FOR INDEX OF SHEETS

1 COVER SHEET **INDEX OF SHEETS STANDARDS**

- 2 SUMMARY OF QUANTITIES
- 3 UTILITIES
- **4 GENERAL NOTES** SIGNAL PLANS SHEETS LEGEND
- 5-6 PLANS SHEETS
- 7-8 CABLE DETAIL
- 9 DISTRICT STANDARD 94.2 **DISTRICT STANDARD 93.4**
- 10-11 DISTRICT STANDARD 41.1

STANDARDS

424001-04 CURB RAMPS FOR SIDEWALKS

780001-01 TYPICAL PAVEMENT MARKING

ELECTRICAL SERVICE INSTALLATION DETAILS TRAFFIC SIGNAL MOUNTING DETAILS

701006-02 OFF-ROAD OPERATIONS 2L, 2W 4.5m(15') TO PAVEMENT EDGE FOR SPEEDS > 45 MPH

701101-01 OFF-ROAD OPERATIONS, MULTILANE LESS THAN 4.5m (15')

AWAY FOR SPEEDS >45 MPH

701301-02 LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS

701426-02 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING MOVING OPERATION, FOR SPEEDS > 45 MPH

701501-03 URBAN LANE CLOSURE 2L, 2W UNDIVIDED

701701-04 URBAN LANE CLOSURE MULTILANE INTERSECTION 701801-03 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE FOR SPEEDS > 45MPH

702001-05 TRAFFIC CONTROL DEVICES

STANDARD PHASE DESIGNATION DIAGRAMS

AND PHASE SEQUENCES

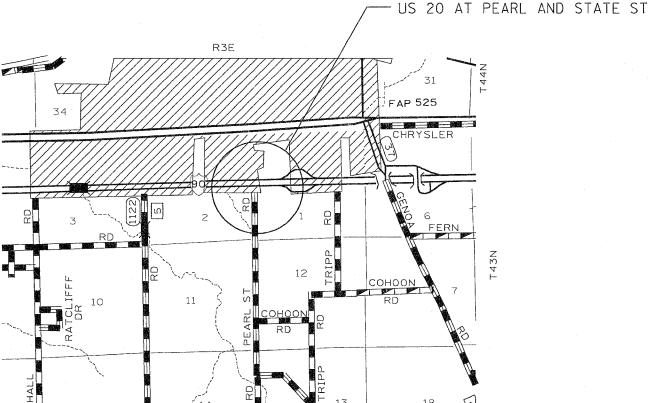
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

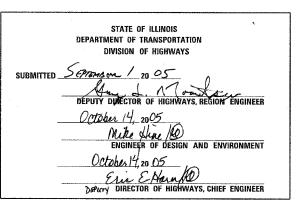
FAP ROUTE 525 (US 20) SECTION (6,14, 15)R-TS-1 PROJECT ACHS - 0525 (110) **BOONE COUNTY**

C92--110--05

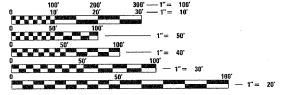


PROJECT LOCATION





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

CONTRACT NO. 64B32

• (6,14,15)R-TS--1

URBAN 90% FED 10% STATE

Y031-1F

CONTRACT NO. 64B32

F.A RTE.	A. SECTION		OUNTY		TOTAL SHEETS	SHEET NO.			
525	*		BOONE		11	2			
STA.	STA. TO STA.								
FED. ROA	D DIST. NO.	ILLINOIS	FED. A	ID	PROJECT				

