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

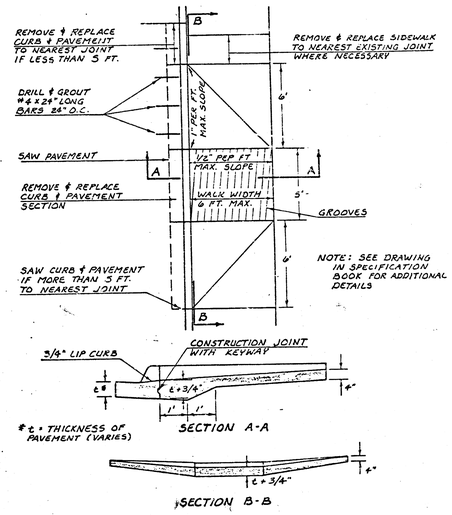
CITY OF — WICHITA, KANSAS

MICHAEL E. LINDEBAK LICENSED #6276 KANSAS PROFESSIONAL ENGINEER

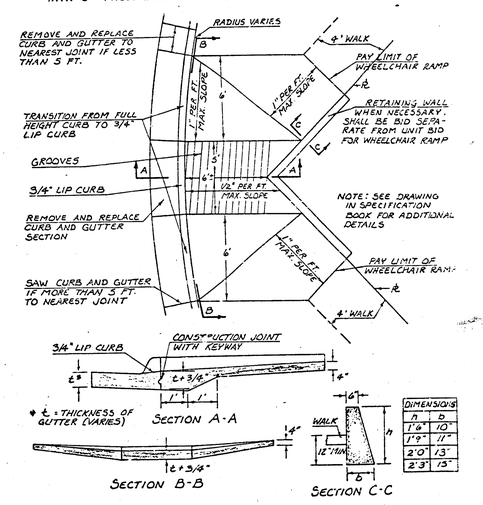
◦ INDEX OF SHEETS ◦

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. WACO AVE
7.	PARK PLACE
8.	MARKET STREET
9.	BROADWAY AVE
10.	TOPEKA AVE
9A-	REVISED SHEET 9
10A-	REVISED SHEET 10

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



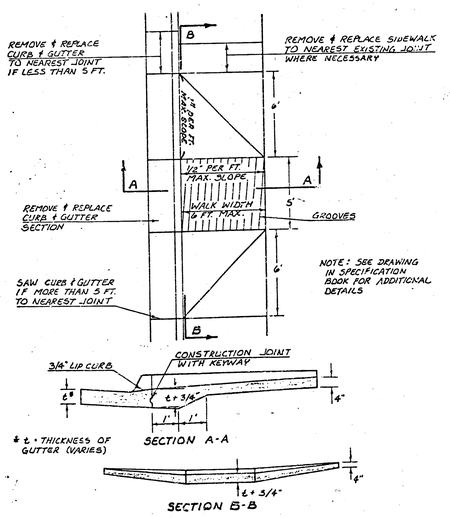
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREET WITH COMBINED CURB AND GUTTER ON RADIUS WITH 6'± FROM BACK OF CURB TO PROPERTY CORNER



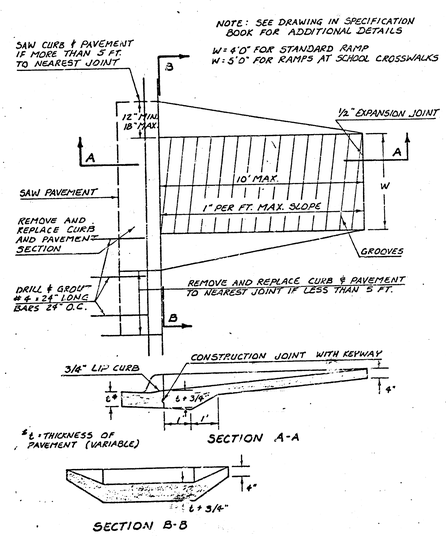
• N O T E •

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.

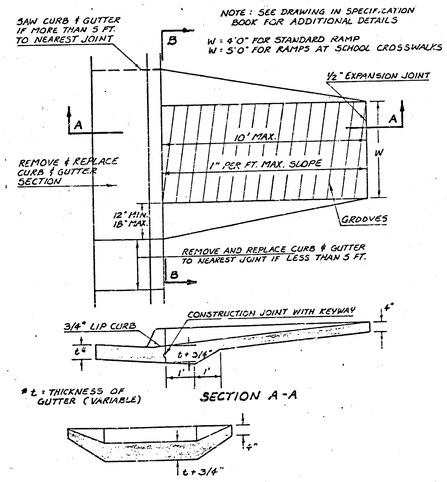
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER AND FULL WALK



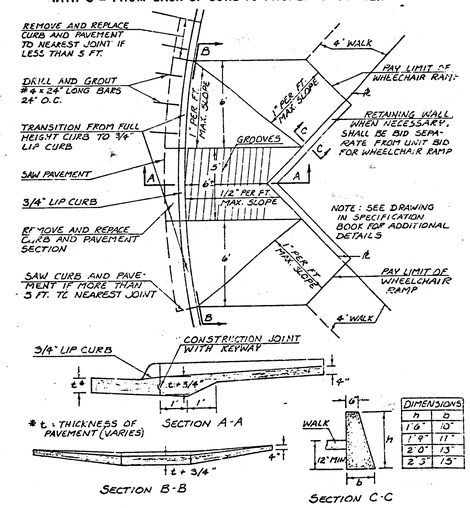
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB



