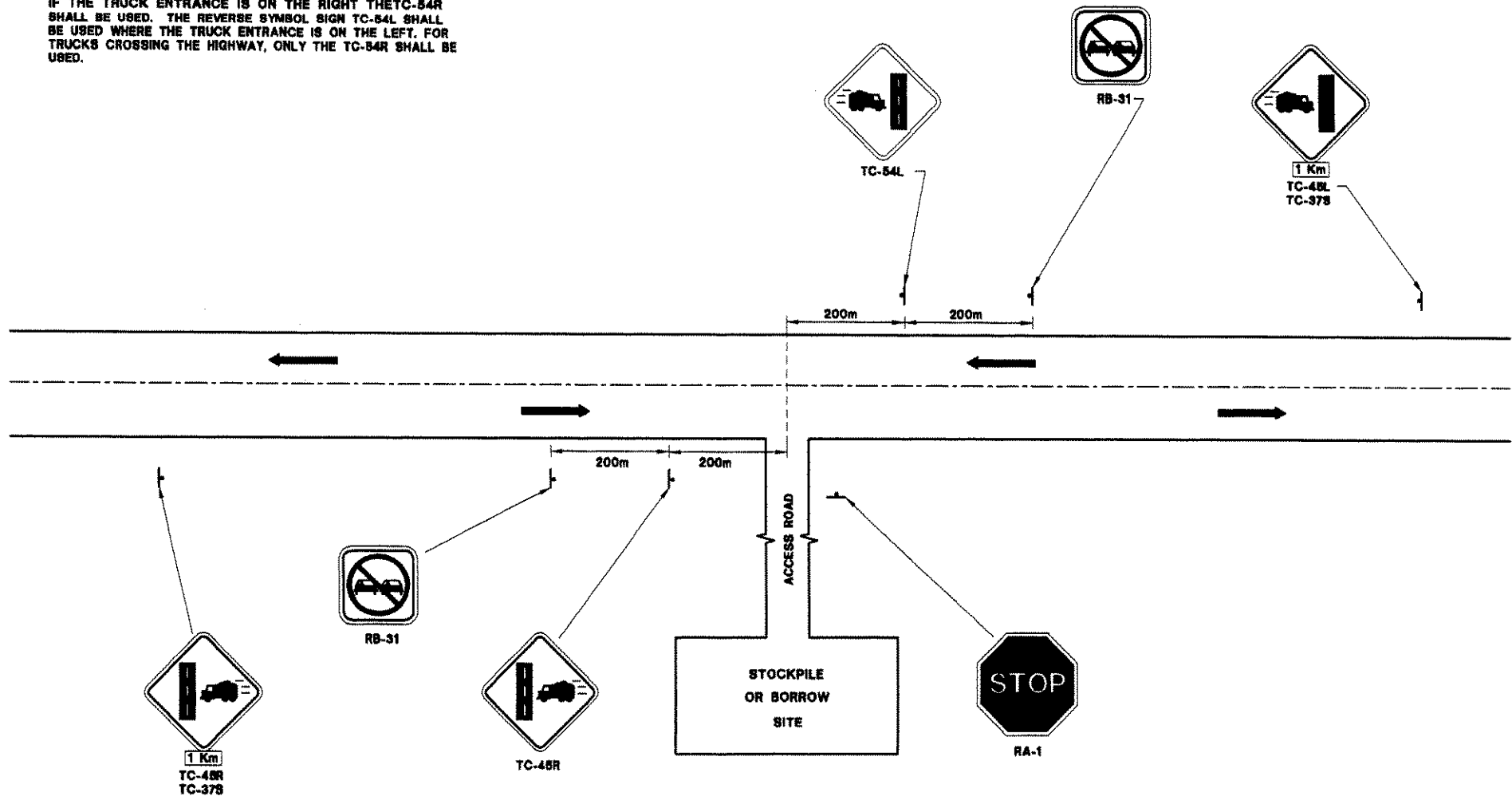


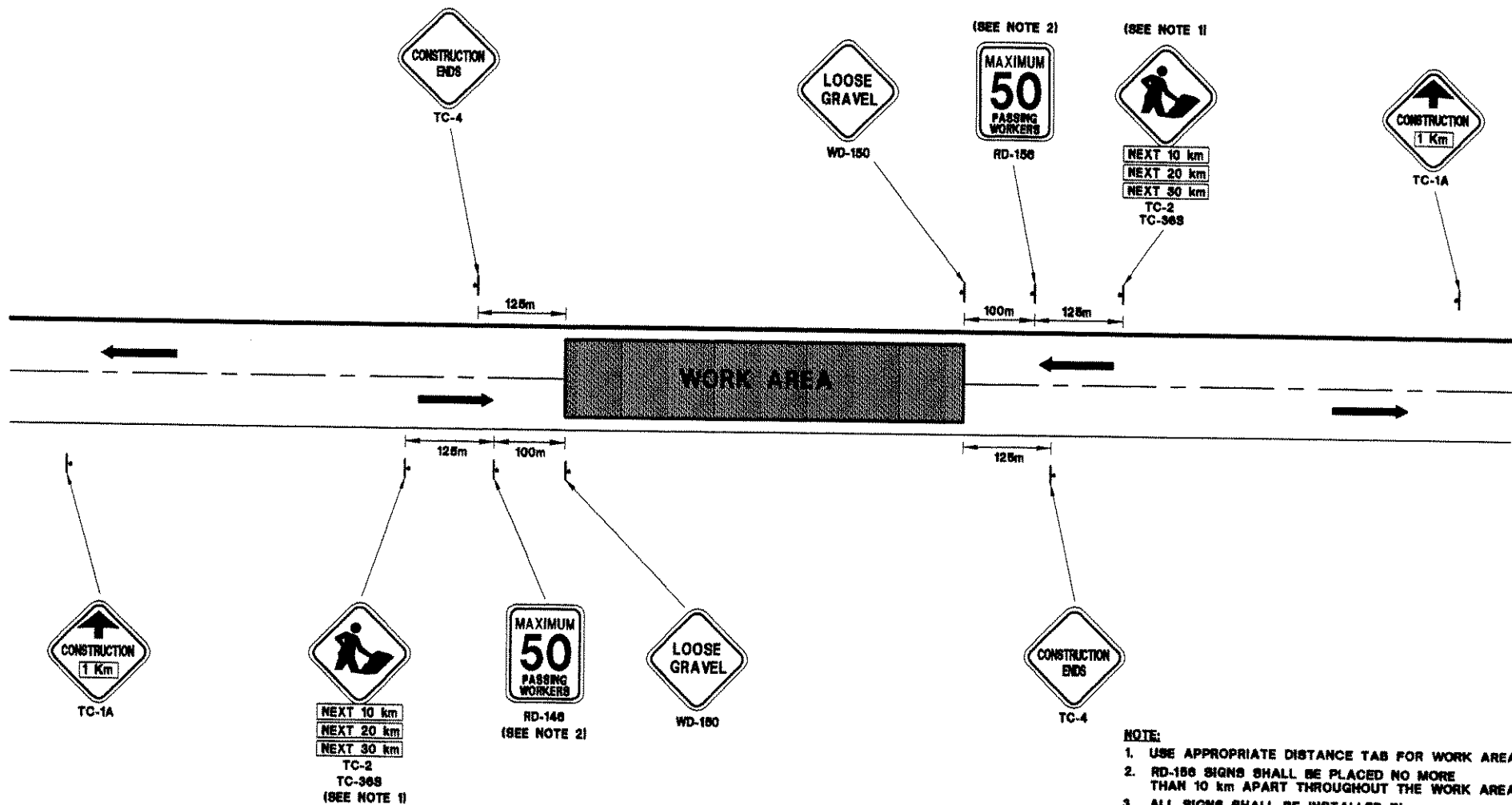


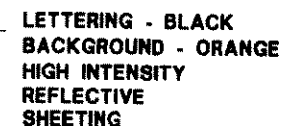
APR 21 2005  
Date

**NOTE:**

IF THE TRUCK ENTRANCE IS ON THE RIGHT THE TC-54R SHALL BE USED. THE REVERSE SYMBOL SIGN TC-54L SHALL BE USED WHERE THE TRUCK ENTRANCE IS ON THE LEFT. FOR TRUCKS CROSSING THE HIGHWAY, ONLY THE TC-54R SHALL BE USED.