SUMMARY OF QUANTITIES

	SOMMANT OF GOANTITIES				7051-17
PAY CODE	ITEM	UNIT	PEARL ST	STATE ST	TOTAL
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SQ FT	58		58
42400800	DETECTABLE WARNINGS	SQ FT	6		- 6
67100100	MOBILIZATION	L SUM			1
70102620	TRAFFIC CONTROLL AND PROTECTION, STANDARD 701501	L SUM			1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM			1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM			
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	165		165
¥ 78000500	THÉRMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	728		728
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	538		538
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	224		224
80400105	SERVICE INSTALLATION, SPECIAL	EACH	1		1
85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM			1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL No. 14 2 C	FOOT	334		334
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL No. 14 3 C	FOOT	334		334
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL No. 14 7 C	FOOT	1001		1001
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE No. 6 3 C	FOOT	50		50
X8801395	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2
X8801400	SIGNAL HEAD, POLYCARBONATE, FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2		2
88102200	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, 1-FACE, BRACKET MOUNTED	EACH	3		3
88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	2		2
88500500	INDUCTION LOOP DETECTOR AMPLIFIER	EACH	2		2
88800100	PEDESTRIAN PUSH BUTTON	EACH	4		4
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1
X0322494	CURB CUT	FOOT	6		6
X0962500	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L SUM			1
X 032 4264	SIGNAL HEAD, LED, RETROFIT	EACH	16	11	27
XX004444	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BARCKET MOUNTED, RETROFIT	EACH	1		1
X0324942	GROUT REMOVAL AND REPLACEMENT	EACH	4	2	6

REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION	_
NAME DATE	ILLINOIS DEPARTMENT OF TRANSFORTATION	
	•	
	SCALE: VERT. DRAWN BY	
	HORIZ.	
1	DATE CHECKED BY	

* SPECIALTY ITEM

• (6,14,15)R-TS--1 CONTRACT NO. 64B32

| F.A. | SECTION | COUNTY | TOTAL SHEET NO. 525 | * BOONE | 11 | 3 |
| STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS | FED. AID | PROJECT |

			·
UTILITIES			
NAME AND ADDRESS OF UTILITY	TYPE	TELEPHONE	JULIE MEMBERF
MR MIKE LENOX COMMONWEALTH EDISON COMPANY	ELECTRIC	815-490-2869	YES 800-892-0123
123 ENERGY AVE ROCKFORD, IL 61109			000 032 0123
MR KALIN HINSHAW VERIZON 112 WEST ELM STREET	TELEPHONE	815-895-1515	YES 800-892-0123
SYCAMORE, IL 60178			
MR SCOTT STOGSDILL NICOR GAS CO 1844 FERRY ROAD	GAS	630-983-8676	YES 800-892-0123
NAPERVILLE, IL 60563-9600			
MR MIKE OWENS INSIGHT COMMUNICATIONS OF ROCKFORD 811 21ST STREET	CATV	815-962-4400	YES 800-892-0123
MOLINE, IL 61265 MR BRENT ANDERSON CITY OF BELVIDERE 210 WHITNEY	CATV	815-544-9256	YES 800-892-0123
BELVIDERE, IL 61008 MR DENNIS SCHULTZ IDOT-D2 819 DEPOT AVE	GOVT	815-284-5469	NO 815-284-5469
DIXON IL 61021			

PLOT DATE = Thu Sep &! !!!35.844 2805 FILE NAME = G.Npro-jects US20.PEARL\0.289598 PLOT SCALE = 28.8080 '/ !N. USER NAME = h.ilk!

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• (6,14	,15)R-TS1		CONTRACT 64					
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GENERAL NOTE:

1. THE FOLLOWING REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT COST SHALL INCLUDE ANY NECESSARY MATERIAL AND WORK TO REMOVE THE FOLLOWING EQUIPMENT. THE FOLLOWING EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND REMAIN THE PROPERTY OF THE CITY OF BELVIDERE.