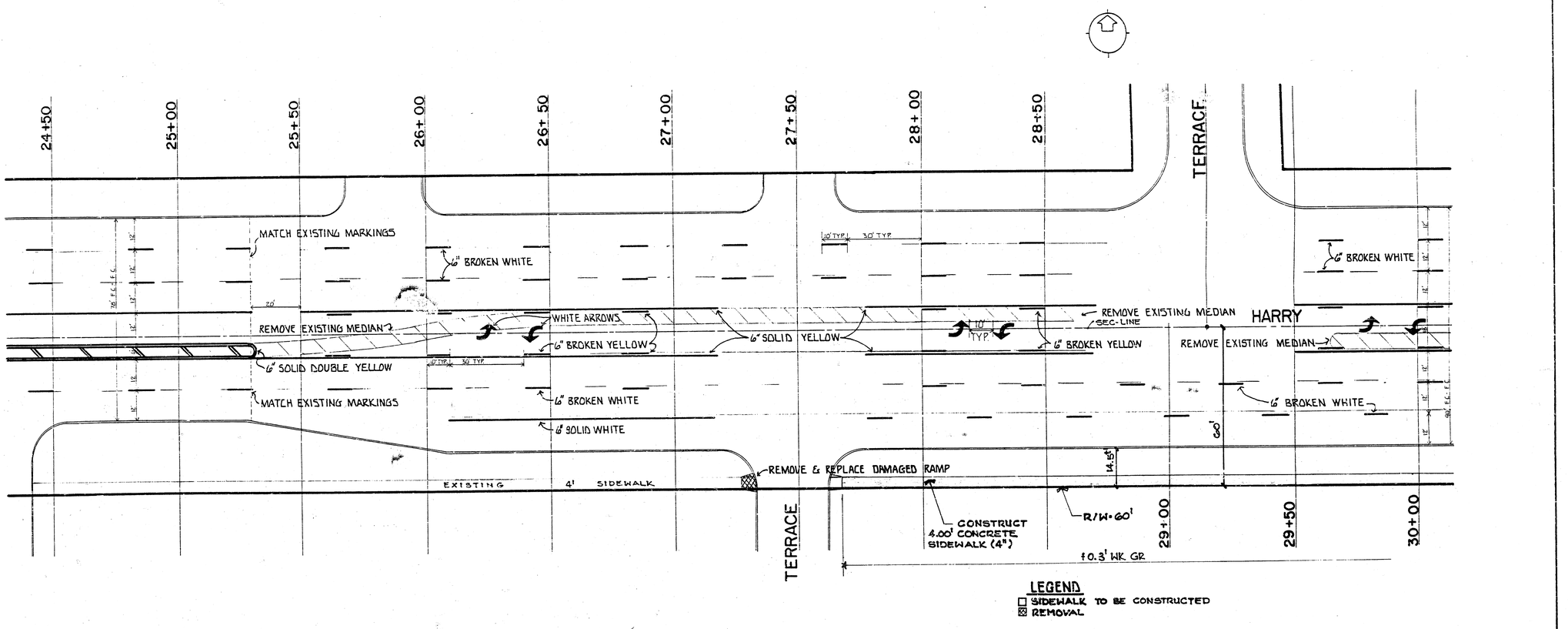
STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR STREETS WITH COMBINED CURB & GUTTER



STANDARD WHEELCHAIR RAMP CONSTRUCTION DETAIL FOR CONCRETE STREETS WITH MONOLITHIC CURB ON RADIUS WITH 6'± FROM BACK OF CURB TO PROPERTY CORNER



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

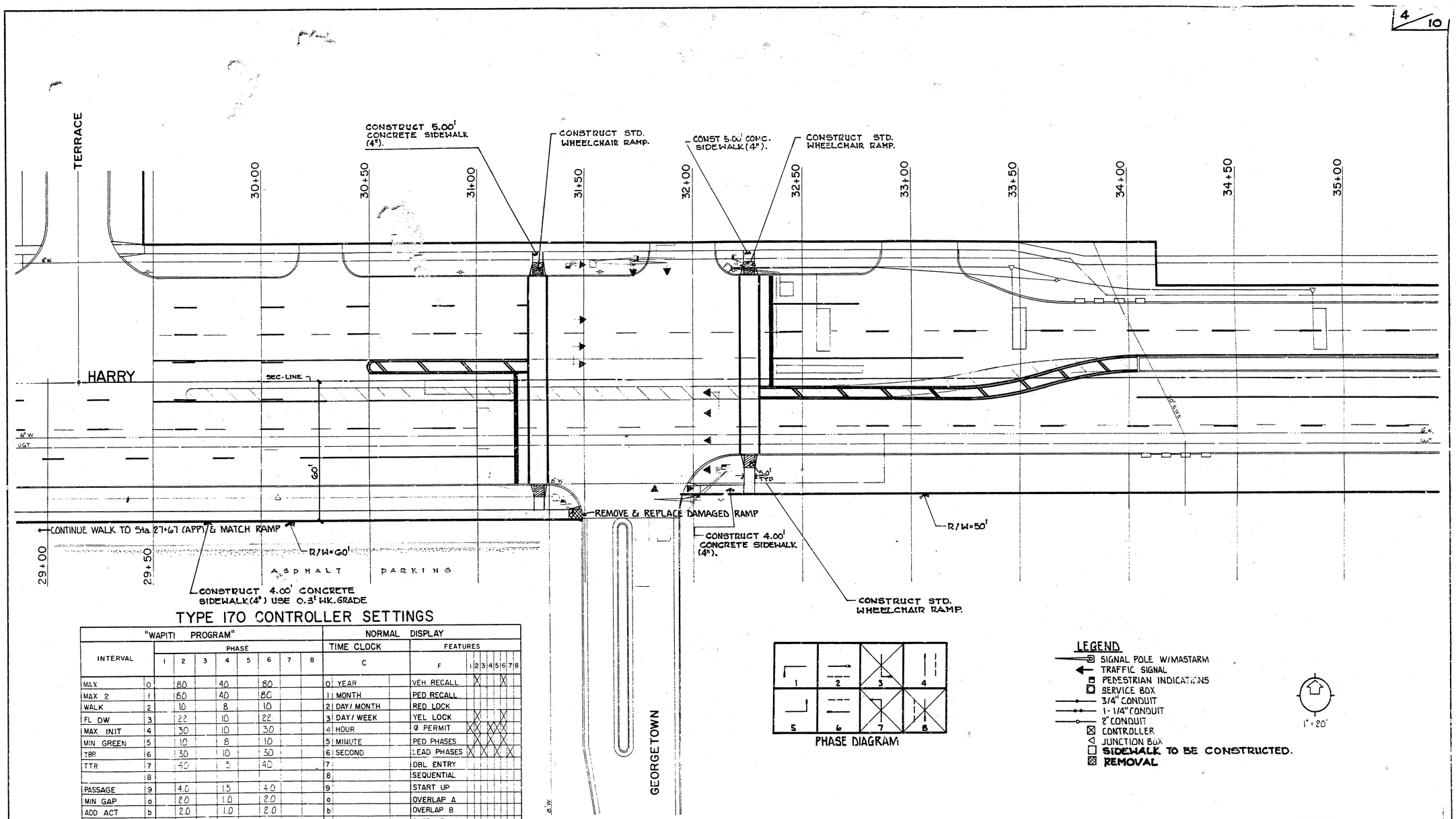
472-76-355-80762-000-000-001

BOOK NO.	APPROVED BY	DATE MAR '96
DRAWN BY JD		REVISED

CITY OF WICHITA

DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER WM. G. McKINLEY	SCALE 1" = 20'



