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Regina Webster & Associates, Inc.

INDEX OF SHEETS

1. COVER SHEET
2. SUMMARY OF QUANTITIES - SHEET 1 OF 4
3. SUMMARY OF QUANTITIES - SHEET 2 OF 4
4. SUMMARY OF QUANTITIES - SHEET 3 OF 4
5. SUMMARY OF QUANTITIES - SHEET 3 OF 4
6. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 1 OF 7
7. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 2 OF 7
8. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 3 OF 7
9. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 4 OF 7
10. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 5 OF 7
11. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 6 OF 7
12. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 7 OF 7
13. TRAFFIC SIGNAL MODERNIZATION PLAN - SHEET 1 OF 2
14. TRAFFIC SIGNAL MODERNIZATION PLAN - SHEET 2 OF 2
15. CABLE PLAN, SCHEDULE OF QUANTITIES & PHASE DESIGNATION DIAGRAM
16. MAST ARM MOUNTED STREET NAME SIGNS

16A, 16B.

REV STANDARDS

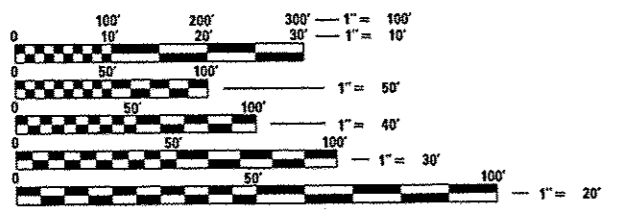
- 05-701006 : OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 04-701011 : OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 04-701101 : OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 04-701301 : LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 09-701606 : URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 09-701701 : URBAN LANE CLOSURE MULTILANE INTERSECTION
- 05-701801 : LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 03-701901 : TRAFFIC CONTROL DEVICES
- 01-720001 : SIGN PANEL MOUNTING DETAIL
- 01-805001 : ELECTRICAL SERVICE INSTALLATION DETAILS
- 02-814001 : HANDHOLES
- 02-814006 : DOUBLE HANDHOLES
- 01-857001 : STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 01-862001 : UNINTERRUPTABLE POWER SUPPLY (UPS)
- 02-873001 : TRAFFIC SIGNAL GROUNDING & BONDING
- 05-877001 : STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 09-878001 : CONCRETE FOUNDATION DETAILS
- 01-880006 : TRAFFIC SIGNAL MOUNTING DETAILS

PROJECT IS LOCATED IN VILLAGE OF WHEELING

DESIGN DESIGNATION

IL RTE 68 - OTHER ARTERIAL
2013 ADT: 31,300
POSTED SPEED LIMIT: 50 MPH

PORTWINE RD - LOCAL ROAD
2013 ADT: 2,250
POSTED SPEED LIMIT: 35 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: DAVID MEDINA
PROJECT MANAGER: SUDUD MAHMOUD