2 - 3 SECTION TRAFFIC SIGNAL HEAD

1 - PEDESTRIAN SIGNAL HEAD

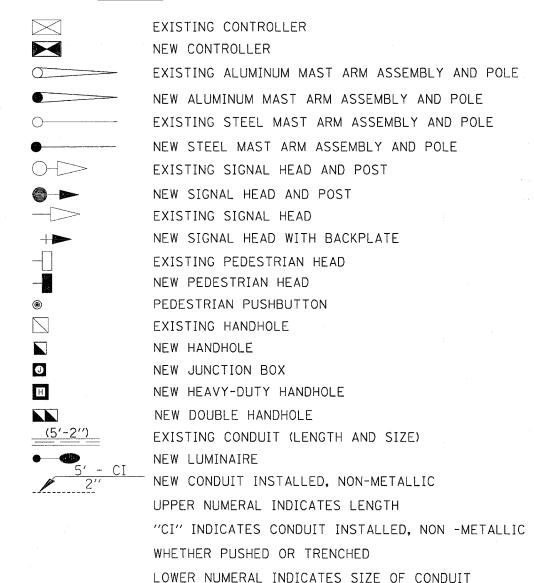
2 - PEDESTRIAN PUSH BUTTON

EXISTING ELECTRIC CABLE SHALL BE REMOVED BY THE CONTRACTOR AND RETAINED BY THE CONTRACTOR FOR