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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISIONS OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

F.A.P. 326 (ILL. RTE. 47)

SECTION (11GR) R-1

GRUNDY COUNTY

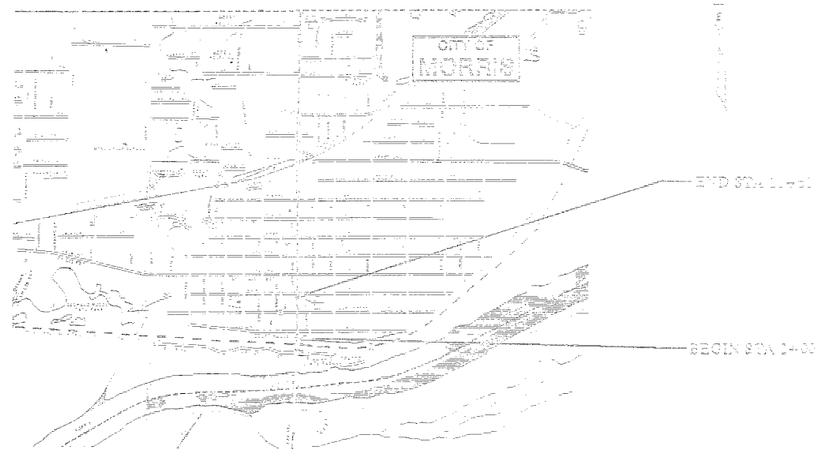
C-95-001-86

PROJ. ACSTPHS-326(16)

STANDARDS

1686-5 SYMBOLS AND ABBREVIATIONS
2135-1 PERMANENT SURVEY MARKERS
2298-11 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR HIGHWAY CONSTRUCTION AND CONTRACT MAINTENANCE
2370-2 DETAILS OF DETECTOR INSTALLATIONS
2371-3 DETAILS OF MOUNTING TRAFFIC SIGNALS
2378-4 DETAILS OF CONCRETE FOUNDATIONS
2380-4 MAST ARM MOUNTED STREET NAME SIGNS
2391-3 DETAILS OF COMBINATION STEEL MAST ARM ASSEMBLY AND POLE
2393-2 STANDARD PHASE DESIGNATION DIAGRAMS & PHASE SEQUENCES
2394-1 TYPICAL LAYOUT FOR DETECTOR LOOPS
2397-2 TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
2401 URBAN LANE CLOSURE 2-LANE, 2-WAY, UNDIVIDED, DAY OR NIGHT OPERATION
2402 URBAN LANE CLOSURE MULTILANE, 2-WAY, DIVIDED & UNDIV. WITH MOUNT MEDIAN
2404 URBAN LANE CLOSURE MULTILANE INTERSECTION
2405 URBAN LANE CLOSURE CROSSWALK OR SIDEWALK CLOSURE

2356-2 CURB RAMPS ACCESSIBLE TO THE DISABLED
2319-6



LOCATION MAP

GROSS AND NET LENGTH OF IMPROVEMENT = 560 FT. = 0.16 MILE

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS _____

JULIE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

PROJECT ENGINEER: WAYNE ALDRICH
UNIT CHIEF: DAVE AMIDON
TOWNSHIP: MORRIS

CONTRACT NO. 86629

D C B A 0 A B

TAMERAN

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MAT PRIME COAT	0.08	GAL/SQ YD
BITUMINOUS CONCRETE SURF CSE	112	LBS/SQ YD/INCH
SHORT TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

T.C.I. CABLEVISION
NORTHERN ILLINOIS GAS
COMMONWEALTH EDISON
AMERITECH

THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. (J.U.L.I.E. 800-892-0123)

ALL DETECTOR AMPLIFIERS SHALL BE SINGLE CHANNEL AND SHELF MOUNTED.

ALL SIGNAL BASES SHALL BE LOCATED A MINIMUM OF 1.8 METERS (6 FEET) FROM THE FACE OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

A 0.6 CM (1/4 INCH) DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.

THE DEPARTMENT OF TRANSPORTATION (815-434-6131) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 0.6 METERS (2 FEET) MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND FACILITIES.

THE DOUBLE HANDHOLE SHALL HAVE 4 METERS (13 FEET) OF SLACK IN EACH CABLE NEATLY WOUND UP ON HOOKS. THE CABLE SHALL BE PAID FOR AT ITS INDIVIDUAL UNIT PRICE(USE ON JOBS PRIOR TO 11/1/95).

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID,SOFT COPPER.

ALL DETECTOR LOOP HARNESSES SHALL BE FURNISHED WITH PLASTIC TAGS LABELLED WITH RESPECTIVE PHASES AND DIRECTION. ALL DETECTOR AMPLIFIERS SHALL BE LABELLED THE SAME AS THE HARNESS WITH A REMOVABLE TAG.

THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.

ALL THREADS OF BOLTS USED IN ASSEMBLEY OF TRAFFIC SIGNAL COMPONENETS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLEY. (USE ON JOBS PRIOR TO 11/1/95).