CONTRACT NO. 60X14

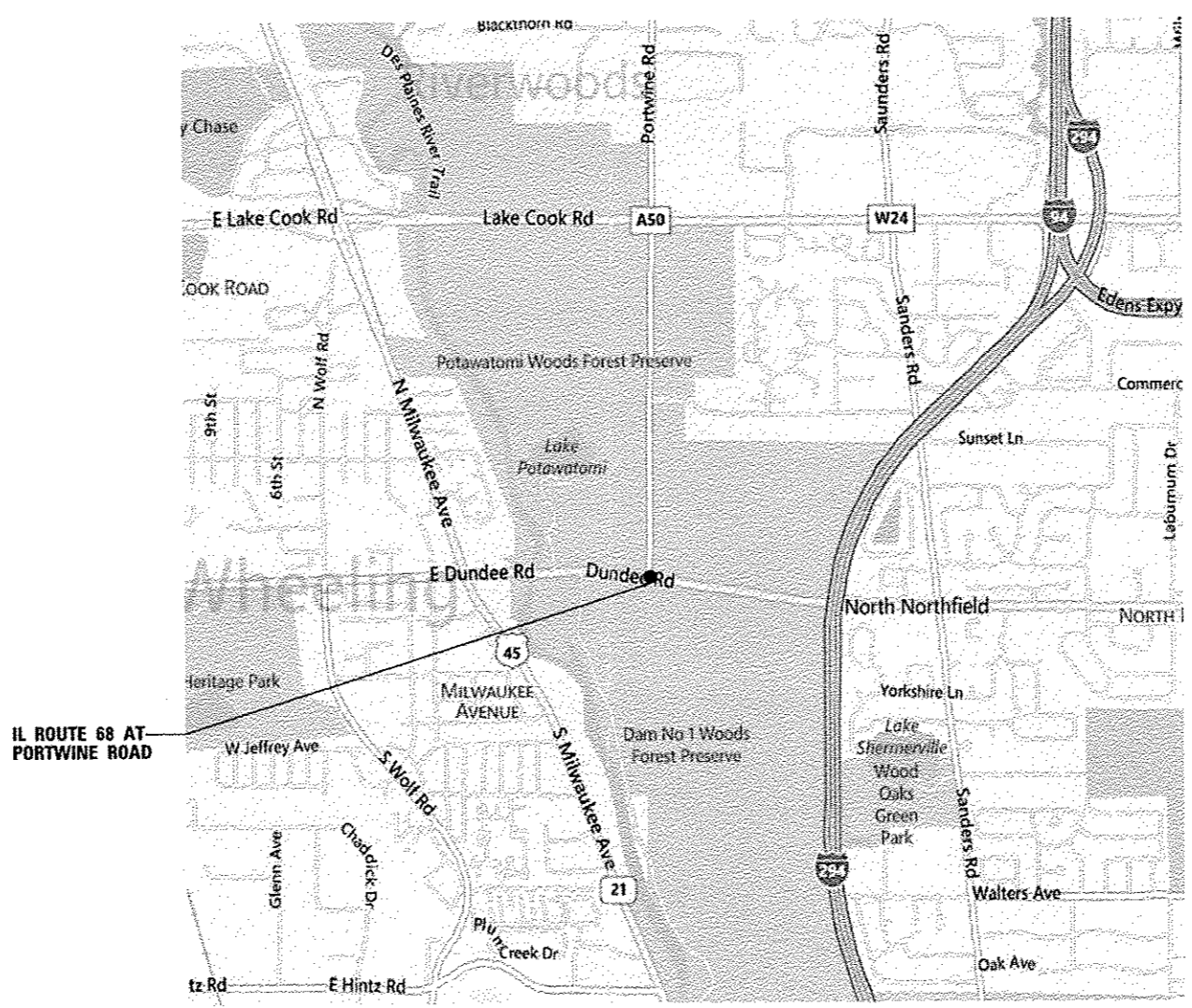
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP 343 (IL ROUTE 68 - PORTWINE ROAD)
SECTION 1618TS
PROJECT: AC NHPP-0068(114)
TRAFFIC SIGNAL INSTALLATION
COOK COUNTY

C-91-018-14



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1618TS	COOK	16	1
		ILLINOIS	CONTRACT NO. 60X14	

0-91-018-14 Δ *16 + 2 = 18



Signed *Daniel Wiktorzak*
DANIEL WIKTORZAK, P.E. IL Lic. No. 062-060950
Expires 11-30-2015
Date 6/16/14

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 27 20 14
John Forbus
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Aug 15 20 14
John D. Baranzoli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 15 20 14
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Δ Rev 9-4-14

80% FEDERAL
 13.3% STATE
 6.7% WHEELING TWP
 IL 68 AT
 PORTWINE RD
 TRAFFIC SIGNAL
 0021
 URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4	4
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	25	25
25200100	SODDING	SO YD	25	25
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	25	25
44000500	COMBINATION CURB AND CUTTER REMOVAL	FOOT	16	16
60603000	COMBINATION CONCRETE CURB AND CUTTER, TYPE B-6-12	FOOT	16	16
67100100	MOBILIZATION	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SO FT	38	38
* 72000200	SIGN PANEL - TYPE 2	SO FT	12.5	12.5
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1	1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,028	1,028



* Specialty Items

Rev. 9-4-14

80% FEDERAL
 13.3% STATE
 6.7% WHEELING TWP
 IL 68 AT
 PORTWINE RD
 TRAFFIC SIGNAL
 0021
 URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	7	7
88500100	INDUCTIVE LOOP DETECTOR	EACH	6	6
88600100	DETECTOR LOOP, TYPE I	FOOT	468	468
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	4
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1
7				
70100800	CHANGEABLE MESSAGE SIGN	CALMO	2	2
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	38	38
72400200	REMOVE SIGN PANEL ASSEMBLY-TYPE B	EACH	2	2
*78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	73	73
Z0030850	TEMPORARY INFORMATION SIGNING	SOFT	52	52
*66900200	NON-SPECIAL WASTE DISPOSAL	CY YD	90	90
*66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1
*66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1