TYPE 170 CONTROLLER SETTINGS

"WAPITI PROGRAM"		PHASE								NORMAL DISPLAY		FEATURES							
INTERVAL		1	2	3	4	5	6	7	8	TIME CLOCK C		F	1	2	3	4	5	6	7	8
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	X						X	
MAX INIT	4		30		10		30			4	HOUR	@ PERMIT	X	X		X	X	X	X	
MIN GREEN	5		10		8		10			5	MINUTE	PED PHASES								
TBR	6		30		10		30			6	SECOND	LEAD PHASES	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	

PHASE DIAGRAM

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

1" = 20'

SIDEWALK

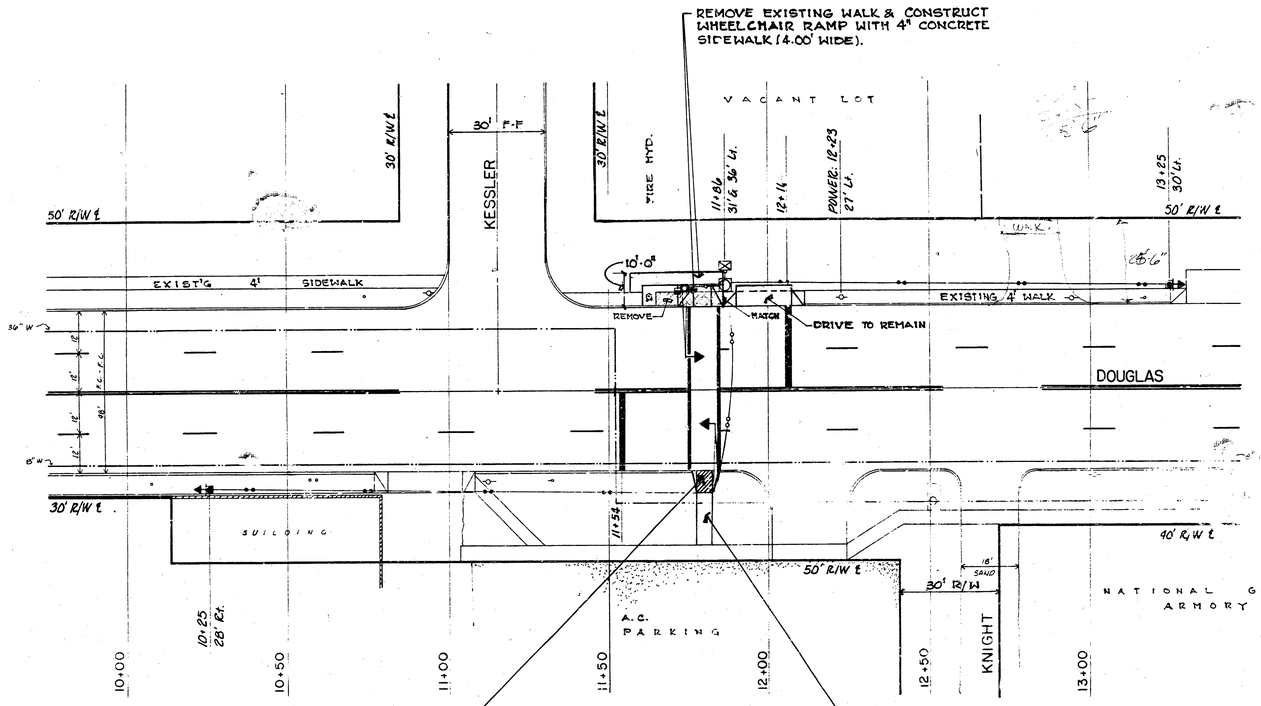
PROJECT DESCRIPTION
HARRY & GEORGETOWN
~~TRAFFIC SIGNALIZATION PLAN~~

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

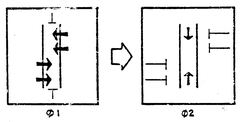
TRAFFIC ENGINEER	SCALE
WM. G. McKINLEY	1" = 20'



GENERAL NOTES:

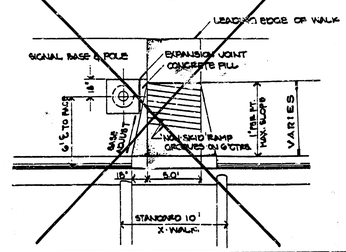
1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO EXCAVATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, LOOPS, AND/OR CONDUIT.
2. CONDUIT TO BE PUSHED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC. UNLESS OTHERWISE NOTED.
3. TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.
4. STANDARD CONSTRUCTION SIGNING AS OUTLINED IN THE 1985 SCADE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED THROUGH OUT 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 RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

· PHASE DIAGRAM ·

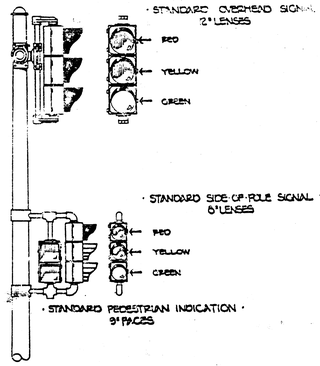


· STANDARD VARIABLE MESSAGE SIGN · 8" LENSES

· PEDESTRIAN CROSSWALK · WHEEL CHAIR RAMP DETAIL ·



· STANDARD OVERHEAD SIGNAL · 12" LENSES



· STANDARD SIDE-OF-POLE SIGNAL · 8" LENSES

· STANDARD PEDESTRIAN INDICATION · 9" 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

SCALE: 1"=20'