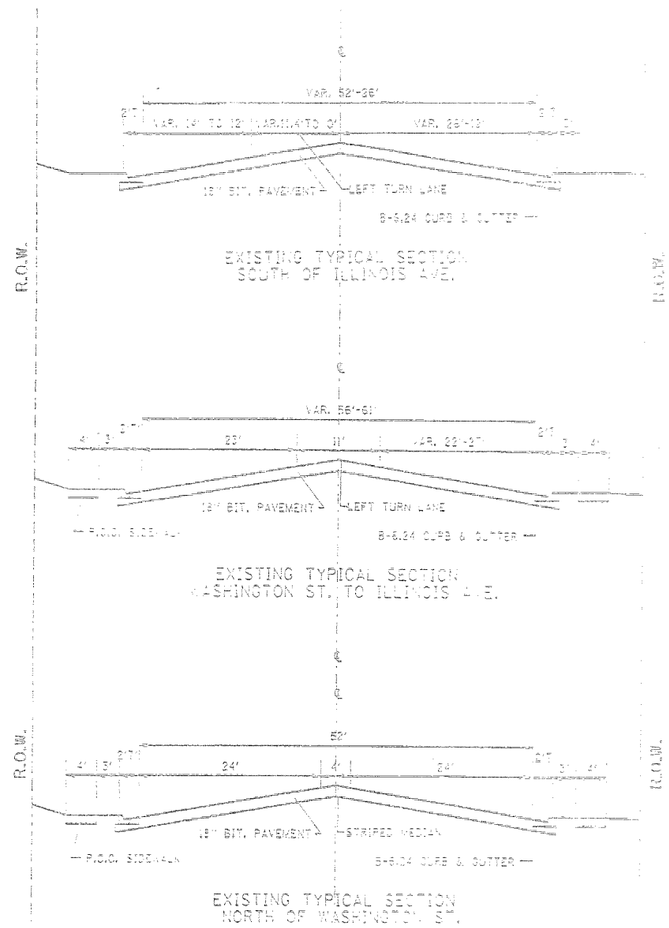
ALL MAST ARM POLE BASES SHALL BE PROTECTED BY A STAINLESS STEEL MESH SCREENING AROUND THE BASEBOLTS TO PREVENT RODENT ENTRY. THE MESH SHALL BE SECURED TO THE BASE BY STAINLESS STEEL BANDING AS INCIDENTAL TO THE INDIVIDUAL MAST ARM ASSEMBLEY PAY ITEM.(USE ON JOBS PRIOR TO 11/1/95)

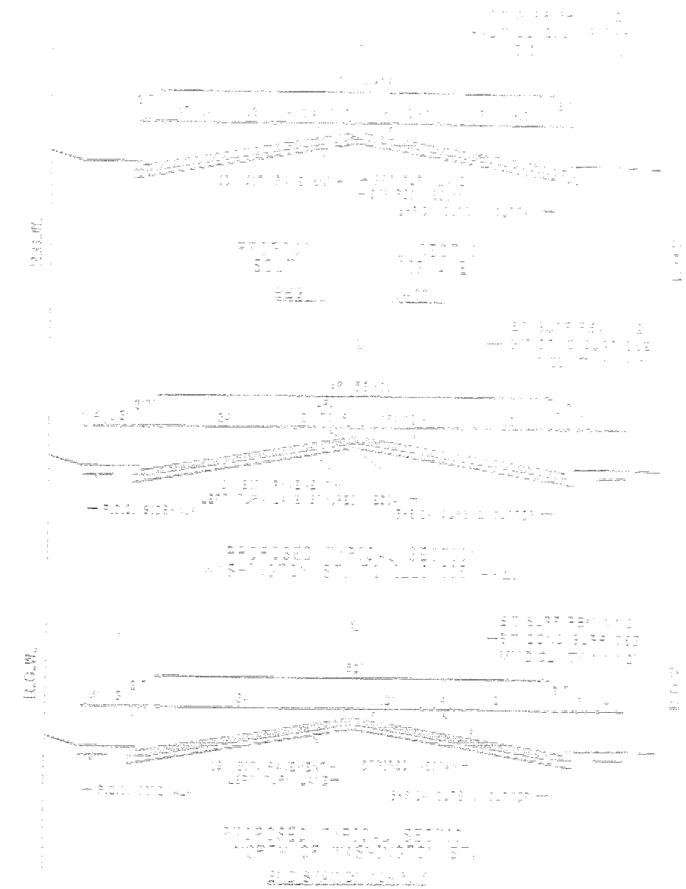
NEW SIDEWALK TO BE PLACED OR ADDED SHALL BE PLACED SO THAT THE SIDEWALK ABUTS ANY POLE CONTAINING A PEDESTRIAN PUSHBUTTON.

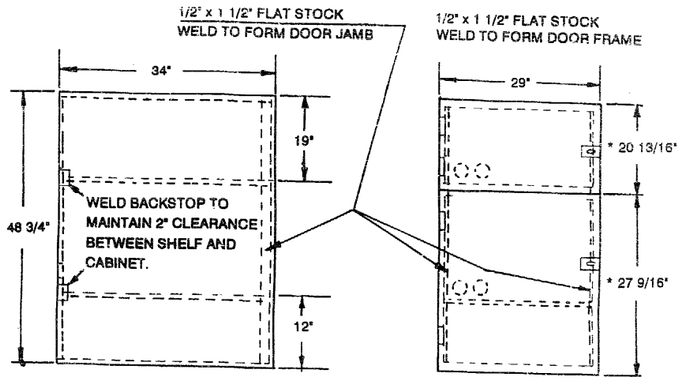
GROUND RODS SHALL BE SOLID COPPER ALLOY OF COPPER CLAD STEEL.

THE LENGTH OF THE LOOP CABLE FROM THE CURB TO THE JUNCTION BOX OR HANDHOLE IS INCIDENTAL TO THE DETECTOR LOOP PAY ITEM.

POLYCARBONATE BACKPLATES MUST HAVE A DEEP BACK FLANGE.