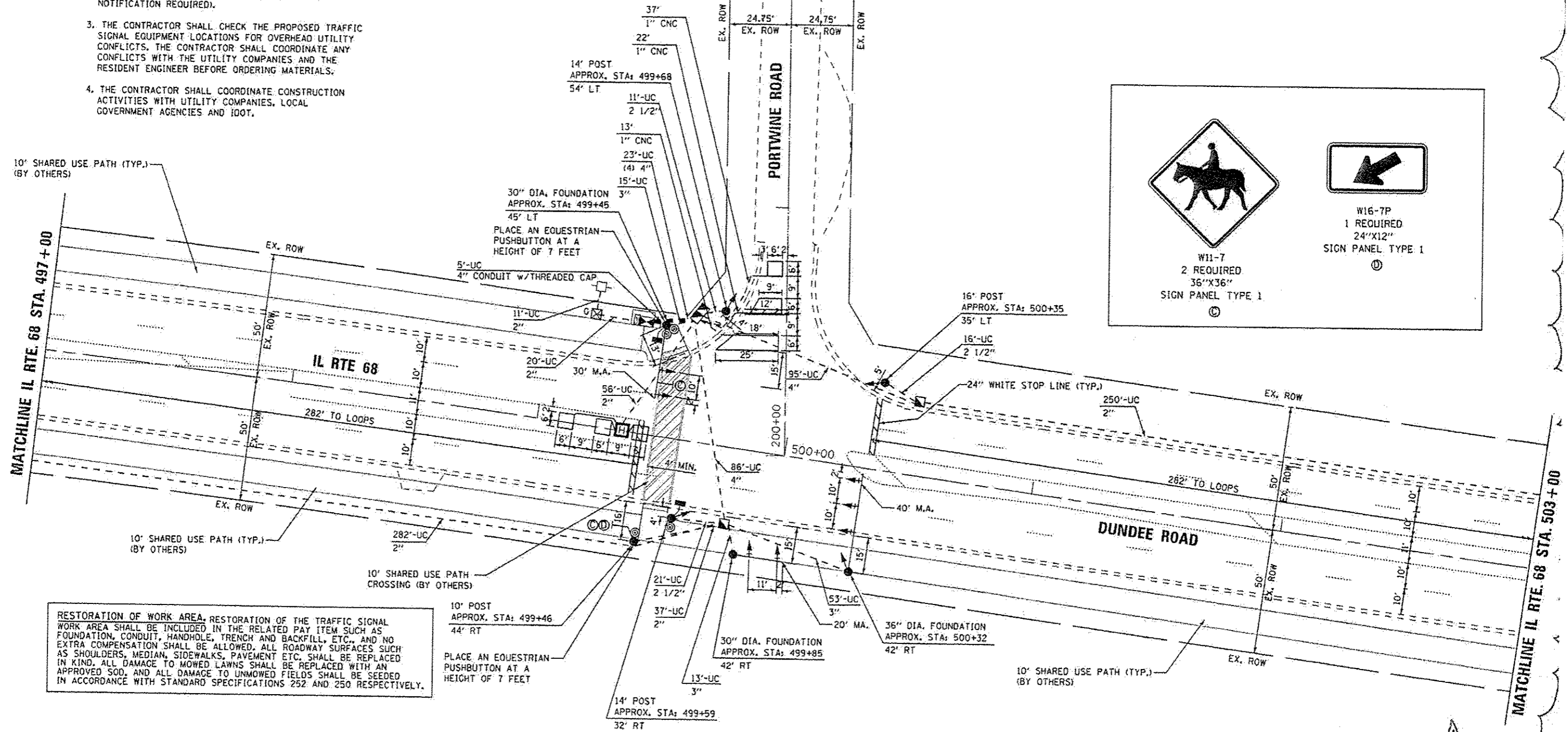
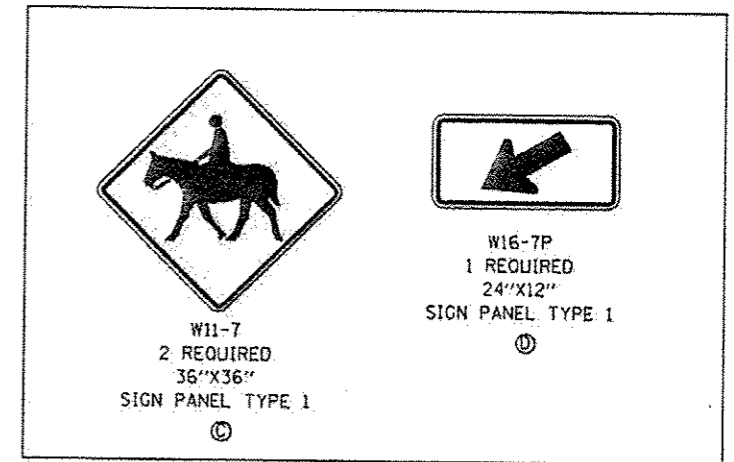
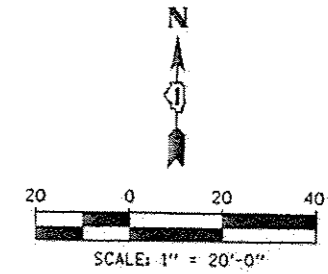