**1. SIGNBOARD:**

2. SIGN FACE COATING TO BE HIGH INTENSITY GRADE REFLECTIVE SHEETING.

#### 4. TEXT INFORMATION:

**5. PAINT:**

**6. COLOURS:**

**BLACK: ANY BLACK STANDARD.**

## 7. TYPOGRAPHY:



SD-200-02-52

Date: DEC 1995

Revised: **MARCH 2002**

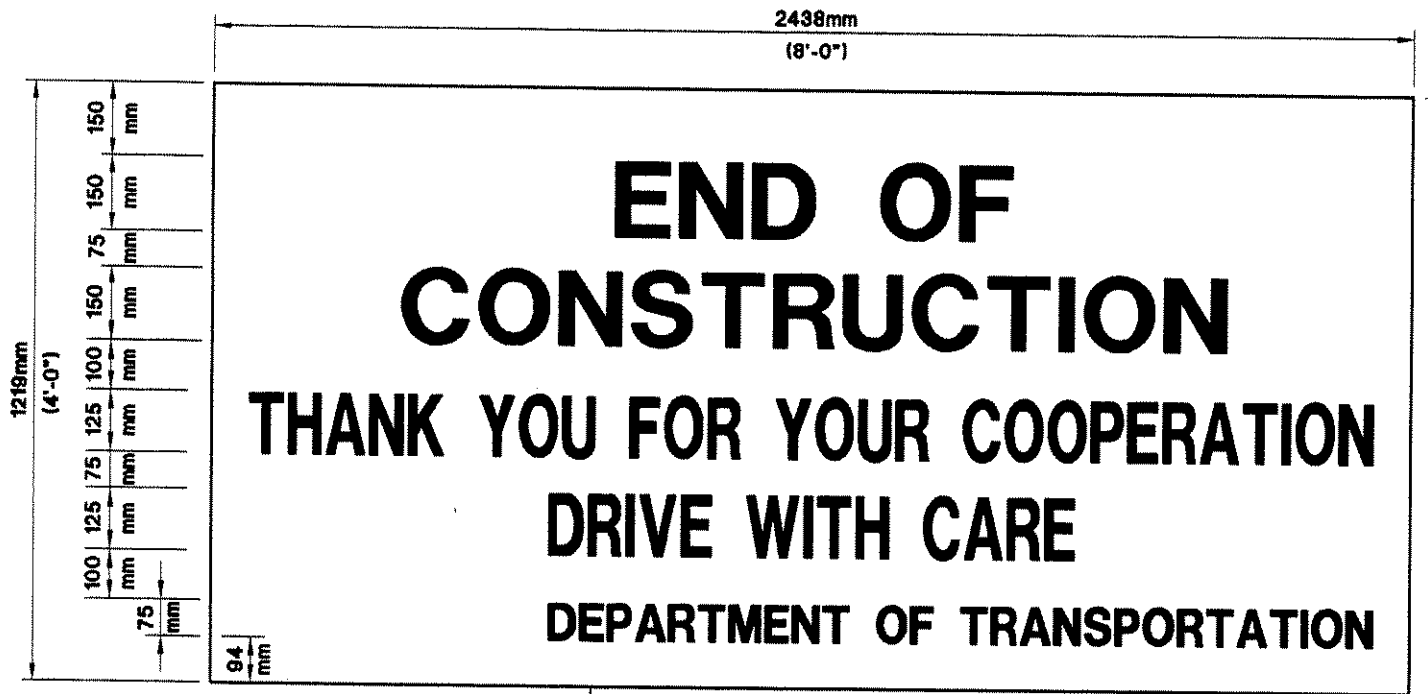
**Approved**

Approved  
Kerkuoch

**Director  
Highways Division**

APR 21 2005

Date \_\_\_\_\_



LETTERING - BLACK  
BACKGROUND - OFF WHITE

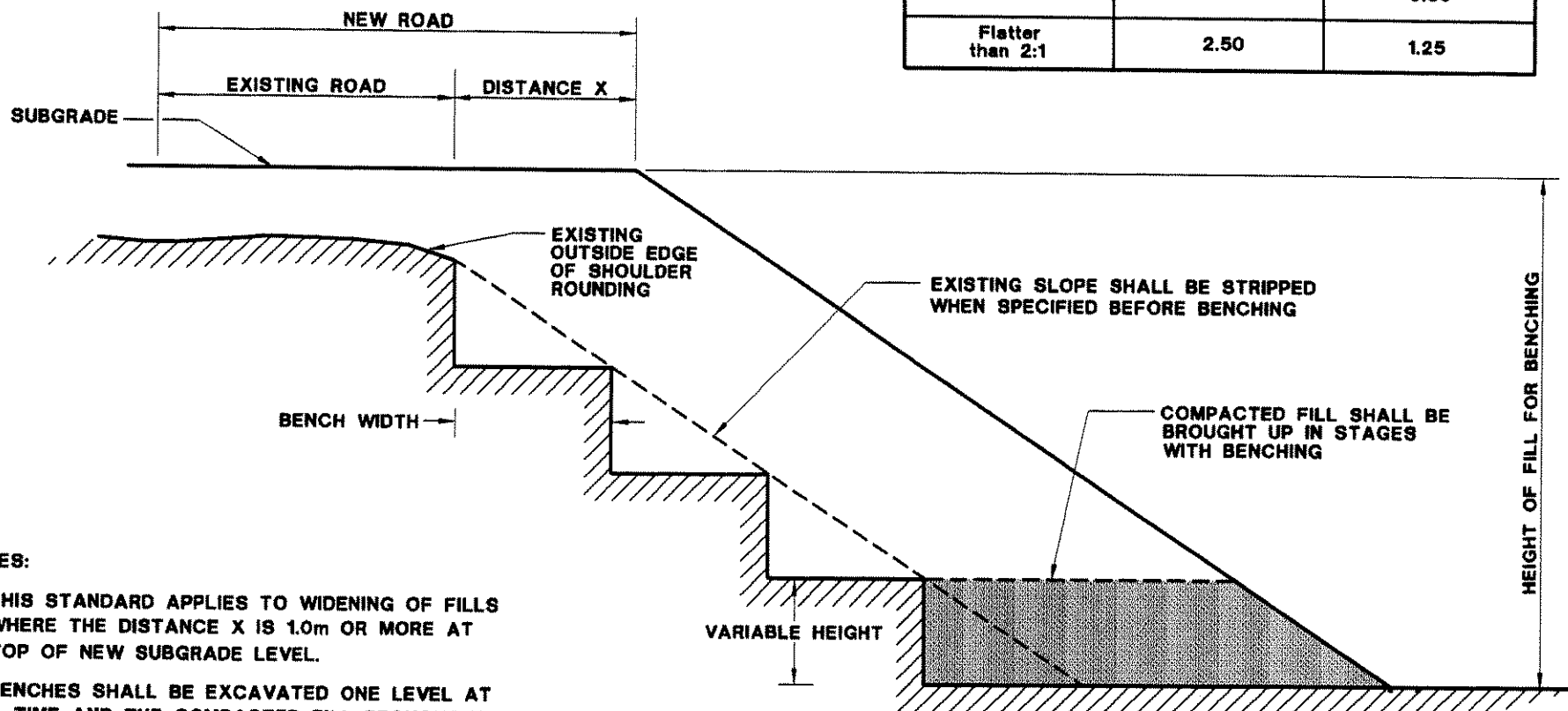
BACK OF SIGN - OFF WHITE

**NOTES:**

1. **SIGNBOARD:**  
19mm THICK 1219mm x 2438mm DOUGLAS FIR PLYWOOD TO CSA-0121 STANDARD CONSTRUCTION MEDIUM DENSITY OVERLAY ONE SIDE.
2. **WEATHERTIGHT SEAL ON SIGNBOARD EDGES**  
WOOD FILLER AND PAINT.
3. **TEXT INFORMATION:**  
SILKSCREEN OR ADHESIVE TYPE LETTERING MATERIALS WITH APPROVAL.
4. **PAINT:**  
