

SIDEWALK CONSTRUCTION ON THE SOUTH SIDE OF  
HARRY STREET - BETWEEN TERRACE & GEORGETOWN  
WITH WHEELCHAIR RAMPS.

PROJ. NO. 472-76-355-80762000-000-001

WHEELCHAIR RAMP CONSTRUCTION FOR SCHOOL CROSSWALK  
ON DOUGLAS AVE - BETWEEN KESSLER & KNIGHT STREETS.

PROJ. NO. 472-76-355-80756000-000-001

WHEELCHAIR RAMP CONSTRUCTION FOR SCHOOL CROSSWALKS  
BETWEEN 15TH & 16TH STREET NORTH ON WACO AVENUE,  
PARK PLACE, MARKET STREET, BROADWAY AVENUE &  
TOPEKA AVENUE

PROJ. NO. 472-76-355-80757000-000-001

• GENERAL NOTES •

1. INFORMATION SHOWN ON PLANS NOT DIRECTLY  
RELATED TO THE CONSTRUCTION OF SIDEWALKS &  
WHEELCHAIR RAMPS, IS NOT A PART OF THIS  
CONTRACT AND SHALL BE CONSIDERED AS  
DELETED.

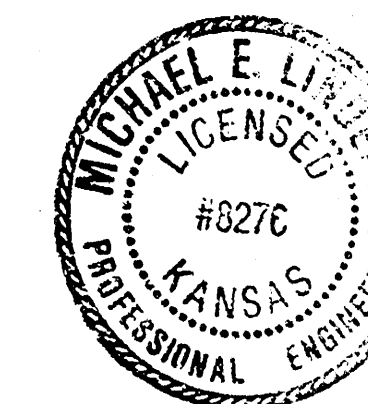
2. EXACT LOCATION AND GRADE TO BE DETERMINED  
BY THE FIELD ENGINEER AT TIME OF CONSTRUCTION.

3. ALL EARTHWORK AND SUBGRADE COMPACTION  
NECESSARY TO COMPLETE THIS PROJECT IS TO BE  
SUBSIDIARY TO OTHER BID ITEMS.

4. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL  
BE RESTORED TO A CONDITION ACCEPTABLE TO THE  
ENGINEER. THIS WORK SHALL BE SUBSIDIARY TO OTHER  
BID ITEMS.

M. E. LINDEBAK \_\_\_\_\_ CITY ENGINEER

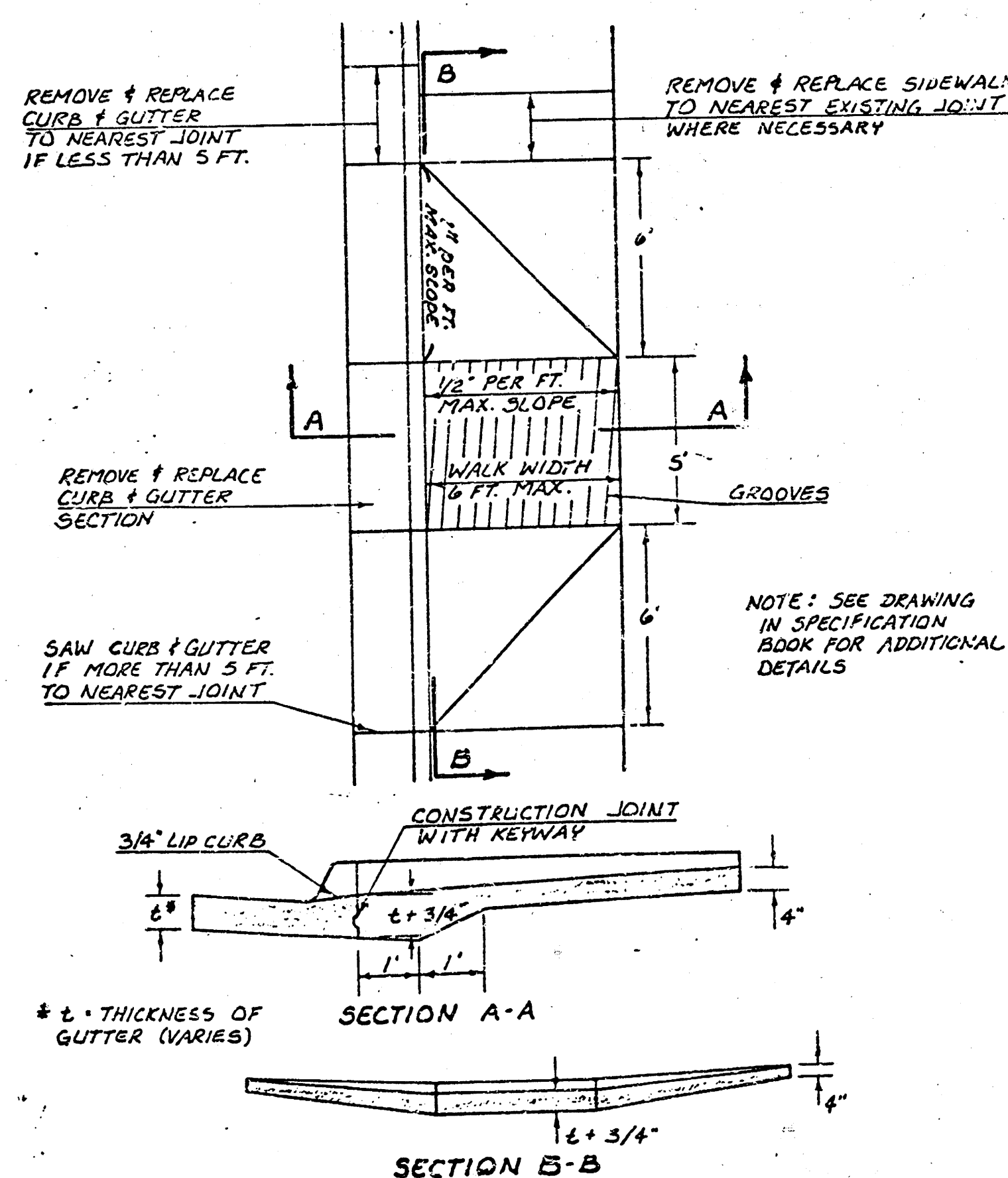
CITY \_\_\_\_\_ OF \_\_\_\_\_ WICHITA, KANSAS



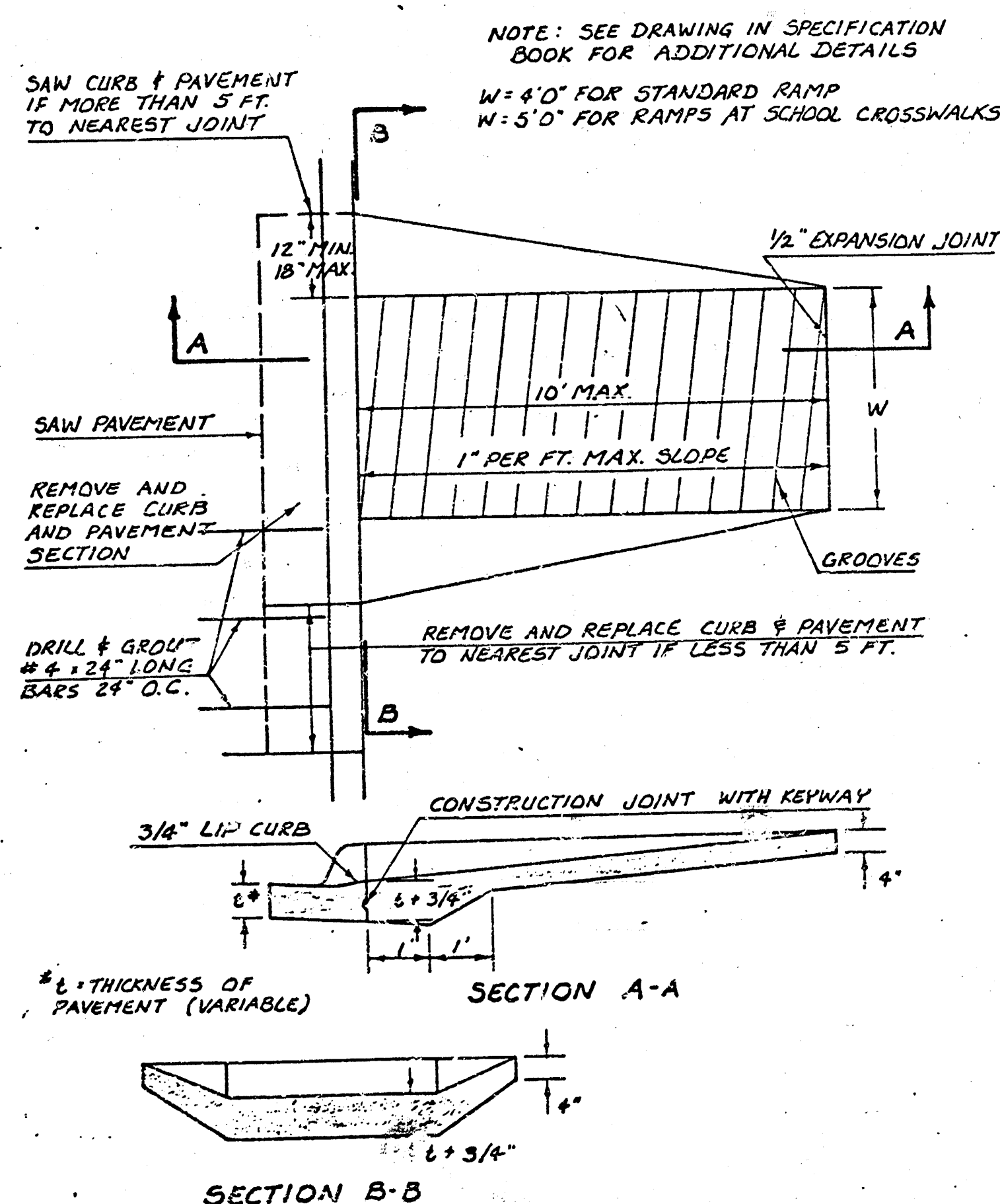
| • INDEX OF SHEETS • |                                       |
|---------------------|---------------------------------------|
| SHEET NO.           | DESCRIPTION                           |
| 1.                  | COVER SHEET                           |
| 2.                  | WHEELCHAIR RAMP DETAILS               |
| 3-4                 | PLAN ON HARRY - TERRACE TO GEORGETOWN |
| 5.                  | " " DOUGLAS - BET. KESSLER & KNIGHT   |
| 6.                  | PLANS BETWEEN 15TH & 16TH STREETS N.  |
| 7.                  | WACO AVE                              |
| 8.                  | PARK PLACE                            |
| 9.                  | MARKET STREET                         |
| 10.                 | BROADWAY AVE                          |
|                     | TOPEKA AVE                            |
| 10A                 | REVISED SHEET 9                       |
| 10A                 | REVISED SHEET 10                      |

THE COST OF ALL WORK INDICATED ON THIS SHEET EXCLUDING RETAINING WALL, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR WHEEL CHAIR RAMP WHICH PRICE SHALL INCLUDE ALL COSTS OF REMOVING AND RECONSTRUCTING EXISTING COMBINED CURB AND GUTTER, MONOLITHIC CURB, PAVEMENT, COMPACTION OF SUBGRADE AND/OR NECESSARY AREA GRADING.

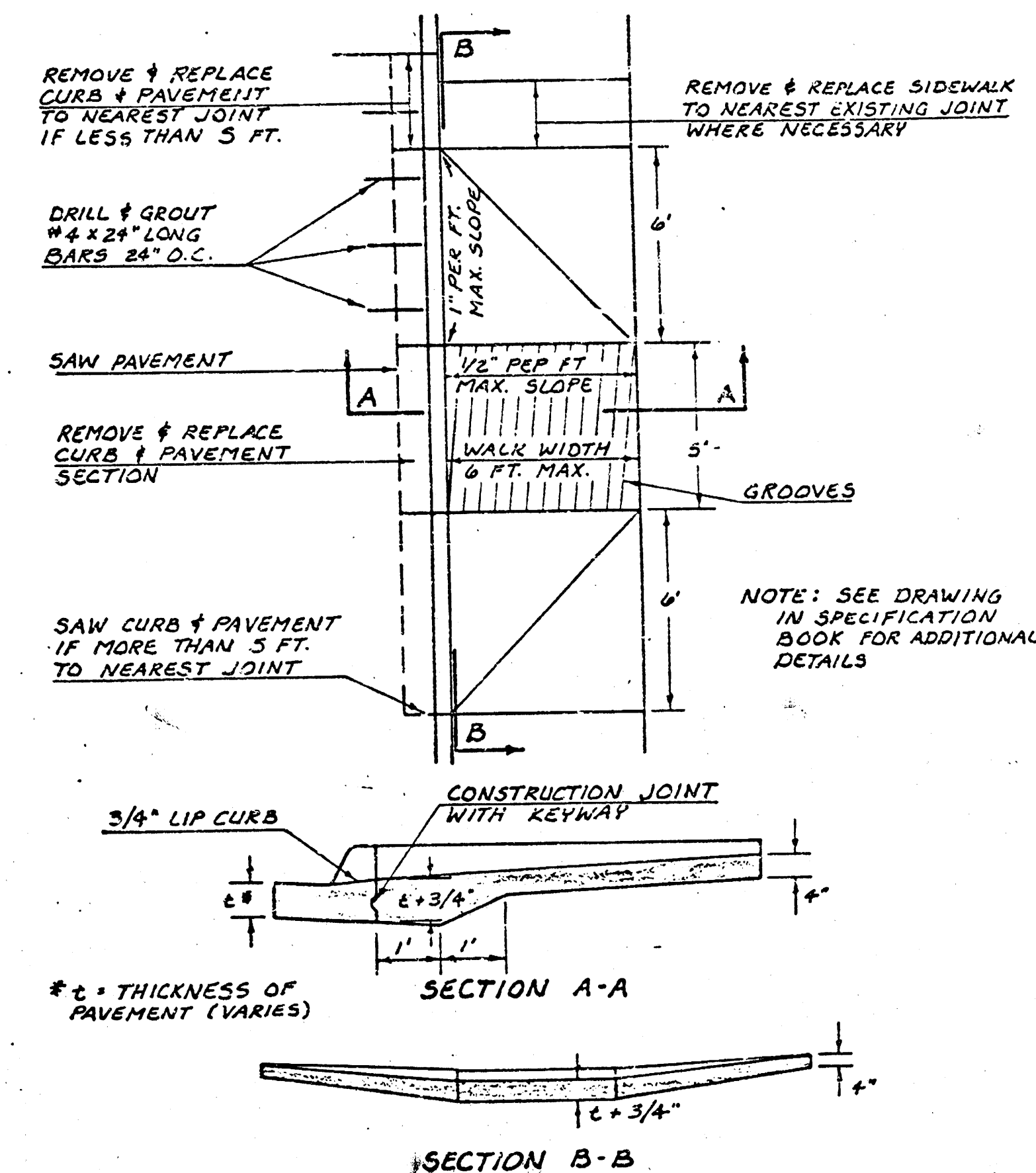
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER AND FULL WALK



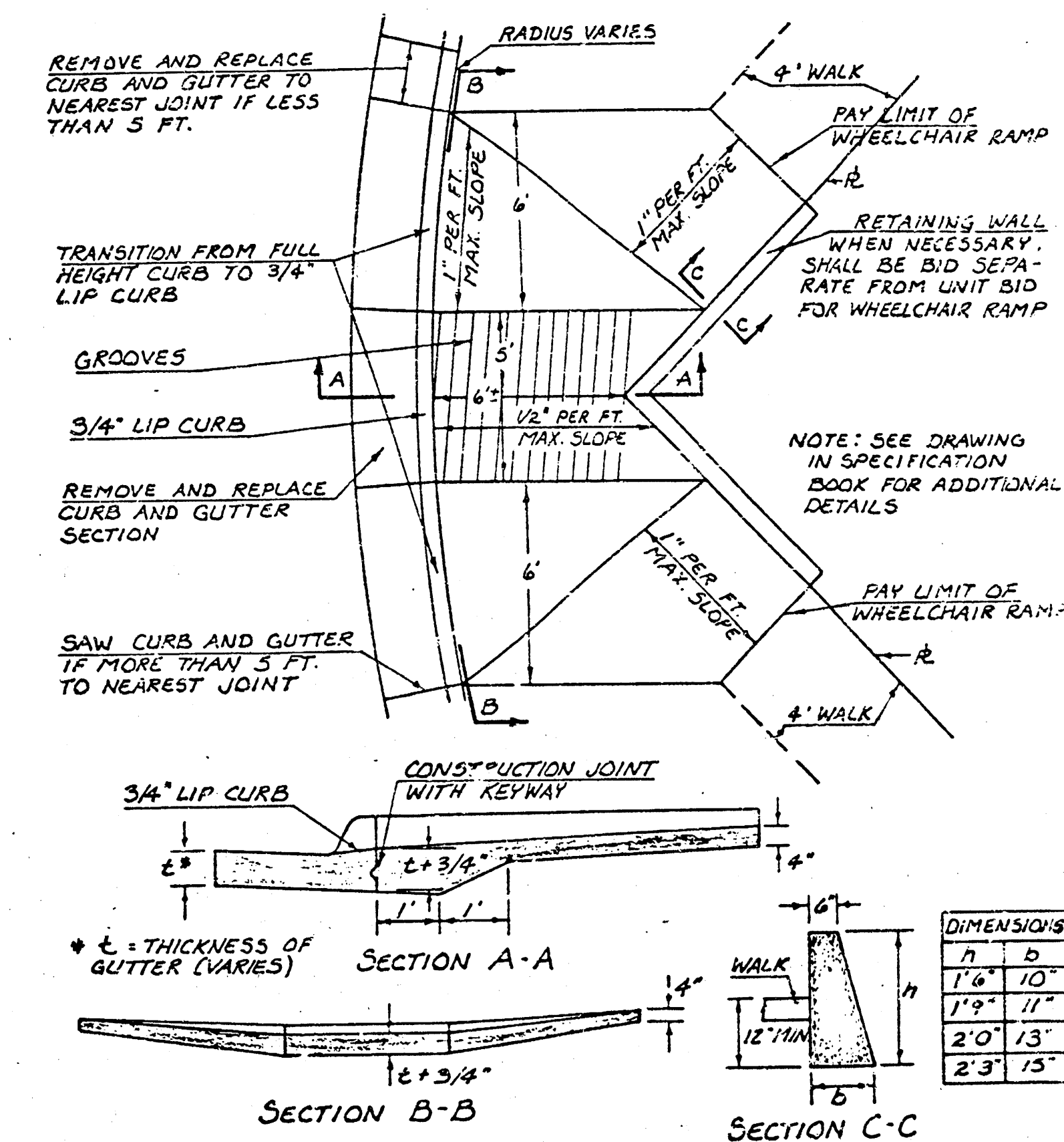
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB



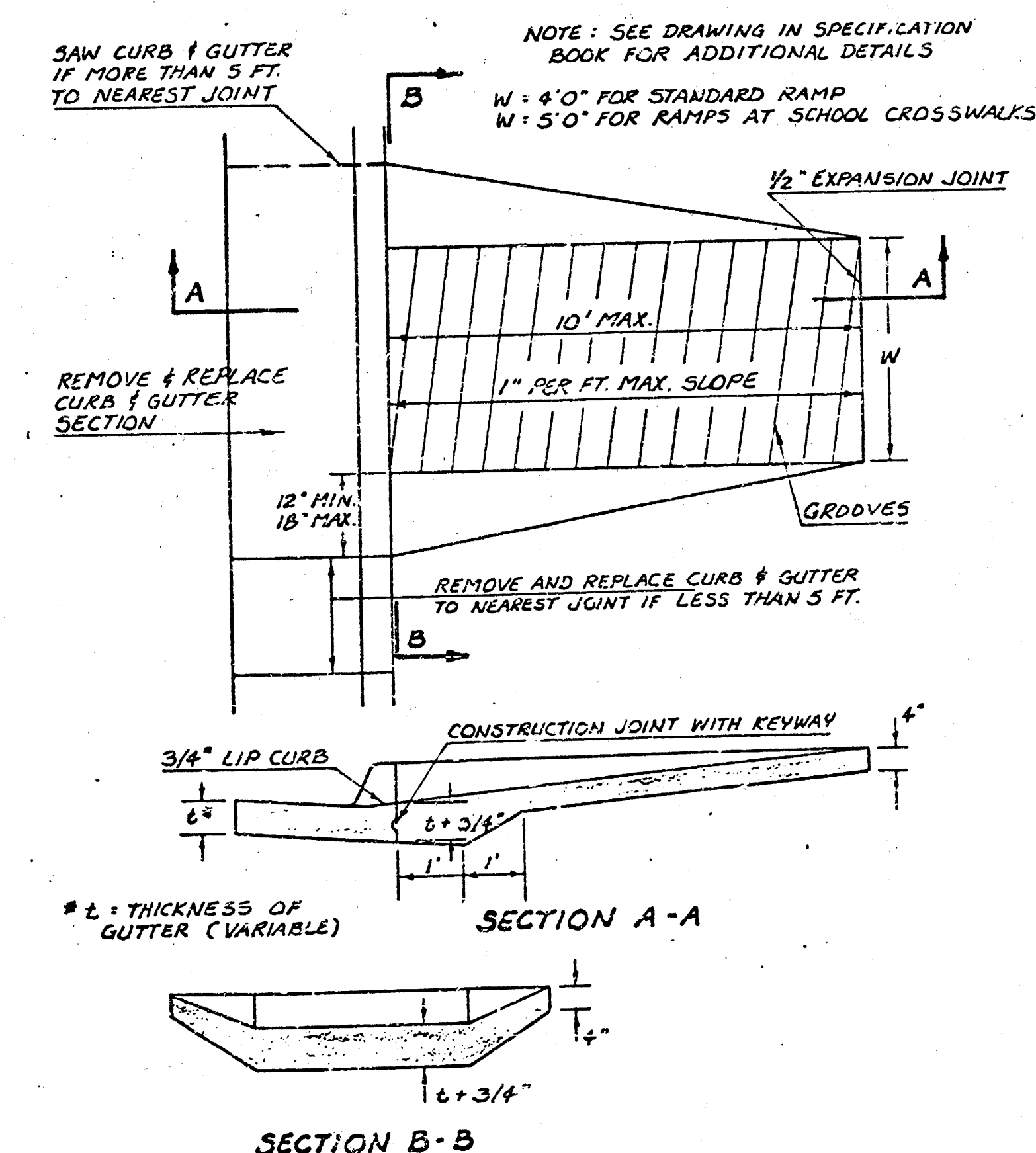
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB AND FULL WALK



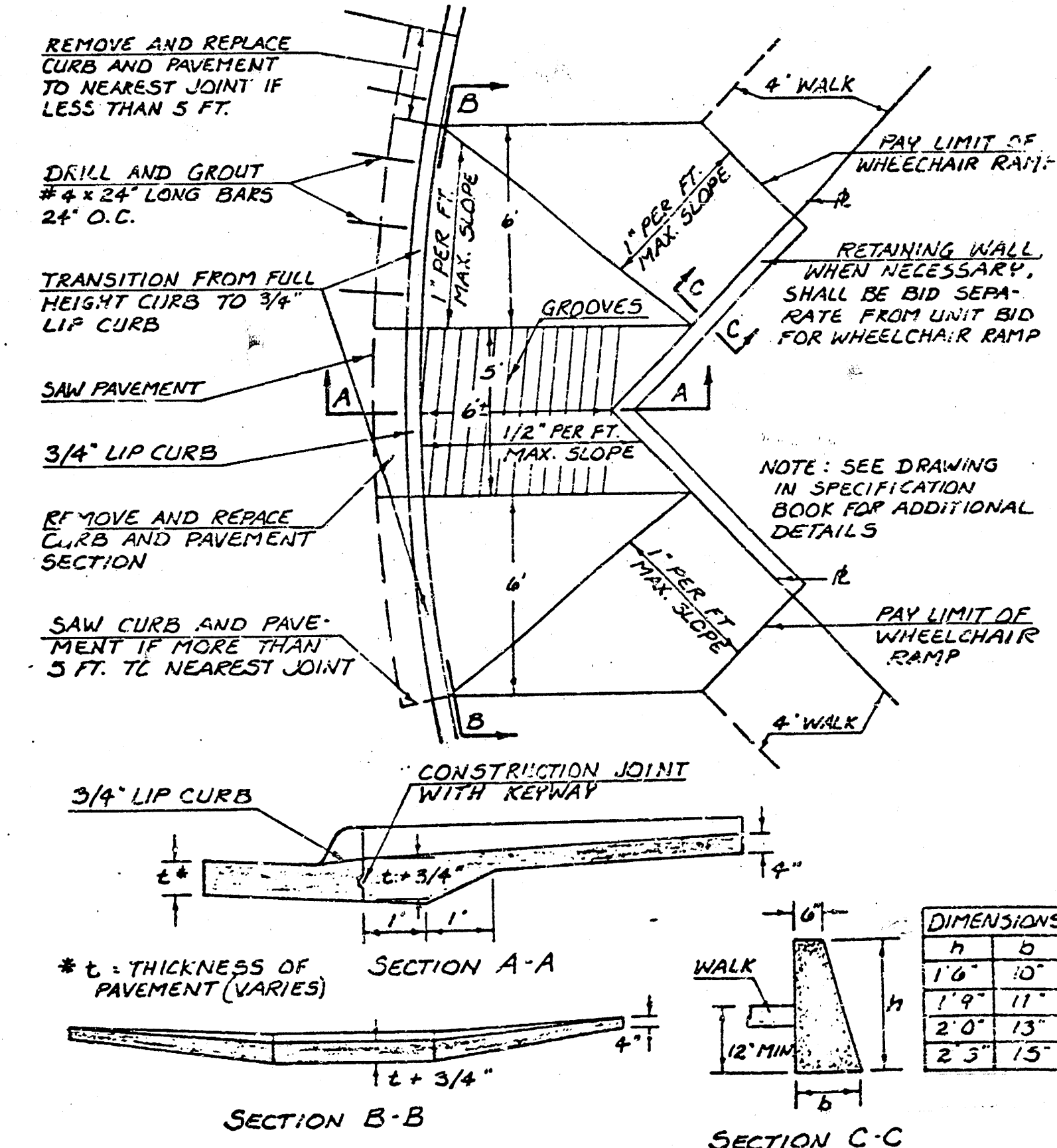
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREET WITH COMBINED CURB AND GUTTER ON RADIUS WITH 6\"/>



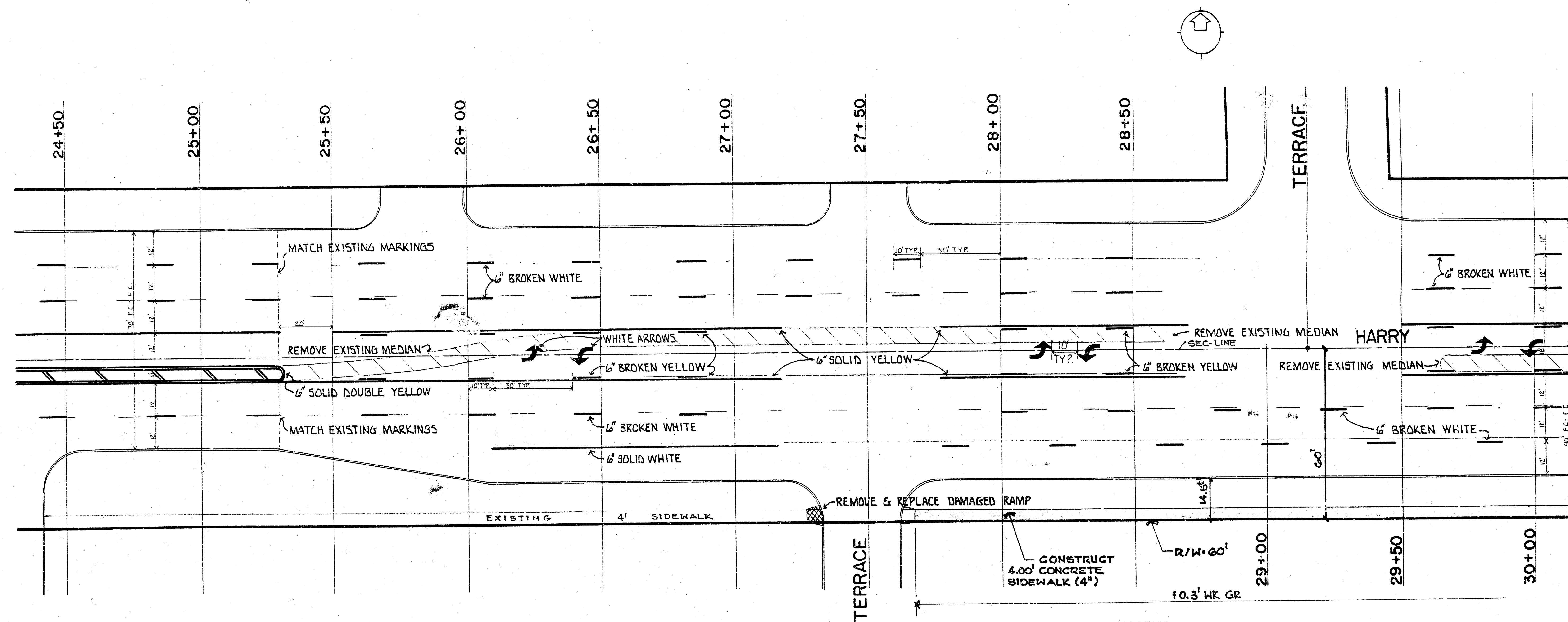
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER



STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB ON RADIUS WITH 6\"/>

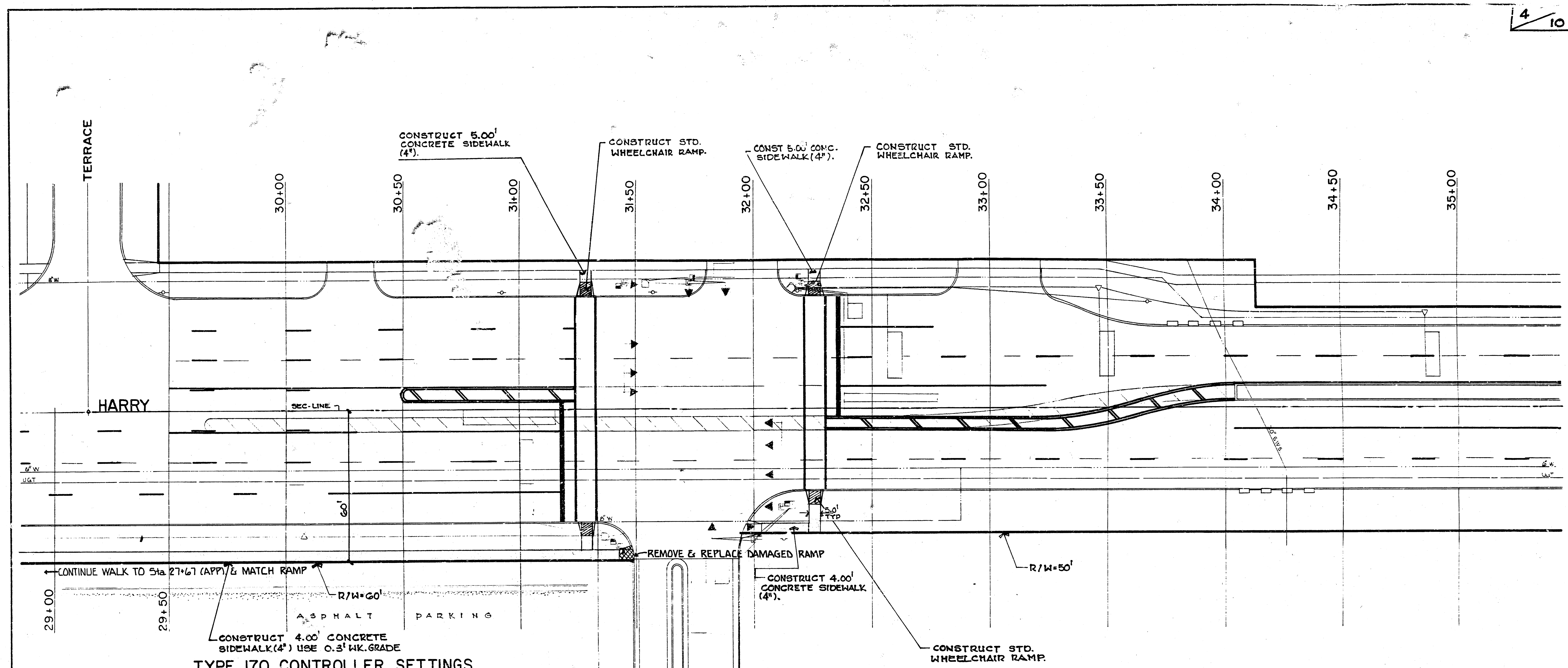


WHEELCHAIR RAMP DETAILS FOR SCHOOL & PEDESTRIAN CROSS WALKS



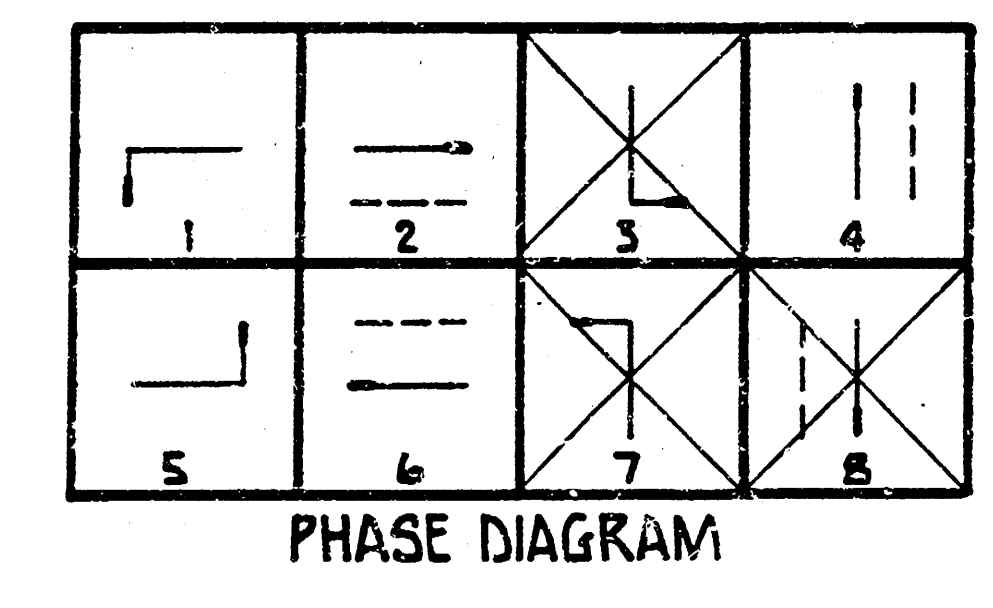
**LEGEND**  
 □ SIDEWALK TO BE CONSTRUCTED  
 ▨ REMOVAL

| SIDEWALK                               |             |              |
|----------------------------------------|-------------|--------------|
| PROJECT DESCRIPTION                    |             |              |
| HARRY bet. BLUFFVIEW & GEORGETOWN      |             |              |
| PAVEMENT MARKING PLAN                  |             |              |
| PROJECT NUMBER                         |             |              |
| 472-76-355-80762-000-000-001           |             |              |
| BOOK NO.                               | APPROVED BY | DATE MAR '96 |
| DRAWN BY JD                            |             | REVISED      |
| CITY OF WICHITA                        |             |              |
| DEPARTMENT OF OPERATIONS & MAINTENANCE |             |              |
| TRAFFIC ENGINEER                       |             | SCALE        |
| WM. G. MCKINLEY                        |             | 1" = 20'     |