* Specialty Items

Rev. 9-4-14

GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811. IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



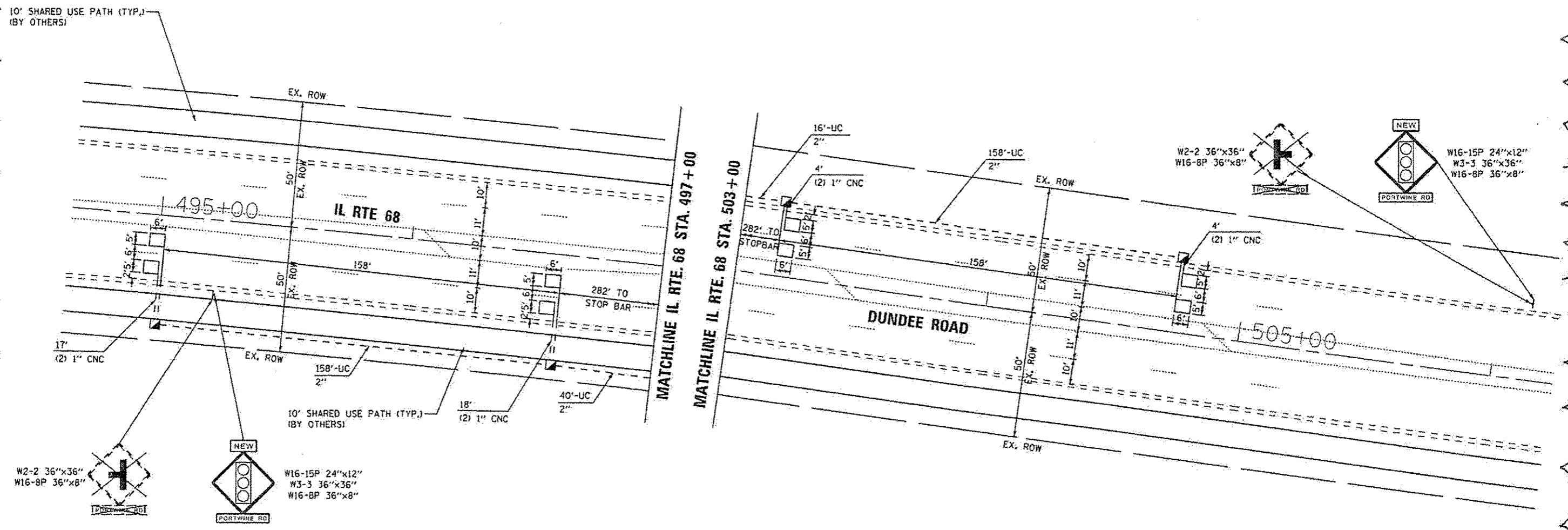
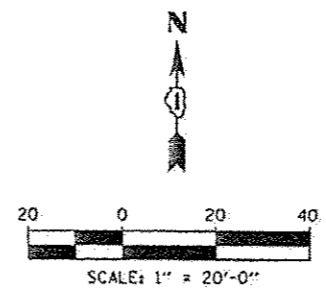
RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME =	USER NAME = USERNAME	DESIGNED - DW	REVISED - A 8/29/14 JD
\\N:\Projects\20081-2009-00 IDOT P18 148-	4113018 IL68 @ Portwine Rd\Design\CD\Sheet	DRAMA\14-TS-IL68-PORT&WE.dgn	REVISED -
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	PLOT DATE = 8/29/14	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
 ILLINOIS ROUTE 68 (DUNDEE ROAD) AND PORTWINE ROAD
 SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1618TS	COOK	16	13
CONTRACT NO. 60X14			ILLINOIS FED. AID PROJECT	