THREE COAT ALKYD TYPE WITHOUT SILICONE ADDITIVES, 1st COAT: ALKYD PRIMER, 2nd & 3rd COATS: ALKYD GLOSS.
5. **COLOURS:**  
OFF-WHITE: GENERAL PAINT 4598W OR BENJAMIN MOORE 16-11.  
BLACK: ANY BLACK STANDARD.
6. **TYPOGRAPHY:**  
ALL TEXT - HELVETICA, UPPER CASE  
"END OF CONSTRUCTION" - BOLD  
"THANK YOU...WITH CARE" - BOLD, CONDENSED  
"DEPARTMENT OF TRANSPORTATION" - LIGHT

## WIDTH OF BENCHES (m)

EXISTING SLOPES	FILLS OF 3.5m OR GREATER	FILLS LESS THAN 3.5m
2:1	1.25	0.80
Flatter than 2:1	2.50	1.25



## NOTES:

- A) THIS STANDARD APPLIES TO WIDENING OF FILLS WHERE THE DISTANCE X IS 1.0m OR MORE AT TOP OF NEW SUBGRADE LEVEL.
- B) BENCHES SHALL BE EXCAVATED ONE LEVEL AT A TIME AND THE COMPACTED FILL BROUGHT UP BEFORE THE NEXT BENCHING LEVEL IS EXCAVATED.
- C) ALL DIMENSIONS ARE SHOWN IN METRES UNLESS OTHERWISE SHOWN.