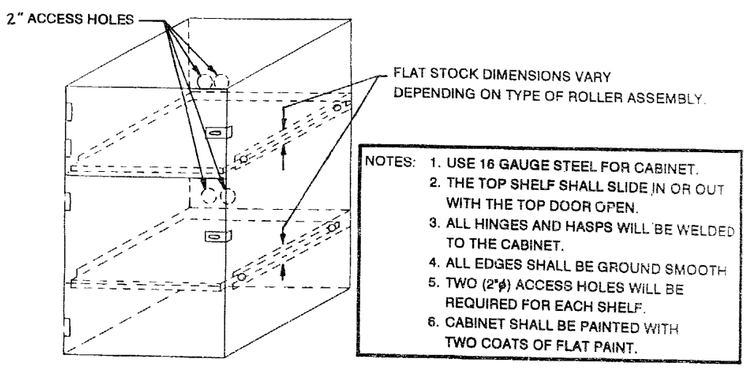




SIDE VIEW

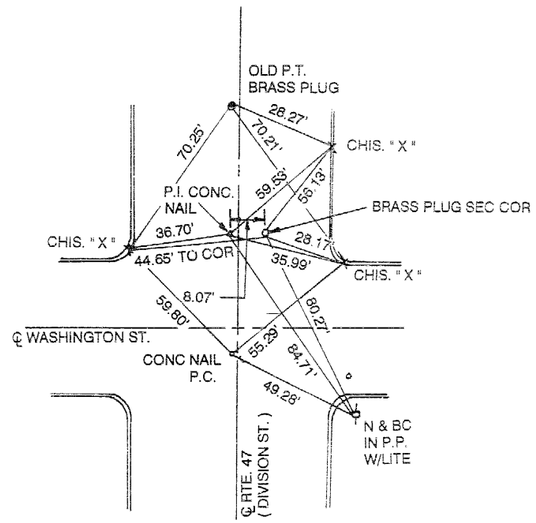
FRONT VIEW

* ALLOWS FOR 1/8" CLEARANCE AT TOP AND BOTTOM OF CABINET AND BETWEEN DOORS.



NOTES:
1. USE 16 GAUGE STEEL FOR CABINET.
2. THE TOP SHELF SHALL SLIDE IN OR OUT WITH THE TOP DOOR OPEN.
3. ALL HINGES AND HASPS WILL BE WELDED TO THE CABINET.
4. ALL EDGES SHALL BE GROUND SMOOTH
5. TWO (2"ø) ACCESS HOLES WILL BE REQUIRED FOR EACH SHELF.
6. CABINET SHALL BE PAINTED WITH TWO COATS OF FLAT PAINT.

LOCKABLE COMPUTER CABINET

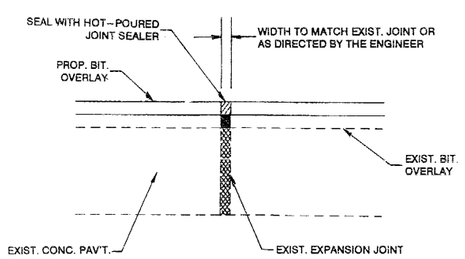


P.C. # 102 = STA. 7+54.12
P.I. # 3 = STA. 8+07.06
P.T. # 103 = STA. 8+59.97

SECTION CORNER = STA. 8+07.06 (8.07'RT OF P.I.)

REPLACE SECTION CORNER ONLY

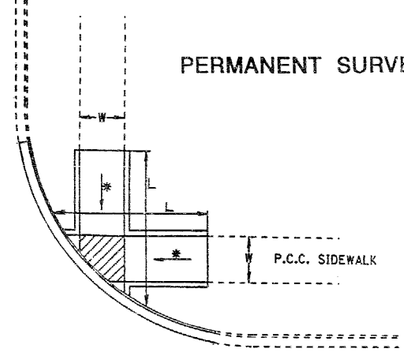
PERMANENT SURVEY MARKERS, TYPE 1



EXPANSION JOINT REHABILITATION DETAIL

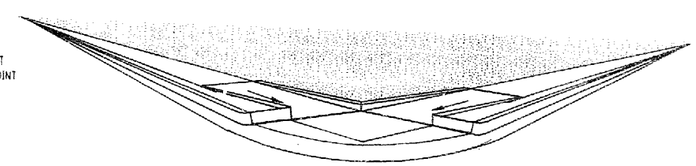
GENERAL NOTES:

1. THE NEW BITUMINOUS OVERLAY SHALL BE SAWED, REMOVED, AND THE JOINT AREA CLEANED. PRIOR TO PLACING THE HOT-POURED JOINT SEALER THE JOINT SHALL BE BLOWN OUT WITH COMPRESSED AIR.
2. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EXPANSION JOINT REHABILITATION.
3. LOCATED AT APPROXIMATE STATION 2+75



LEGEND
SLOPE = 1/4"/1'
* SLOPE = 1:12 MAX.