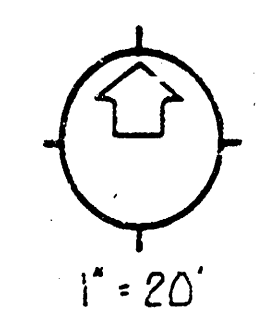


TYPE 170 CONTROLLER SETTINGS

| "WAPITI" PROGRAM" |       |     |   |     |   |     |   |   | NORMAL DISPLAY |             |             |   |   |   |   |   |   |   |
|-------------------|-------|-----|---|-----|---|-----|---|---|----------------|-------------|-------------|---|---|---|---|---|---|---|
| INTERVAL          | PHASE |     |   |     |   |     |   |   | TIME CLOCK     | FEATURES    |             |   |   |   |   |   |   |   |
|                   | 1     | 2   | 3 | 4   | 5 | 6   | 7 | 8 |                | C           | F           | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| MAX               | 0     | 80  |   | 40  |   | 80  |   |   | 0              | YEAR        | VEH RECALL  |   |   | X |   |   | X |   |
| MAX 2             | 1     | 80  |   | 40  |   | 80  |   |   | 1              | MONTH       | PED RECALL  |   |   |   |   |   |   |   |
| WALK              | 2     | 10  |   | 8   |   | 10  |   |   | 2              | DAY / MONTH | RED LOCK    |   |   |   |   |   |   |   |
| FL DW             | 3     | 22  |   | 10  |   | 22  |   |   | 3              | DAY / WEEK  | YEL LOCK    |   |   |   |   |   |   |   |
| MAX INIT          | 4     | 30  |   | 10  |   | 30  |   |   | 4              | HOUR        | Ø PERMIT    | X | X | X | X | X | X | X |
| MIN GREEN         | 5     | 10  |   | 8   |   | 10  |   |   | 5              | MINUTE      | PED PHASES  | X | X | X | X | X | X | X |
| TBR               | 6     | 30  |   | 10  |   | 30  |   |   | 6              | SECOND      | LEAD PHASES | X | X | X | X | X | X | X |
| TTR               | 7     | 40  |   | 5   |   | 40  |   |   | 7              |             | DBL ENTRY   |   |   |   |   |   |   |   |
|                   | 8     |     |   |     |   |     |   |   | 8              |             | SEQUENTIAL  |   |   |   |   |   |   |   |
| PASSAGE           | 9     | 4.0 |   | 1.5 |   | 4.0 |   |   | 9              |             | START UP    |   |   |   |   |   |   |   |
| MIN GAP           | a     | 2.0 |   | 1.0 |   | 2.0 |   |   | a              |             | OVERLAP A   |   |   |   |   |   |   |   |
| ADD ACT           | b     | 2.0 |   | 1.0 |   | 2.0 |   |   | b              |             | OVERLAP B   |   |   |   |   |   |   |   |
| YELLOW            | c     | 3.5 |   | 3.5 |   | 3.5 |   |   | c              |             | OVERLAP C   |   |   |   |   |   |   |   |
| RED CLR           | d     | 1.0 |   | 1.0 |   | 1.0 |   |   | d              |             | OVERLAP D   |   |   |   |   |   |   |   |
| RED REV           | e     |     |   |     |   |     |   |   | e              |             | EXCLUSIVE   |   |   |   |   |   |   |   |
| WALK II           | f     |     |   |     |   |     |   |   | f              |             | SIM GAP     | X | X |   |   |   | X |   |



- LEGEND**
- SIGNAL POLE W/MASTARM
  - TRAFFIC SIGNAL
  - PEDESTRIAN INDICATIONS
  - SERVICE BOX
  - 3/4" CONDUIT
  - 1-1/4" CONDUIT
  - 2" CONDUIT
  - CONTROLLER JUNCTION BOX
  - SIDEWALK TO BE CONSTRUCTED.
  - REMOVAL



**SIDEWALK**

PROJECT DESCRIPTION

**HARRY & GEORGETOWN**

TRAFFIC SIGNALIZATION PLAN

PROJECT NUMBER

472 76 355 80762000 000 001

BOOK NO. APPROVED BY DATE FEB. 86

DRAWN BY JD. REVISED

CITY OF WICHITA

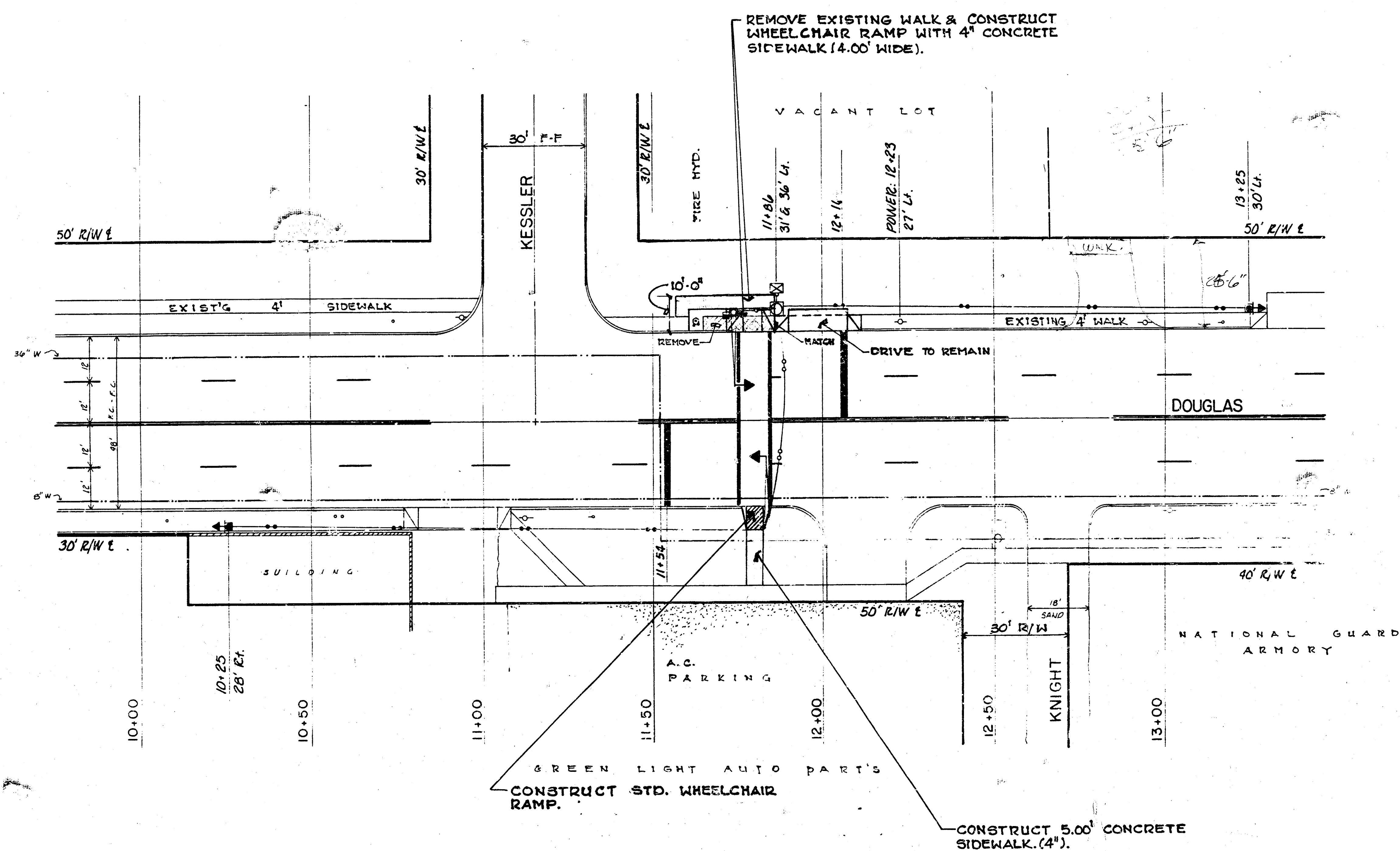
DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER

WM. G. MCKINLEY

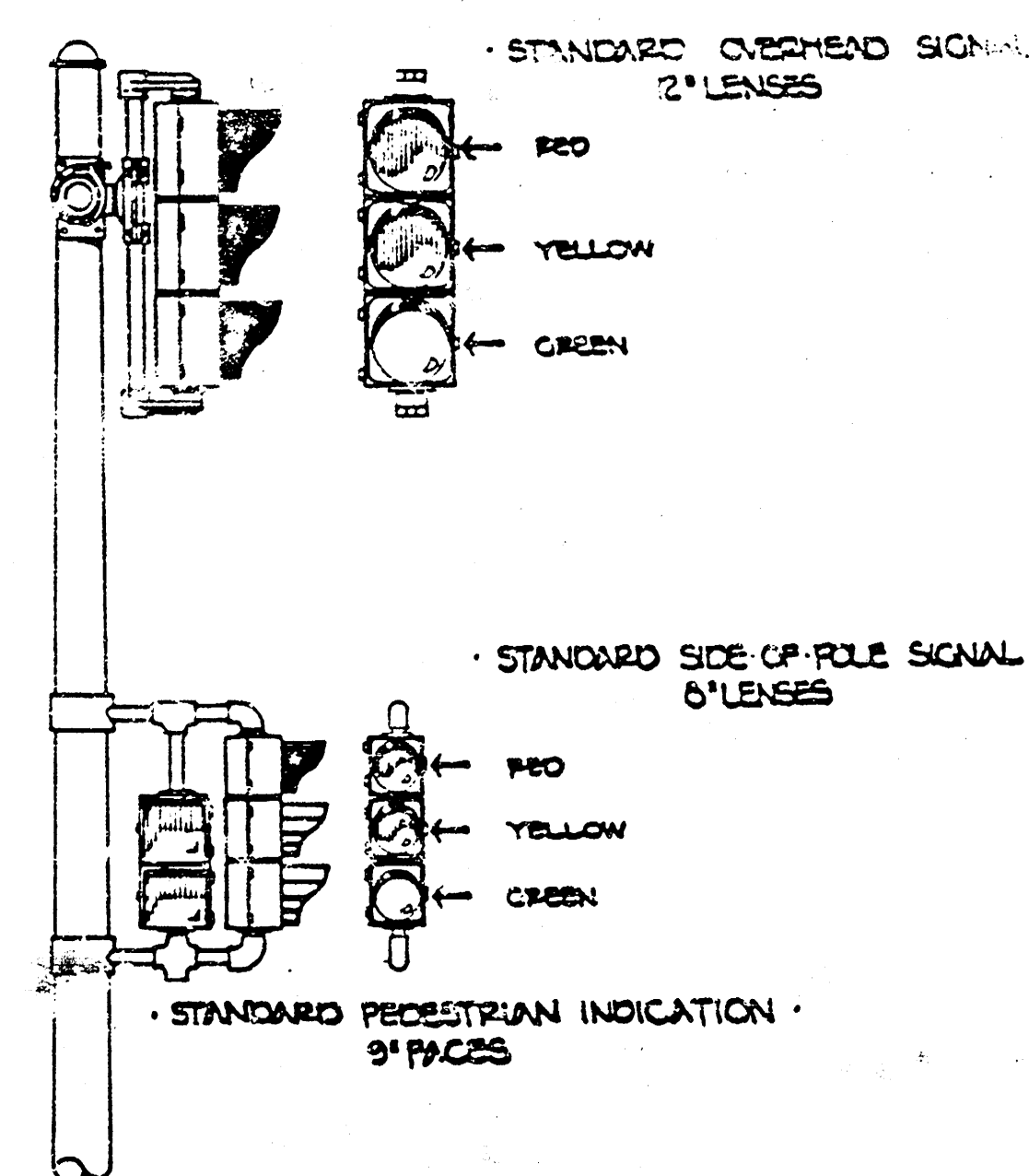
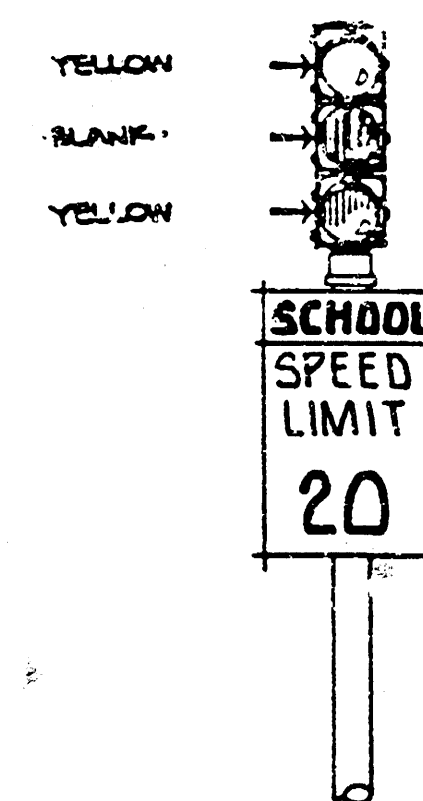
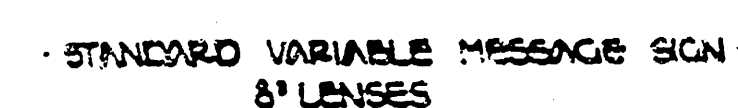
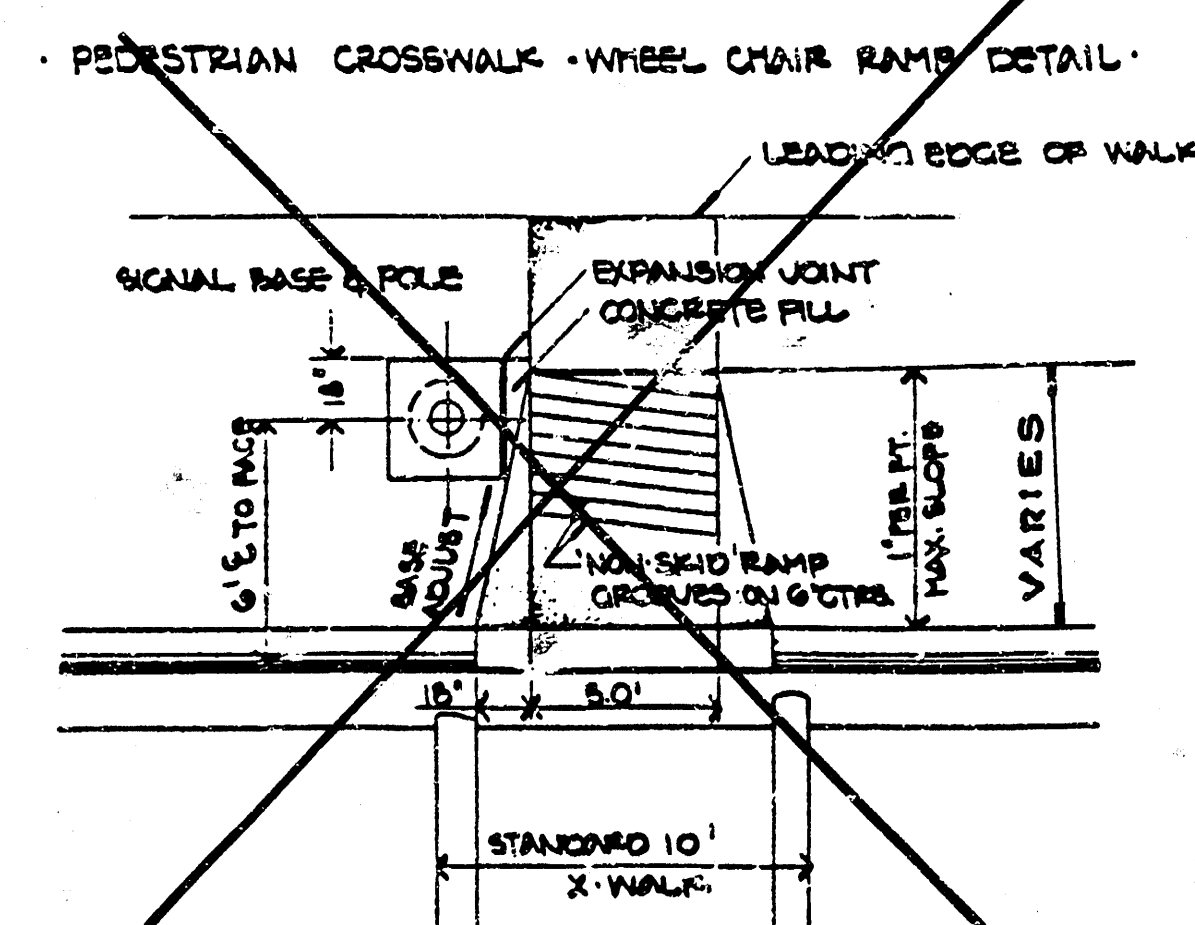
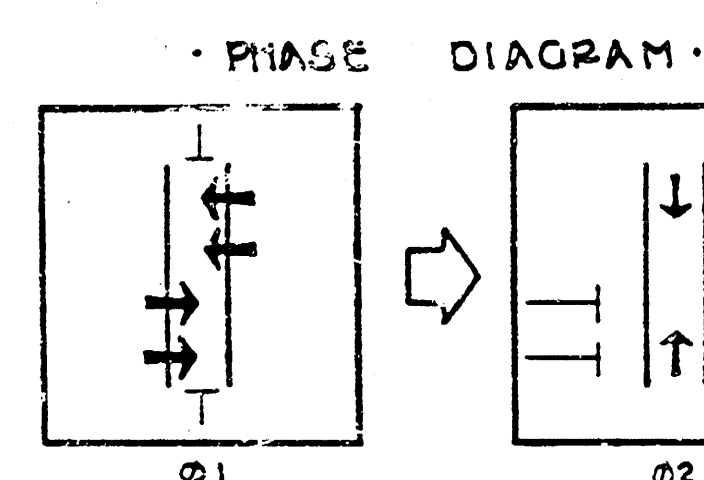
SCALE

1" = 20'



GENERAL NOTES:

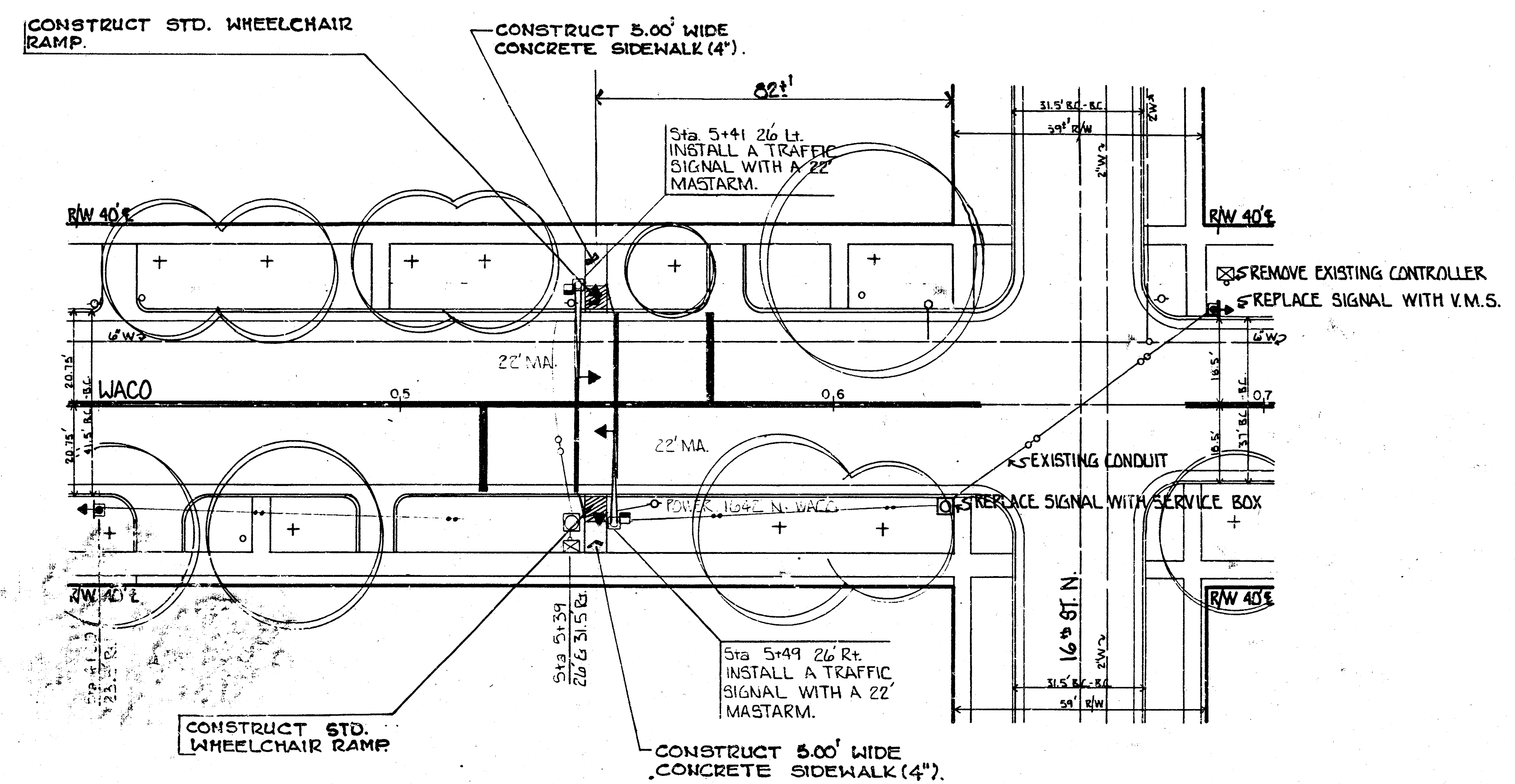
1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, FOR A REQUEST OF RELOCATION OF ALL SIGNALS, TRAFFIC SIGNALS, SEMI-CIRCULARS, AND/OR CONUS.
2. CONDUIT TO BE PULSED OR JACKED UNDER EXISTING PAVEMENT UNDER ALL SIGNALS, DRIVE APPROACHES, ETC., UNLESS OTHERWISE NOTED.
3. TRAFFIC TO BE CARRIED THROUGHOUT CONSTRUCTION.
4. STANDARD CONSTRUCTION SIGNING AS OUTLINED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
5. THE CONTRACTOR OR FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION, AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANT.
6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, (EXCEPT AS OTHERWISE NOTED).
7. FINAL INSTALLATION PRIEL CHAIN RAMP, WALK, SPECIFICATIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SECTION.



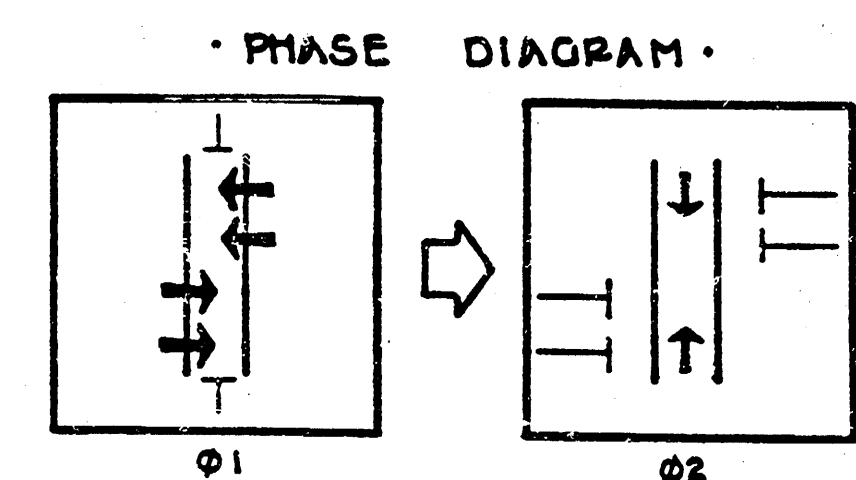
**·LEGEND·**

-  SIGNAL INSTALLATION (BASE, ROLL, MUSTARM)  
 TRAFFIC SIGNAL  
 PEDESTRIAN INDICATION  
 V.M.S. INSTALLATION  
 SERVICE BOX  
 CONTROLLER - PEDESTAL MOUNT  
 3/4" CONDUIT  
 1 1/4" CONDUIT  
 2.0" CONDUIT

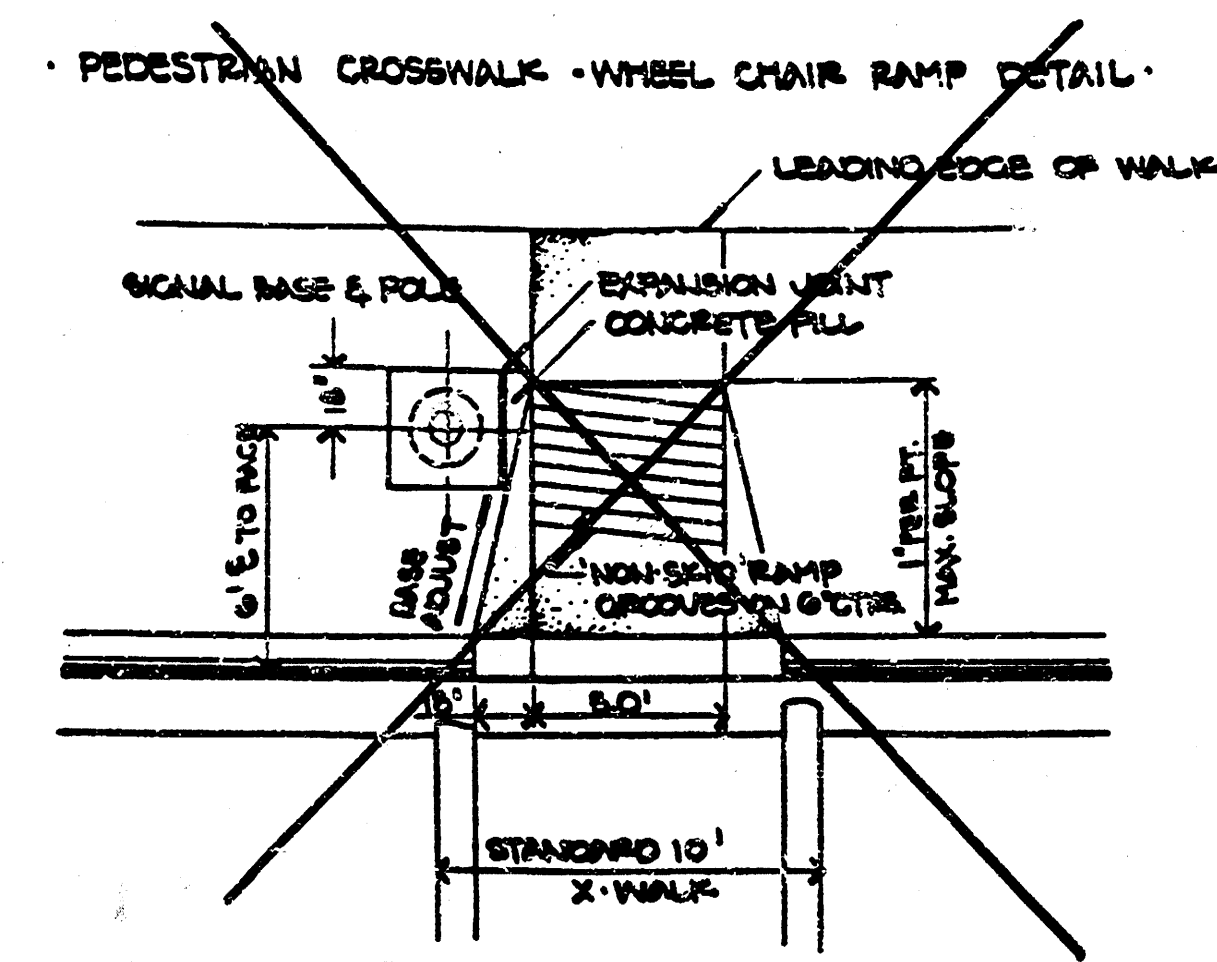
|                                                                                           |                          |
|-------------------------------------------------------------------------------------------|--------------------------|
| PROJECT DESCRIPTION                                                                       |                          |
| DOUGLAS bet. KESSLER and KNIGHT<br>SCHOOL X-WALK SIGNALIZATION<br>• LAWRENCE ELEMENTARY • |                          |
| PROJECT NUMBER<br>472 76 355 80756000 000 001                                             |                          |
| BOOK NO.                                                                                  | APPROVED BY              |
| DRAWN BY JD                                                                               | DATE OCT. '86<br>REVISED |
| CITY OF WICHITA                                                                           |                          |
| DEPARTMENT OF OPERATIONS & MAINTENANCE                                                    |                          |
| TRAFFIC ENGINEER<br>WM. G. WIKINLEY                                                       | SCALE<br>1"=20'          |



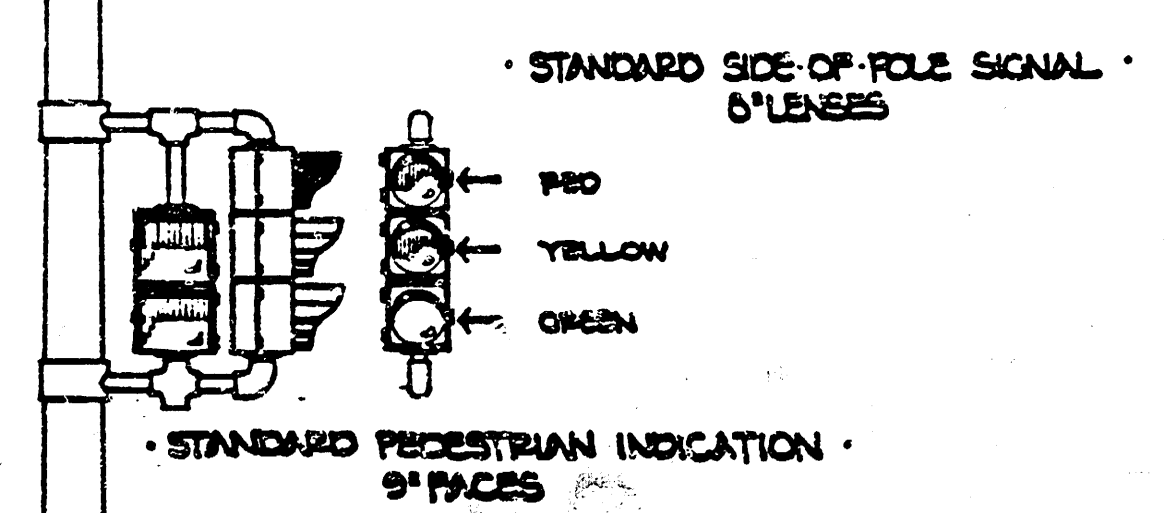
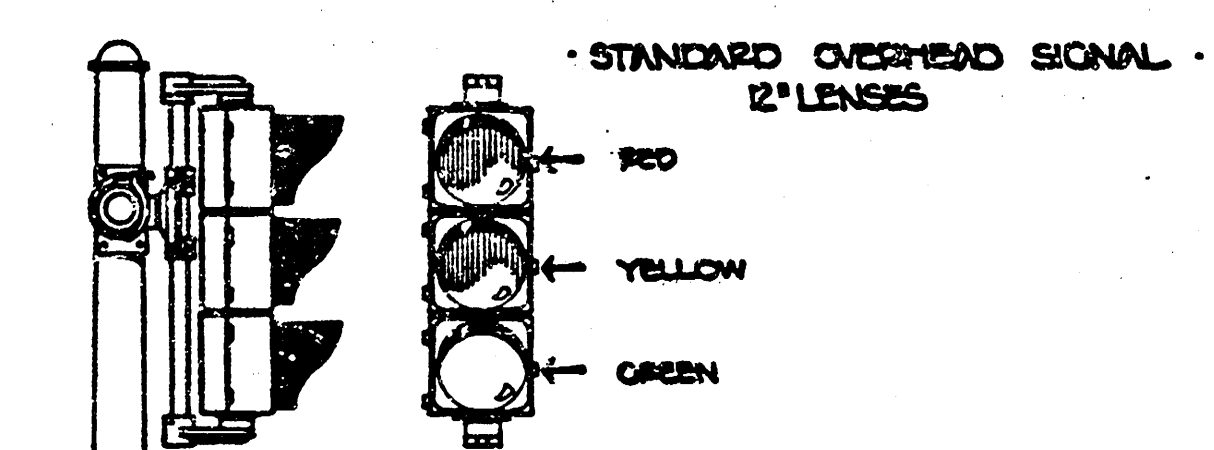
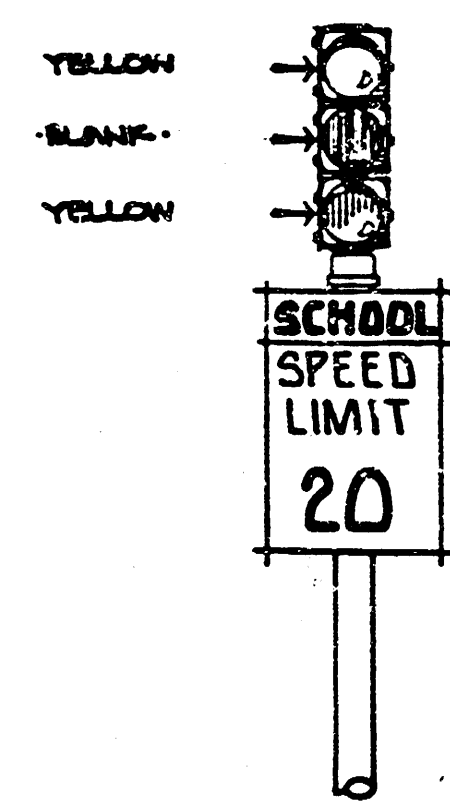
- GENERAL NOTES:**
1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROL BOX, SIGNAL SERVICE LOOPS, AND/OR CONDUIT.
  2. CONDUIT TO BE PUSHED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC. UNLESS OTHERWISE NOTED.
  3. TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.
  4. STANDARD CONSTRUCTION SIGNING, AS OUTLINED IN THE BASECOURSE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
  5. THE CONTRACTOR/GE FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANT.
  6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (EXCEPT AS OTHERWISE NOTED).
  7. SIGNAL INSTALLATION, WHEEL CHAIR RAMP, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.