SD-300-06-01

BENCHING FOR  
EMBANKMENT WIDENING

Date: DEC 1995

Revised: APRIL 2005

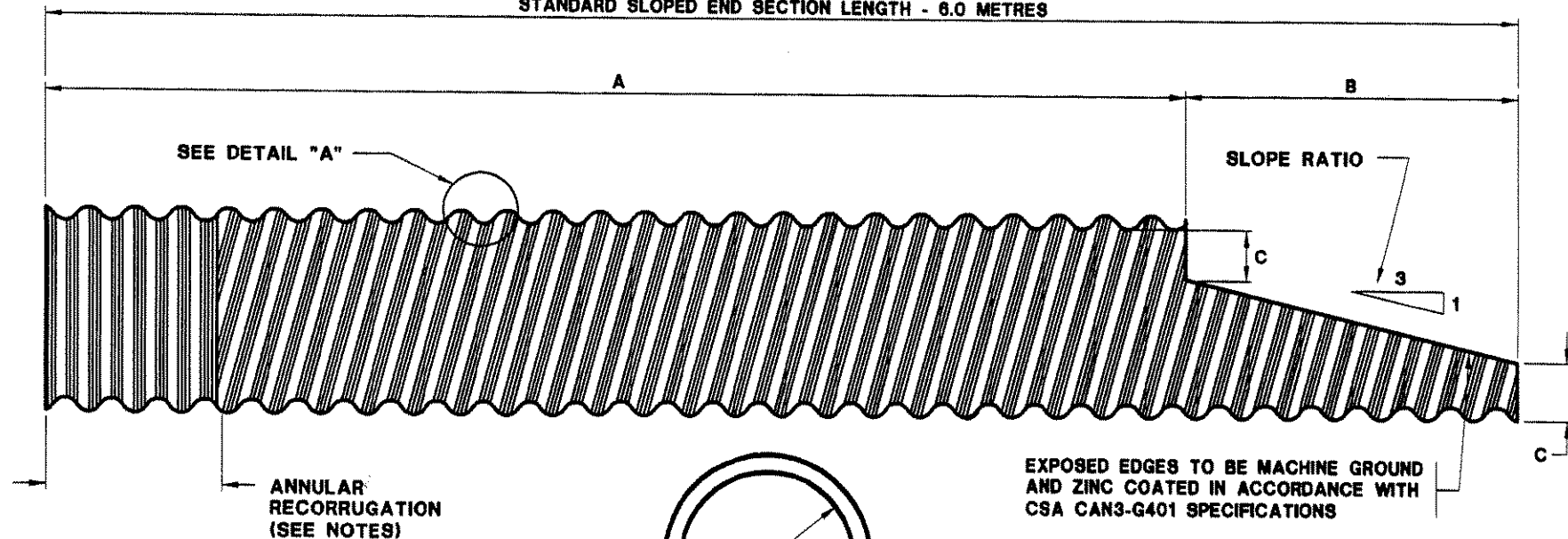
Approved


Director  
Highways Division

APR 21 2005

Date

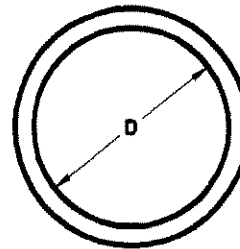
STANDARD SLOPED END SECTION LENGTH - 6.0 METRES



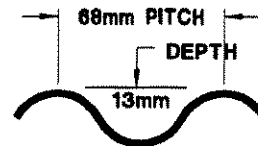
EXPOSED EDGES TO BE MACHINE GROUND  
AND ZINC COATED IN ACCORDANCE WITH  
CSA CAN3-G401 SPECIFICATIONS

**NOTES:**

- 1) THE SUPPLY AND FABRICATION OF ALL GALVANIZED CORRUGATED STEEL PIPE (C.S.P.) SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF CANADIAN STANDARDS ASSOCIATION CAN3-G401 SPECIFICATIONS.
- 2) ON PIPE DIAMETERS OF 1000mm OR GREATER, LOCK SEAMS TERMINATING AT THE CUT EDGES OF SLOPES OR SQUARE ENDED SECTIONS SHALL HAVE A 50mm LENGTH FILLET WELD RUN ALONG THE LOCK SEAM AT EACH CUT EDGE.