DIMENSIONS
L = 20' S.E. QUAD
L = 15' S.W., N.W., N.E. QUADS
W = EXIST. SIDEWALK WIDTH



ADA RAMPS DETAIL

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE ROLLS ROADWAY 5% FED. 5% STATE 5% CITY	CONSTRUCTION TYPE ROLLS YOUTH-OR WORKFRC. 5% STATE 5% CITY
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	517	517	
	40600820	BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I, TYPE 1	TON	540	540	
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SQ FT	522	522	
	44000006	BITUMINOUS SURFACE REMOVAL, 1 1/2"	SQ YD	5455	5455	
	44000035	BITUMINOUS SURFACE REMOVAL	SQ YD	45	45	
	44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	93	93	
	44000600	SIDEWALK REMOVAL	SQ FT	457	457	
	56108210	WATER VALVES TO BE ADJUSTED	EACH	1	1	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, B-6.24	FOOT	93	93	
	65700205	PERMANENT SURVEY MARKER, TYPE 1	EACH	1	1	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CALMO	3		3
	90102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 2401	L SUM	1		1
	90102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 2401	L SUM	1		1
	90102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 2401	L SUM	1		1
	90102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 2401	L SUM	1		1
	90301600	TEMPORARY PAVEMENT MARKINGS, LETTERS AND SYMBOLS	SQ FT	187.2		187.2
	90301830	TEMPORARY PAVEMENT MARKINGS - LINE 6"	FOOT	417		417
	90301840	TEMPORARY PAVEMENT MARKINGS - LINE 8"	FOOT	745		745
	90301850	TEMPORARY PAVEMENT MARKINGS - LINE 12"	FOOT	212		212
	90301870	TEMPORARY PAVEMENT MARKINGS - LINE 24"	FOOT	190		190
	90301900	SHORT TERM PAVEMENT MARKING	FOOT	5950		5950
*	T2010100	SIGN PANEL - TYPE 1	SQ FT	93		93
*	T2020100	SIGN PANEL - TYPE 2	SQ FT	27.5		27.5
*	T4011020	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6		6
*	T4011030	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4		4
*	T4011110	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2
*	T4011120	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2		2
*	T4024200	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, 1-FACE, BRACKET MOUNTED	EACH	8		8
*	T4030100	TRAFFIC SIGNAL BACKPLATE	EACH	14		14
*	T4065000	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	5		5
*	T4086035	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 25 FT.	EACH	1		1
*	T4086070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1		1
*	T4160600	INDUCTIVE LOOP DETECTOR	EACH	6		6
*	T4180110	DETECTOR LOOP, TYPE I	FOOT	750		750
*	T4207600	PVC CONDUIT IN TRENCH 1 1/2"	FOOT	82		82
*	T4207900	PVC CONDUIT IN TRENCH 2"	FOOT	31		31
*	T4214200	ELECTRIC CABLE IN CONDUIT NO. 14 2/C	FOOT	500		500
*	T4214201	ELECTRIC CABLE IN CONDUIT NO. 14 3/C	FOOT	1300		1300
*	T4214203	ELECTRIC CABLE IN CONDUIT NO. 14 5/C	FOOT	1350		1350
*	T4214205	ELECTRIC CABLE IN CONDUIT NO. 14 7/C	FOOT	600		600
*	T4216600	ELECTRIC CABLE IN CONDUIT NO. 14 2/C TWISTED, SHIELDED	FOOT	530		530
*	T4270100	CONCRETE FOUNDATION, TYPE A	FOOT	15		15
*	T4270300	CONCRETE FOUNDATION, TYPE E 24-INCH DIAMETER	FOOT	12		12
*	T4270400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	12		12
*	T4290600	DRILL EXISTING JUNCTION BOX	EACH	4		4
*	T4310100	TRENCH AND BACKFILL	FOOT	123		123
*	T2006000	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1
*	T4400100	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
*	T4420100	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	4		4
*	T4440200	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6		6
*	T4450200	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3400		3400
*	T4480200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	WEEK	6		6
*	T4520100	DRILL EXISTING HANDHOLE	EACH	11		11
*	T5010100	THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	187.2		187.2
*	T5010400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	417		417
*	T5010500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	745		745
*	T5010600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	212		212
*	T5010700	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	190		190
*	T5040100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	75	75	
	T5070100	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	75	75	
	Z0021700	EXPANSION JOINT REHABILITATION	FOOT	45	45	