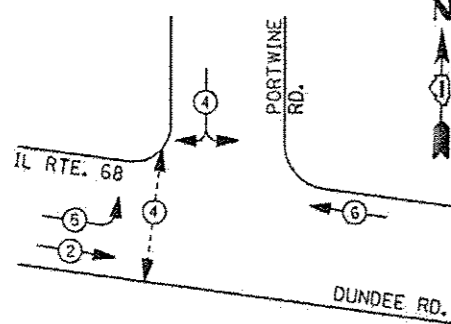


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- SIGN LEGEND:**
- EX GROUND MOUNTED SIGN
 - PR GROUND MOUNTED SIGN
 - EX SIGN PANEL TO BE REMOVED
 - PROPOSED SIGN PANEL

FILE NAME MAP\Projects\16881-2039-20 100T P10	USER NAME 11210 IL68 @ Portwine Rd\DesignCAD\Sheet	DESIGNED - OW	REVISED - 8/29/14 JP	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN ILLINOIS ROUTE 68 (DUNDEE ROAD) AND PORTWINE ROAD			F.A. RTE.	SECTION 1618TS	COUNTY COOK	TOTAL SHEETS 16	SHEET NO. 14
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PLOT DATE = 8/29/14		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

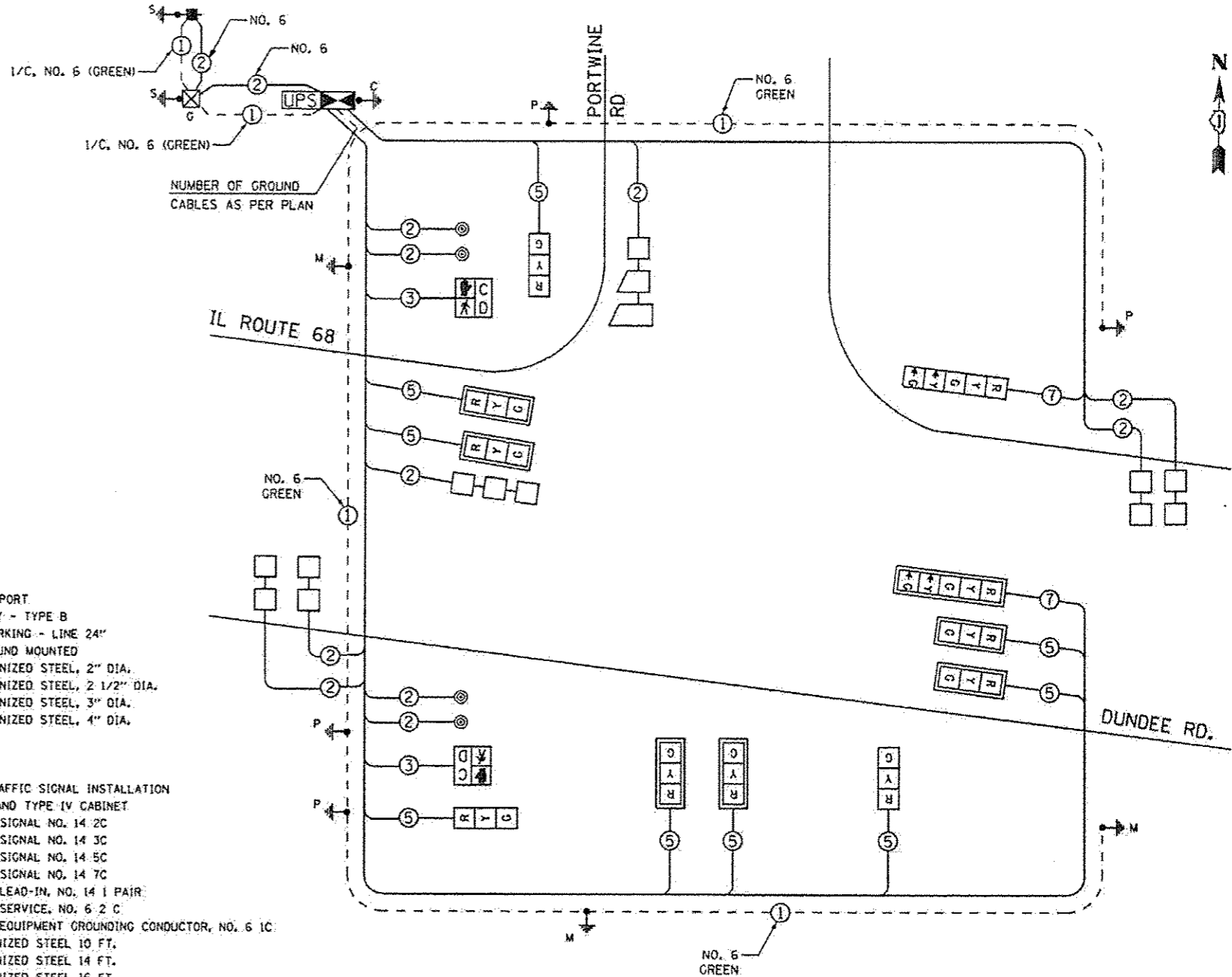
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE



SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
2	SQ FT	CHANGEABLE MESSAGE SIGN
64	SQ FT	SIGN PANEL - TYPE 1
12.5	SQ FT	SIGN PANEL - TYPE 2
38	FOOT	TELESCOPING STEEL SIGN SUPPORT
2	EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE B
73	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1,028	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
48	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
81	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
278	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
6	EACH	HANDHOLE
1	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
1	L SUM	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
481	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
246	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1,488	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
425	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2,225	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
66	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
512	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
20	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
23.5	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
13	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
7	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
6	EACH	INDUCTIVE LOOP DETECTOR
468	FOOT	DETECTOR LOOP, TYPE I
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
51	SQ FT	TEMPORARY INFORMATION SIGNING

CABLE PLAN

I. D. O. T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	11		17	0.50	94
(YELLOW)	11		25	0.25	69
(GREEN)	11		15	0.25	42
ARROW	4		12	0.10	5
RED. SIGNAL	2		25	1.00	50
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	--
VIDEO SYSTEM	--			1.00	--
FLASHER LED					
TOTAL =					360

ENERGY COSTS- BILLED TO: 100T DISTRICT 1
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196-1096
 ENERGY SUPPLY - CONTACT TERRI BLECK
 PHONE 847-816-5239
 COMMONWEALTH EDISON

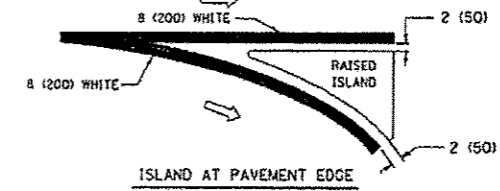
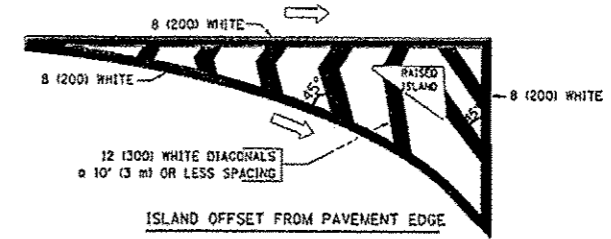
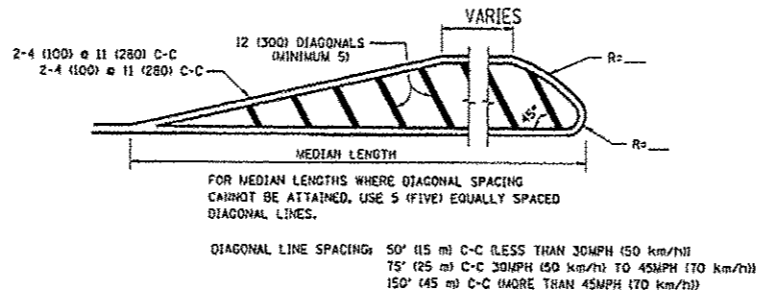
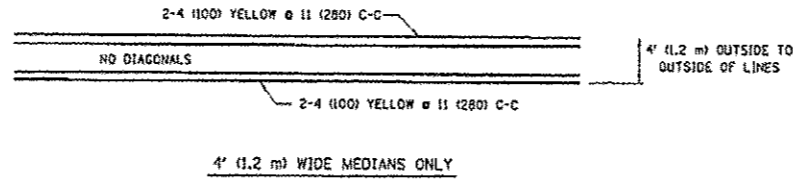
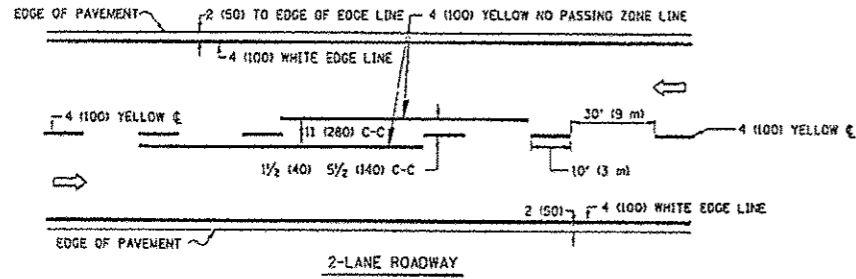
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

