

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 62R69	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

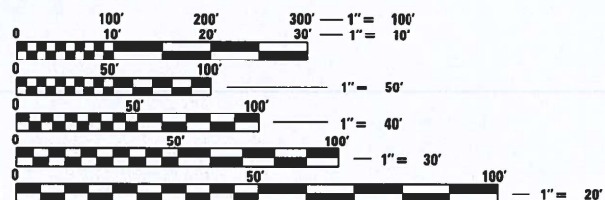
THIS PROJECT IS LOCATED IN THE CITY OF COUNTRY CLUB HILLS, VILLAGE OF TINLEY PARK, AND UNINCORPORATED COOK COUNTY

TRAFFIC DATA:
2022 ADT = 13,800

POSTED SPEED LIMIT: 30-50 MPH
FROM OAK PARK AVE TO RIDGELAND AVE = 40 MPH
FROM RIDGELAND AVE TO I-57 = 50 MPH
FROM I-57 TO MARYCREST DR = 40 MPH
FROM MARYCREST DR TO IL 50 (CICERO AVE) = 30 MPH

**PROPOSED
HIGHWAY PLANS**
FAU ROUTE 1622: 183RD STREET
OAK PARK AVE TO IL 50 (CICERO AVE)
SECTION: FAU 1622 22 RESURFACE
PROJECT: STP-FHVV(566)
SMART OVERLAY, ADA IMPROVEMENTS,
MILLED RUMBLE STRIPS
COOK COUNTY

DESIGN DESIGNATION:
MINOR ARTERIAL



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 EXCAVATORS
1-800-892-0123
OR 811

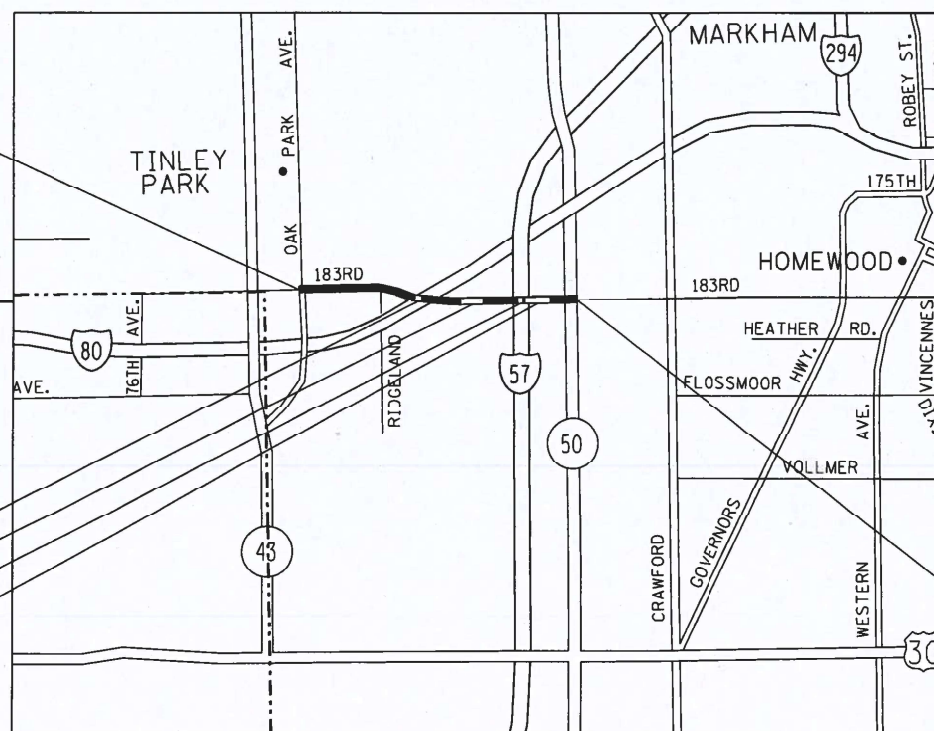
PROJECT ENGINEER: LUKASZ POCIECHA (847) 705-4255
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62R69

C-91-219-22
R 13 E

PROJECT BEGINS
STATION 32+12

RESURFACING OMISSION(S)
STA. 90+54 TO 93+79
STA. 114+42 TO 125+87
STA. 144+16 TO 146+48
STA. 147+78 TO 161+15

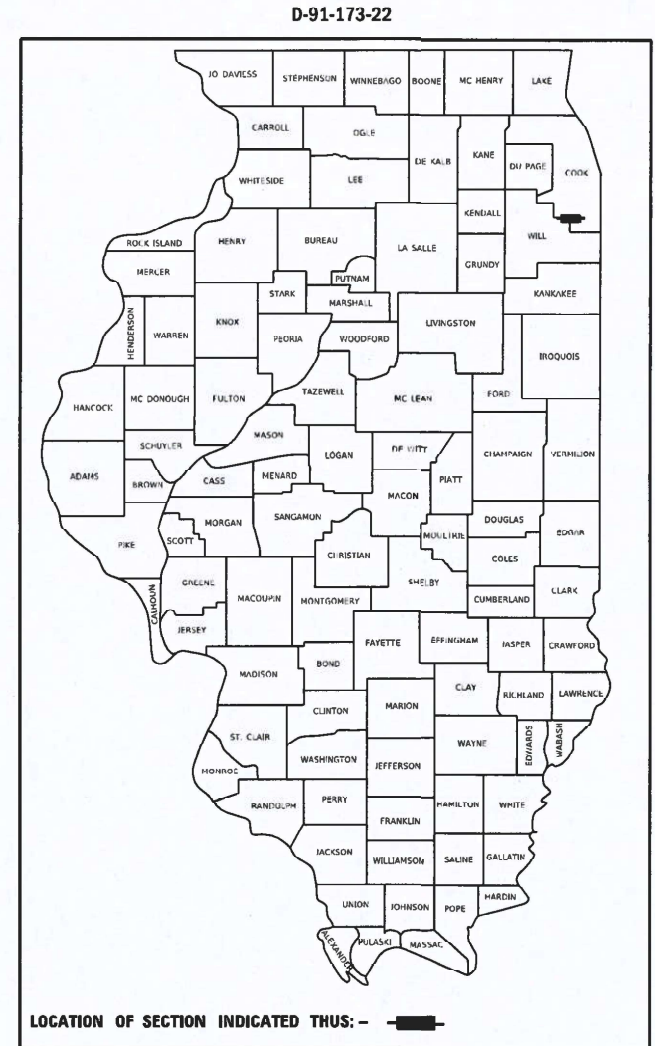


RICH AND BREMEN TOWNSHIPS

GROSS LENGTH = 13961 FT. = 2.64 MILE
NET LENGTH = 10921 FT. = 2.07 MILE



PROJECT ENDS
STATION 171+73



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED Jan 26 2024
Jacek R... IR
REGIONAL ENGINEER
March 22, 2024
S... A...
ENGINEER OF DESIGN AND ENVIRONMENT
March 22, 2024
Steph... M...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
3-7	SUMMARY OF QUANTITIES	442201-03	CLASS C AND D PATCHES
8-11	EXISTING AND PROPOSED TYPICAL SECTIONS	606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
12-16	ROADWAY PLANS	630001-12	STEEL PLATE BEAM GUARDRAIL
17-22	TRAFFIC SIGNAL PLANS	635001-02	DELINEATORS
23	PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH TURNING SPACE (PD-04)	701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
24	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)	701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
25	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
26	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
27	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
28	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)	701306-04	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
29	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL. (BD-34)	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
30	RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY (BD-55)	701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
31	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
32	TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
33	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701502-09	URBAN LANE CLOSURE, 2L, 2W, W/ BIDIRECTIONAL LEFT TURN LANE
34	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
35	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
36	ARTERIAL ROAD INFORMATION SIGN (TC-22)	701901-09	TRAFFIC CONTROL DEVICES
37	DRIVEWAY ENTRANCE SIGNING (TC-26)	780001-05	TYPICAL PAVEMENT MARKINGS
38	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)	781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
		782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
		886001-01	DETECTOR LOOP INSTALLATIONS
		886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (or TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (or ISTHA).
- ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
- SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL DELIVER THE RECORD TO THE ENGINEER.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT PATRICE HARRIS, AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA.
- THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS.
- THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD, FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)**

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA. TO STA.
F.A.U. RTE. 1622	SECTION FAU 1622 22 RESURFACE	COUNTY COOK	TOTAL SHEETS 38	SHEET NO. 2
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE		
20200100	EARTH EXCAVATION	CU YD	100	100				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	39	39				
25200110	SODDING, SALT TOLERANT	SO YD	39	39				
25200200	SUPPLEMENTAL WATERING	UNIT	5	5				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	1151	1151				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1108	1108				
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SO YD	43	43				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20148	20148				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	15746	15746				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	68	68				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	398	398				
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SO YD	900	900				
							* SPECIALTY ITEMS	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4, 75, N50	TON	555	555				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	3761	3761				
42001300	PROTECTIVE COAT	SO YD	40	40				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	131	131				
42400800	DETECTABLE WARNINGS	SO FT	20	20				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	35344	35344				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1853	1853				
44000600	SIDEWALK REMOVAL	SO FT	131	131				
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SO FT	5253	5253				
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	251	251				
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	300	300				
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	143	143				
							* SPECIALTY ITEMS	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	3
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62R69	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	386	386				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5				
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1				
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50				
* 63200310	GUARDRAIL REMOVAL	FOOT	50	50				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	100	100				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4				
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	4				
								* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE		
67100100	MOBILIZATION	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	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				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10532	10532				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	5266	5266				
								* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	4
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				TOTAL QUANTITIES URBAN	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE				CODE NO	ITEM		UNIT	0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	242	242				* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	903	903				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	41643	41643				* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1004	1004				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	903	903				* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1843	1843				
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1004	1004				* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	319	319				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1843	1843				* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2227	2227				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	319	319				* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	115	115				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	5266	5266				* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	420	420				
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	242	242				* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	2	2				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	37491	37491				78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	420	420				
								78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	17723	17723				
							* SPECIALTY ITEMS								* SPECIALTY ITEMS	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	5
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	60	60				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	219	219				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	86	86				
* 87900200	DRILL EXISTING HANDHOLE	EACH	2	2				
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	787	787				
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	544	544				
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	209	209				
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	3	3				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
			* SPECIALTY ITEMS					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0021 80% FED 20% STATE	0005 100% STATE		
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	3765	3765				
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2	2				
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	191	191				
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	893	893				
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	30	30				
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	123	123				
X4403800	MEDIAN SURFACE REMOVAL	SO FT	7487	7487				
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	300		300			
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12				
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	4153	4153				
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10	10				
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8	8				
			* SPECIALTY ITEMS					