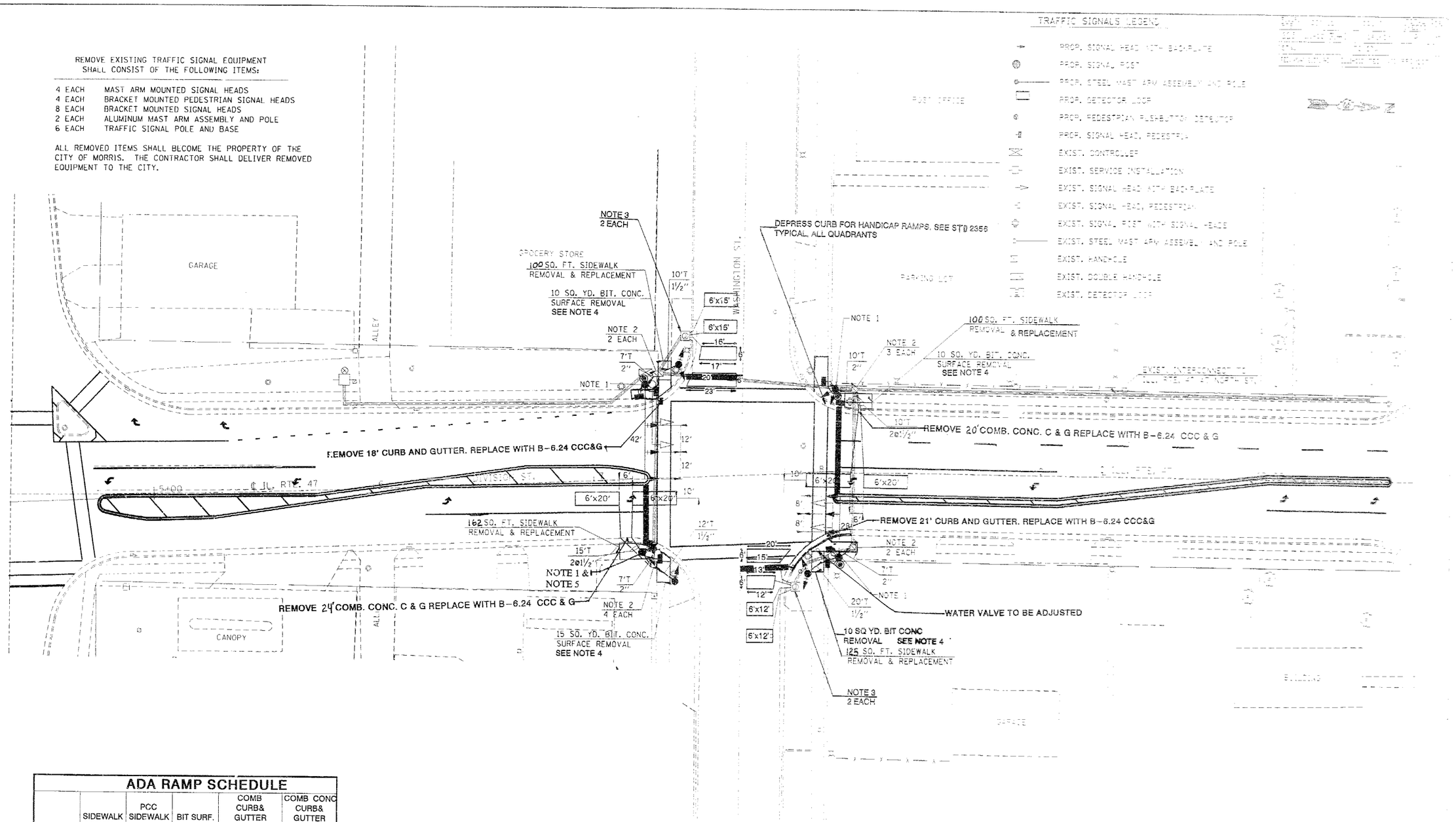
*SPECIALTY ITEMS

SUMMARY OF QUANTITIES AND DETAILS

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
SHALL CONSIST OF THE FOLLOWING ITEMS:

4 EACH	MAST ARM MOUNTED SIGNAL HEADS
4 EACH	BRACKET MOUNTED PEDESTRIAN SIGNAL HEADS
8 EACH	BRACKET MOUNTED SIGNAL HEADS
2 EACH	ALUMINUM MAST ARM ASSEMBLY AND POLE
6 EACH	TRAFFIC SIGNAL POLE AND BASE

ALL REMOVED ITEMS SHALL BECOME THE PROPERTY OF THE CITY OF MORRIS. THE CONTRACTOR SHALL DELIVER REMOVED EQUIPMENT TO THE CITY.



ADA RAMP SCHEDULE

LOCATION	SIDEWALK REMOVAL SQ FT	PCC SIDEWALK 4" SQ FT	BIT SURF. REMOVAL SQ YD	COMB CURB& GUTTER REM FOOT	COMB CONC CURB& GUTTER B-6.24 FOOT
NE QUAD	125	215	10	21	21
NW QUAD	100	190	10	20	20
SE QUAD	162	297	15	24	24
SW QUAD	100	190	10	18	18
TOTALS	487	892	45	83	83

CONSTRUCTION NOTES

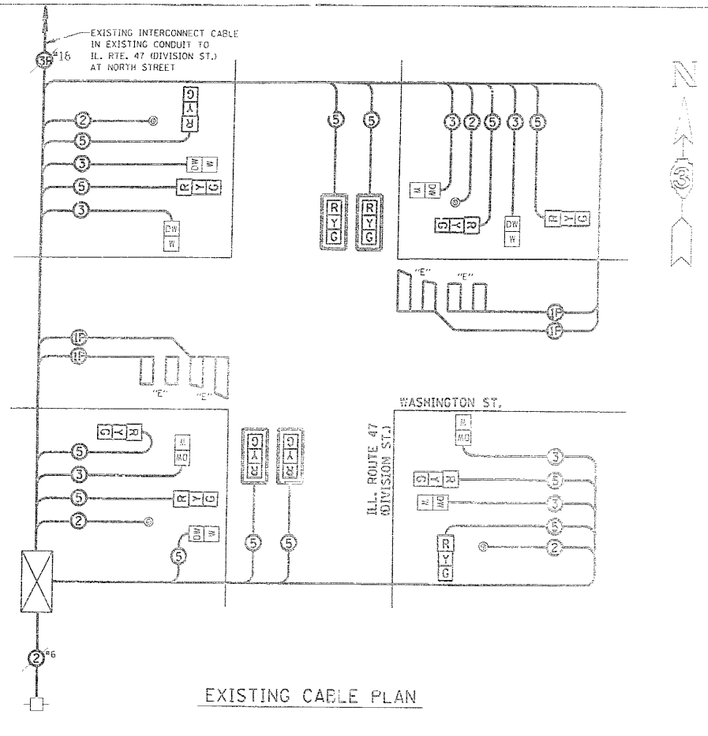
1) RELOCATE PEDESTRIAN PUSHBUTTON AND SIGN. MOUNT ALL PEDESTRIAN SIGNAL HEADS AWAY AND PARALLEL TO ADJACENT ROADWAY.
2) DRILL EXISTING HANDHOLE
3) DRILL EXISTING JUCTION BOX
4) REPLACE WITH 4" PCC CONCRETE. TO BE PAID FOR AS PCC SIDEWALK, 4"
5) LOCATE PROP. SIGNAL POST IN SE QUADRANT ONLY AT EXISTING SIGNAL POST LOCATION

0 20 40 80

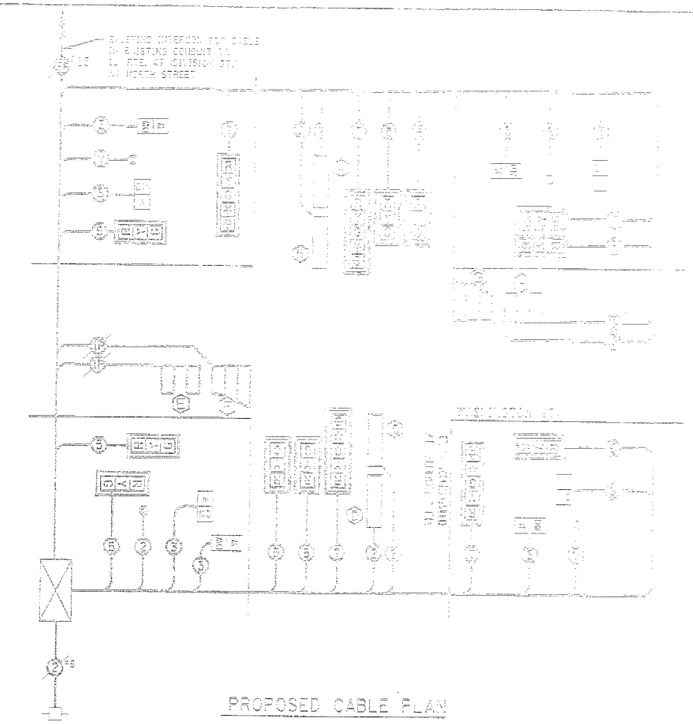
REVISIONS
NAME DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

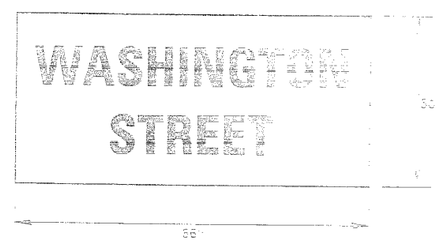
TRAFFIC SIGNAL DETAIL INTERSECTION IL. RTE. 47 & WASHINGTON ST.