**NOTE: USE CAUTION WHEN TRENCHING-  
UNDERGROUND UTILITIES MAY BE PRESENT.**

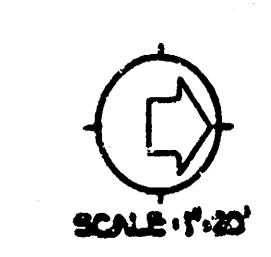


**STANDARD VARIABLE MESSAGE SIGN - 8" LENSES**

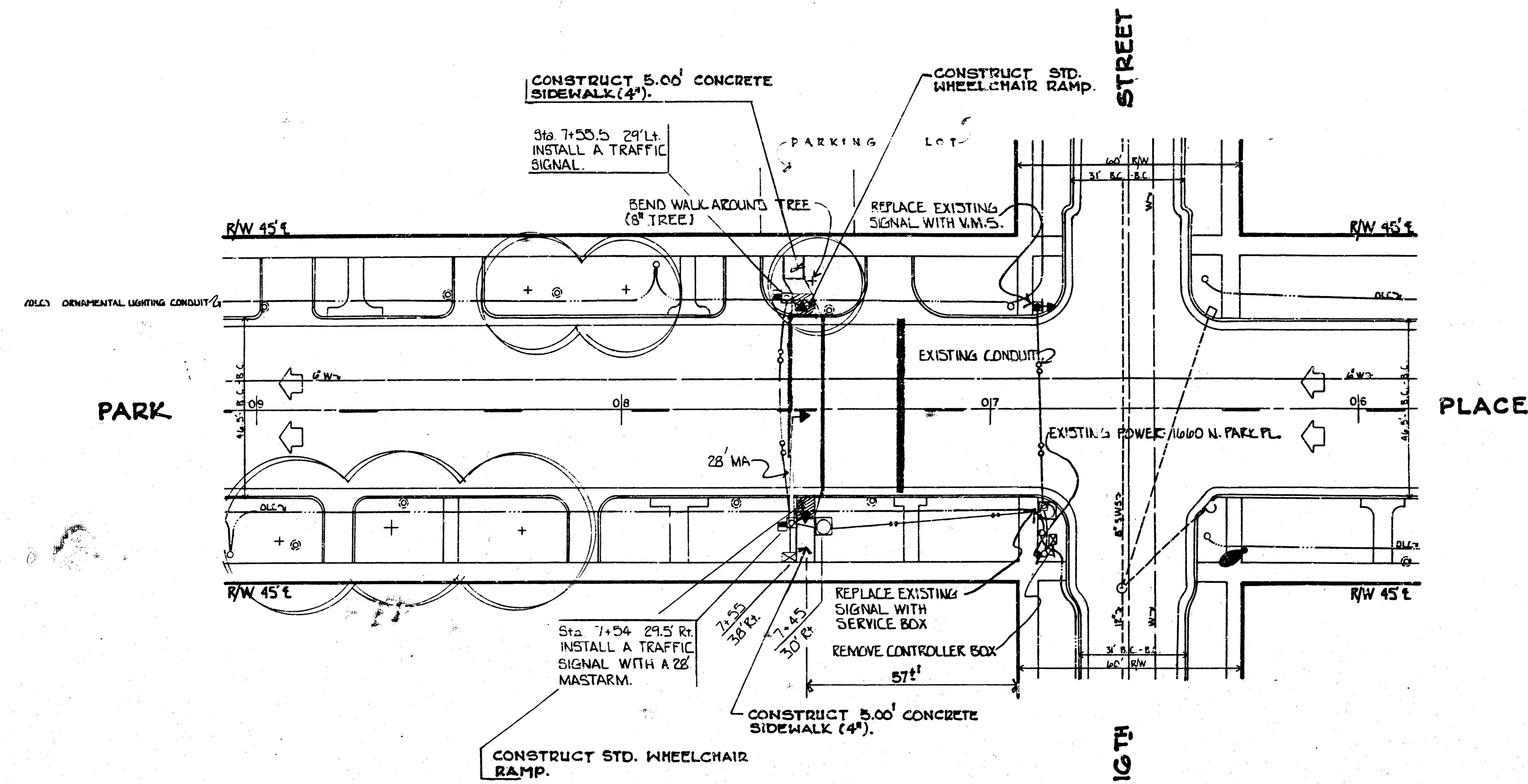


**STANDARD PEDESTRIAN INDICATION - 8" FACES**

- LEGEND:**
- SIGNAL INSTALLATION (BASE, POLE, MASTARM)
  - TRAFFIC SIGNAL
  - PEDESTRIAN INDICATION
  - V.M.S. INSTALLATION
  - SERVICE BOX
  - CONTROLLER - PEDESTAL MOUNT
  - 3/4" CONDUIT
  - 1 1/4" CONDUIT
  - 2.0" CONDUIT

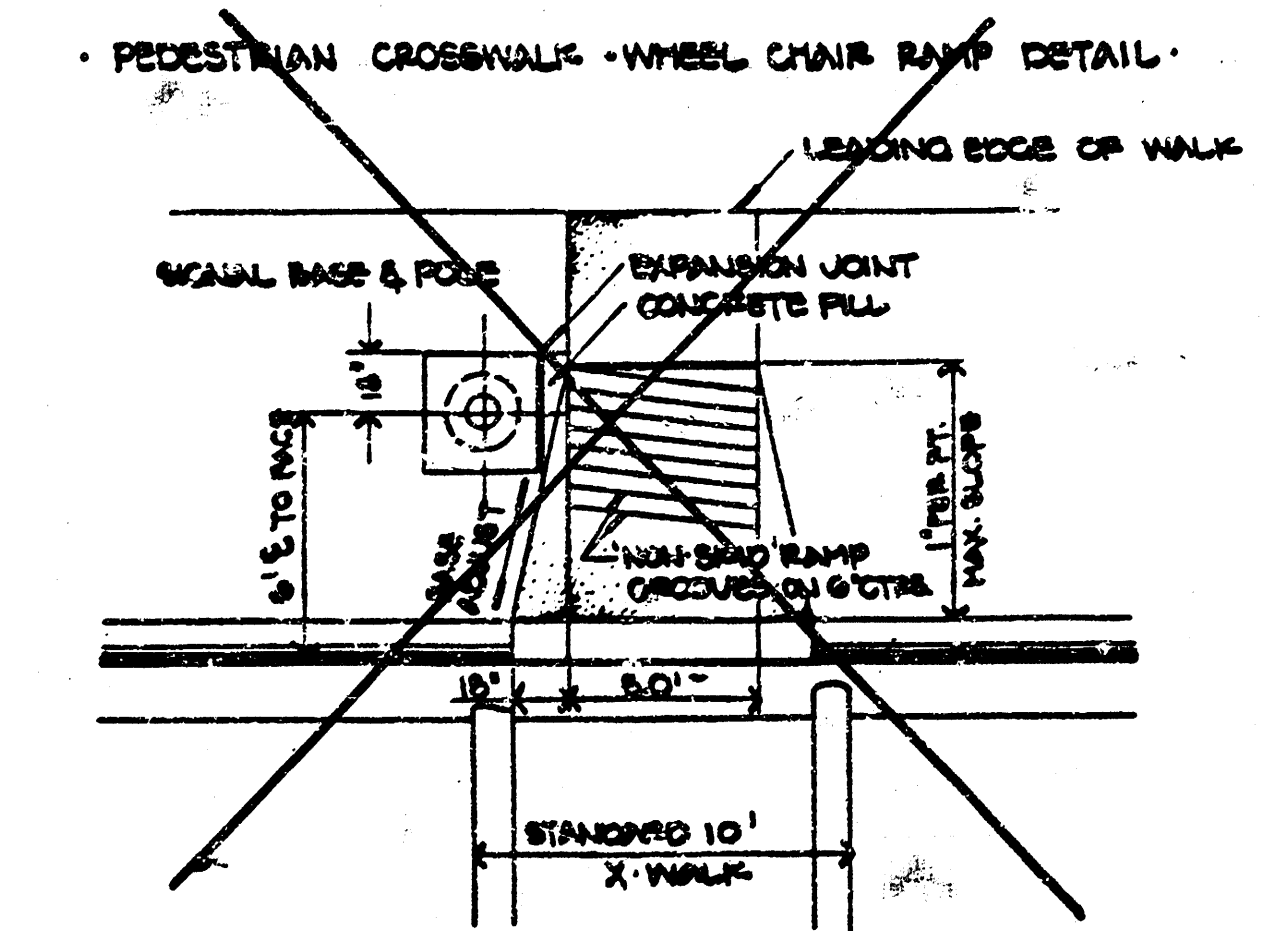
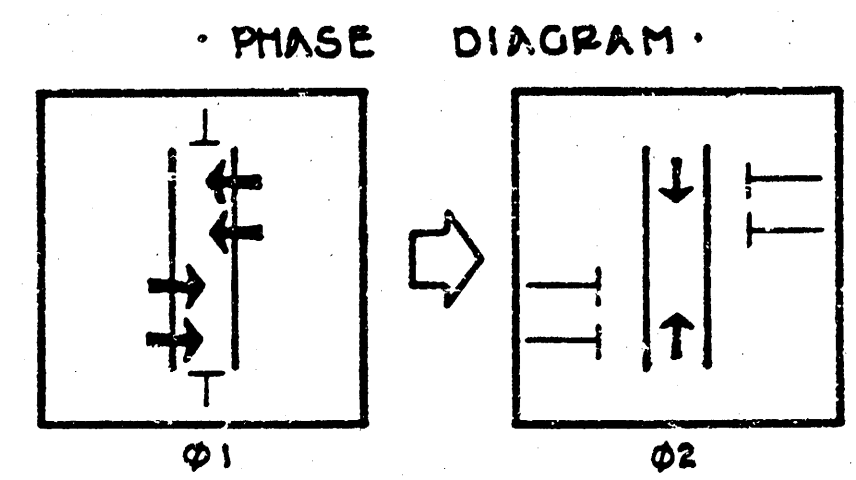


|                                                 |             |              |
|-------------------------------------------------|-------------|--------------|
| PROJECT DESCRIPTION                             |             |              |
| WACO between 15th & 16th STS. N.                |             |              |
| SCHOOL X-WALK SIGNALIZATION - IRVING ELEMENTARY |             |              |
| PROJECT NUMBER                                  |             |              |
| 412 76 355 80757 000 000 001                    |             |              |
| BOOK NO.                                        | APPROVED BY | DATE AUG 85  |
| DRAWN BY JD                                     |             | REVISED      |
| CITY OF WICHITA                                 |             |              |
| DEPARTMENT OF OPERATIONS & MAINTENANCE          |             |              |
| TRAFFIC ENGINEER                                |             | SCALE 1"=20' |
| W. G. MCKINLEY                                  |             |              |



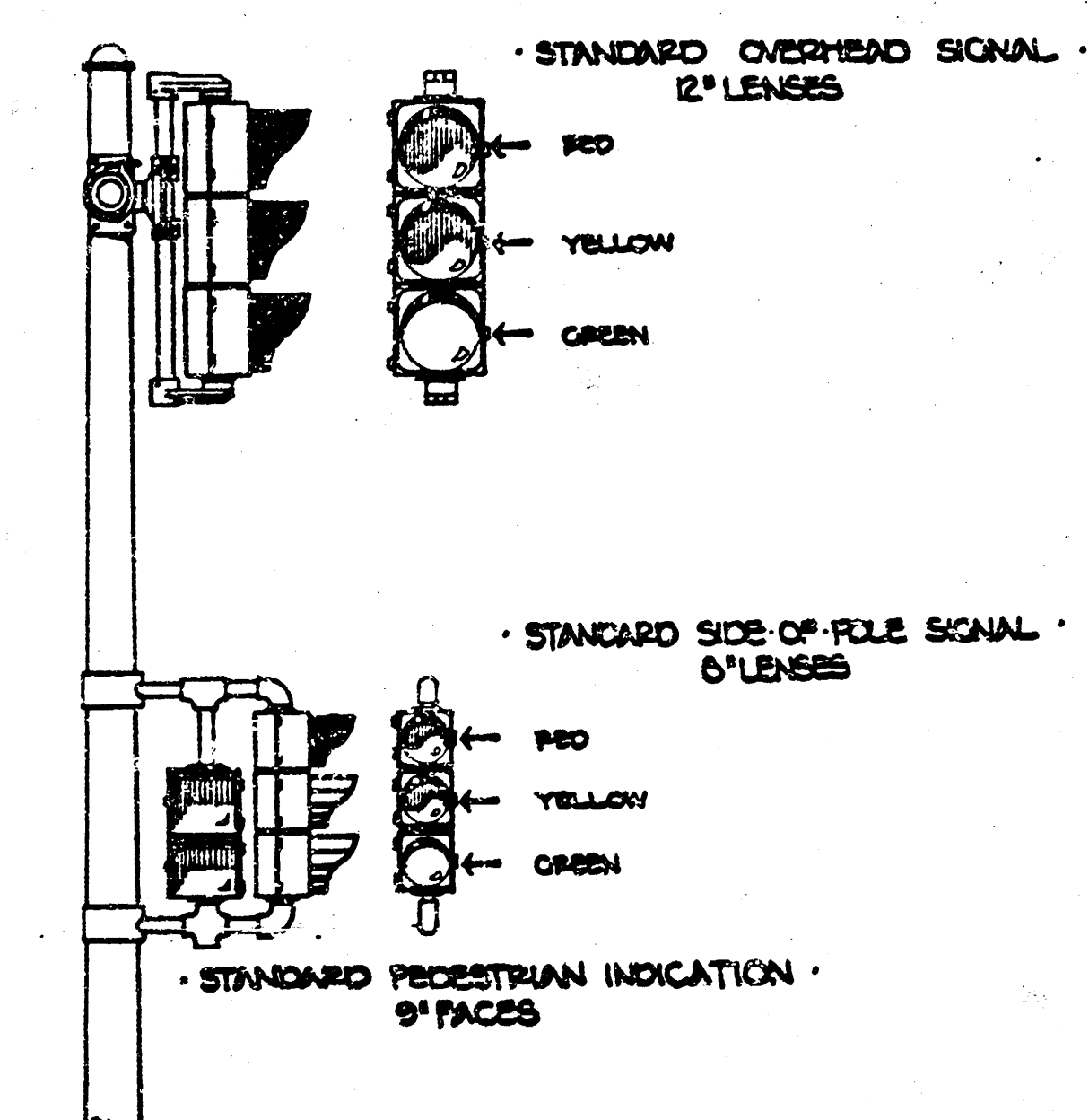
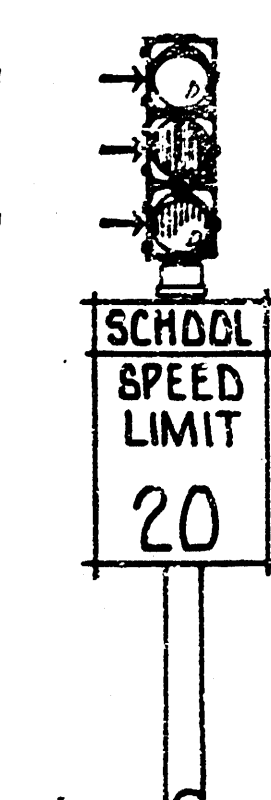
NOTE: USE CAUTION WHEN TRENCHING-  
UNDERGROUND UTILITIES MAY BE PRESENT.

- GENERAL NOTES:**
1. CONTACT THE TRAFFIC ENGINEERING SECTION, DEPARTMENT OF ENGINEERING, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, LOTS, AND/OR CONDUIT.
  2. CONDUIT TO BE RUNNED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC. UNLESS OTHERWISE NOTED.
  3. TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.
  4. STANDARD CONSTRUCTION SIGNING AS OUTLINED IN THE SUBGRADE MANUAL ON THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
  5. THE CONTRACTOR/OF FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION, AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANT.
  6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, (EXCEPT AS OTHERWISE NOTED).
  7. SIGNAL INSTALLATION, WHEEL CHAIR RAMP, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS OF THE DESIGN AND TRAFFIC SECTIONS OF THE ENGINEERING DEPARTMENT, C.O.W. (REFER TO CONTRACT SPEC. ETC. FOR CLARIFICATION.)

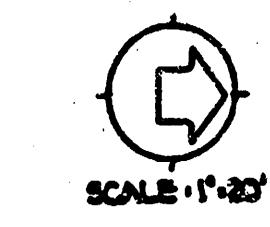


STANDARD VARIABLE MESSAGE SIGN  
8" LENSES

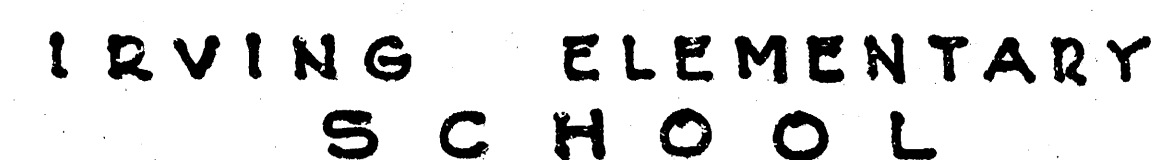
YELLOW  
BLANK  
YELLOW



- LEGEND:**
- SIGNAL INSTALLATION (BASE, POLE, MASTARM)
  - ◀ TRAFFIC SIGNAL
  - ◀ PEDESTRIAN INDICATION
  - ◀ V.M.S. INSTALLATION
  - SERVICE BOX
  - ◀ CONTROLLER - PEDESTAL MOUNT
  - 3/4" CONDUIT
  - 1 1/2" CONDUIT
  - 2.0" CONDUIT

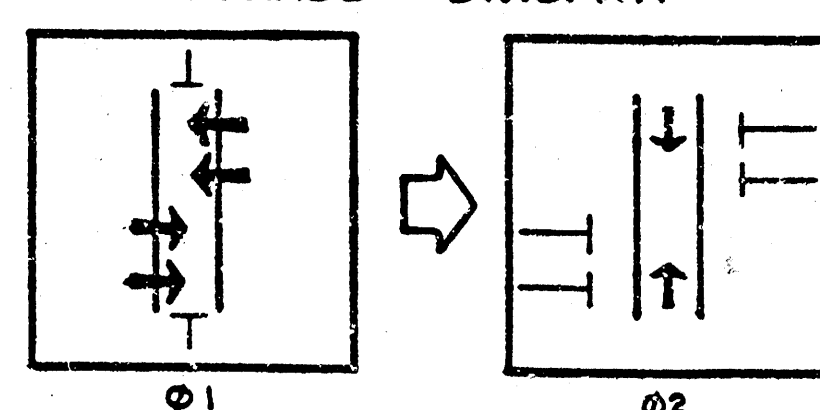


|                                        |             |              |
|----------------------------------------|-------------|--------------|
| PROJECT DESCRIPTION                    |             |              |
| PARK PLACE between 15th & 16th STS N.  |             |              |
| SCHOOL X-WALK SIGNALIZATION            |             |              |
| - IRVING ELEMENTARY -                  |             |              |
| PROJECT NUMBER                         |             |              |
| 472 76 355 80757 000 000 001           |             |              |
| BOOK NO.                               | APPROVED BY | DATE JUL '85 |
| DRAWN BY JD                            | REVISOR     |              |
| CITY OF WICHITA                        |             |              |
| DEPARTMENT OF OPERATIONS & MAINTENANCE |             |              |
| TRAFFIC ENGINEER                       |             | SCALE 1"=20' |
| WM. G. MCKINLEY                        |             |              |