PROJECT DESCRIPTION

DOUGLAS bet. KESSLER and KNIGHT

SCHOOL X-WALK SIGNALIZATION

∘ LAWRENCE ELEMENTARY ∘

PROJECT NUMBER

472 76 355 80756000 000 001

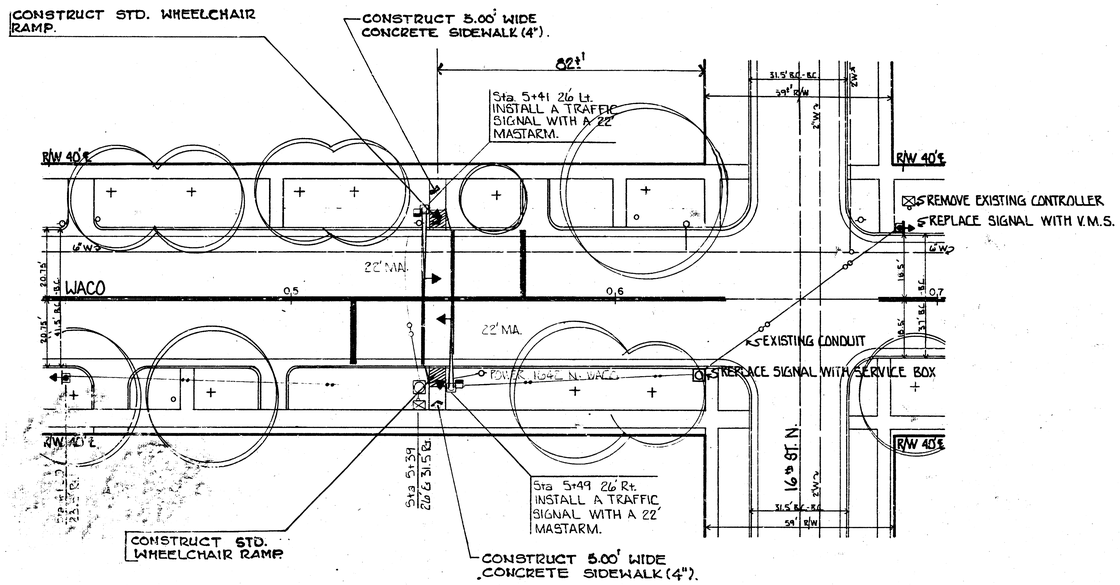
BOOK NO.	APPROVED BY	DATE OCT. '86
DRAWN BY JD		REVISED

CITY OF WICHITA

DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER
WM. G. McKINLEY

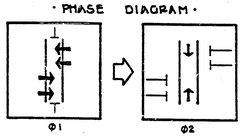
SCALE
1"=20'



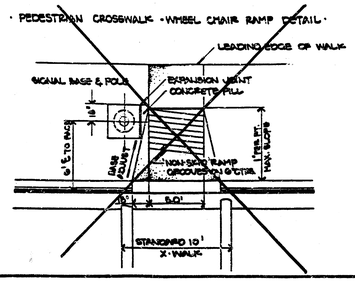
GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO EXCAVATION OF ANY SIGNAL POLE, CONTROLLER, P. MODUL, SERVICE BOX, LOOPS, AND/OR CONDUIT.
2. CONDUIT TO BE PUSHED OR LINCHED 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 BARRICADE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGH OUT 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 RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

· PHASE DIAGRAM ·



· PEDESTRIAN CROSSWALK · WHEEL CHAIR RAMP DETAIL ·



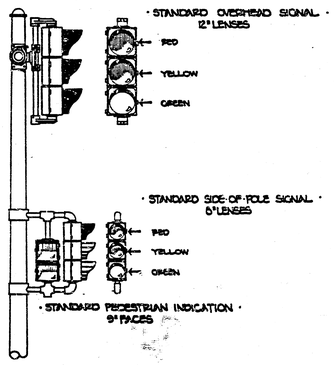
NOTE: USE CAUTION WHEN TRENCHING-
UNDERGROUND UTILITIES MAY BE PRESENT.

· STANDARD VARIABLE MESSAGE SIGN ·
8" LENSES

· STANDARD OVERHEAD SIGNAL ·
12" LENSES

· STANDARD SIDE-OF-POLE SIGNAL ·
8" LENSES

· STANDARD PEDESTRIAN INDICATION ·
8" FACES



SCALE: 1"=20'

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

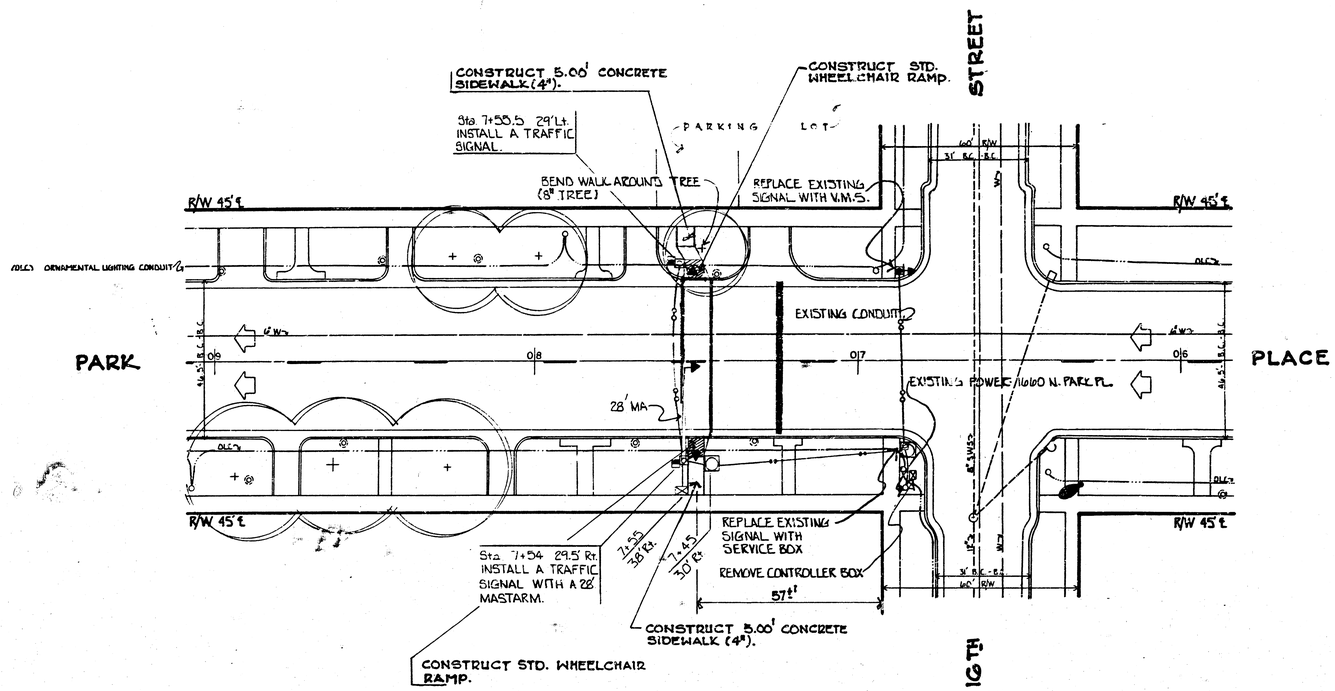
SIGNATURE

PROJECT DESCRIPTION
WACO 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 AUG '85
DRAWN BY JD		REVISED

CITY OF WICHITA
DEPARTMENT OF OPERATIONS & MAINTENANCE
TRAFFIC ENGINEER
WM. G. MEKINLEY
SCALE 1"=20'

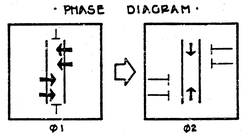


NOTE: USE CAUTION WHEN TRENCHING- UNDERGROUND UTILITIES MAY BE PRESENT.