SALVAGE. ANY REMAINING HOLES RESULTING FORM REMOVAL OR RELOCATION OF SIGNAL EQUIPMENT SHALL BE PLUGGED

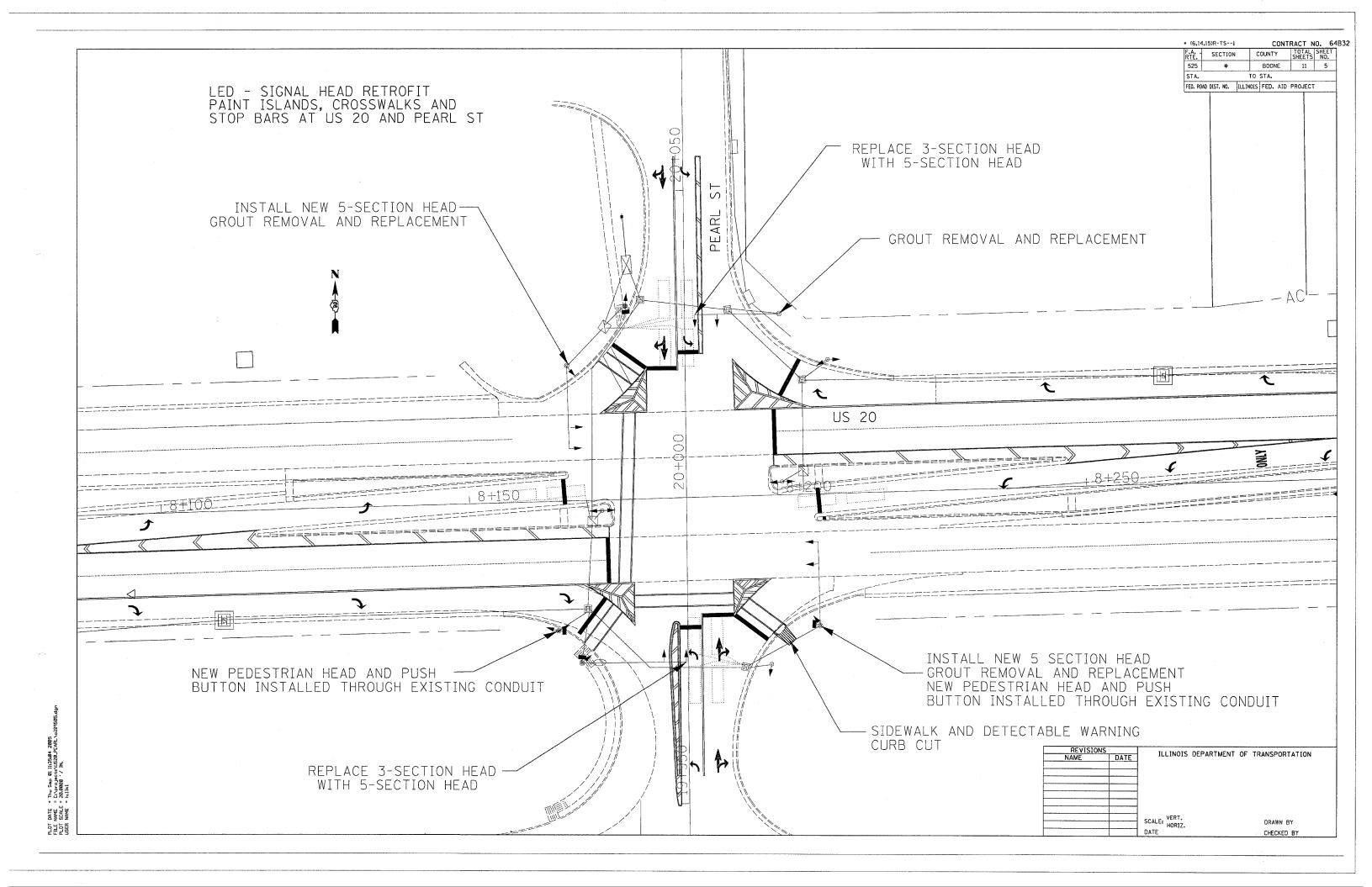
THIS WORK SHALL BE PAID FOR AS REMOVAL OF TRAFFIC SIGNAL EQUIPMENT LUMP SUM.