- 3) THE HELICALLY CORRUGATED PIPE SHALL HAVE THE PIPE ENDS RECORRUGATED TO PROVIDE ANNULAR CORRUGATIONS FOR COUPLING PURPOSES (AS SHOWN). THE MINIMUM LENGTH WITH ANNULAR CORRUGATIONS SHALL BE 300mm FOR PIPE DIAMETERS OF 900mm OR LESS AND 600mm FOR PIPE DIAMETERS GREATER THAN 900mm.
- 4) THE COUPLER SHALL BE AN ANNULAR CORRUGATED BAND TYPE WITH A MINIMUM OF 3 BOLTS PER COUPLER FOR PIPE DIAMETERS OF 800mm OR GREATER.



END SECTION

DETAIL "A"  
CORRUGATION PROFILE

INSIDE DIAMETER 'd' mm	SLOPE RATIO X:Y	"A" Metre	"B" Metre	"C" mm	WALL THICKNESS mm
600	3:1	5.10	0.90	150	2.8
700	3:1	4.80	1.20	150	2.8
800	3:1	4.80	1.20	200	2.8
900	3:1	4.50	1.50	200	2.8
1000	3:1	4.35	1.65	225	2.8
1100	3:1	4.05	1.95	225	2.8
1200	3:1	3.75	2.25	225	2.8
≥1500	3:1	3.00	3.00	250	3.5

SD-400-01-51

STANDARD SLOPED END SECTIONS  
(C.S.P. ROUND CULVERTS)

Date: DEC. 1995

Revised: APRIL 2005

Approved

Director  
Highways Division

APR 21 2005  
Date