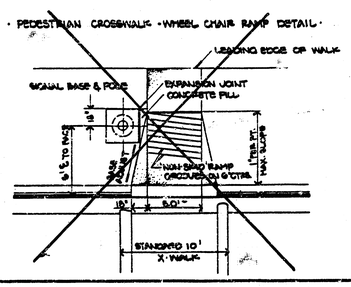
GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING SECTION, DEPARTMENT OF ENGINEERING, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, 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 BARRICADE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGH OUT 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 RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS OF THE DESIGN AND TRAFFIC SECTIONS OF THE ENGINEERING DEPARTMENT, C. OF W. (REFER TO CONTRACT SPEC. SHTS. FOR CLARIFICATION.)

· PHASE DIAGRAM ·



· PEDESTRIAN CROSSWALK · WHEEL CHAIR RAMP DETAIL ·

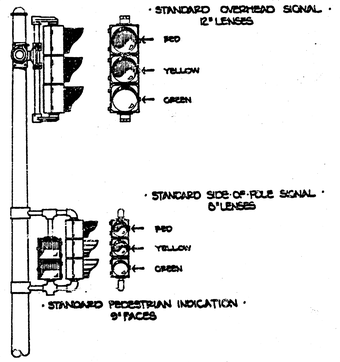


· STANDARD VARIABLE MESSAGE SIGN · 8" LENSES

· STANDARD OVERHEAD SIGNAL · 12" LENSES

· STANDARD SIDE-OF-POLE SIGNAL · 8" LENSES

· STANDARD PEDESTRIAN INDICATION · 8" FACES



SCALE: 1"=20'

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

SIGNALS

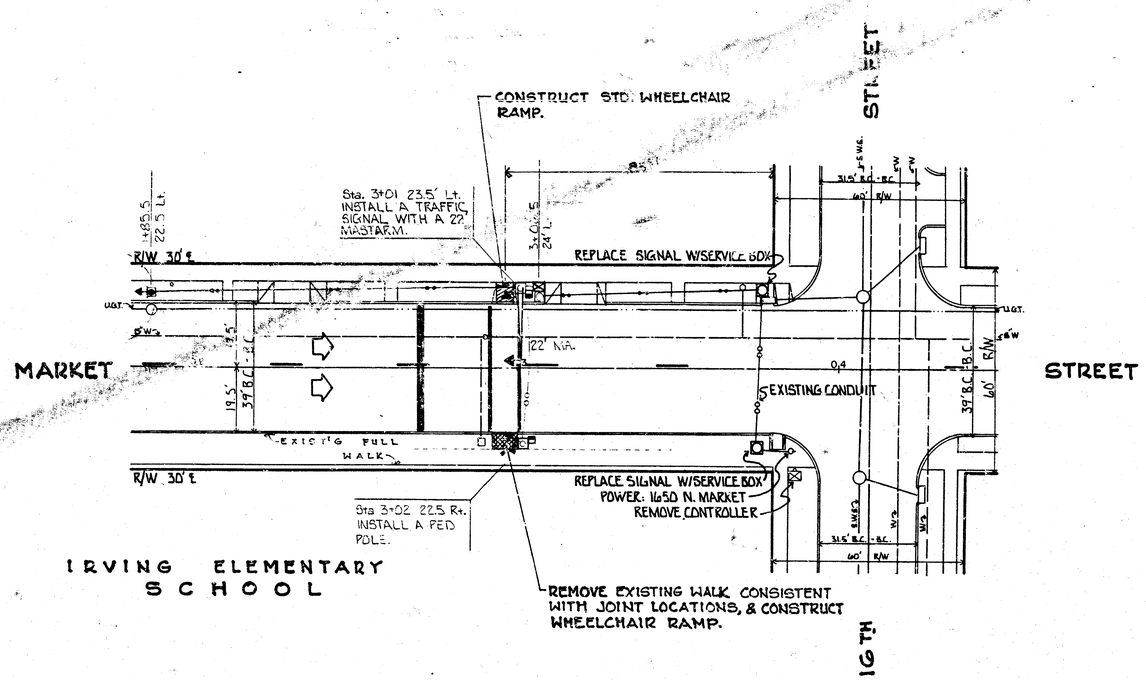
PROJECT DESCRIPTION
PARK PLACE between 15th & 16th STS N.
SCHOOL X-WALK SIGNALIZATION
·IRVING ELEMENTARY·

PROJECT NUMBER
472 76 355 80757 000 000 001

BOOK NO.	APPROVED BY	DATE JUL '85
DRAWN BY JD		REVISED

CITY OF WICHITA
DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER	SCALE
WM. G. McKINLEY	1"=20'



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, PEDESTAL, SERVICE BOX, LOOPS, AND/OR CONDUIT.
2. CONDUIT TO BE PLACED OR JACKED UNDER EXISTING PAVEMENT INCLUDING SIDEWALK, DRIVE APPROACHES, ETC. UNLESS OTHERWISE NOTED.
3. TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.
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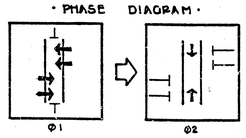
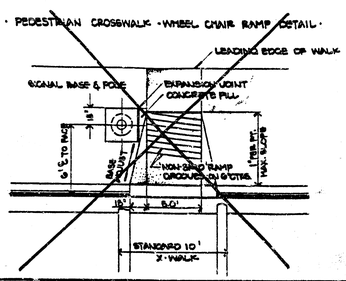
6. THE CITY OF WICHITA SHALL REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT. (EXCEPT AS OTHERWISE NOTED)
7. SIGNAL INSTALLATION, WHEEL CHAIR RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