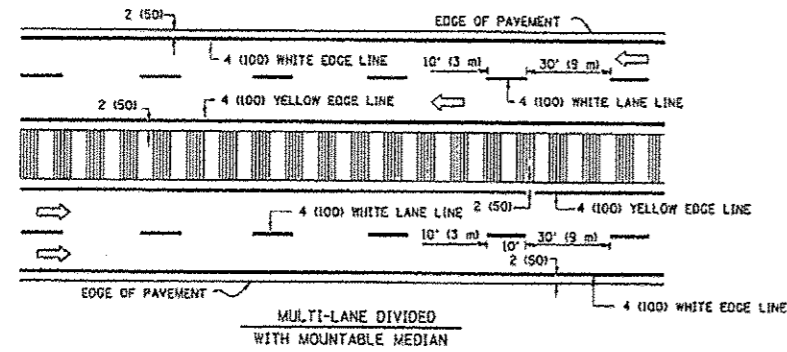
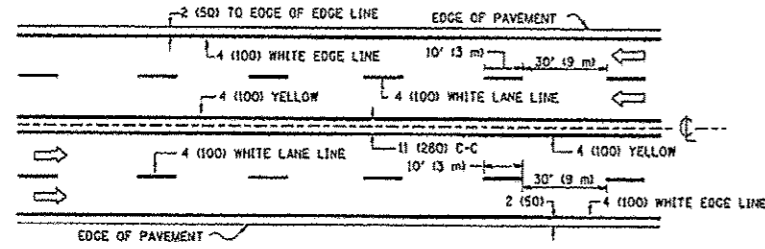
IL ROUTE 68 (DUNDEE ROAD) AND PORTWINE ROAD
 CABLE PLAN, SCHEDULE OF QUANTITIES & PHASE DESIGNATION DIAGRAM
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	161BTS	COOK	16	15
				CONTRACT NO. 60X14
ILLINOIS FED. AID PROJECT				

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOG, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

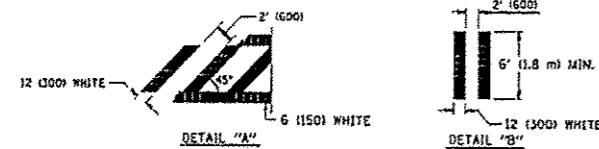
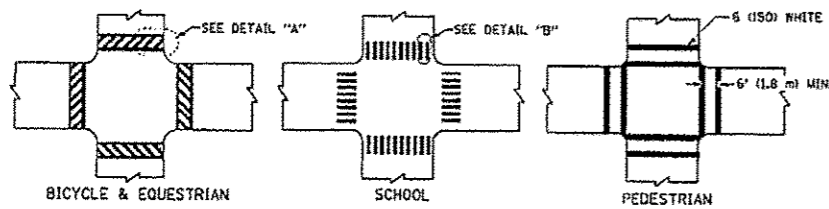


TYPICAL ISLAND MARKING

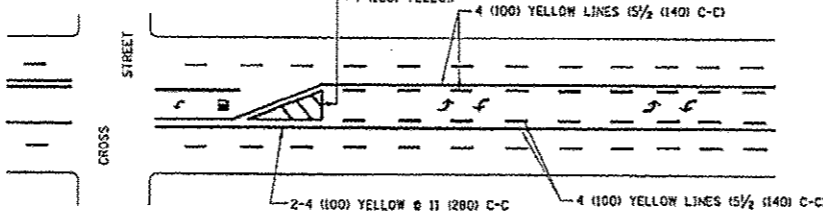


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

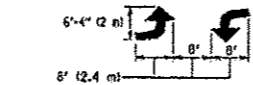
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

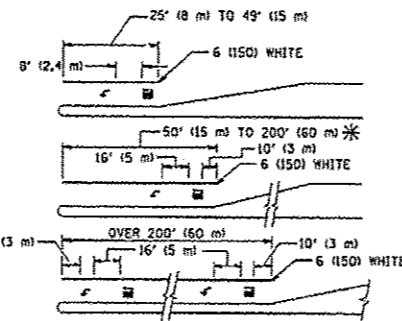


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY"