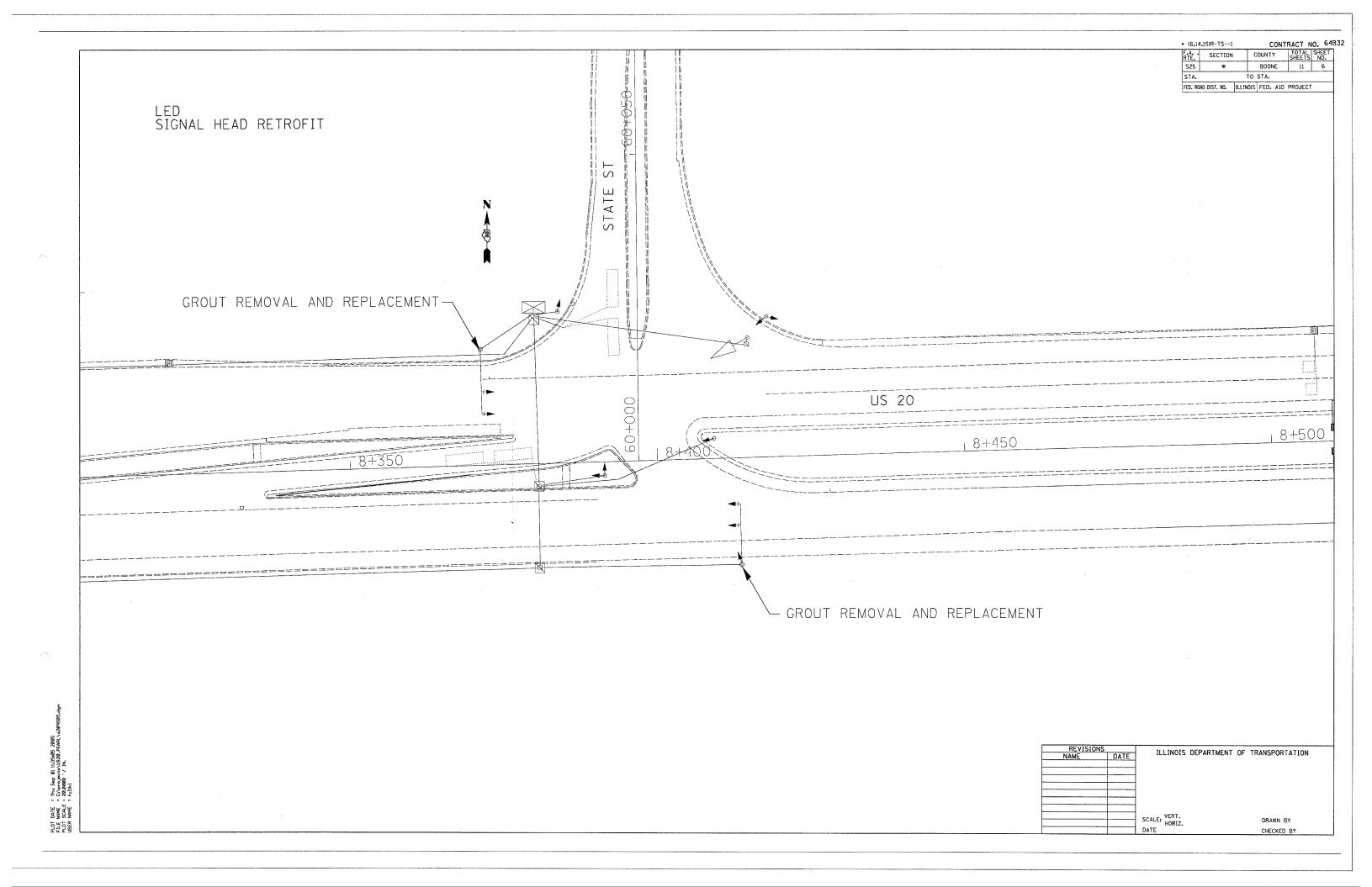
- 2. NO WORK SHALL BE ALLOWED UNTIL ALL COMPONENTS NECESSARY TO COMPLETE THE SIGNAL INSTALLATION HAVE ARRIVED ON THE JOB SITE.
- 3. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ANY WORK IS STARTED.
- 4. ALL WORK ASSOCIATED WITH THE PLACEMENT OF THERMOPLASTIC PAVEMENT MARKING SHALL BE ACCORDANCE WITH STANDARD SPECIFICATIONS ARTICLE 780 AND SHALL BE CONSIDERED INCIDENTAL TO THE PAY CODE ITEM. ONLY THE RESIDENT ENGINEER SHALL HAVE THE AUTHORITY TO RELOCATE PAVEMENT MARKING
- 5. ALL NECESSARY EXCAVATION, AND BASE PERPARATION REQUIRED FOR THE SIDEWALK INSTALLATION SHALL BE INCIDENTAL TO THE PAY ITEM 42400200 PCC SIDEWALK, 5", SQ. FT.