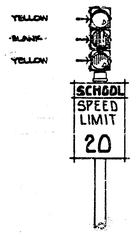
· PHASE DIAGRAM ·



· PEDESTRIAN CROSSWALK - WHEEL CHAIR RAMP DETAIL ·



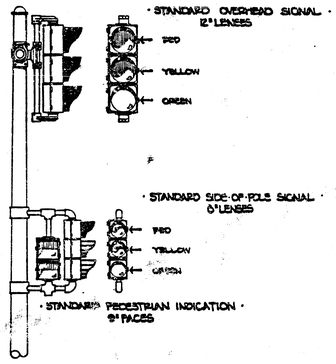
· STANDARD VARIABLE MESSAGE SIGN · 8" LENSES



· STANDARD OVERHEAD SIGNAL · 12" LENSES

· STANDARD SIDE-OF-POLE SIGNAL · 8" LENSES

· STANDARD PEDESTRIAN INDICATION · 8" FACES



SCALE: 1"=20'

LEGEND:

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

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

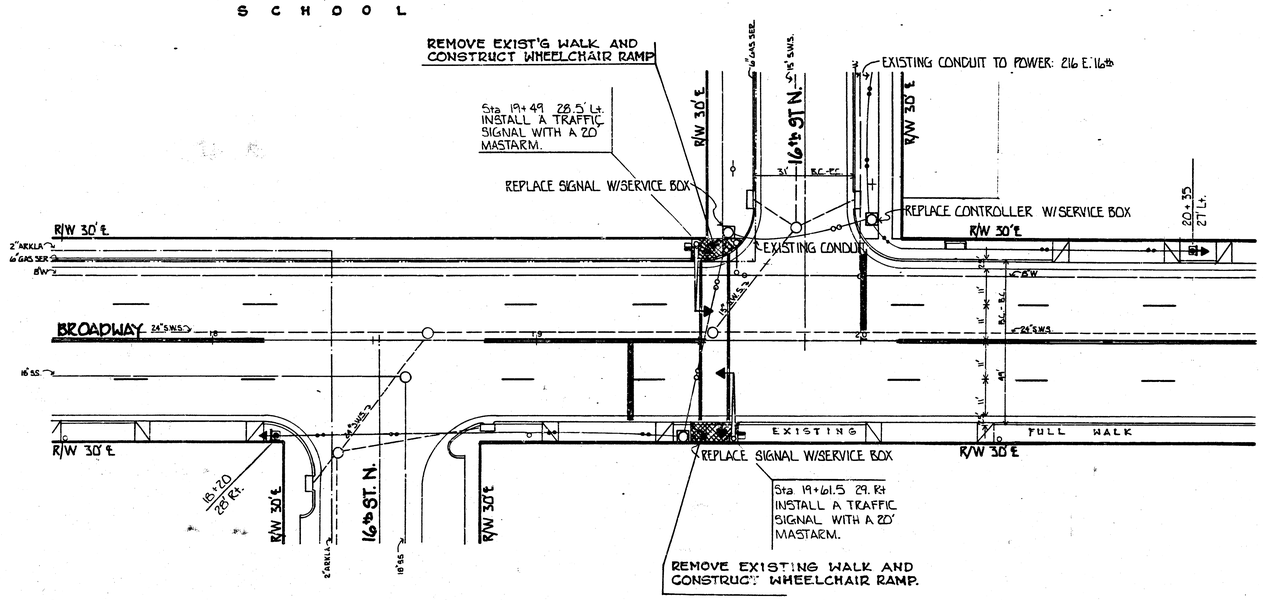
PROJECT NUMBER
472 76 353 80757 000 000 001

BOOK NO.	APPROVED BY	DATE AUG '85
DRAWN BY JD		REVISED

CITY OF WICHITA
DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER	SCALE
WM. G. MCKINLEY	1"=20'

IRVING ELEMENTARY
SCHOOL

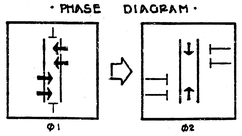


NOTE: USE CAUTION WHEN TRENCHING- UNDERGROUND UTILITIES MAY BE PRESENT.

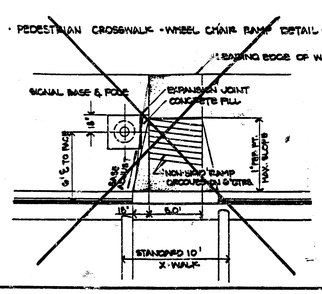
GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, 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 BARRICADE 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. (EXCEPT AS OTHERWISE NOTED).
7. SIGNAL INSTALLATION, WHEEL CHAIR RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

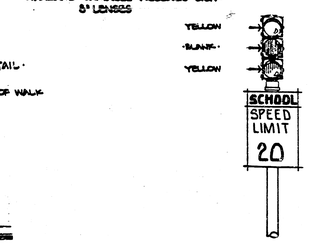
· PHASE DIAGRAM ·



· PEDESTRIAN CROSSWALK - WHEEL CHAIR RAMP DETAIL ·



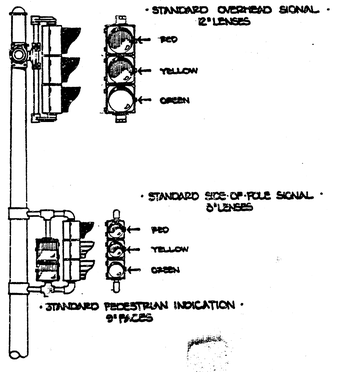
· STANDARD VARIABLE MESSAGE SIGN · 8" LENSES



· STANDARD OVERHEAD SIGNAL · 12" LENSES

· STANDARD SIDE-OF-POLE SIGNAL · 8" LENSES

· STANDARD PEDESTRIAN INDICATION · 9" 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

SCALE: 1"=20'