EXISTING CABLE PLAN



PROPOSED CABLE PLAN



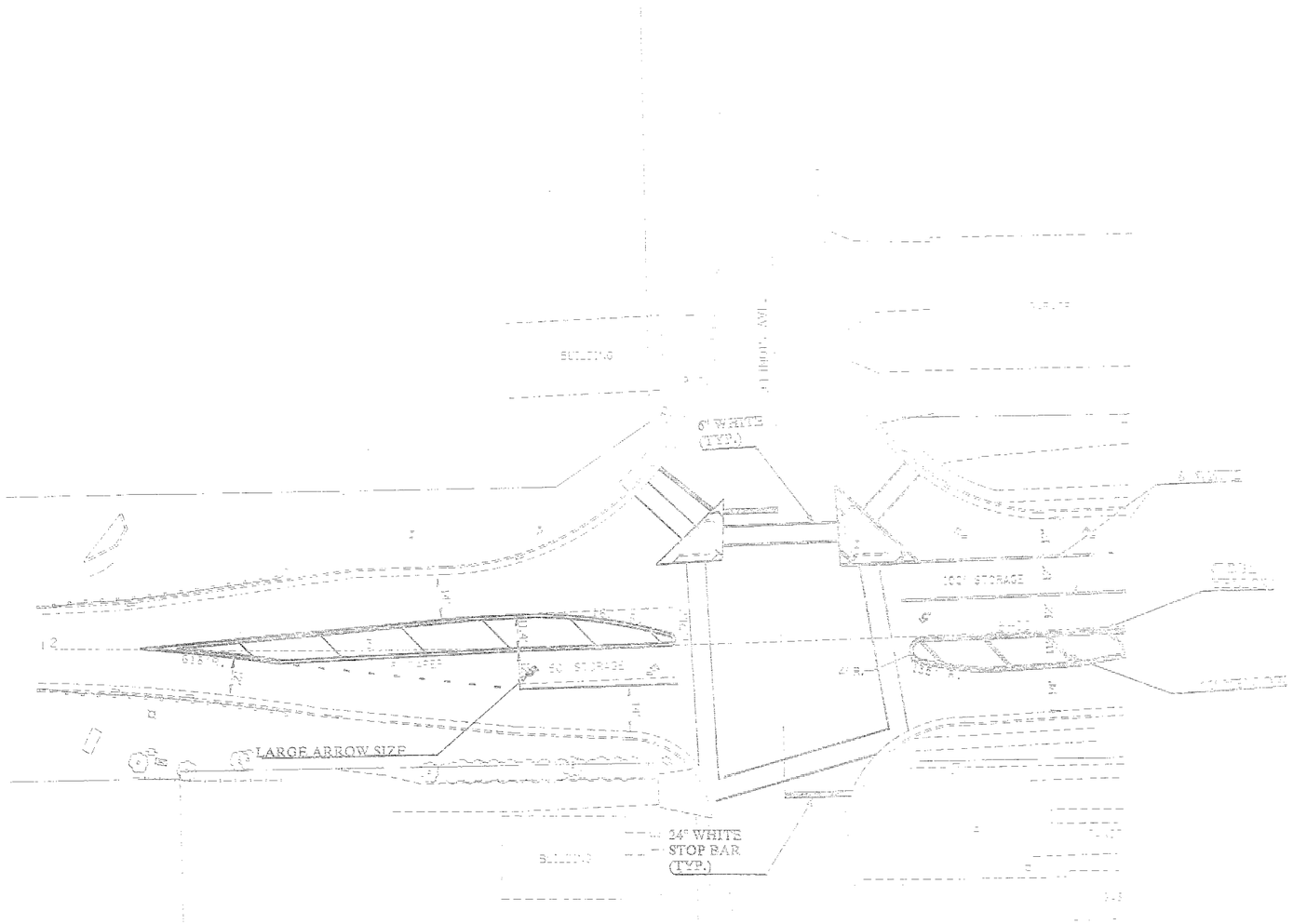
0.50" BORDER
6" D SERIES LETTERS - HIGH INTENSITY SHEETING
2 SIGNS REQUIRED - 12.00 SQ. FT. EACH
27.00 SQ. FT. TOTAL