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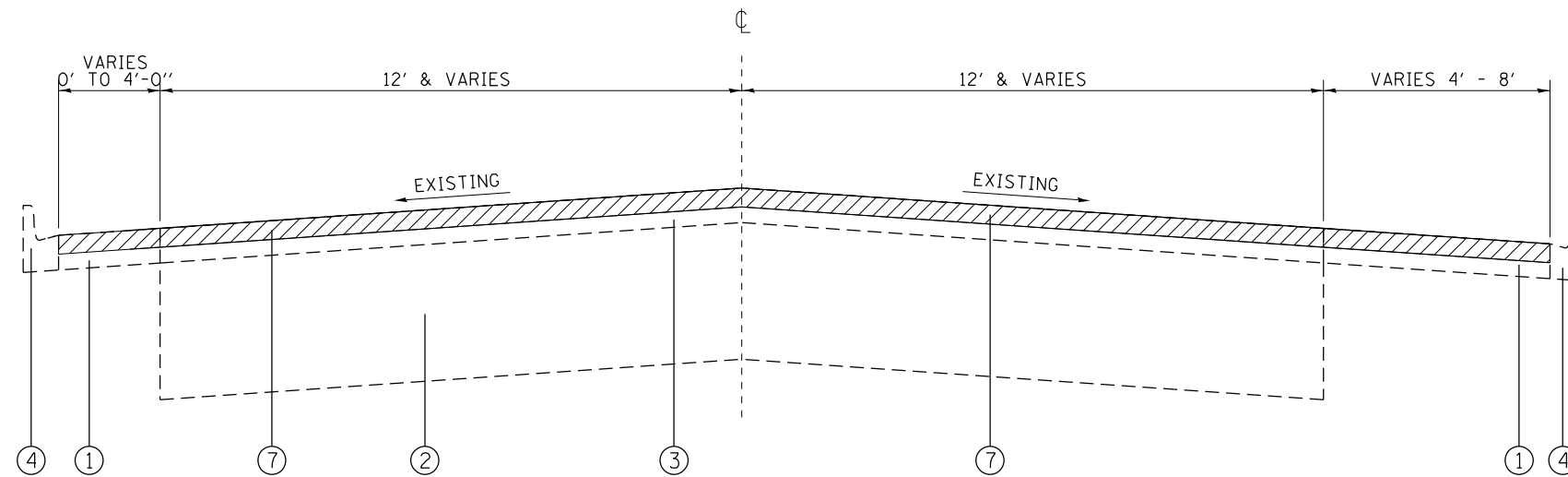
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

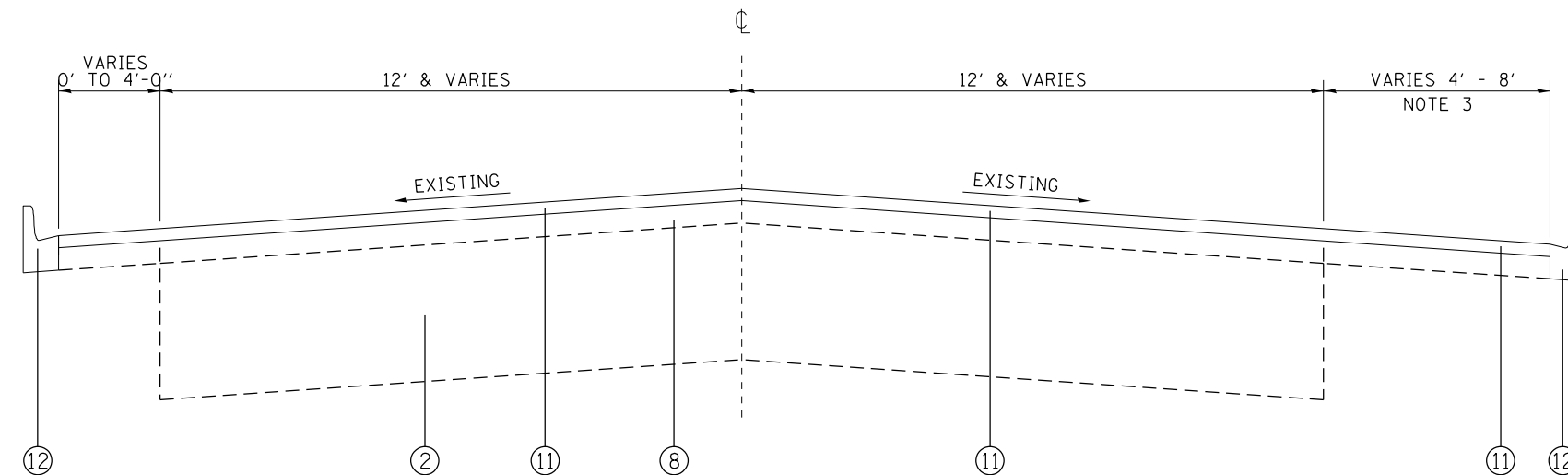
**SUMMARY OF QUANTITIES
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	6
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 62R69				

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.



183RD STREET
EXISTING TYPICAL SECTION
STA. 32+12 TO STA. 56+03
STA. 60+72 TO STA. 63+17
STA. 66+84 TO STA. 161+15
STA. 167+85 TO STA. 171+73



183RD STREET
PROPOSED TYPICAL SECTION
STA. 32+12 TO STA. 56+03
STA. 60+72 TO STA. 63+17
STA. 66+84 TO STA. 161+15
STA. 167+85 TO STA. 171+73

LEGEND

- ① EXISTING HMA SHOULDER (+/- 4'')
- ② EXISTING P.C. CONCRETE PAVEMENT (+/- 9'')
- ③ EXISTING HMA PAVEMENT (+/- 4'')
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING MOUNTABLE CORRUGATED MEDIAN
- ⑦ PROPOSED HMA SURFACE REMOVAL (1 1/2'')
- ⑧ HMA MATERIAL AFTER MILLING (+/- 2'')
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B (4'')
- ⑩ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1'')
- ⑪ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2'')
- ⑫ PROPOSED COMBINATION CONCRETE CURB AND GUTTER (DETERMINED IN FIELD BY ENGINEER)
- ⑬ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑭ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) (SEE BD-33)
- ⑮ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑰ PROPOSED COMBINATION CURB AND GUTTER REMOVAL
- ⑱ PROPOSED MEDIAN SURFACE REMOVAL, P.C. CONCRETE (+/- 4'')
- ⑲ PROPOSED MEDIAN SURFACE REMOVAL, HMA (+/- 4'')
- ⑳ PROPOSED EARTH EXCAVATION
- ㉑ PROPOSED HMA BASE COURSE (8''), WIDTH > 6 FEET
- ㉒ PROPOSED HMA BASE COURSE WIDENING (8''), WIDTH <= 6 FEET

MIXTURE USES	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
	MIXTURE TYPE	PERCENT AIR VOIDS	
PAVEMENT RESURFACING	HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2'')	4% @ 70 GYR	QCP
PAVEMENT OVERLAY (HMA OVER PCC)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2'')	4% @ 70 GYR	QCP
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1'')	3.5% @ 50 GYR	QC/QA
PATCHING	CLASS D PATCHES (HMA BINDER IL 19.0)	4% @ 70 GYR	QC/QA
MEDIAN	HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2'')	4% @ 70 GYR	QCP
	HMA BASE COURSE / BASE COURSE WIDENING (HMA BINDER IL 19.0)	4% @ 70 GYR	QC/QA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQYD/IN
2. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
3. CONCRETE CURB AND GUTTER SHOWN AT VARIOUS LOCATIONS AS SHOWN IN THE PLANS.
4. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
5. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BC IL-4.75 N50.

● THE TYPICAL-CROSS-SECTIONS ARE DRAWN NOT TO SCALE (NTS)

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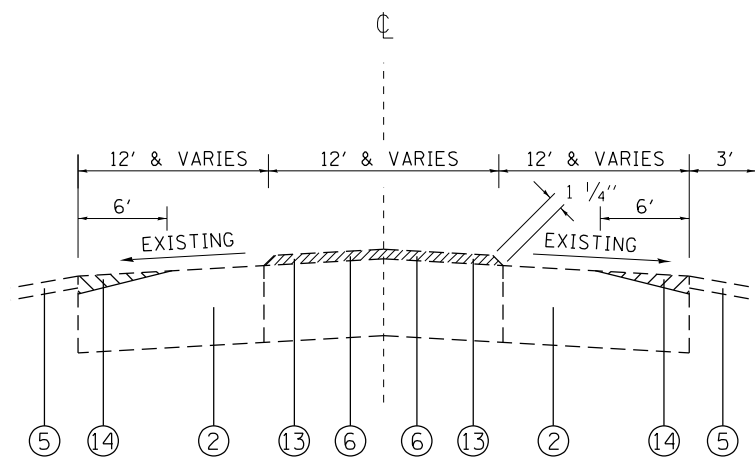
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

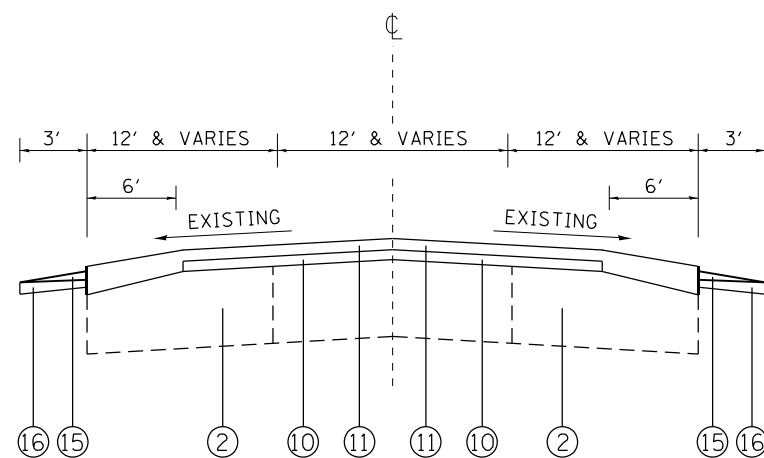
EXISTING AND PROPOSED TYPICAL SECTIONS
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	8
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