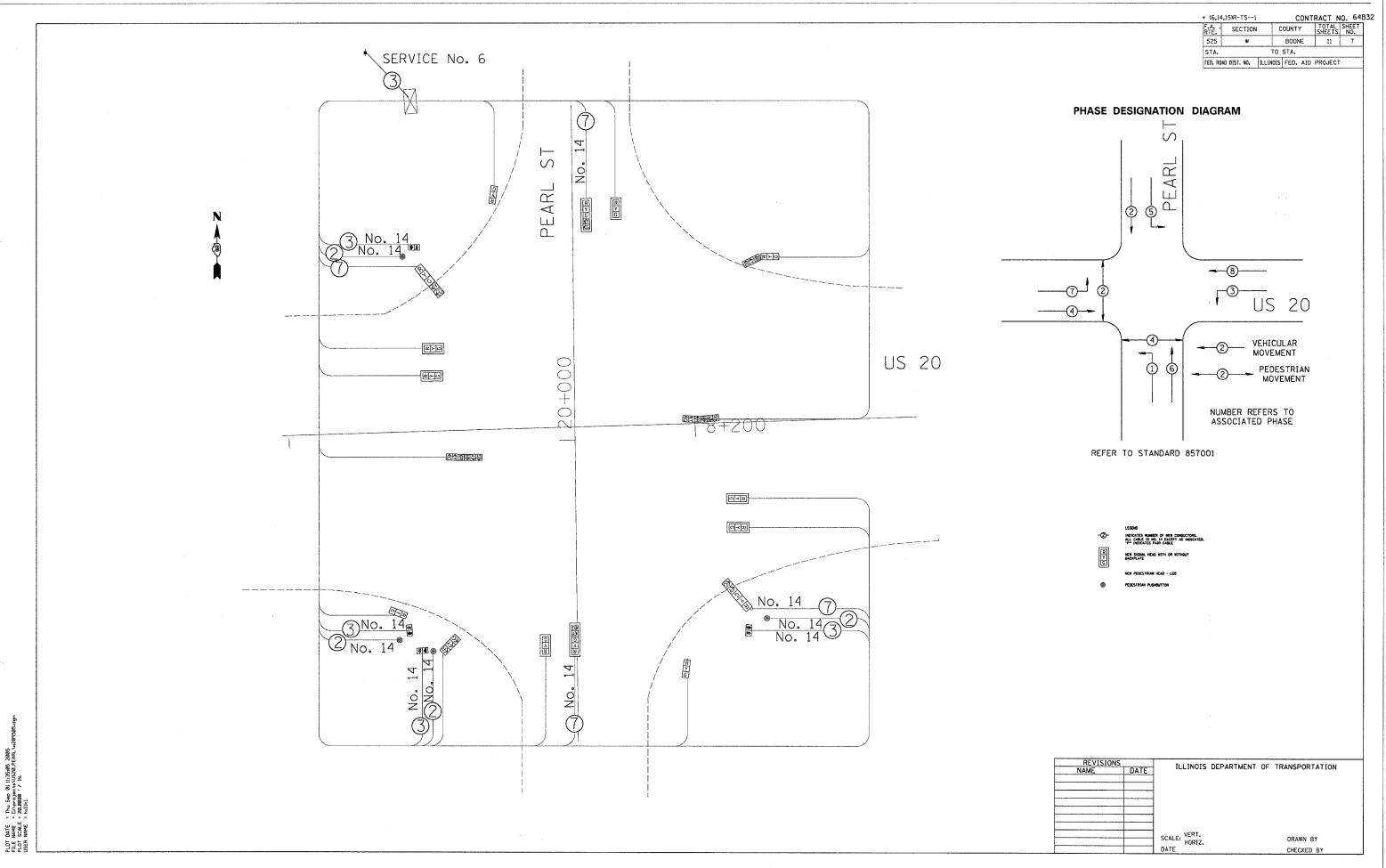
LEGEND

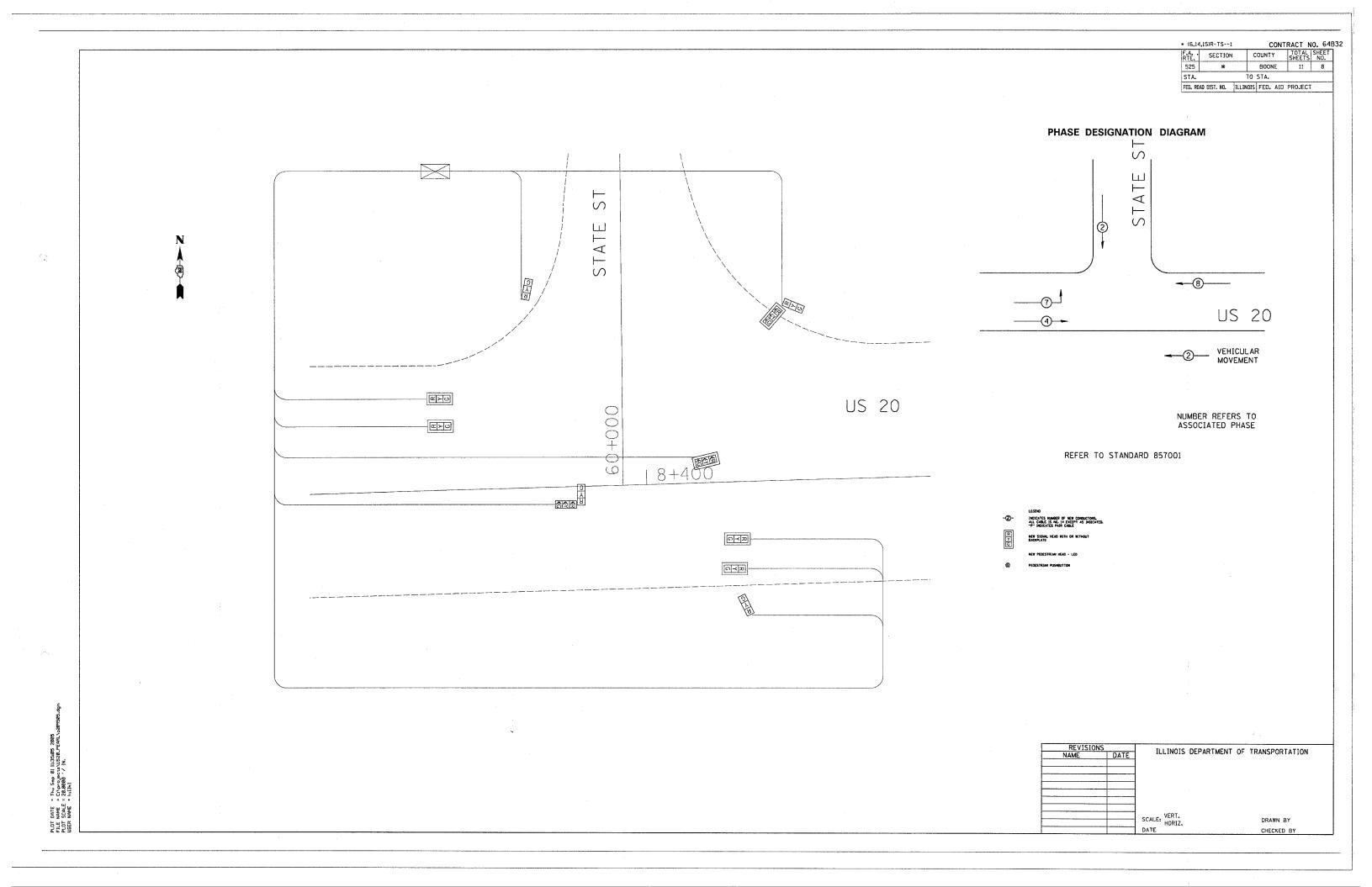


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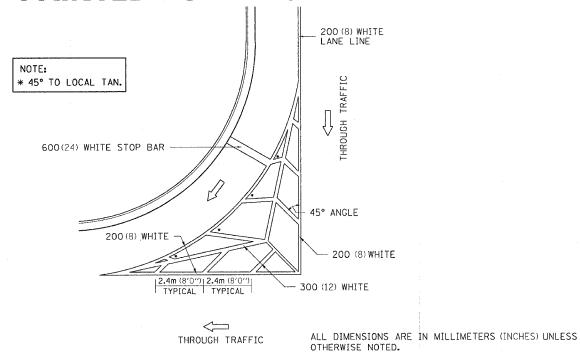