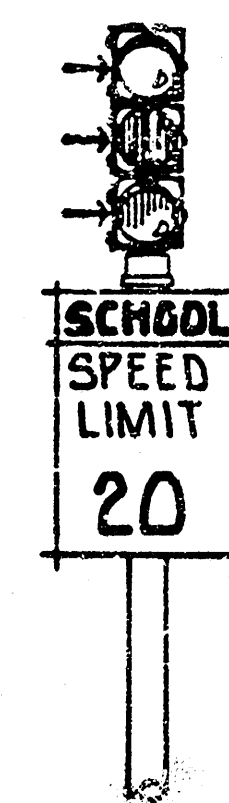


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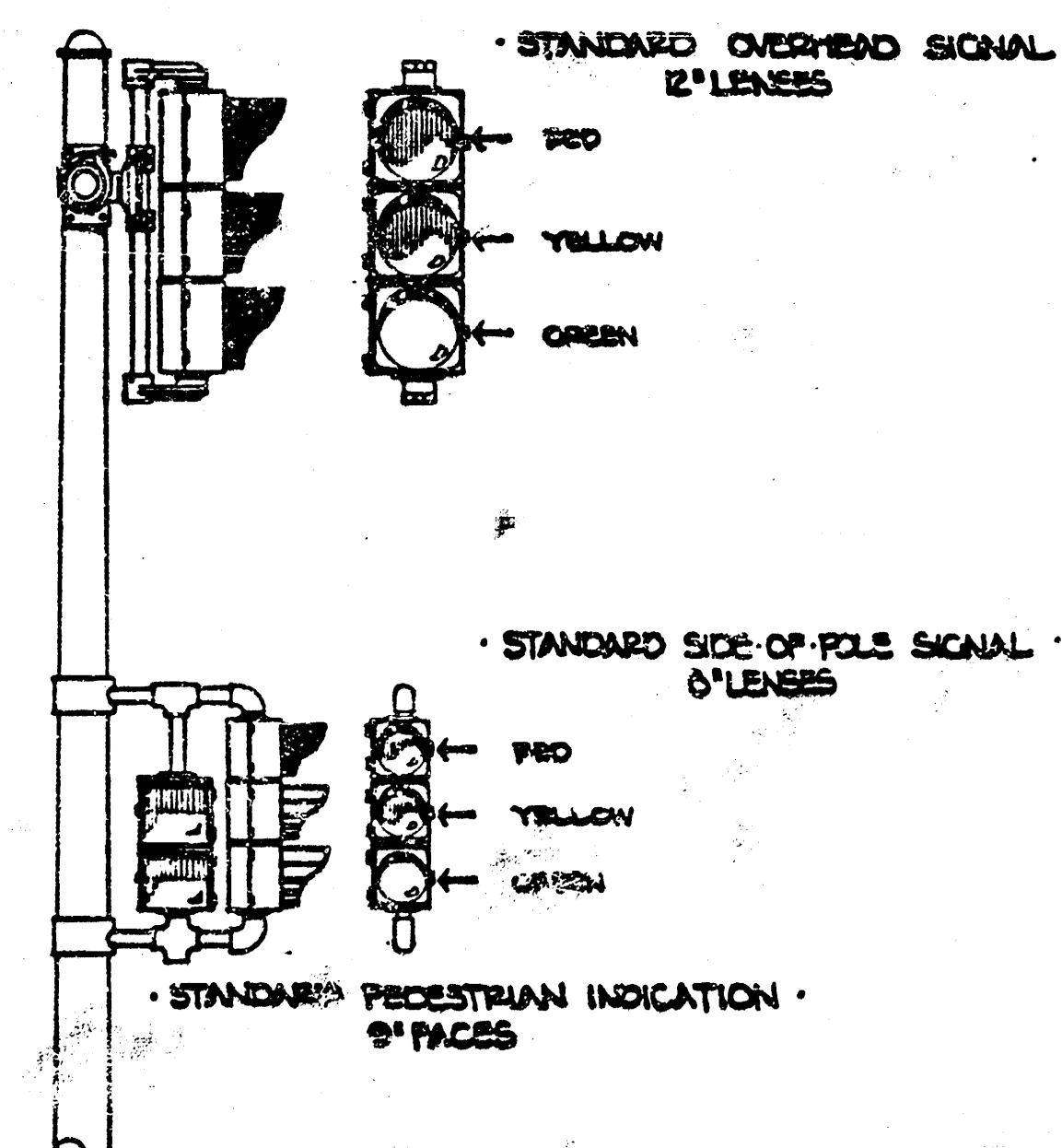
- PHASE DIAGRAM •



• STANDARD VARIABLE MESSAGE SIGN -  
8" LENSES

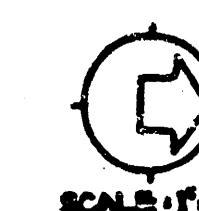


YELLOW  
-BLANK-  
YELLOW



LEGEND:

-  SIGNAL INSTALLATION (BASE, POLE, MASTARM)  
 TRAFFIC SIGNAL  
 PEDESTRIAN INDICATION  
 V.M.S. INSTALLATION  
 SERVICE BOX  
 CONTROLLER - PEDESTAL MOUNT  
 3/4" CONDUIT  
 1 1/4" CONDUIT  
 2.0" CONDUIT



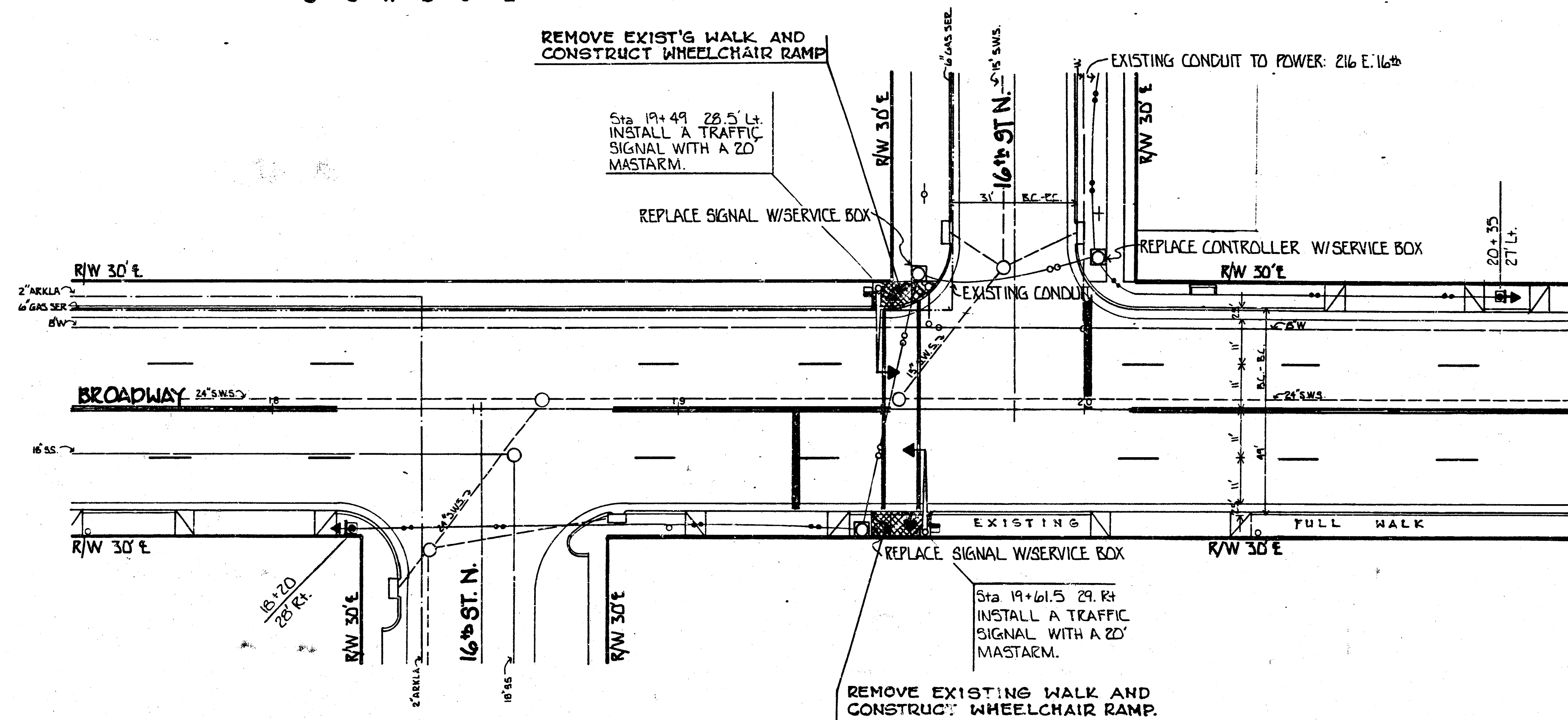
PROJECT DESCRIPTION  
MARKET between 15<sup>th</sup> & 16<sup>th</sup> STS. N.  
SCHOOL X-WALK SIGNALIZATION  
•IRVING ELEMENTARY•

PROJECT NUMBER  
472 76 355 80757 600 000 001

|                                        |             |                   |
|----------------------------------------|-------------|-------------------|
| BOOK NO.                               | APPROVED BY | DATE: AUG 8       |
| DRAWN BY JD                            |             | REVISED           |
| CITY OF WICHITA                        |             |                   |
| DEPARTMENT OF OPERATIONS & MAINTENANCE |             |                   |
| TRAFFIC ENGINEER<br>WM. G. MCINLEY     |             | SCALE<br>1" = 20' |

SCALE  
1"=30'

# IRVING ELEMENTARY SCHOOL

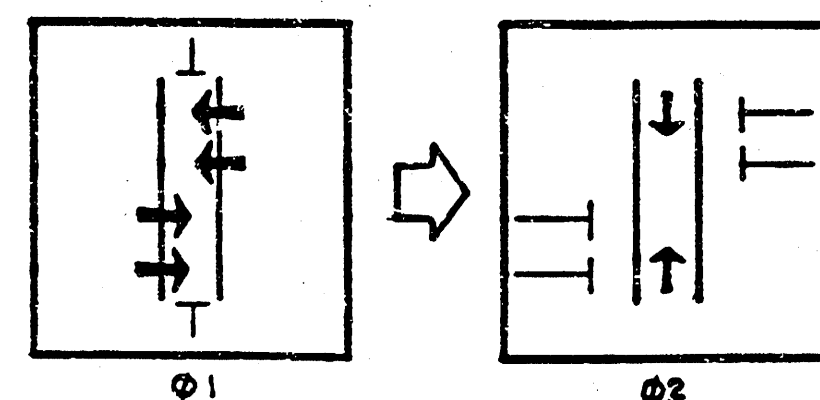


NOTE: USE CAUTION WHEN TRENCHING-  
UNDERGROUND UTILITIES MAY BE PRESENT.

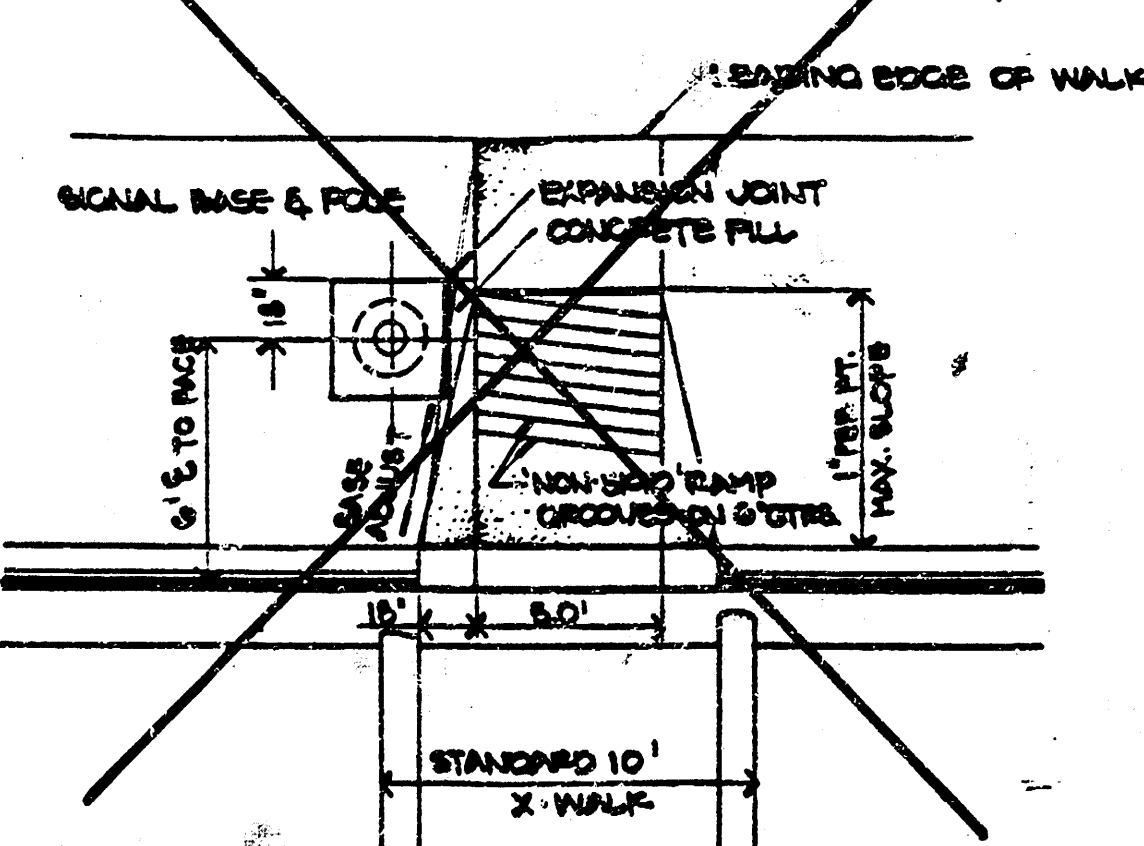
## GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDAL, SERVICE BOX, LOOP, AND/OR CONDUIT.
2. CONDUIT TO BE PULLED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC. UNLESS OTHERWISE NOTED.
3. TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.
4. STANDARD CONSTRUCTION SIGNING, AS OUTLINED IN THE BASIC MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
5. THE CONTRACTOR/IN FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANT.
6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EXCEPT AS OTHERWISE NOTED.
7. SIGNAL INSTALLATION, WHEEL CHAIR RAMP, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

## PHASE DIAGRAM

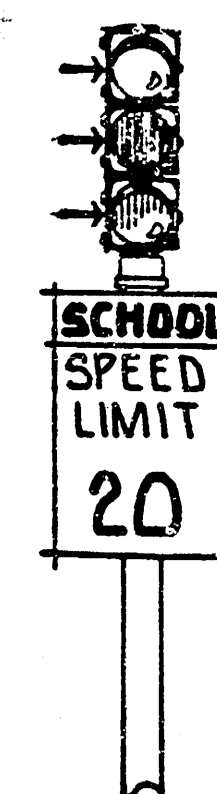


## PEDESTRIAN CROSSWALK - WHEEL CHAIR RAMP DETAIL



## STANDARD VARIABLE MESSAGE SIGN

YELLOW  
BLANK  
YELLOW



## STANDARD OVERHEAD SIGNAL

RED  
YELLOW  
GREEN

## STANDARD SIDE-OF-POLE SIGNAL

RED  
YELLOW  
GREEN

## STANDARD PEDESTRIAN INDICATION

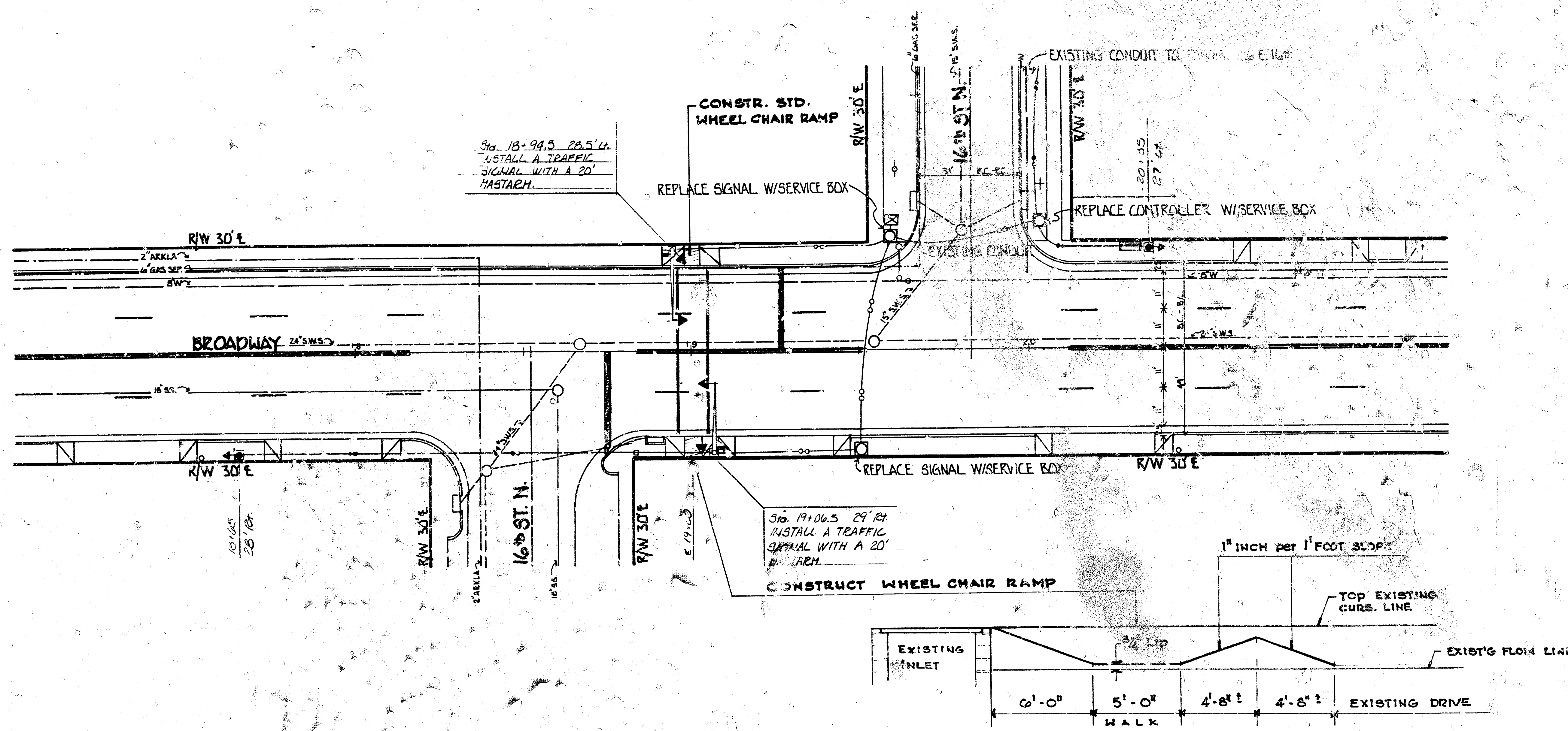
RED  
YELLOW  
GREEN

## LEGEND:

- SIGNAL INSTALLATION (MSP, POLE, MASTARM)
- TRAFFIC SIGNAL
- PEDESTRIAN INDICATION
- V.H.S. INSTALLATION
- SERVICE BOX
- CONTROLLER - PEDAL MOUNT
- 3/4" CONDUIT
- 1 1/4" CONDUIT
- 2.0" CONDUIT