183RD STREET
EXISTING TYPICAL SECTION
STA. 161+15 TO STA. 167+85



183RD STREET
PROPOSED TYPICAL SECTION
STA. 161+15 TO STA. 167+85

LEGEND

- ① EXISTING HMA SHOULDER (+/- 4")
- ② EXISTING P.C. CONCRETE PAVEMENT (+/- 9")
- ③ EXISTING HMA PAVEMENT (+/- 4")
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING MOUNTABLE CORRUGATED MEDIAN
- ⑦ PROPOSED HMA SURFACE REMOVAL (1 1/2")
- ⑧ HMA MATERIAL AFTER MILLING (+/- 2")
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B (4")
- ⑩ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1")
- ⑪ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
- ⑫ PROPOSED COMBINATION CONCRETE CURB AND GUTTER (DETERMINED IN FIELD BY ENGINEER)
- ⑬ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑭ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) (SEE BD-33)
- ⑮ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑰ PROPOSED COMBINATION CURB AND GUTTER REMOVAL
- ⑱ PROPOSED MEDIAN SURFACE REMOVAL, P.C. CONCRETE (+/- 4 ")
- ⑲ PROPOSED MEDIAN SURFACE REMOVAL, HMA (+/- 4 ")
- ⑳ PROPOSED EARTH EXCAVATION
- ㉑ PROPOSED HMA BASE COURSE (8"), WIDTH > 6 FEET
- ㉒ PROPOSED HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FEET

● THE TYPICAL-CROSS-SECTIONS ARE DRAWN NOT TO SCALE (NTS)

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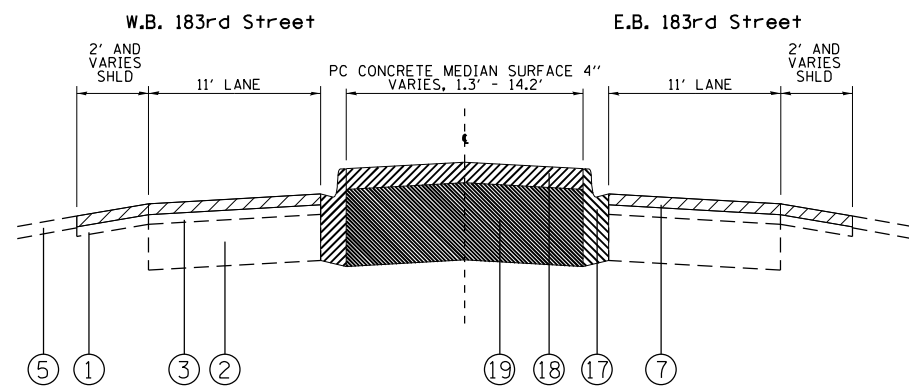
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

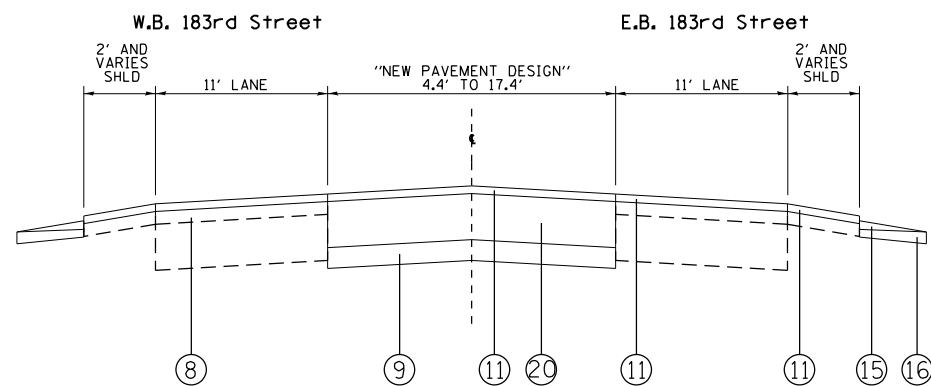
EXISTING AND PROPOSED TYPICAL SECTIONS
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R69	



183RD STREET
EXISTING TYPICAL SECTION
STA. 56+03 TO STA. 58+42
STA. 66+43 TO STA. 68+84



183RD STREET
PROPOSED TYPICAL SECTION
STA. 56+03 TO STA. 58+42
STA. 66+43 TO STA. 68+84

LEGEND

- ① EXISTING HMA SHOULDER (+/- 4")
- ② EXISTING P.C. CONCRETE PAVEMENT (+/- 9")
- ③ EXISTING HMA PAVEMENT (+/- 4")
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING MOUNTABLE CORRUGATED MEDIAN
- ⑦ PROPOSED HMA SURFACE REMOVAL (1 1/2")
- ⑧ HMA MATERIAL AFTER MILLING (+/- 2")
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B (4")
- ⑩ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1")
- ⑪ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
- ⑫ PROPOSED COMBINATION CONCRETE CURB AND GUTTER (DETERMINED IN FIELD BY ENGINEER)
- ⑬ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑭ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) (SEE BD-33)
- ⑮ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑰ PROPOSED COMBINATION CURB AND GUTTER REMOVAL
- ⑱ PROPOSED MEDIAN SURFACE REMOVAL, P.C. CONCRETE (+/- 4 ")
PROPOSED MEDIAN SURFACE REMOVAL, HMA (+/- 4 ")
- ⑲ PROPOSED EARTH EXCAVATION
- ⑳ PROPOSED HMA BASE COURSE (8"), WIDTH > 6 FEET
PROPOSED HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FEET

● THE TYPICAL-CROSS-SECTIONS ARE DRAWN NOT TO SCALE (NTS)

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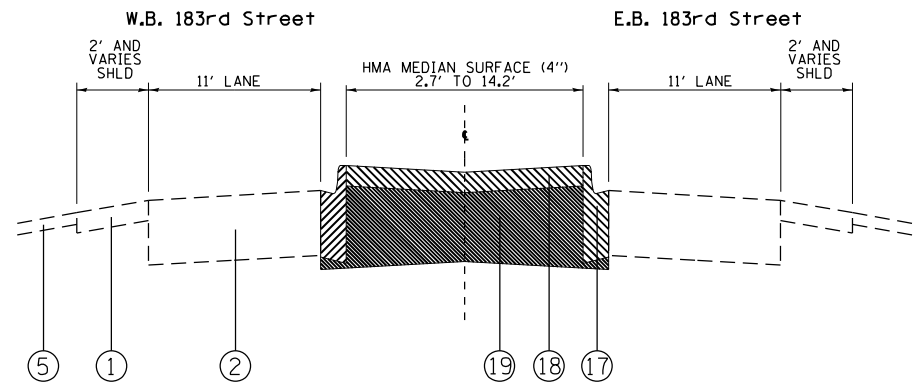
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

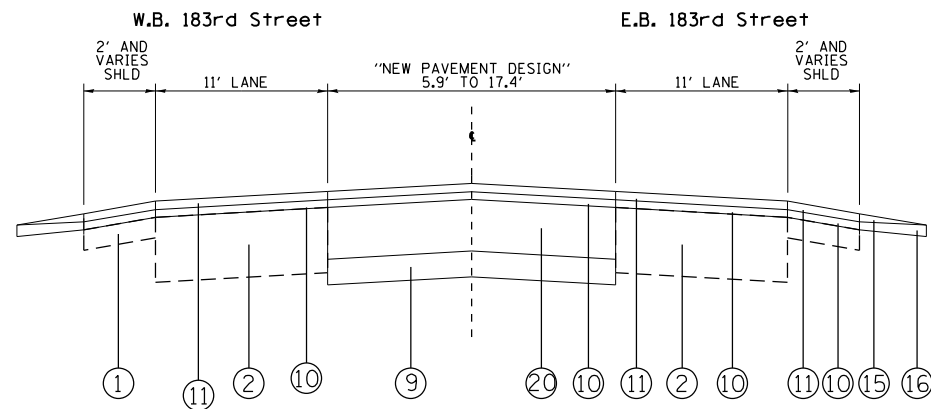
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	10
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



183RD STREET
EXISTING TYPICAL SECTION
STA. 58+42 TO STA. 60+72
STA. 64+19 TO STA. 66+43

NOTE: DRAINAGE STRUCTURES AT
APPROX. STA. 59+60.00
APPROX. STA. 65+20.00



183RD STREET
EXISTING TYPICAL SECTION
STA. 58+42 TO STA. 60+72
STA. 64+19 TO STA. 66+43

NOTE: DRAINAGE STRUCTURES AT
APPROX. STA. 59+60.00
APPROX. STA. 65+20.00

LEGEND

- ① EXISTING HMA SHOULDER (+/- 4")
- ② EXISTING P.C. CONCRETE PAVEMENT (+/- 9")
- ③ EXISTING HMA PAVEMENT (+/- 4")
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING MOUNTABLE CORRUGATED MEDIAN
- ⑦ PROPOSED HMA SURFACE REMOVAL (1 1/2")
- ⑧ HMA MATERIAL AFTER MILLING (+/- 2")
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B (4")
- ⑩ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1")
- ⑪ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
- ⑫ PROPOSED COMBINATION CONCRETE CURB AND GUTTER (DETERMINED IN FIELD BY ENGINEER)
- ⑬ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑭ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) (SEE BD-33)
- ⑮ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑯ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑰ PROPOSED COMBINATION CURB AND GUTTER REMOVAL
- ⑱ PROPOSED MEDIAN SURFACE REMOVAL, P.C. CONCRETE (+/- 4 ")
PROPOSED MEDIAN SURFACE REMOVAL, HMA (+/- 4 ")
- ⑲ PROPOSED EARTH EXCAVATION
- ⑳ PROPOSED HMA BASE COURSE (8"), WIDTH > 6 FEET
PROPOSED HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FEET

● THE TYPICAL-CROSS-SECTIONS ARE DRAWN NOT TO SCALE (NTS)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

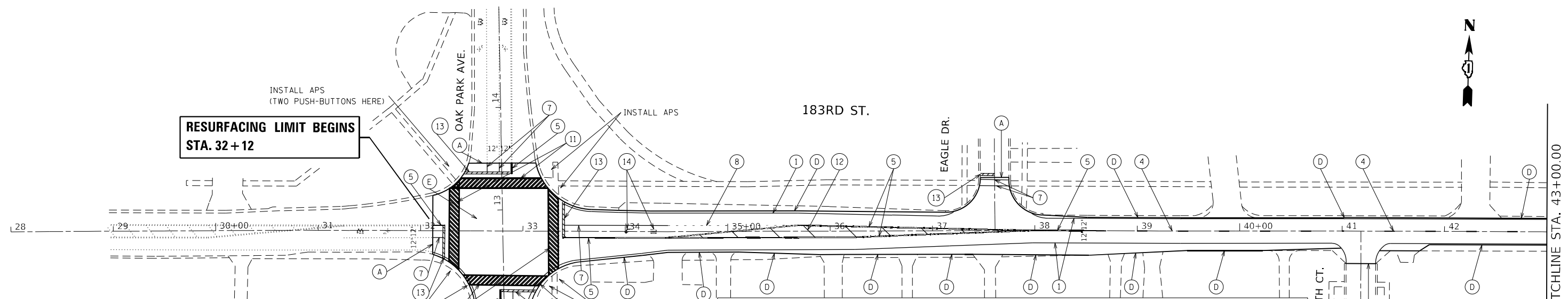
EXISTING AND PROPOSED TYPICAL SECTIONS
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	11
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**RESURFACING LIMIT BEGINS
STA. 32+12**



