GRADING PLAN

LEGENDS

- STORM WATER PIPE
- 8" DIA OR GREATER
- CONTOUR LINE
- SEWERAGE MANHOLE
- STORM WATER MANHOLE
- STORM WATER INLET (PRIVATE)
- SEWER VENT
- STORM GRAVITY MAIN (PRIVATE)

LEVELS BETWEEN CONTOURS IS 6"
DEMOLISH PLAN

SILVER STRAND ROAD

TARAWA ROAD

CURRENT BUS STOP

TREES & BUSHES
STRUCTURAL PLAN AND REINFORCEMENT
CONCRETE OF THE TUNNEL

WATER PROOF

#12 @ 6"C/C

REINFORCE CONCRETE LINING

R 10'

R 8'-6"

CONCRETE LINING

CONCRETE PAVEMENT

ASPHALT COURSE

COMPACTED AGGREGATE

8" DRAINAGE PIPE

SPACING= 6"

INNER RADIUS =8'-6"

OUTER RADIUS =10'-0"

SPACING OF REBAR
S = 0.60'^2

CONCRETE f'c=4.01ksi

REINFORCING STEEL
f'y=60.0ksi , Es=2900

REINFORCING STEEL
f'y=60.0ksi , Es=2900

AREA OF SINGLE REBAR
As-bar=0.6IN'^2

NORMAL WIGHT OF REINFORCEMENT
CONCRETE Wc=0.150kcf

STRIP Wstrip=1ft
SLAB REINFORCEMENT PLAN

PLAN

SECTION A-A

SLAB REINFORCEMENT

MATERIAL SPECIFICATION & DRAWING DETAIL

- SPACING = 6"
- SPACING OF REBAR S = 0.60^2
- CONCRETE f'c=4.01 ksi
- REINFORCING STEEL f'y=60.0 ksi, Es=2900
- AREA OF SINGLE REBAR A_bar=0.6 IN^2
- NORMAL WEIGHT OF REINFORCEMENT CONCRETE Wc=0.150 kcf
- STRIP Wstrip=1 ft
- HEIGHT OF WALL Hw=10'
- SECTION HEIGHT OF TOP SLAB H=16"
- SECTION WIDTH OF TOP SLAB=12"
TRAFFIC PLAN

PURPOSED BUS STOP

LANE CLOSED DUE TO WORK

CURRENT BUS STOP

PURPOSED TUNNEL SITE

LEGEND
- CONE
- BARRICADE
- FLAGGER
- SIGN
- FLASHING ARROW SIGN
- WORK AREA
- TRAFFIC DIRECTION