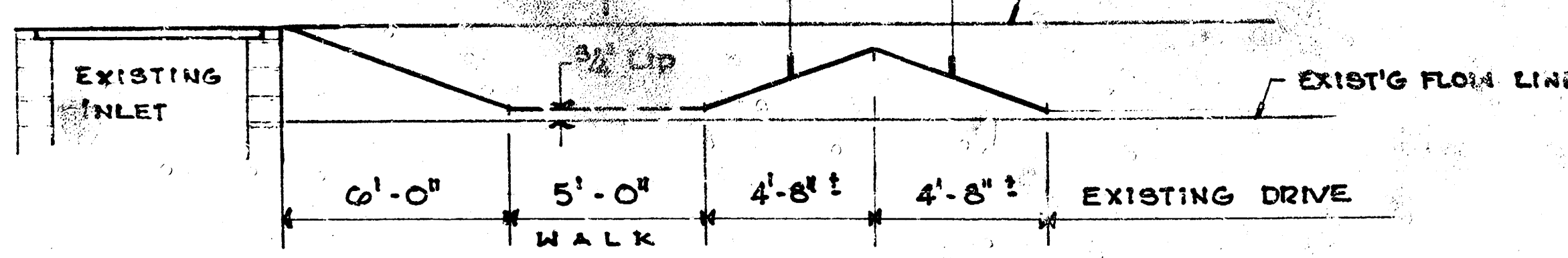


|                                                  |             |                 |
|--------------------------------------------------|-------------|-----------------|
| PROJECT DESCRIPTION                              |             |                 |
| BROADWAY between 15th & 16th STS. N.             |             |                 |
| SCHOOL X-WALK SIGNALIZATION<br>IRVING ELEMENTARY |             |                 |
| PROJECT NUMBER                                   |             |                 |
| 472 76 353 80757 000 000 000                     |             |                 |
| BOOK NO.                                         | APPROVED BY | DATE AUG '85    |
| DRAWN BY JD                                      |             | REVISED         |
| CITY OF WICHITA                                  |             |                 |
| DEPARTMENT OF OPERATIONS & MAINTENANCE           |             |                 |
| TRAFFIC ENGINEER<br>W.M. G. MCKINLEY             |             | SCALE<br>1"=20' |

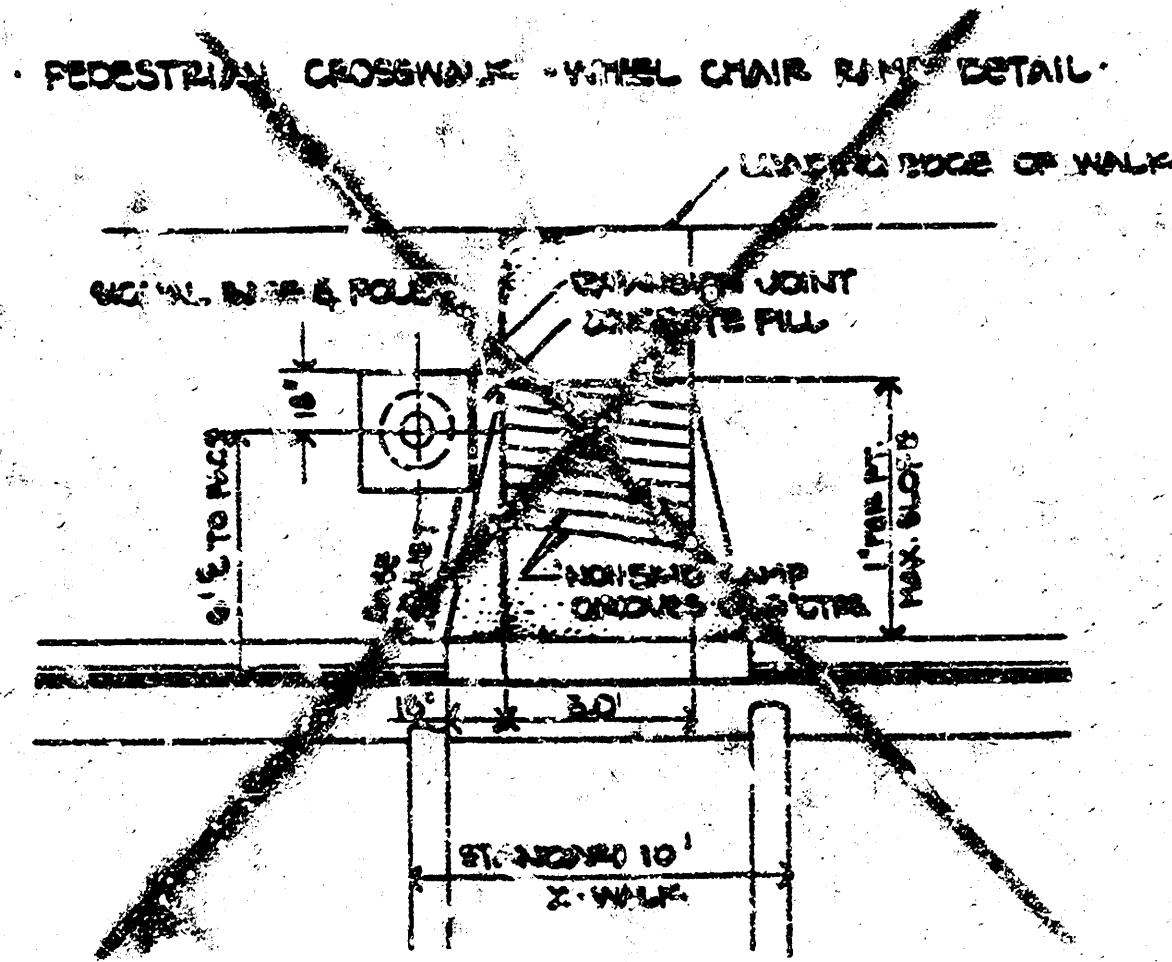
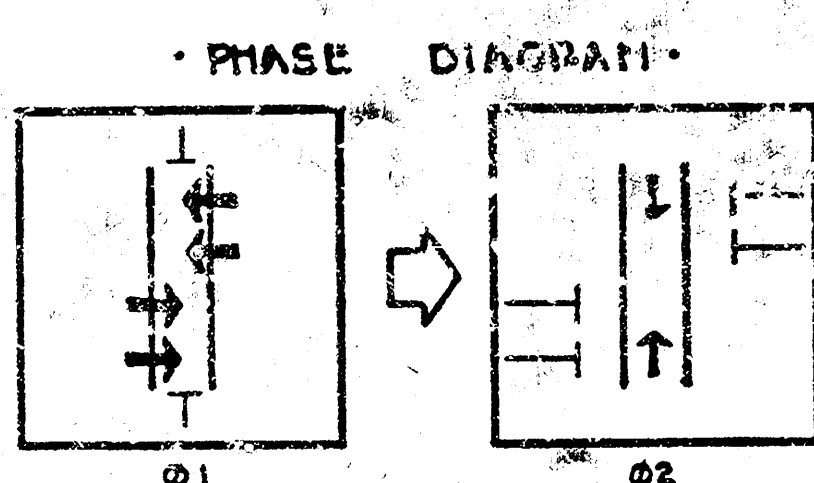


NOTE: USE CAUTION WHEN TRENCHING-  
UNDERGROUND UTILITIES MAY BE PRESENT.

-SECTION- THRU COMBINED CURB & GUTTER  
EAST SIDE BROADWAY

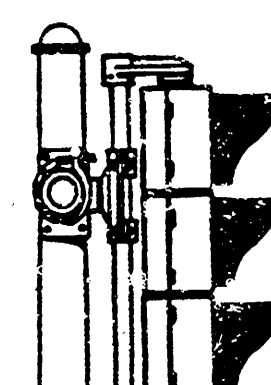
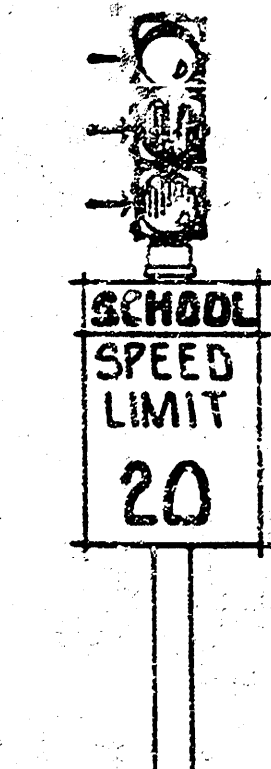


- GENERAL NOTES:**
1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDAL, SERVICE BOX, AND/OR CONDUIT.
  2. CONDUIT TO BE RUNNED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC. UNLESS OTHERWISE NOTED.
  3. TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.
  4. STANDARD CONSTRUCTION SIGNING, AS OUTLINED IN THE BARICADE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
  5. THE CONTRACTOR OR FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANT.
  6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PERCENT AS OTHERWISE NOTED.
  7. SIGNAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA SPECIFICATIONS AND STANDARDS.



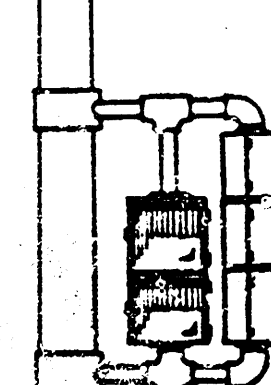
STANDARD VARIABLE MESSAGE SIGN  
6' LENSES

YELLOW  
BLANK  
YELLOW



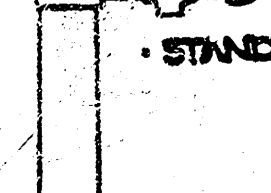
STANDARD OVERHEAD SIGNAL  
2' LENSES

RED  
YELLOW  
GREEN



STANDARD SIDE-OF-POLE SIGNAL  
3' LENSES

RED  
YELLOW  
GREEN



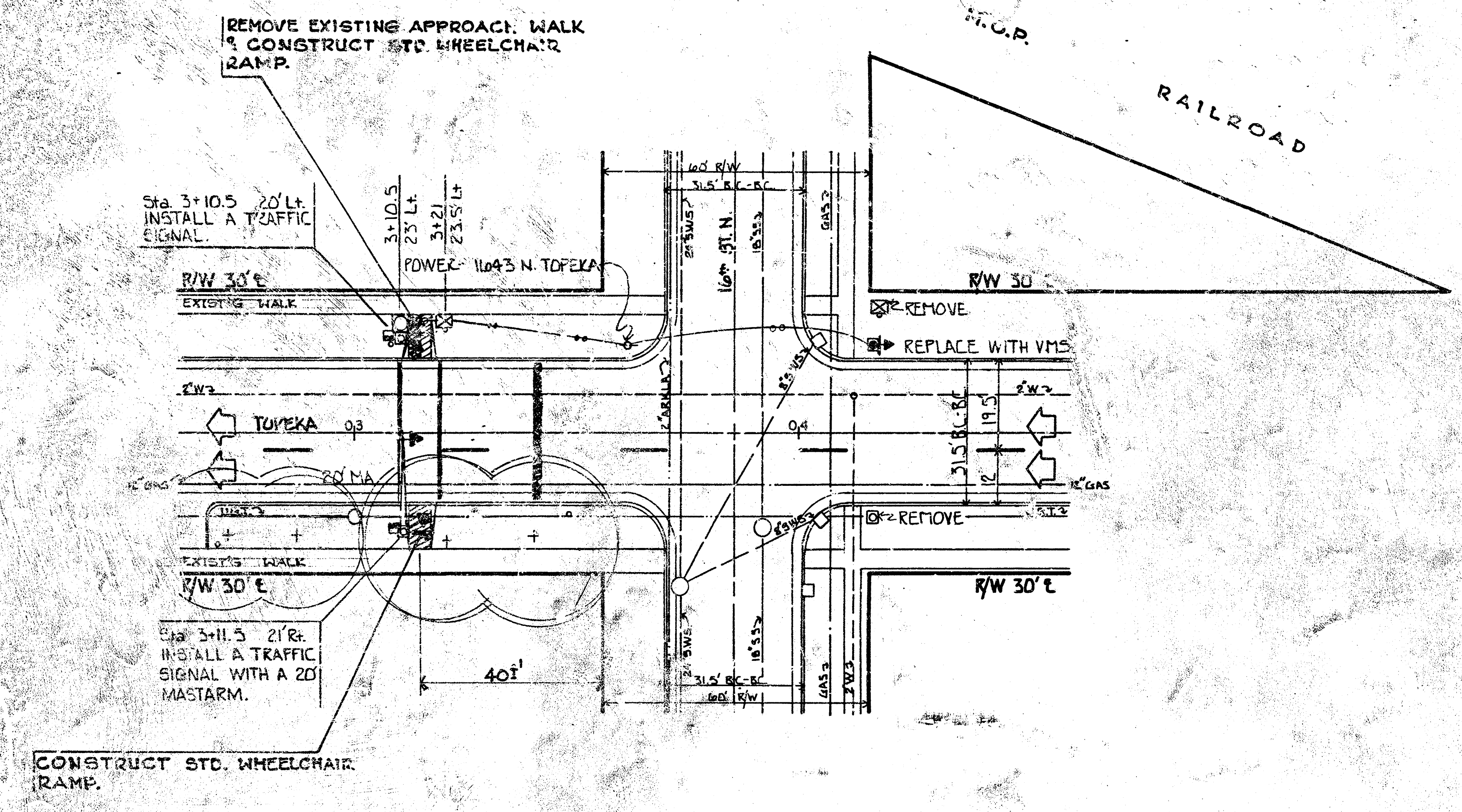
STANDARD PEDESTRIAN INDICATION  
3' FACES

LEGEND:

- ① SIGNAL INSTALLATION (MGR. POLE, MASTARM)
- ② TRAFFIC SIGNAL
- ③ PEDESTRIAN INDICATION
- ④ V.M.S. INSTALLATION
- ⑤ SERVICE BOX
- ⑥ CONTROLLER - PEDestal MOUNT
- 3/4" CONDUIT
- 1 1/4" CONDUIT
- 2.0" CONDUIT

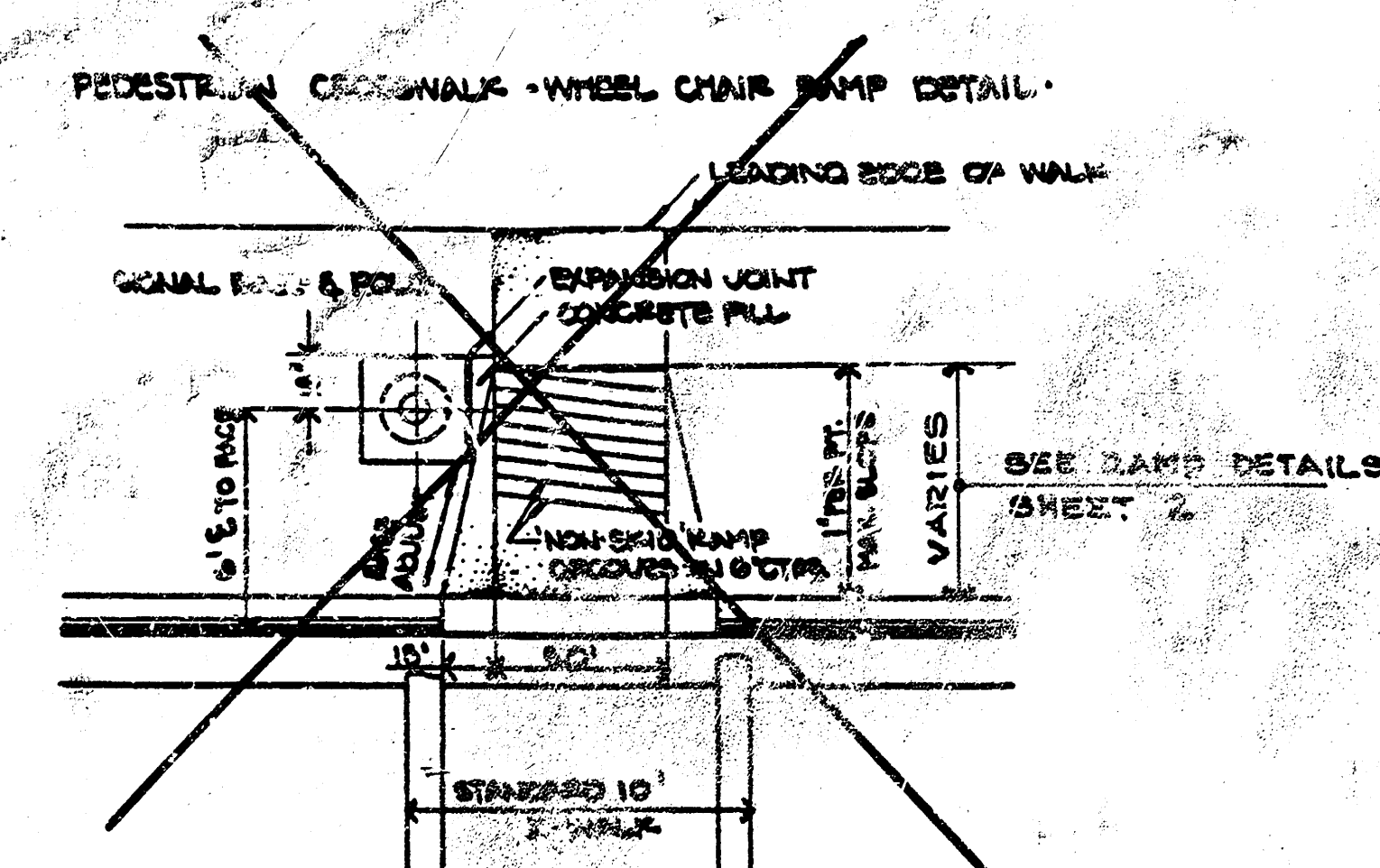
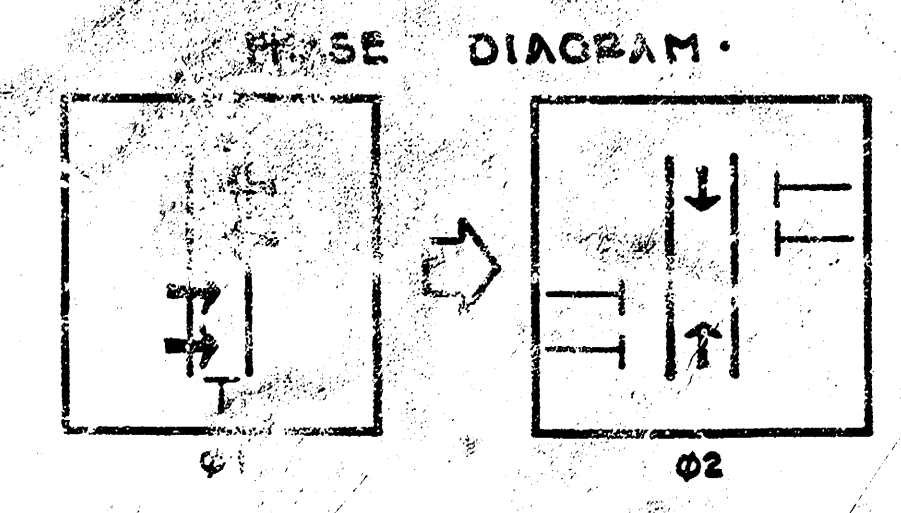
REVISED APRIL 2, 1987

|                                        |             |              |
|----------------------------------------|-------------|--------------|
| PROJECT DESCRIPTION                    |             |              |
| BROADWAY between 15th & 16th Sts. N.   |             |              |
| SCHOOL X-WALK SIGNALIZATION            |             |              |
| IRVING ELEMENTARY                      |             |              |
| PROJECT NUMBER                         |             |              |
| 472 76 353 80757 000 000 001           |             |              |
| BOOK NO.                               | APPROVED BY | DATE AUG '85 |
| DRAWN BY JD                            | REVIEWED    |              |
| CITY OF WICHITA                        |             |              |
| DEPARTMENT OF OPERATIONS & MAINTENANCE |             |              |
| TRAFFIC ENGINEER                       |             | SCALE 1"=20' |
| WM. G. MCKINLEY                        |             |              |