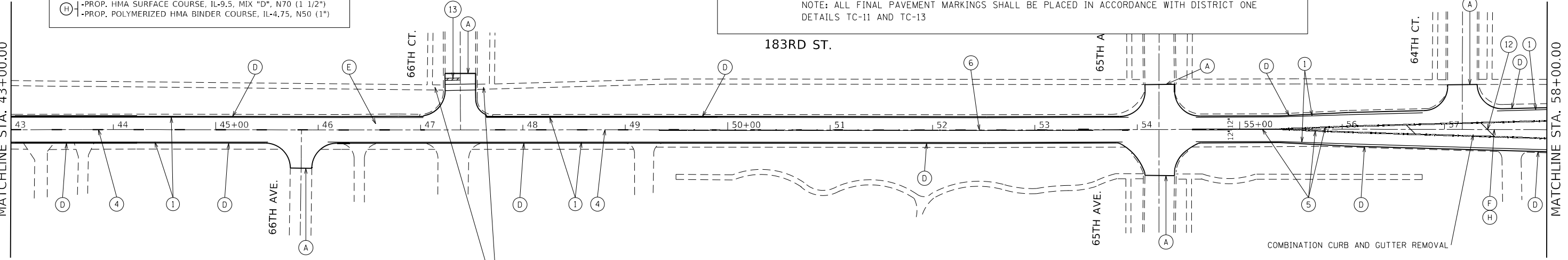
PROPOSED ROADWAY LEGEND

(A)	PROP. HMA SURFACE REMOVAL - BUTT JOINT (TYP.)
(B)	PROP. PCC SURFACE REMOVAL - BUTT JOINT (TYP.)
(C)	PROP. CENTERLINE RUMBLE STRIP - 16"
(D)	- PROP. GRADING AND SHAPING SHOULDERS - PROP. AGGREGATE WEDGE SHOULDERS
(E)	- PROP. HMA SURFACE REMOVAL (1 1/2") - PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
(F)	- PROP. MEDIAN SURFACE REMOVAL, P.C. Concrete (+/- 4") - PROP. EARTH EXCAVATION - PROP. SUBBASE GRANULAR MATERIAL TYPE B (4") - PROP. HMA BASE COURSE (8"), WIDTH > 6 FT - PROP. HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FT
(G)	- PROP. MEDIAN SURFACE REMOVAL, HMA (+/- 4") - PROP. EARTH EXCAVATION - PROP. SUBBASE GRANULAR MATERIAL TYPE B (4") - PROP. HMA BASE COURSE (8"), WIDTH > 6 FT - PROP. HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FT
(H)	- PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2") - PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1")

PAVEMENT MARKING LEGEND

(1)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", WHITE (TYP.)	(11)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", WHITE (TYP.)
(2)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)	(12)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
(3)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", YELLOW (TYP.)	(13)	PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
(4)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)	(14)	PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)
(5)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)	(15)	PROP. URETHANE PVMT MARKING LINE 4", WHITE (TYP.)
(6)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", SINGLE CONTINUOUS AND SINGLE 10' DASH 30' SKIP, YELLOW (TYP.)	(16)	PROP. URETHANE PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(7)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", TURN LANE / CROSS WALK, WHITE (TYP.)	(17)	PROP. URETHANE PVMT MARKING LINE 12", DIAGONALS, WHITE (TYP.)
(8)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)	(18)	PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(9)	PROP. THERMOPLASTIC PVMT MARKING LINE 8" WHITE (TYP.)	(19)	PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)
(10)	PROP. THERMOPLASTIC PVMT MARKING LINE 8", 2' DASH 6' SKIP, WHITE (TYP.)	(20)	PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", SINGLE CONTINUOUS AND SINGLE 10' DASH 30' SKIP, YELLOW (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



PROP. CURB RAMP IMPROVEMENT
REMOVE AND REPLACE DETECTABLE WARNING
- DETECTABLE WARNINGS (2x)
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- CURB AND GUTTER



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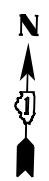
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 32+12 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	12
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

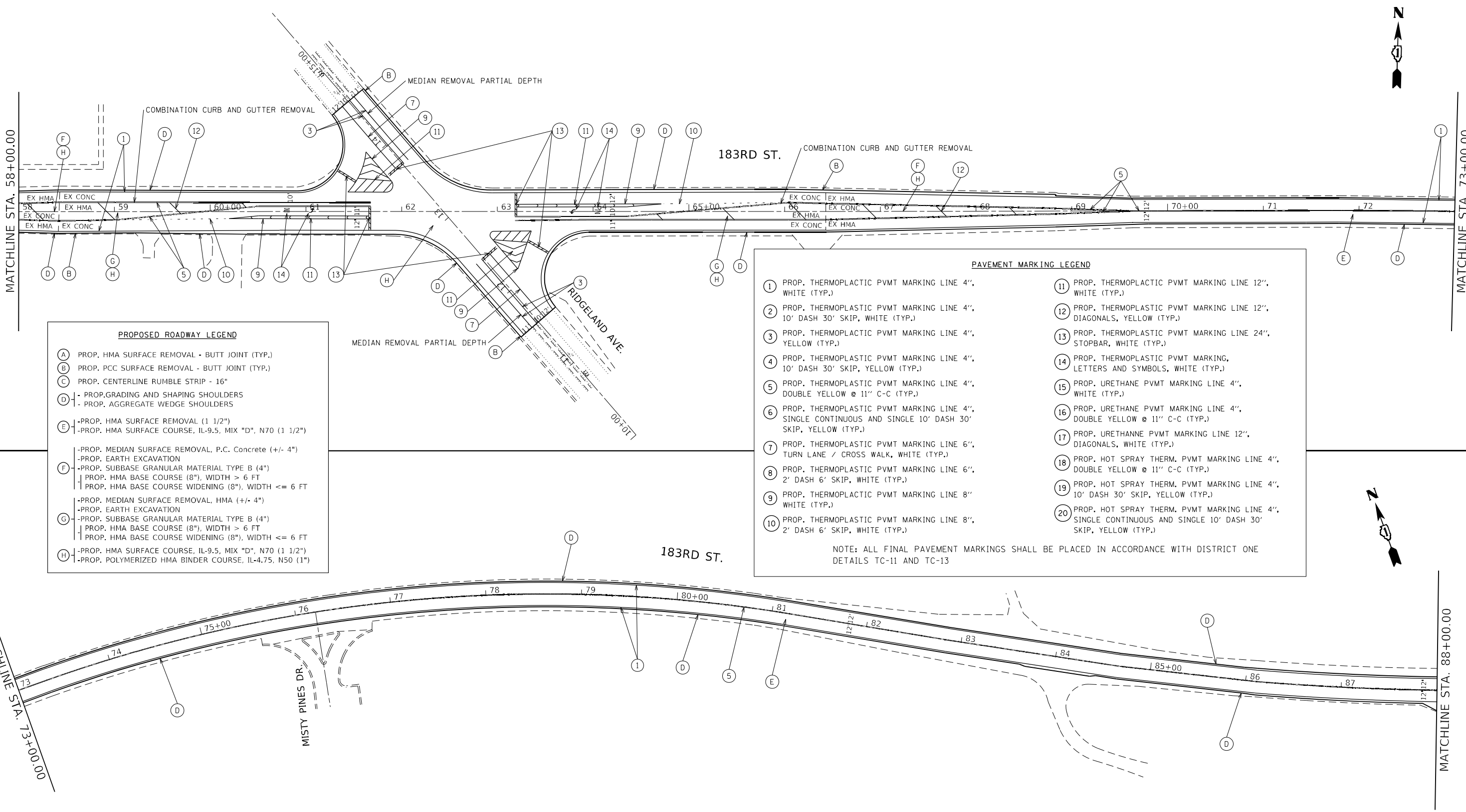


MATCHLINE STA. 58+00.00

MATCHLINE STA. 73+00.00

MATCHLINE STA. 73+00.00

MATCHLINE STA. 88+00.00



PROPOSED ROADWAY LEGEND

- (A) PROP. HMA SURFACE REMOVAL - BUTT JOINT (TYP.)
- (B) PROP. PCC SURFACE REMOVAL - BUTT JOINT (TYP.)
- (C) PROP. CENTERLINE RUMBLE STRIP - 16"
- (D) - PROP. GRADING AND SHAPING SHOULDERS
- PROP. AGGREGATE WEDGE SHOULDERS
- (E) - PROP. HMA SURFACE REMOVAL (1 1/2")
- PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
- (F) - PROP. MEDIAN SURFACE REMOVAL, P.C. Concrete (+/- 4")
- PROP. EARTH EXCAVATION
- PROP. SUBBASE GRANULAR MATERIAL TYPE B (4")
- PROP. HMA BASE COURSE (8"), WIDTH > 6 FT
- PROP. HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FT
- (G) - PROP. MEDIAN SURFACE REMOVAL, HMA (+/- 4")
- PROP. EARTH EXCAVATION
- PROP. SUBBASE GRANULAR MATERIAL TYPE B (4")
- PROP. HMA BASE COURSE (8"), WIDTH > 6 FT
- PROP. HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FT
- (H) - PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
- PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1")

PAVEMENT MARKING LEGEND

- (1) PROP. THERMOPLASTIC PVMT MARKING LINE 4", WHITE (TYP.)
- (2) PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
- (3) PROP. THERMOPLASTIC PVMT MARKING LINE 4", YELLOW (TYP.)
- (4) PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)
- (5) PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
- (6) PROP. THERMOPLASTIC PVMT MARKING LINE 4", SINGLE CONTINUOUS AND SINGLE 10' DASH 30' SKIP, YELLOW (TYP.)
- (7) PROP. THERMOPLASTIC PVMT MARKING LINE 6", TURN LANE / CROSS WALK, WHITE (TYP.)
- (8) PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
- (9) PROP. THERMOPLASTIC PVMT MARKING LINE 8" WHITE (TYP.)
- (10) PROP. THERMOPLASTIC PVMT MARKING LINE 8", 2' DASH 6' SKIP, WHITE (TYP.)
- (11) PROP. THERMOPLASTIC PVMT MARKING LINE 12", WHITE (TYP.)
- (12) PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
- (13) PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
- (14) PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)
- (15) PROP. URETHANE PVMT MARKING LINE 4", WHITE (TYP.)
- (16) PROP. URETHANE PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
- (17) PROP. URETHANE PVMT MARKING LINE 12", DIAGONALS, WHITE (TYP.)
- (18) PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
- (19) PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)
- (20) PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", SINGLE CONTINUOUS AND SINGLE 10' DASH 30' SKIP, YELLOW (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