2 SIGNS REQUIRED - 3.00 SQ. FT. EACH
6.00 SQ. FT. TOTAL

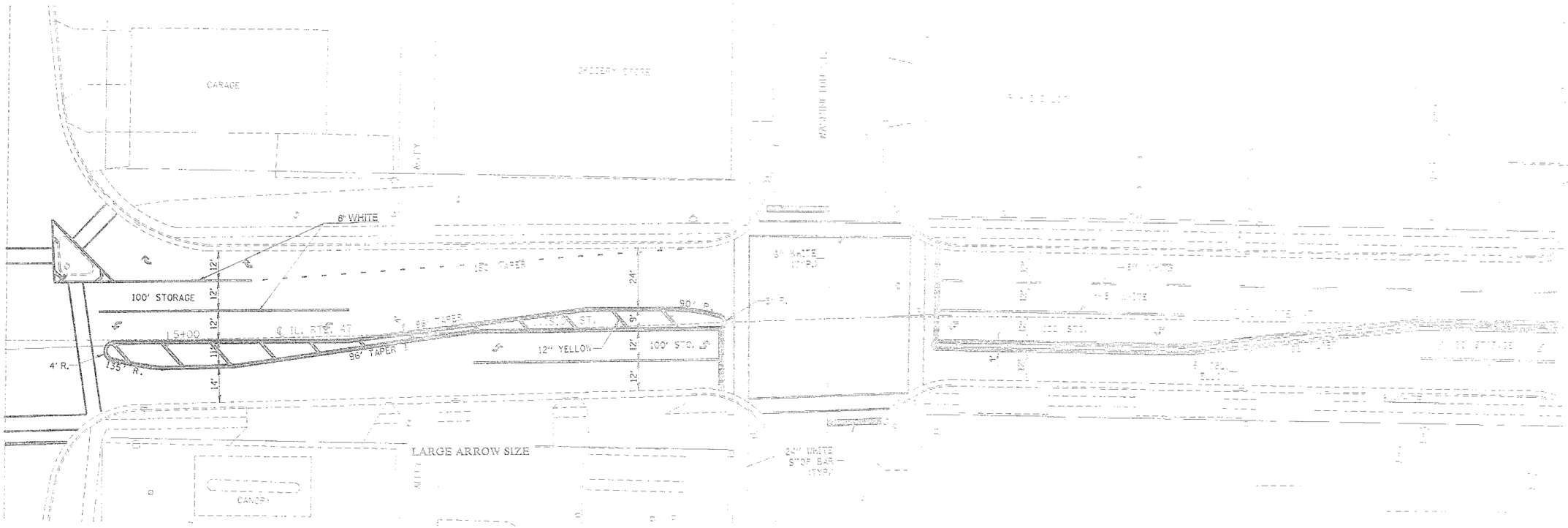
1 RE 1 SHEETING REQUIRED

THIS SIGN SHALL BE MOUNTED 8 TO 10 INCHES TO
THE RIGHT OF EACH SOUTH BOUND
LEFT TURN SIGNAL

D C B A 0


BUILDING
6" WHITE
(TYP.)
100' STORAGE
40' STORAGE
LARGE ARROW SIZE
24" WHITE
STOP BAR
(TYP.)

D C B A 0 A


GARAGE
8" WHITE
100' STORAGE
12'
12'
12'
14'
24'
15+00
4' R.
135' R.
95' TAPER
12" YELLOW
100' STO.
LARGE ARROW SIZE
24" WHITE
STOP BAR
(TYP.)
CANOPY

D C B A

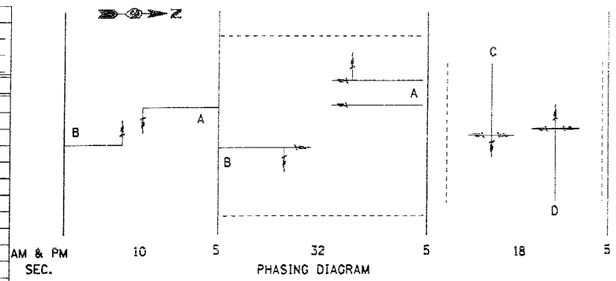
CAPACITY DESIGN STUDY

3 PHASE — AREA OTHER — PEAK HOUR FACTOR .95

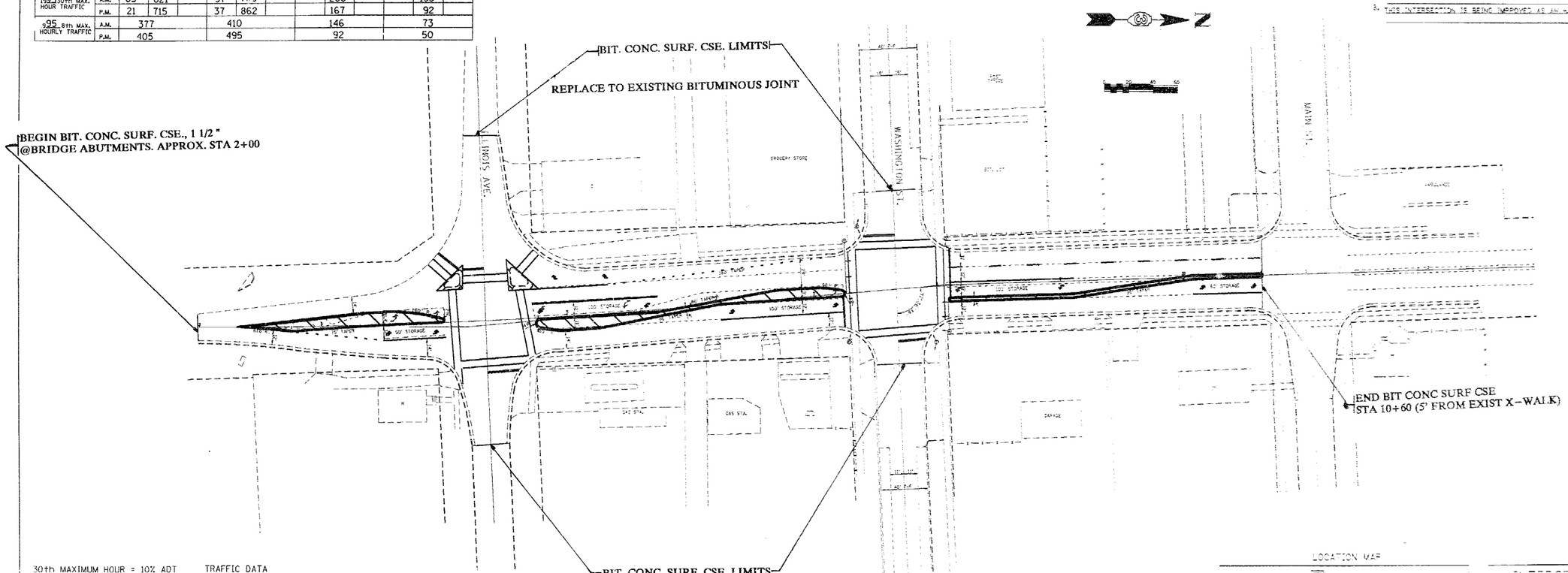
75 SEC. CYCLE — AVERAGE INTERSECTION DELAY A.M. 13.8 SEC. — INTERSECTION LEVEL A.M. B