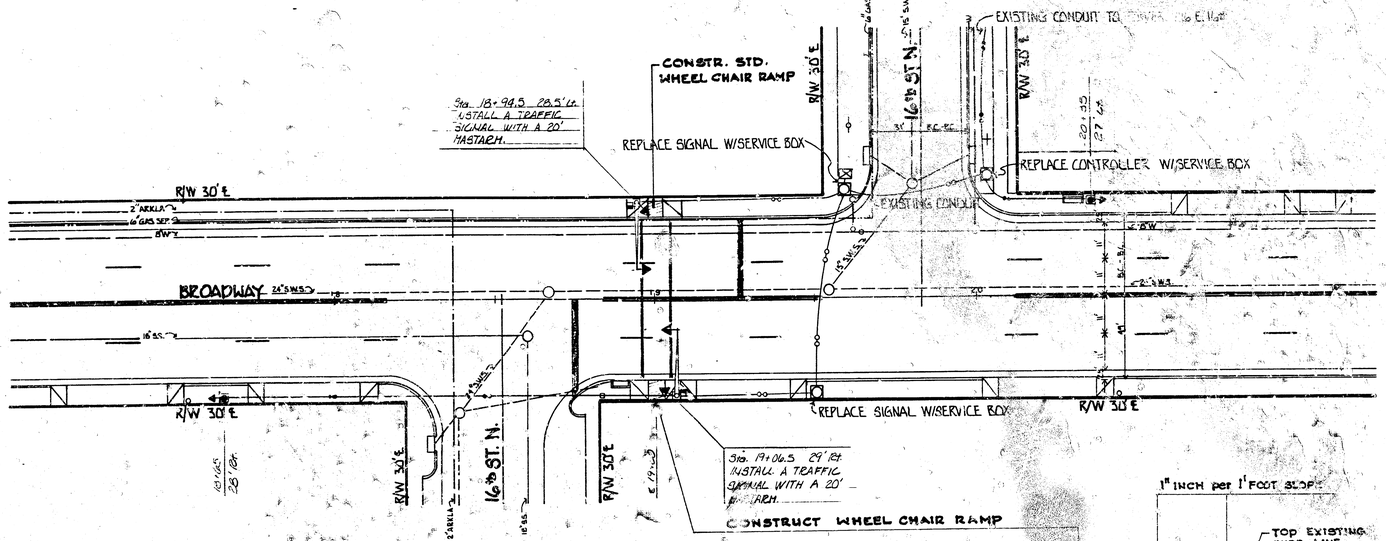
PROJECT DESCRIPTION
BROADWAY between 15th & 16th STS. N.
SCHOOL X-WALK SIGNALIZATION
IRVING ELEMENTARY

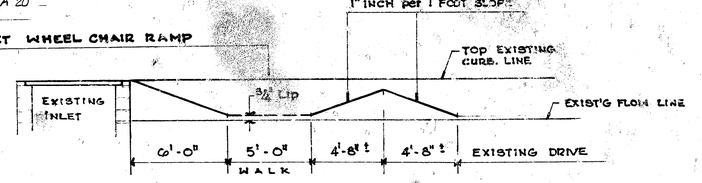
PROJECT NUMBER
472 76 353 80757 000 000 001

BOOK NO.	APPROVED BY	DATE AUG '85
DRAWN BY JD		REVISED

CITY OF WICHITA
DEPARTMENT OF OPERATIONS & MAINTENANCE
TRAFFIC ENGINEER
WM. G. McKINLEY
SCALE 1"=20'

9-A / 10





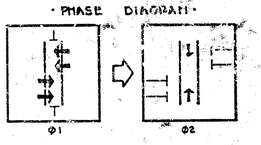
NOTE: USE CAUTION WHEN TRENCHING- UNDERGROUND UTILITIES MAY BE PRESENT.

-SECTION- THRU COMBINED CURB & GUTTER EAST SIDE BROADWAY

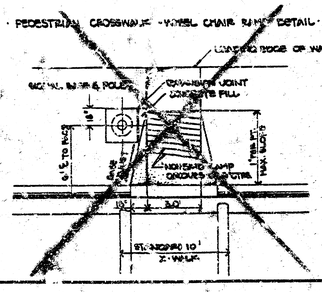
GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, LOOPS, AND/OR CONDUIT.
2. CONDUIT TO BE PLACED 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 BARRICADE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGH-OUT 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, CURB RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

· PHASE DIAGRAM ·



· PEDESTRIAN CROSSWALK - WHEEL CHAIR RAMP DETAIL ·

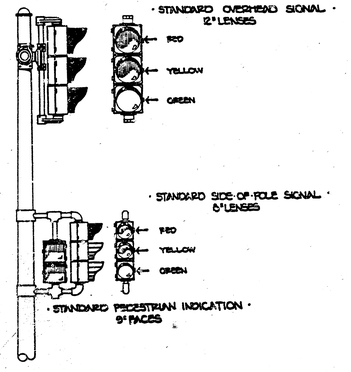


· STANDARD VARIABLE MESSAGE SIGN · 8" LENSES

· STANDARD OVERHEAD SIGNAL · 12" LENSES

· STANDARD SIDE-OF-POLE SIGNAL · 8" LENSES

· STANDARD PEDESTRIAN INDICATION · 9" FACES



SCALE: 1"=20'

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

· REVISED APRIL 2, 1987 ·

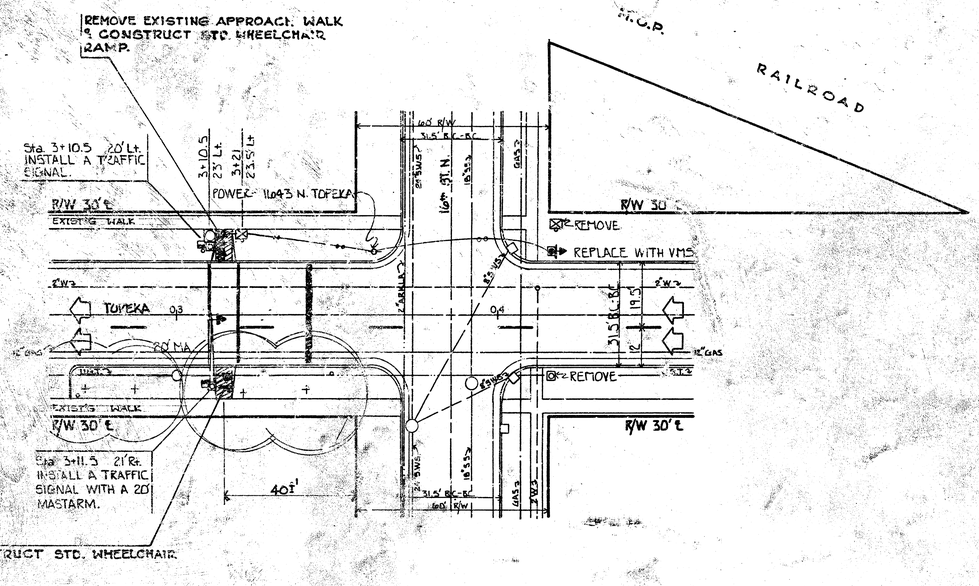
PROJECT DESCRIPTION
BROADWAY between 15th & 16th STS. N.
SCHOOL X-WALK SIGNALIZATION
IRVING ELEMENTARY

PROJECT NUMBER
472 76 355 80757 000 000 001

BOOK NO.	APPROVED BY	DATE AUG '85
DRAWN BY JD		REVISED

CITY OF WICHITA
DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER WM. G. McKINLEY	SCALE 1"=20'

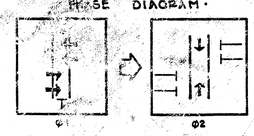


NOTE: USE CAUTION WHEN TRENCHING- UNDERGROUND UTILITIES MAY BE PRESENT.