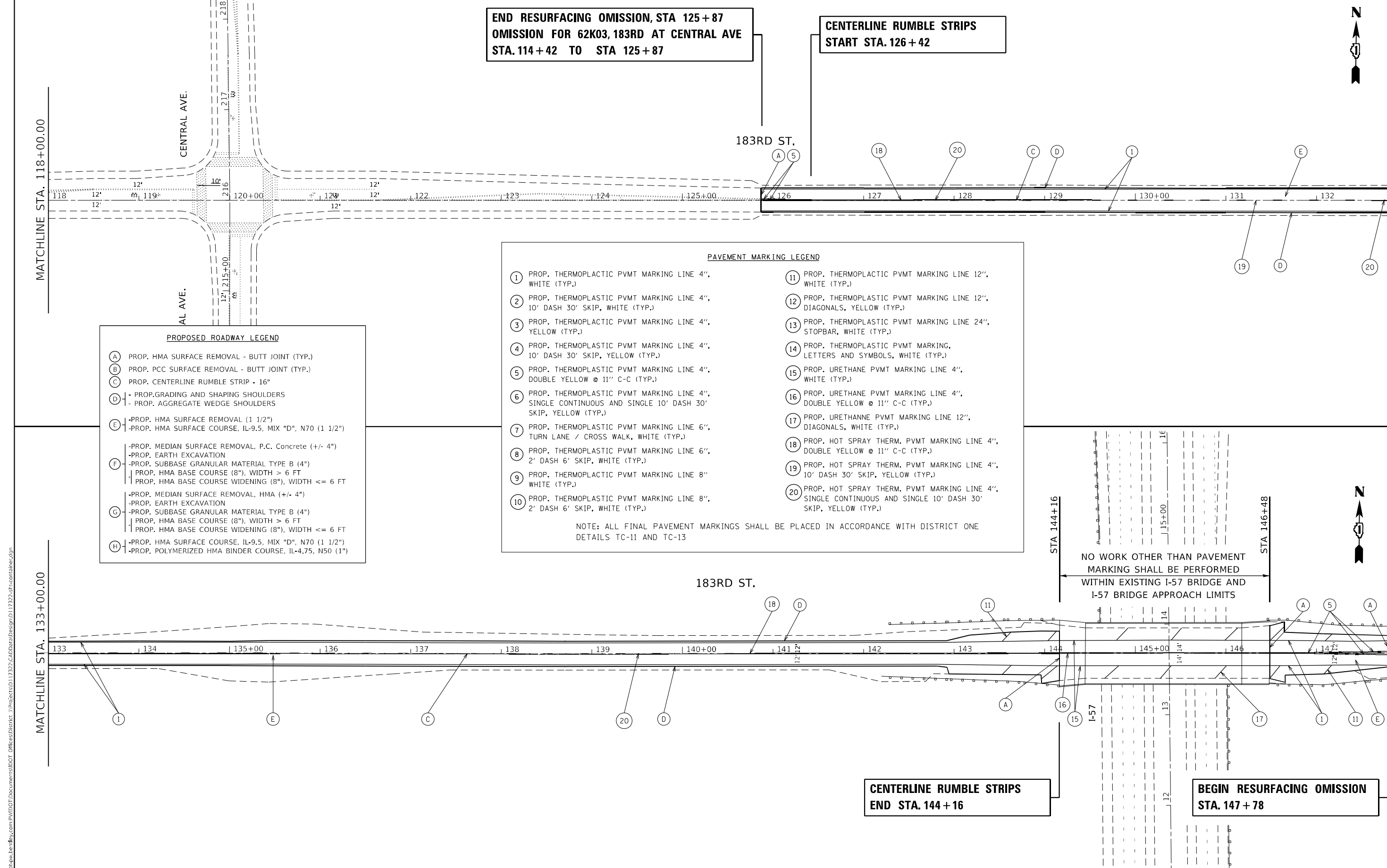
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)			
SCALE: 1"=50'	SHEET 2	OF 5 SHEETS	STA. 58+00 TO STA. 88+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	13
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**END RESURFACING OMISSION, STA 125+87
OMISSION FOR 62K03, 183RD AT CENTRAL AVE
STA. 114+42 TO STA 125+87**

**CENTERLINE RUMBLE STRIPS
START STA. 126+42**

- PROPOSED ROADWAY LEGEND**
- (A) PROP. HMA SURFACE REMOVAL - BUTT JOINT (TYP.)
 - (B) PROP. PCC SURFACE REMOVAL - BUTT JOINT (TYP.)
 - (C) PROP. CENTERLINE RUMBLE STRIP - 16"
 - (D) -PROP. GRADING AND SHAPING SHOULDERS
-PROP. AGGREGATE WEDGE SHOULDERS
 - (E) -PROP. HMA SURFACE REMOVAL (1 1/2")
-PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
 - (F) -PROP. MEDIAN SURFACE REMOVAL, P.C. Concrete (+/- 4")
-PROP. EARTH EXCAVATION
-PROP. SUBBASE GRANULAR MATERIAL TYPE B (4")
-PROP. HMA BASE COURSE (8"), WIDTH > 6 FT
-PROP. HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FT
 - (G) -PROP. MEDIAN SURFACE REMOVAL, HMA (+/- 4")
-PROP. EARTH EXCAVATION
-PROP. SUBBASE GRANULAR MATERIAL TYPE B (4")
-PROP. HMA BASE COURSE (8"), WIDTH > 6 FT
-PROP. HMA BASE COURSE WIDENING (8"), WIDTH <= 6 FT
 - (H) -PROP. HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
-PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (1")

- PAVEMENT MARKING LEGEND**
- (1) PROP. THERMOPLASTIC PVMT MARKING LINE 4", WHITE (TYP.)
 - (2) PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
 - (3) PROP. THERMOPLASTIC PVMT MARKING LINE 4", YELLOW (TYP.)
 - (4) PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)
 - (5) PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
 - (6) PROP. THERMOPLASTIC PVMT MARKING LINE 4", SINGLE CONTINUOUS AND SINGLE 10' DASH 30' SKIP, YELLOW (TYP.)
 - (7) PROP. THERMOPLASTIC PVMT MARKING LINE 6", TURN LANE / CROSS WALK, WHITE (TYP.)
 - (8) PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
 - (9) PROP. THERMOPLASTIC PVMT MARKING LINE 8", WHITE (TYP.)
 - (10) PROP. THERMOPLASTIC PVMT MARKING LINE 8", 2' DASH 6' SKIP, WHITE (TYP.)
 - (11) PROP. THERMOPLASTIC PVMT MARKING LINE 12", WHITE (TYP.)
 - (12) PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
 - (13) PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
 - (14) PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)
 - (15) PROP. URETHANE PVMT MARKING LINE 4", WHITE (TYP.)
 - (16) PROP. URETHANE PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
 - (17) PROP. URETHANE PVMT MARKING LINE 12", DIAGONALS, WHITE (TYP.)
 - (18) PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
 - (19) PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)
 - (20) PROP. HOT SPRAY THERM. PVMT MARKING LINE 4", SINGLE CONTINUOUS AND SINGLE 10' DASH 30' SKIP, YELLOW (TYP.)
- NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

NO WORK OTHER THAN PAVEMENT MARKING SHALL BE PERFORMED WITHIN EXISTING I-57 BRIDGE AND I-57 BRIDGE APPROACH LIMITS

**CENTERLINE RUMBLE STRIPS
END STA. 144+16**

**BEGIN RESURFACING OMISSION
STA. 147+78**

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DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
183RD ST, OAK PARK AVE TO IL 50 (CICERO AVE)			
SCALE: 1"=50'	SHEET 4	OF 5 SHEETS	STA. 118+00 TO STA. 148+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	15
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