TYPICAL LEFT (OR RIGHT) TURN LANE

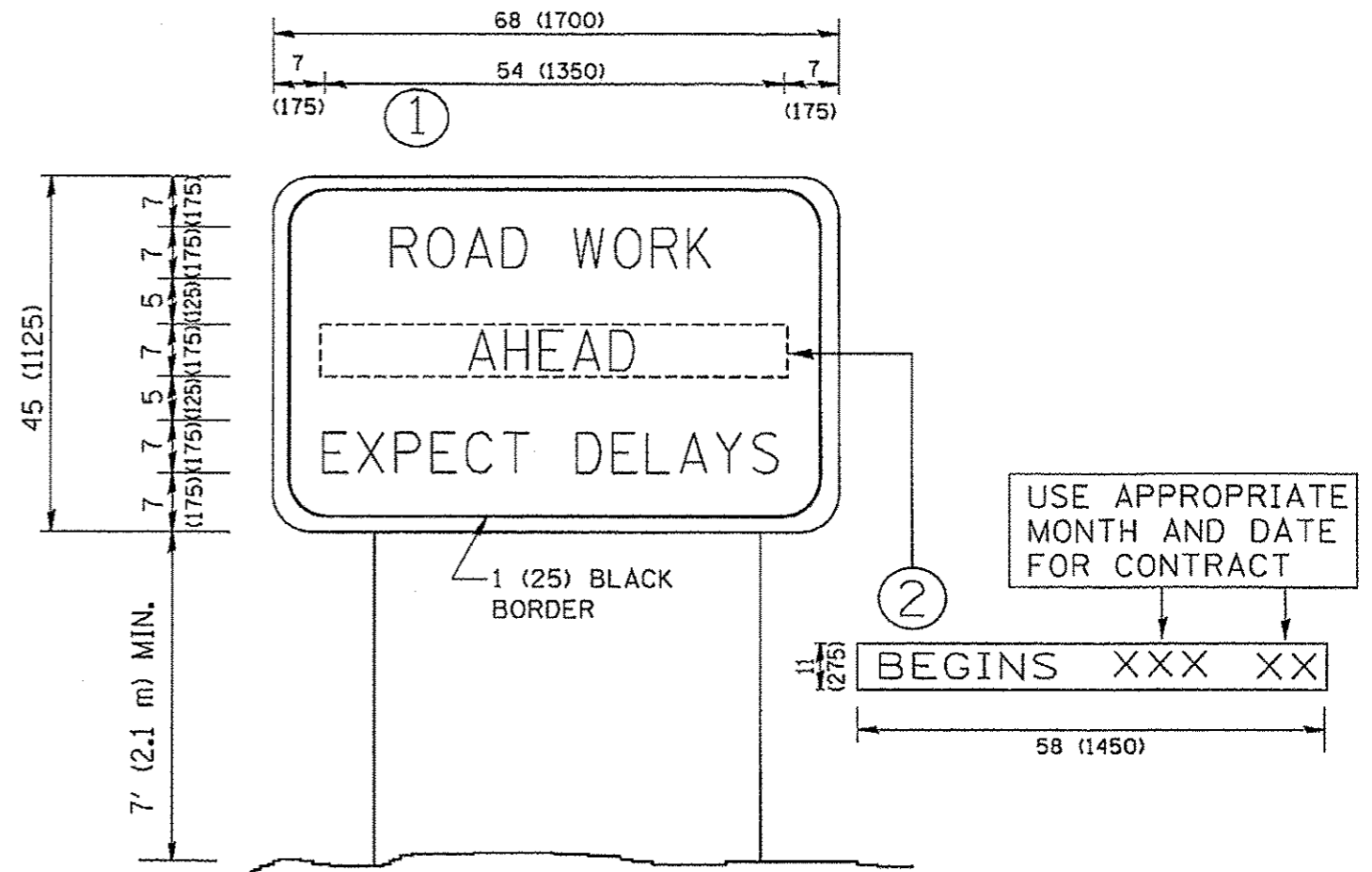
TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 30' (9 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME *	USER NAME * #USER#	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE - TYPICAL PAVEMENT MARKINGSDetails	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\Projects\210001-2039-00 1001 PTB 148	413818 IL68 @ Portwine Rd\Design\CAD\Sheet	10RAN14.1001 DETAIL (D13.dgn)	REVISED -				1618TS	COOK	10	16A
PLOT SCALE * #SCALE#	CHECKED - KMM	REVISIED -	REVISIED -			SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60X14
PLOT DATE * 8/19/2014	DATE -	REVISIED -	REVISIED -			[ILLINOIS] FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME *	USER NAME * #USER*	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NA\Projects\200801-2009-08 1007 PTB 148	113810 IL68 & Portvina Rd\Design\CAD\Sheet	DRAMON14.1007 DETAIL.DWG	REVISED -				1618T5	COOK	16	166
PLOT SCALE * \$SCALE*	CHECKED - KMM	REVISED -				SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60X14
PLOT DATE * 8/19/2014	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				