TYPICAL MARKING FOR PAINTED ISLANDS

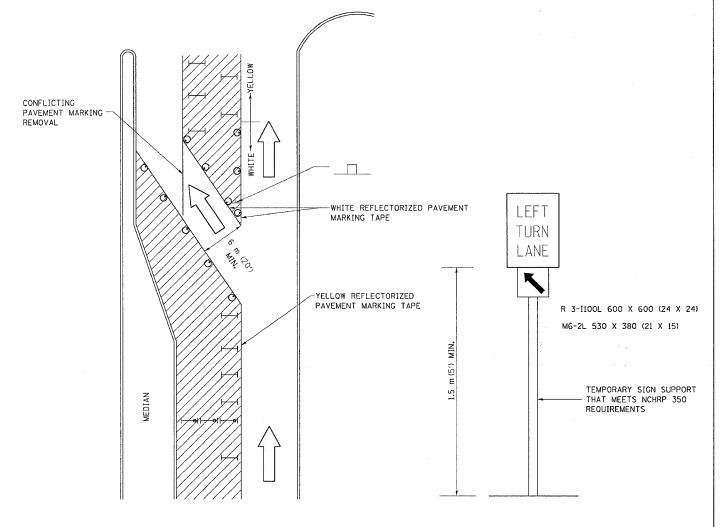


TYPICAL MARKING FOR PAINTED ISLANDS

EVISED 2-7-05

93.4

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



LEGEND

WORK AREA

LANE OPEN TO TRAFFIC

TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT

DRUM OR BARRICADE WITH STEADY BURN LIGHT

SIGN (SEE DETAIL)

TYPE I OR 11 CHECK BARRICADE WITH STEADY LIGHT BURN GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (2B) IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 \times 600 (24 \times 24) AND M6-2R 530 \times 380 (21 \times 15) SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

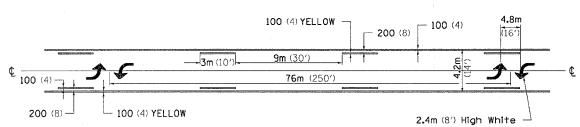
TYPICAL PAVEMENT MARKINGS

• (6,14,1		CONTRACT NO. 64						
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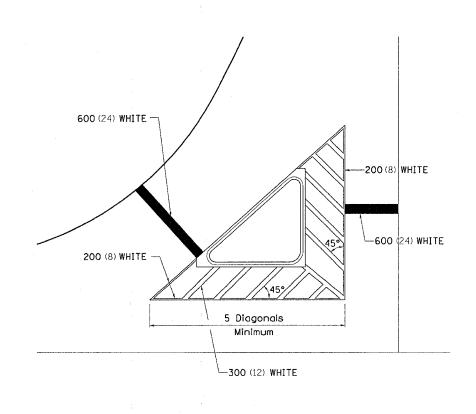
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

6m (20') for 50-70 Km/H for 50-70 Km/H (30-40 MPH) 100 (4) YELLOW 9m (30') **9m** (30′) - 100 (4) YELLOW 80 Km/H & over (45 MPH) 80 Km/H & over 400 (16) 100 (4) YELLOW -**\200** (8) 200 (8) 200 (8) 600 (24) 200 (8) ∠ 300 (12) YELLOW - 300 (12) YELLOW 100 (4) YELLOW

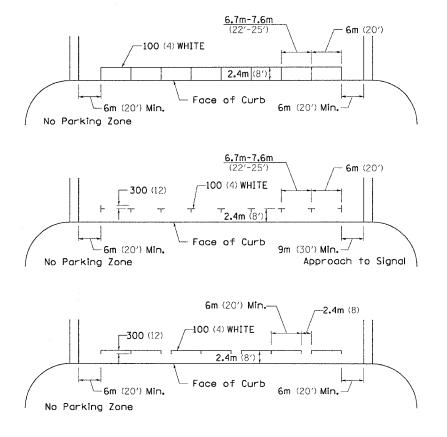
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH

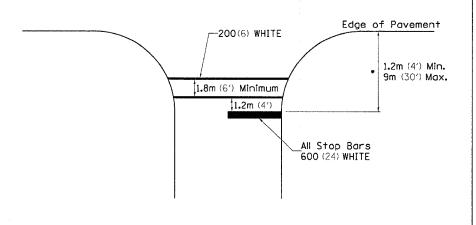


TYPICAL PARKING SPACING



.. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STANDARD CROSSWALK MARKING See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