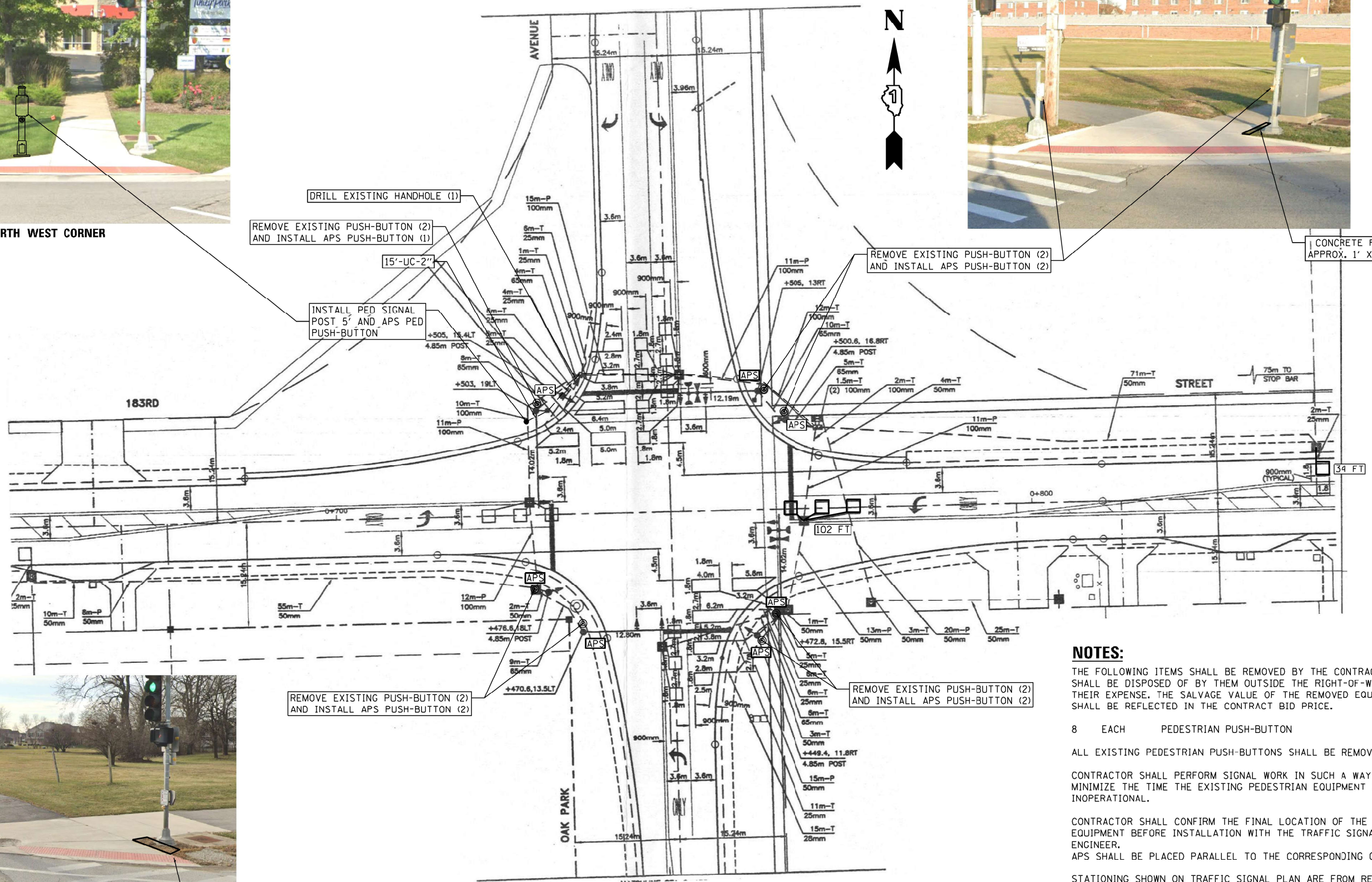
NORTH WEST CORNER



NORTH EAST CORNER



SOUTH WEST CORNER



NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 8 EACH PEDESTRIAN PUSH-BUTTON
- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED
- CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.
- STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- ONLY EAST DETECTOR LOOP TO BE REPLACED.

FILE NAME = P:\2019\ME\191018.P1B 190-002.S51.W023-022 62R69.62P92 APS Update\01-CADD\02-Shts\62R69.DXXXXX-sh-Ts.w.183rd St - Oak Park Ave.dgn
 PLOT SCALE = 2.0000 / in.
 USER NAME = jcovarrubias



USER NAME = jcovarrubias	DESIGNED - JC	REVISED -
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PLOT DATE = 9/19/2023	CHECKED - TN	REVISED -
	DATE -	REVISED -

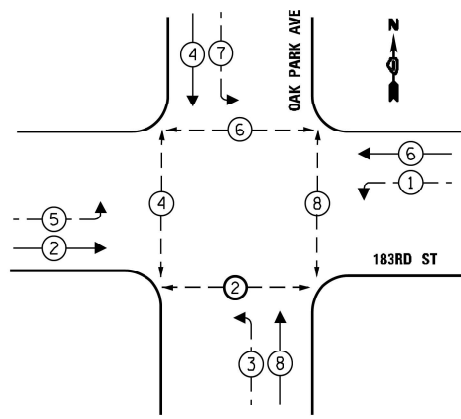
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
183RD ST AT OAK PARK AVE**

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.U. RTE. 1622	SECTION FAU 1622 22 RESURFACE	COUNTY COOK	TOTAL SHEETS 38	SHEET NO. 17
			CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

TS-2256
ECON-171

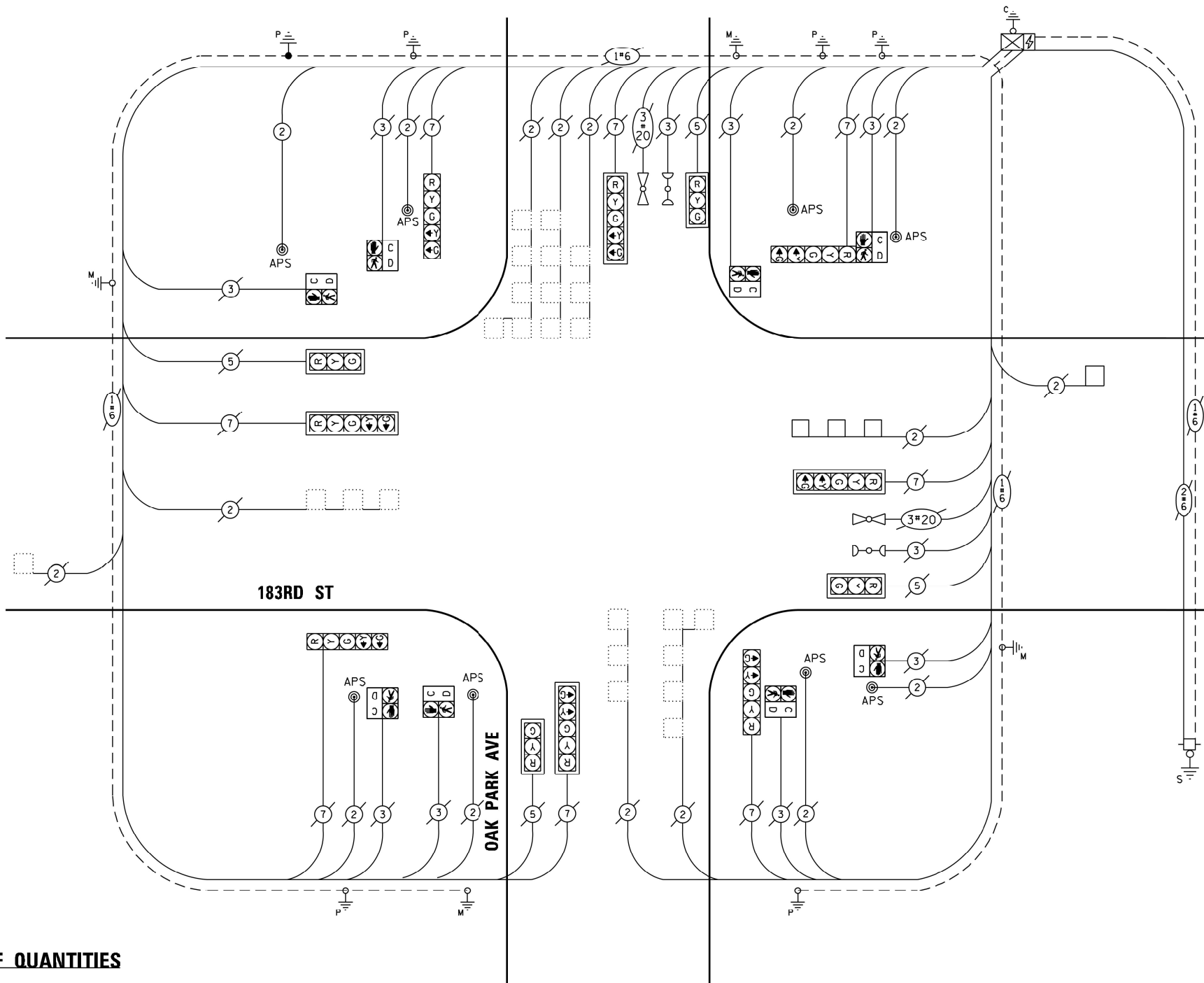
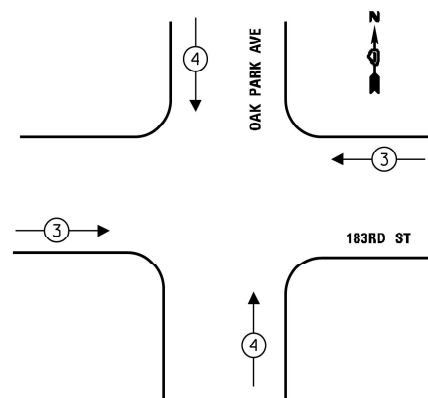
CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	0.5	66.0
SIGNAL (YELLOW)	12	20	0.05	12.0
SIGNAL (GREEN)	12	12	0.45	64.8
PERMISSIVE ARROW	16	10	0.1	16.0
PED. SIGNAL	8	20	1	160.0
CONTROLLER	1	100	1	100.0
UPS	1	25	1	25.0
VIDEO SYSTEM	-	150	1	-
BLANK-OUT SIGN	-	25	0.05	-
FLASHER	-	-	0.5	-
STREET NAME SIGN	-	120	0.5	-
LUMINAIRE	-	-	-	-
TOTAL =				443.8

ENERGY COSTS TO:
TINLEY PARK

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---26070-93052

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ. FT	8
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	15
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	140
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	25
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	136
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	127
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4

FILE NAME = P:\2019\ME\191018.P1B 198-002.S51.W023-022 62R69.62P92 AP5 Update\01-CADD\02-Shts\62R69.DXXXX-sh-t-Ts-w-183rd St - Oak Park Ave.Cable.dgn
PLOT SCALE = 40.0000' / in.
USER NAME = jcovarrubias



USER NAME = jcovarrubias	DESIGNED - JC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JC	REVISED -
PLOT DATE = 9/25/2023	CHECKED - TN	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

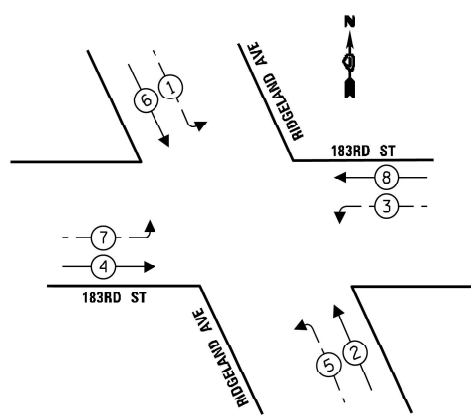
**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
183RD ST AT OAK PARK AVE**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	18
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R69	

TS-2256
ECON-171

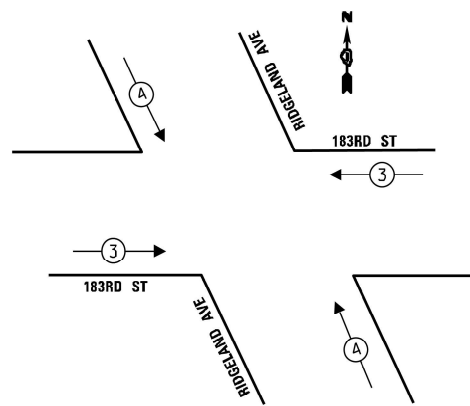
CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) ← PROTECTED PHASE
- ← (⊛) - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