SIGNAL TYPE ACTUATED — PROGRAM USED HCS — P.M. 15.3 SEC. — OF SERVICE P.M. C

APPROACH		NB		SB		EB		WB	
BUS STOP CONDITION		---	NONE	---	NONE	NONE		NONE	
PARKING MANEUVER/HR.		---	---	---	---	---		---	
PEDESTRIANS		---	10	---	10	10		10	
ARRIVAL TYPE		3	3	5	5	3		3	
THROUGH LANE UNTILIZATION FACTOR		1.0	1.0	1.0	1.0	1.0		1.0	
BASE SATURATION FLOW		1800	1800	1800	1800	1800		1800	
D-DISTANCE		100′	---	100′	---	---		---	
LANE GROUP		L	TR	L	TR	LTR		LTR	
LANE WIDTHS		12′	12′	12′	2@12′	14′		11′	
GREEN TIME (SECONDS)	A.M.	10	32	10	32	18		18	
	P.M.	10	32	10	32	18		18	
LANE GROUP DELAY (SECONDS)	A.M.	21.1	16.2	20.6	4.5	30.8		15.4	
	P.M.	20.4	26.5	20.6	6.1	16.0		14.4	
LEVEL OF SERVICE	A.M.	C	C	C	A	D		C	
	P.M.	C	D	C	B	C		B	
1995 30th MAX. HOUR TRAFFIC	A.M.	65	621	37	709	266		133	
	P.M.	21	715	37	862	167		92	
1995 8th MAX. HOURLY TRAFFIC	A.M.	377		410		146		73	
	P.M.	405		495		92		50	



PHASING DIAGRAM



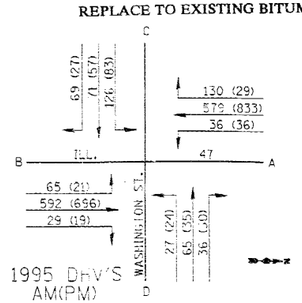
GENERAL NOTES

1. PROFILES ARE NOT PRESENTED. CURB APPROACH GRADES ARE ____
2. TYPE _____ CURB AND GUTTER TO BE USED ON OUTER EDGES OF _____
3. TYPE _____ CURB AND GUTTER TO BE USED ON CHANNELIZING ISLANDS _____
4. ALL DIMENSIONS ARE SHOWN EDGE OF PAVEMENT UNLESS SHOWN OTHERWISE.
5. PROPOSED MEDIAN TO BE THERMOPLASTIC PAVEMENT MARKING WITH RAISED REFLECTIVE PAVEMENT MARKERS USED TO DELINEATE LANE LINES.
6. ENTRANCES TO BE IN ACCORDANCE WITH "OR STATE POLICY ON "DRIVEWAYS FOR ACCESS TO STATE HIGHWAYS".
7. CURB RAMPS TO BE PROVIDED FOR THE HANDICAPPED IN ACCORDANCE WITH STATE POLICY.
8. THIS INTERSECTION IS BEING IMPROVED AS AN H.E.S. PROJECT.

TRAFFIC DATA

30th MAXIMUM HOUR = 10% ADT

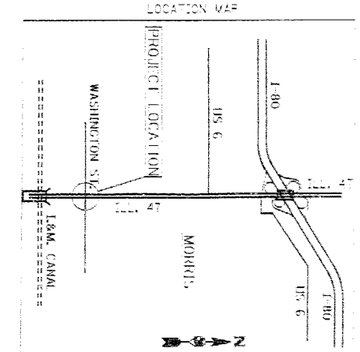
MOVEMENT	YEAR 1995 30th MAXIMUM HOUR TRAFFIC		PERCENT TRUCK TRAFFIC IN 30TH MAX. HOUR	ESTIMATED PERCENT INCREASE BY ____		YEAR ____ 30th MAXIMUM HOUR TRAFFIC		ESTIMATED PERCENT INCREASE BY ____		YEAR ____ 30th MAXIMUM HOUR TRAFFIC	
	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
AB	579	833	6								
AD	37	37	2								
AC	130	29	2								
BA	592	696	6								
BC	65	21	2								
BD	29	19	2								
CD	71	57	2								
CA	126	83	2								
CB	69	27	2								
DC	68	36	2								
DB	28	25	2								
DA	37	31	2								
TOTAL A	1501	1709									
TOTAL B	1362	1621									
TOTAL C	529	253									
TOTAL D	270	205									



1995 DHV'S AM(PM)

NOTE REMOVE 1 1/2" OF EXISTING BITUMINOUS CONCRETE AT LIMITS INDICATED ABOVE. REPLACE WITH BITUMINOUS CONCRETE SURFACE COURSE. NO TAPERS NECESSARY.

LOCATION MAP



INTERSECTION DESIGN STUDY

FAP ROUTE 606 — ILL. 47

ROUTE _____ — WASHINGTON ST.

SECT. NO. 7W0358-0-02 — PROJ. NO. _____

JOB NO. R89-165-94 — COUNTY GRUNDY

SCALE 1" = 40'

DESIGNED BY DISTRICT NO. 3 — DATE 6-30-94

SATISFACTORY _____ — DATE _____

SATISFACTORY _____ — DATE _____

SATISFACTORY _____ — DATE _____

APPROVED _____ — DATE _____

SHEET 1 OF 1

INTERSECTION DESIGN STUDY AND BITUMINOUS RESURFACING LIMITS

D C B A 0 A B C

TAMERAN