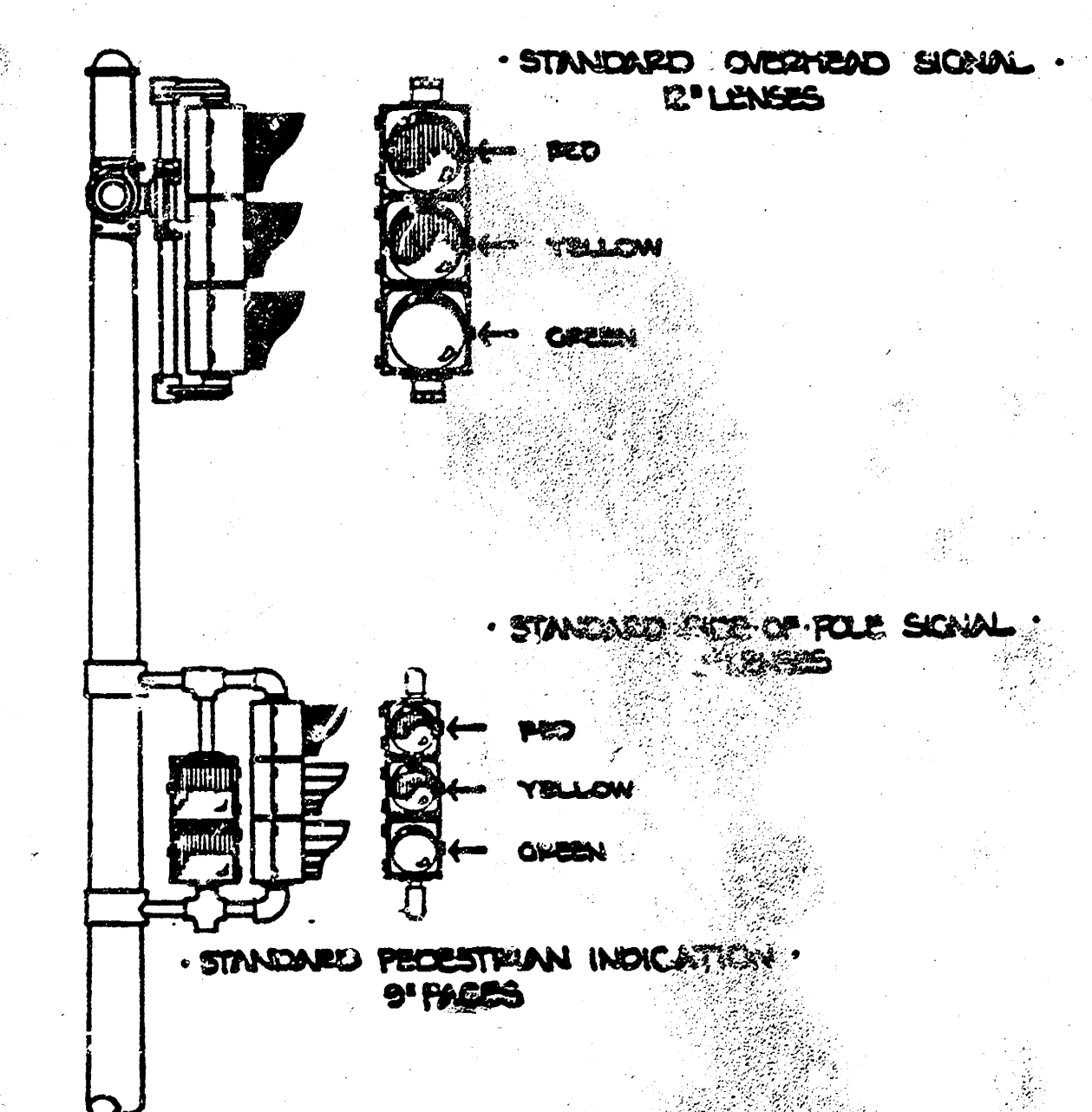
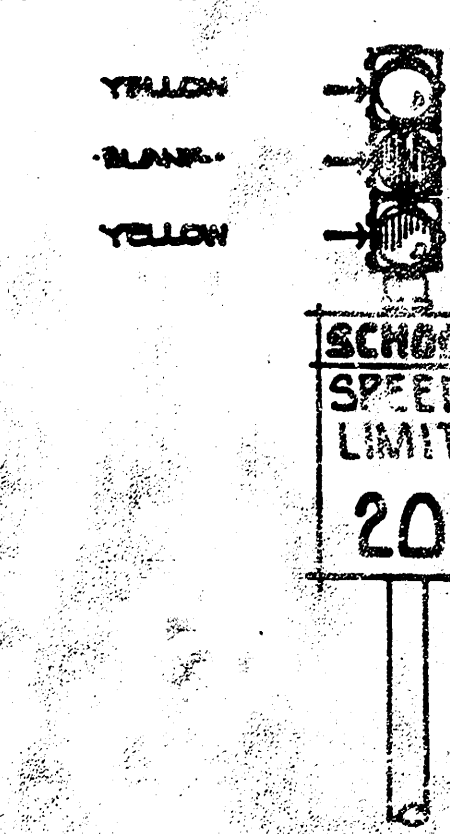


NOTE: USE CAUTION WHEN TRENCHING -  
UNDERGROUND UTILITIES MAY BE PRESENT.

- GENERAL NOTES:**
1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPT. OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, AND/OR CONDUIT.
  2. CONDUIT TO BE PUSHED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC., UNLESS OTHERWISE NOTED.
  3. TRAFFIC TO BE CHANGED THROUGH CONSTRUCTION.
  4. STANDARD CONSTRUCTION SIGNING, AS OUTLINED IN THE STANDARD MANUAL OF THE CITY OF WICHITA, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
  5. THE CONTRACTOR OR FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANT.
  6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, (EXCEPT AS OTHERWISE NOTED).
  7. SIGNAL INSTALLATION, WHEEL CHAIR RAMP, WALK SECTION, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.



STANDARD VARIABLE MESSAGE SIGN - 12" LENSES



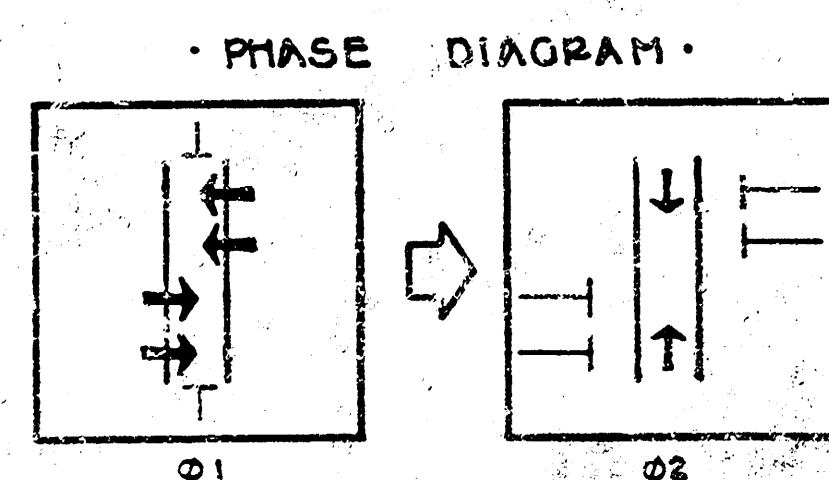
- LEGEND:**
- ① SIGNAL INSTALLATION (BASE, POLE, MOUNTING)
  - ⬆ TRAFFIC SIGNAL
  - ⬆ PEDESTRIAN INDICATION
  - ⬆ V.M.S. INSTALLATION
  - Ⓛ SERVICE BOX
  - Ⓛ CONTROLLER - PEDESTAL MOUNT
  - 3/4" CONDUIT
  - 1 1/4" CONDUIT
  - 2.0" CONDUIT



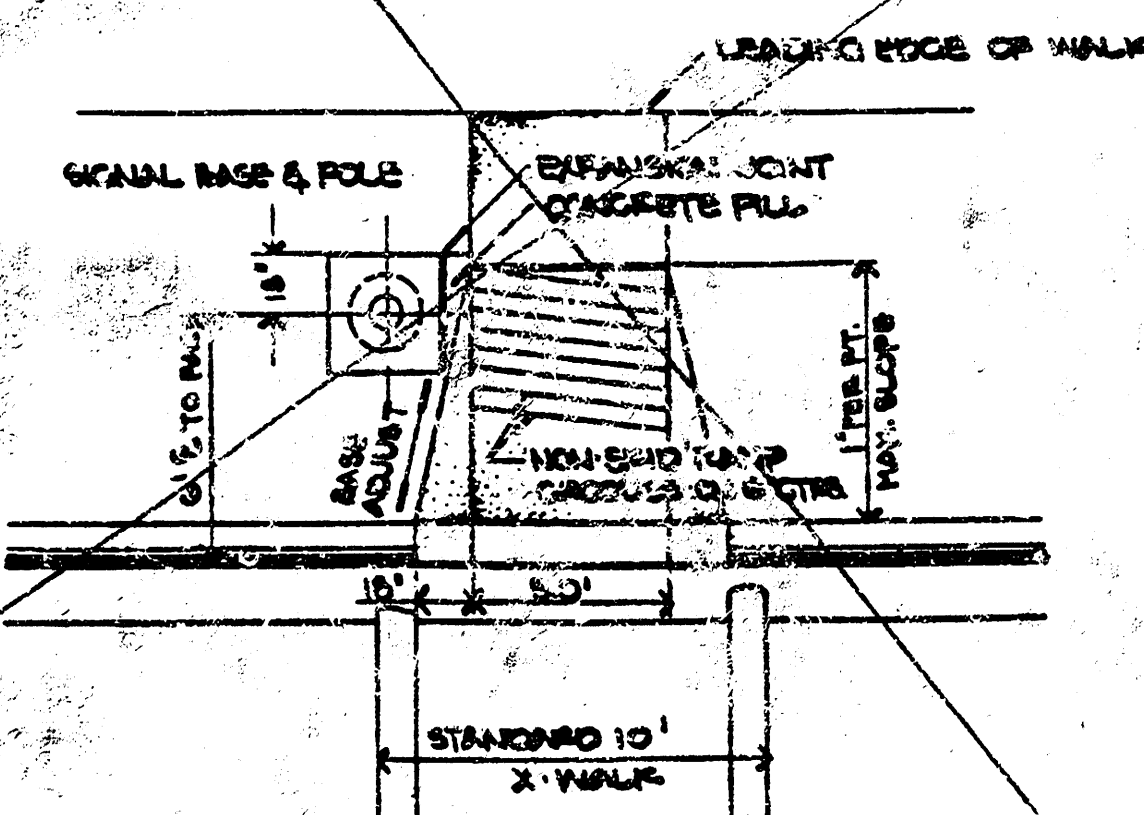
|                                        |             |              |
|----------------------------------------|-------------|--------------|
| SIGNALS                                |             |              |
| PROJECT DESCRIPTION                    |             |              |
| TOPEKA between 15th & 16th STS N.      |             |              |
| SCHOOL X-WALK SIGNALIZATION            |             |              |
| - IRVING ELEMENTARY -                  |             |              |
| PROJECT NUMBER                         |             |              |
| 712 76 355 80151 000 000 001           |             |              |
| BOOK NO.                               | APPROVED BY | DATE 5/16/05 |
| DRAWN BY JD                            |             | REVISED      |
| CITY OF WICHITA                        |             |              |
| DEPARTMENT OF OPERATIONS & MAINTENANCE |             |              |
| TRAFFIC ENGINEER                       | SCALE       |              |
| WM. G. ASHLEY                          | 1" = 20'    |              |

~~GENERAL NOTES:~~

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL, CONTROLLER, SIGNAL SERVICE WIRING, AND/OR CURB.
2. CONCUR TO BE PAVED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SLOWDOWN, DRIVE APPROACHES, ETC., UNLESS OTHERWISE NOTED.
3. TRAFFIC TO BE CARRIED THROUGHOUT CONSTRUCTION.
4. STANDARD CONSTRUCTION SIGNING IS OBTAINED IN THE PERMITS DIVISION OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION ON THIS PROJECT.
5. THE CONTRACTOR / FIELD ENGINEER SHALL CONTACT ALL UTILITY COMPANIES WHICH MIGHT BE AFFECTED BY THE INSTALLATION OF THE TRAFFIC SIGNALIZATION PRIOR TO ANY UNDERGROUND INSTALLATION, AND REQUEST THEIR ASSISTANCE IN LOCATING UNDERGROUND PLANTS.
6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EXCEPT AS OTHERWISE NOTED.
7. SIGNAL INSTALLATION WORK SHALL BE COMPLETED PRIOR TO BEING INSTALLED AS PER ENGINEERING SPECIFICATIONS.

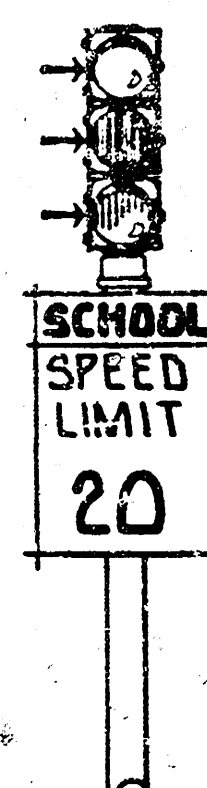


PEDESTRIAN CROSSWALK - WHEEL CHAIR RAMP DETAIL

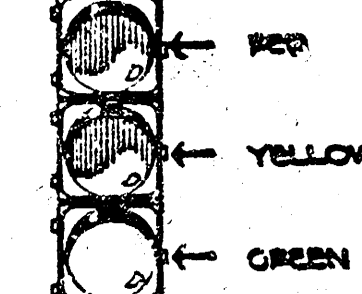


STANDARD VARIABLE MESSAGE SIGN-  
8" LENSES

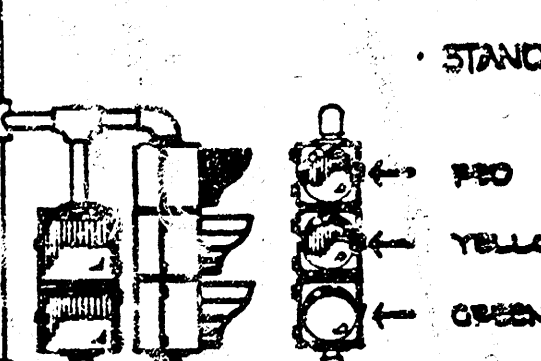
YELLOW  
BLANK  
YELLOW



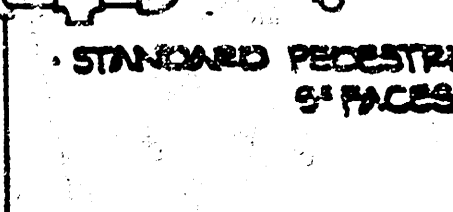
STANDARD OVERHEAD SIGNAL  
12" LENSES



• STANDARD SIDE-OF-FOLE SIGNAL  
6" LENSES



STRAIN INDICATION  
ACES



LEGEND:

-  SIGNAL INSTALLATION (BASE, POLE, MUSTANG)  
 TRAFFIC SIGNAL  
 PEDESTRIAN INDICATION  
 V.M.S. INSTALLATION  
 SERVICE BOX  
 CONTROLLER - PEDESTAL MOUNT  
  
 3/4" CONDUIT  
 1 1/4" CONDUIT  
 2.0" CONDUIT  
  
 SIDEWALK REMOVED  
 SIDEWALK REPLACED



## SIDEWALKS

PROJECT DESCRIPTION  
**TOPEKA & 16th St. N.**  
SCHOOL X-WALK SIGNALIZATION  
•IRVING ELEMENTARY•

PROJECT NUMBER  
472 76 355 80757 000 000 001

|                                        |             |                   |
|----------------------------------------|-------------|-------------------|
| BOOK NO.                               | APPROVED BY | DATE AUG '85      |
| DRAWN BY JD                            |             | REVISED MAY '85   |
| CITY OF WICHITA                        |             |                   |
| DEPARTMENT OF OPERATIONS & MAINTENANCE |             |                   |
| TRAFFIC ENGINEER<br>WM. G. MCKINLEY    |             | SCALE<br>1" = 20' |