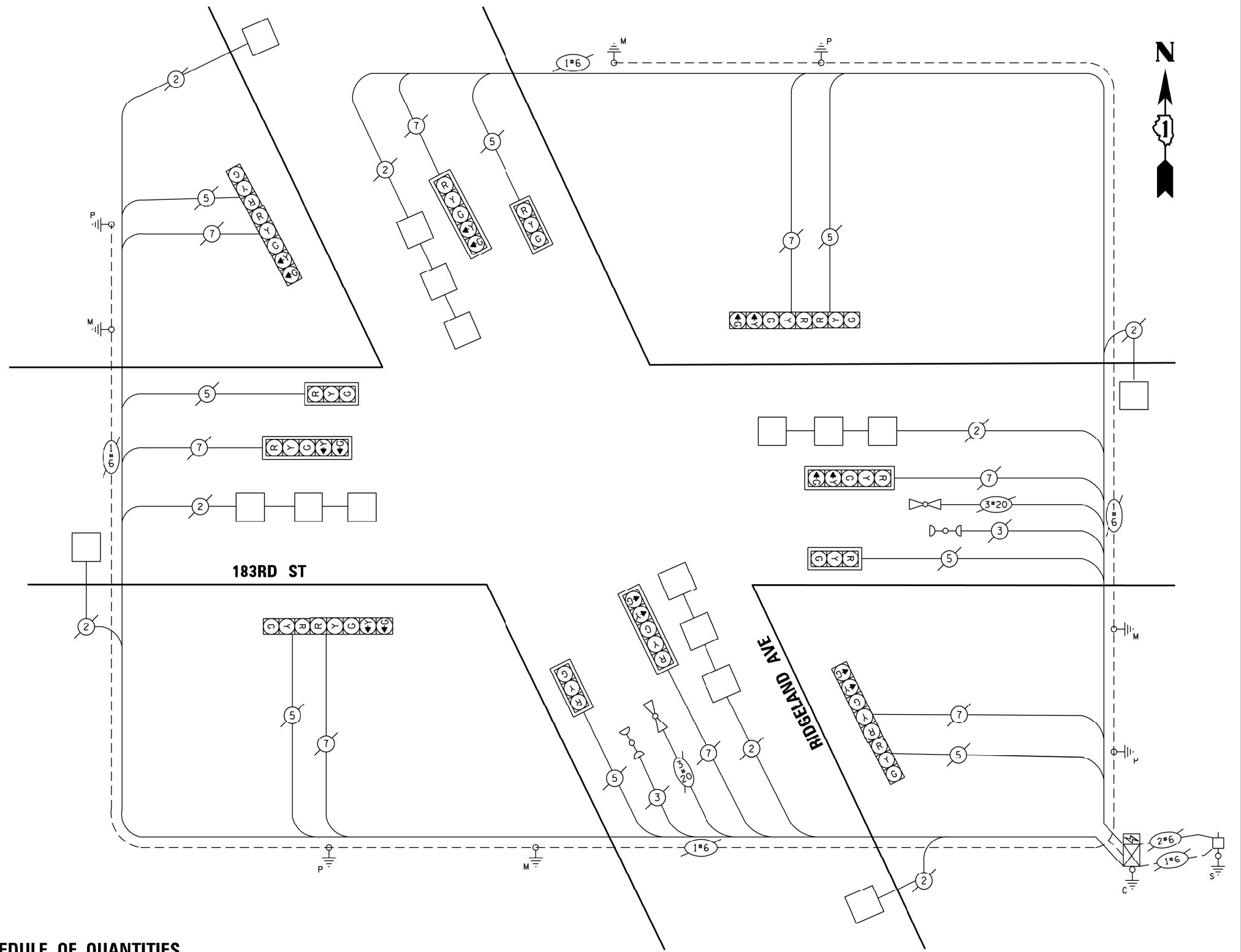
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	0.5	88.0
SIGNAL (YELLOW)	16	20	0.05	16.0
SIGNAL (GREEN)	16	12	0.45	86.4
PERMISSIVE ARROW	16	10	0.1	16.0
PED. SIGNAL	0	20	1	0.0
CONTROLLER	1	100	1	100.0
UPS	1	25	1	25.0
VIDEO SYSTEM	-	150	1	-
BLANK-OUT SIGN	-	25	0.05	-
FLASHER	-	-	0.5	-
STREET NAME SIGN	-	120	0.5	-
LUMINAIRE	-	-	-	-
TOTAL =				331.4

ENERGY COSTS TO:
IDOT

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: 8866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---53721-42003

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP REPLACEMENT	FOOT	544



FILE NAME = P:\2019\ME\191018.P1B 198-002.S51\023-022 62R69-62P92 AP5 Update\01-CADD\02-Shts\62R69\0XXXXX-sh1-Ts.w-183rd St - Ridgeland Ave.Cable.cgn
 PLOT SCALE = 48.0000 / 1"
 USER NAME = jcovarrubias



USER NAME = jcovarrubias	DESIGNED - JC	REVISED -
PLOT SCALE = 40.0000' / 1"	DRAWN - JC	REVISED -
PLOT DATE = 9/19/2023	CHECKED - TN	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
183RD ST AT RIDGELAND AVE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	20
CONTRACT NO. 62R69			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

TS-4108

NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

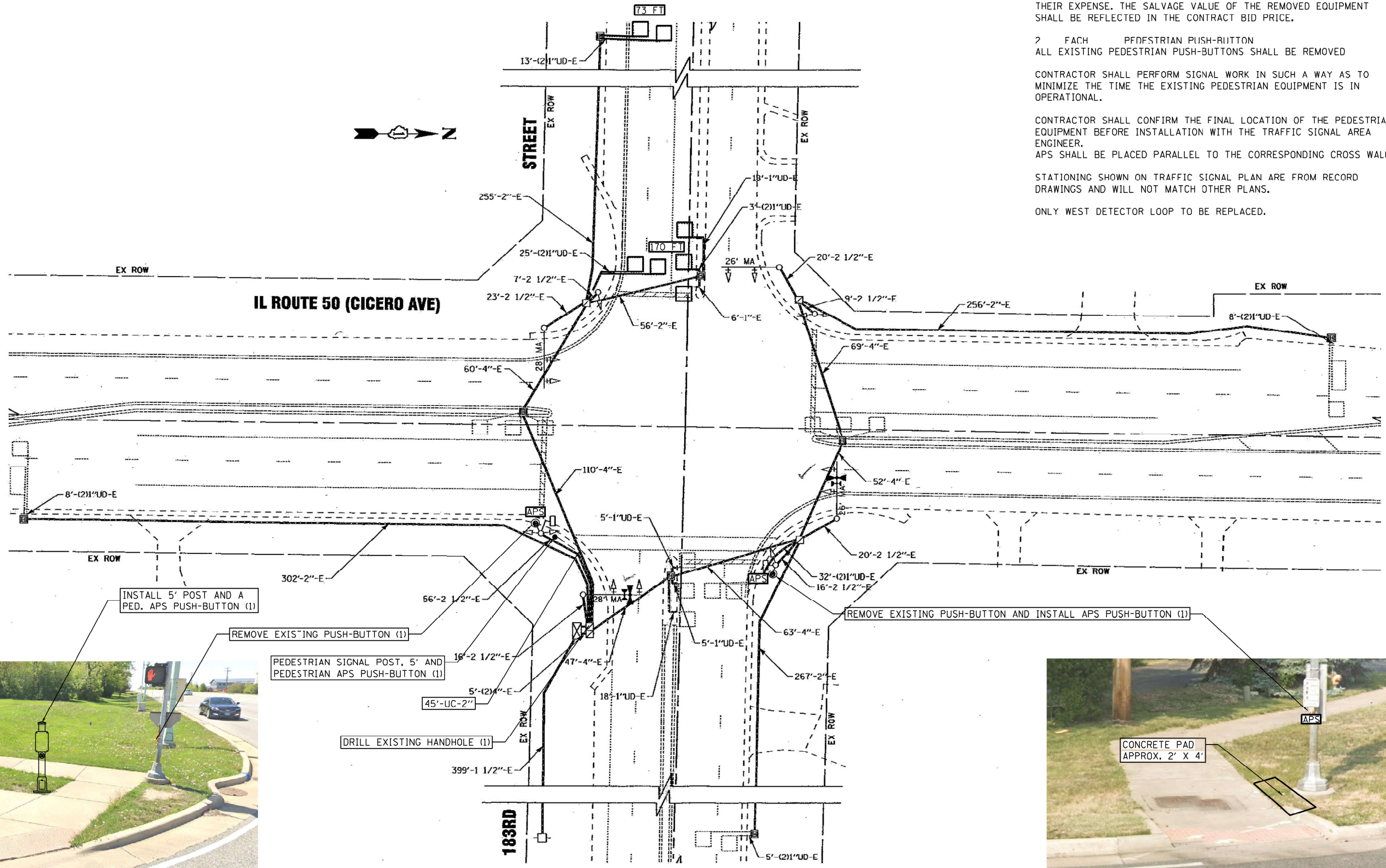
2 FACH PFDFSTRIAN PUSH-BUTTON
ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS IN OPERATIONAL.

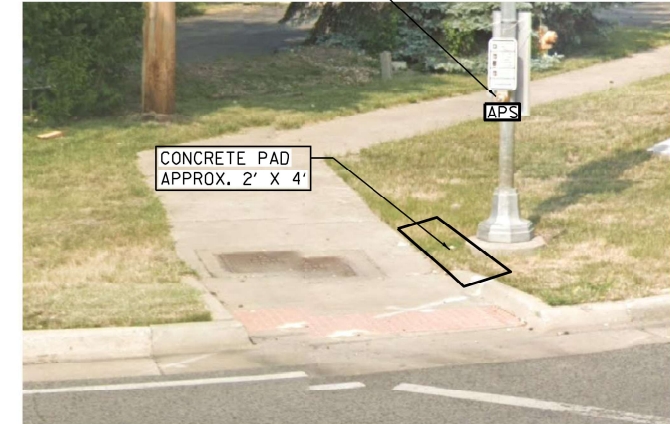
CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

STATIONING SHOWN ON TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

ONLY WEST DETECTOR LOOP TO BE REPLACED.