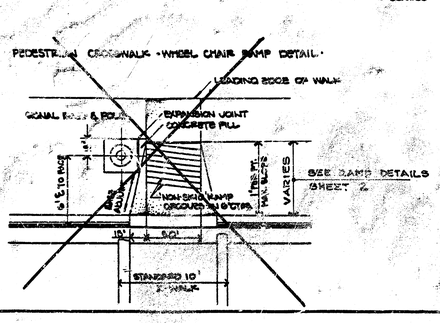
GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, UTILITIES DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO LOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BOX, 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 CHANNELED THROUGH CONSTRUCTION.
4. STANDARD CONSTRUCTION SIGNING, AS OUTLINED IN THE BARRICADE 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. (EXCEPT AS OTHERWISE NOTED.)
7. SIGNAL INSTALLATION, WHEEL CHAIR RAMPS, WALK SECTIONS, ETC. TO BE INSTALLED AS PER ENGINEERING SPECIFICATIONS.

PHASE DIAGRAM



PEDESTRIAN CROSSWALK - WHEEL CHAIR RAMP DETAIL

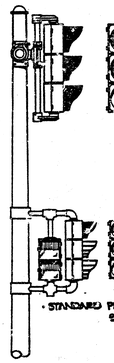


STANDARD VARIABLE MESSAGE SIGN 3 LENSES

STANDARD OVERHEAD SIGNAL 12" LENSES

STANDARD FACE-OF-POLE SIGNAL 8" LENSES

STANDARD PEDESTRIAN INDICATION 9" FACES



SCALE: 1"=20'

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

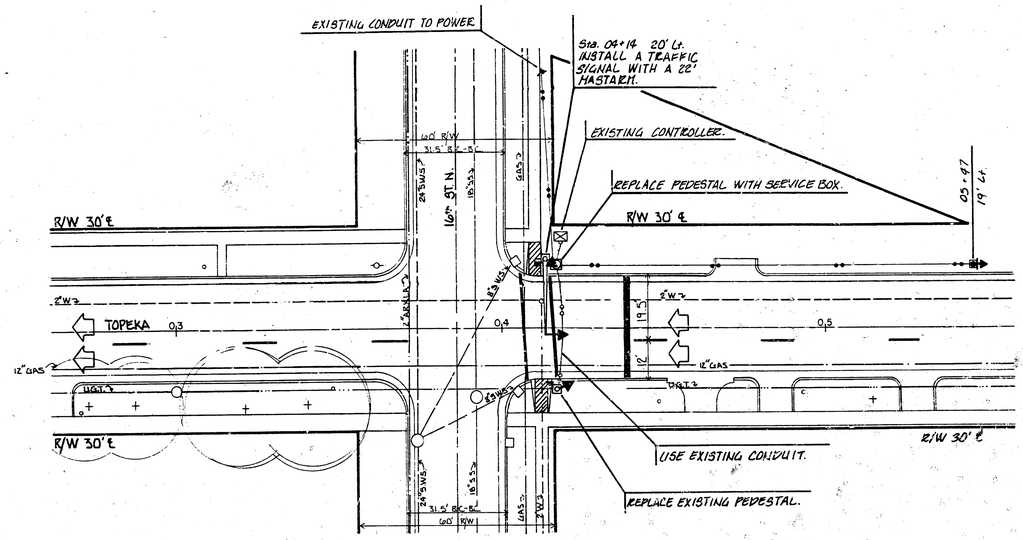
SIDEWALKS

PROJECT DESCRIPTION
TOPEKA between 15th & 16th STS N.
SCHOOL X-WALK SIGNALIZATION
•IRVING ELEMENTARY•

PROJECT NUMBER
372 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
W.N. G. MCKINLEY
SCALE: 1"=20'

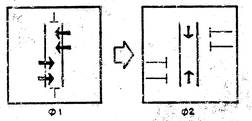


NOTE: USE CAUTION WHEN TRENCHING-
UNDERGROUND UTILITIES MAY BE PRESENT.

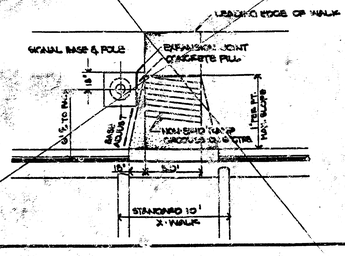
GENERAL NOTES:

1. CONTACT THE TRAFFIC ENGINEERING DIVISION, DEPARTMENT OF OPERATIONS AND MAINTENANCE, PRIOR TO RELOCATION OF ANY SIGNAL POLE, CONTROLLER, PEDESTAL, SERVICE BX, 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 BARRICADE MANUAL OF THE CITY OF WICHITA AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED AND MAINTAINED THROUGH OUT 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 SYSTEM 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 INSTALLATIONS INCLUDE CABLE RUNS, MAST ARM ETC. TO BE INSTALLED AS PER ENGINEERING DETAILS.

· PHASE DIAGRAM ·



· PEDESTRIAN CROSSWALK · WHEEL CHAIR RAMP DETAIL ·

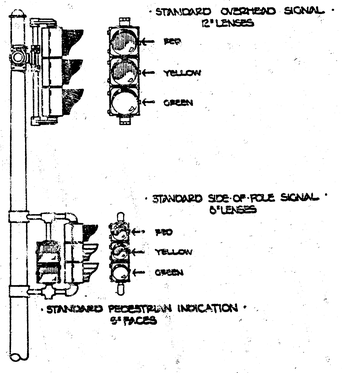


· STANDARD VARIABLE MESSAGE SIGN ·
8" LENSES

· STANDARD OVERHEAD SIGNAL ·
12" LENSES

· STANDARD SIDE-OF-POLE SIGNAL ·
8" LENSES

· STANDARD PEDESTRIAN INDICATION ·
8" FACES



SCALE: 1"=20'

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
- 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 '87

CITY OF WICHITA
DEPARTMENT OF OPERATIONS & MAINTENANCE

TRAFFIC ENGINEER	SCALE
WM. G. MCKINLEY	1"=20'