**SOUTH EAST CORNER
EAST CROSSWALK**



**NORTH EAST CORNER
EAST CROSSWALK**

INSTALL 5' POST AND A PED. APS PUSH-BUTTON (1)

REMOVE EXISTING PUSH-BUTTON (1)

PEDESTRIAN SIGNAL POST, 5' AND PEDESTRIAN APS PUSH-BUTTON (1)

DRILL EXISTING HANDHOLE (1)

REMOVE EXISTING PUSH-BUTTON AND INSTALL APS PUSH-BUTTON (1)

CONCRETE PAD APPROX. 2' X 4'

FILE NAME = P:\2019\ME\191018.P1B 190-002.S51\023-022 62R69 62R69 APS Update\01-CADD\02-Shts\62R69\01XXXXX-shd-Tsww-183rd St - Cicero Ave.dgn
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USER NAME = jcovarrubias



USER NAME = jcovarrubias	DESIGNED - JC	REVISED -
	DRAWN - JC	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED - TN	REVISED -
PLOT DATE = 9/19/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

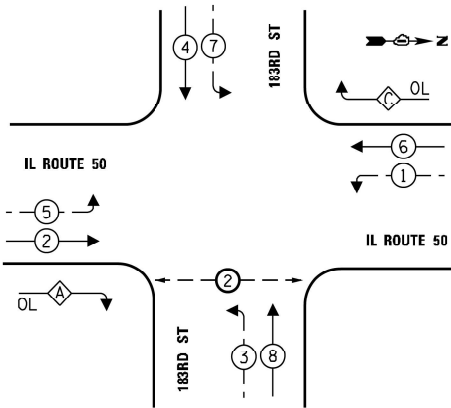
**TRAFFIC SIGNAL PLAN
183RD ST AT IL RTE 50 (CICERO AVE)**

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	21
CONTRACT NO. 62R69				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS-2585

CONTROLLER SEQUENCE



LEGEND:

- ←(*) PROTECTED PHASE
- ←(*)- PROTECTED/PERMITTED PHASE
- ←(*) PEDESTRIAN PHASE
- ←(OL) OVERLAP

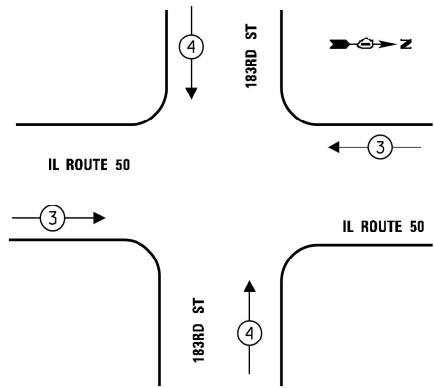
PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE	
A	2	3	-
C	6	7	-

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ. FT.	8
UNDERGROUND CONDUIT, GALVANIZED STEEL 2" DIA.	FOOT	45
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	79
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	61
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	243
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	82
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4

EMERGENCY VEHICLE PREEMPTION SEQUENCE

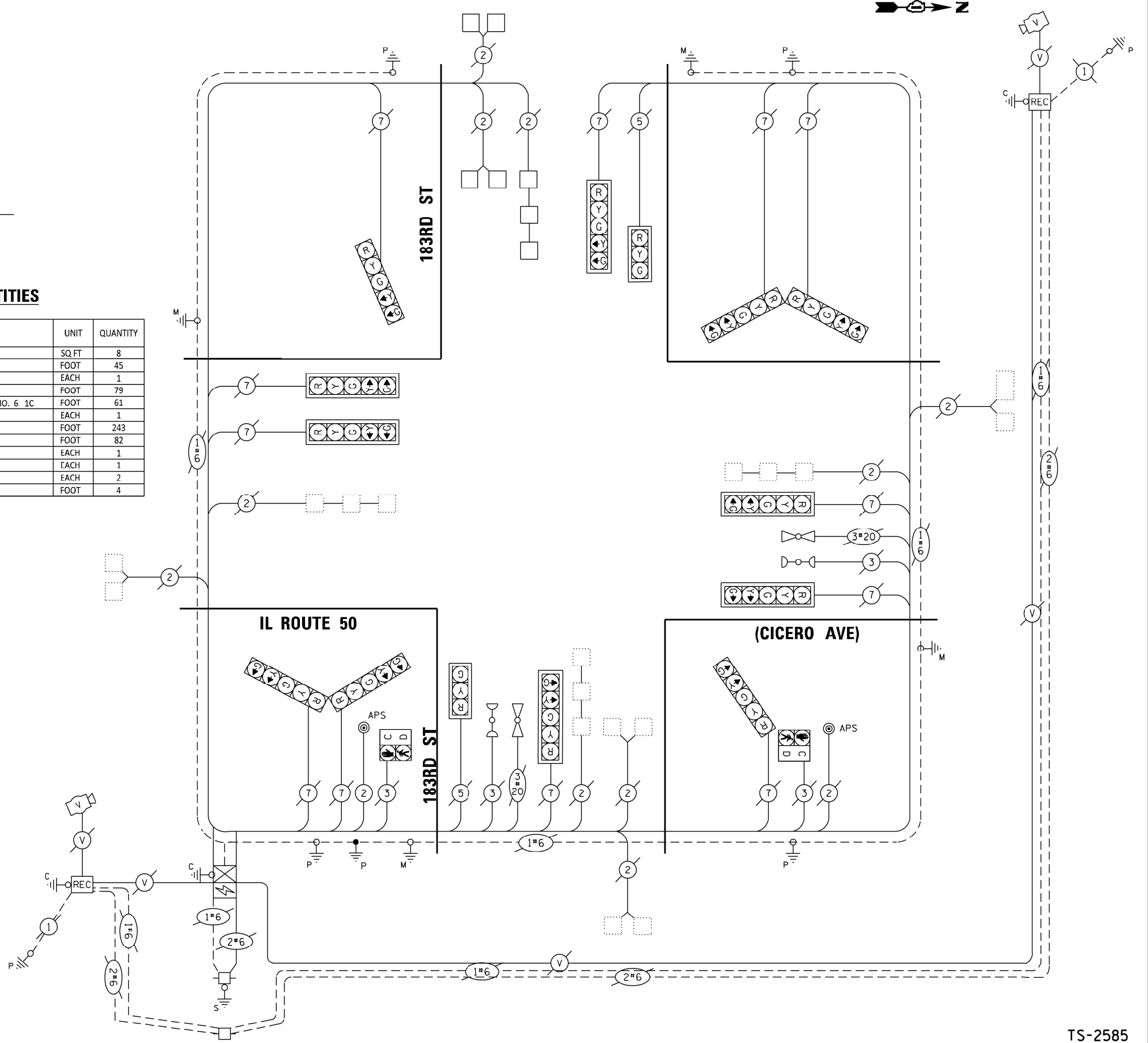


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	0.5	77.0
SIGNAL (YELLOW)	14	20	0.05	14.0
SIGNAL (GREEN)	14	12	0.45	75.6
PERMISSIVE ARROW	24	10	0.1	24.0
PED. SIGNAL	2	20	1	40.0
CONTROLLER	1	100	1	100.0
UPS	1	25	1	25.0
VIDEO SYSTEM	-	150	1	-
BLANK-OUT SIGN	-	25	0.05	-
FLASHER	-	-	0.5	-
STREET NAME SIGN	-	120	0.5	-
LUMINAIRE	-	-	-	-
TOTAL =				355.6

ENERGY COSTS TO:
COUNTRY CLUB HILLS

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: --- 16671-41023



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
183RD ST AT IL RTE 50 (CICERO AVE)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	22

CONTRACT NO. 62R69
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

TS-2585

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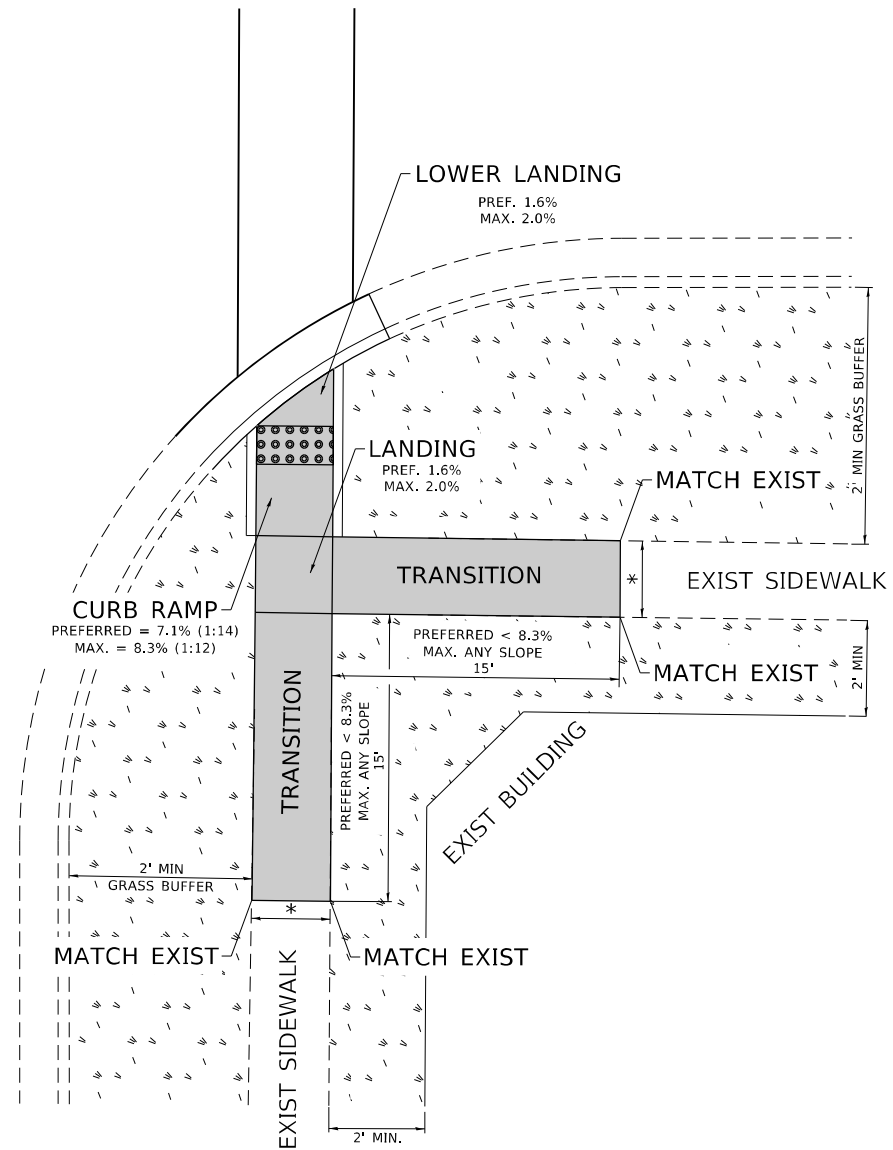


DESIGNED	REVISIONS
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	DATE - -

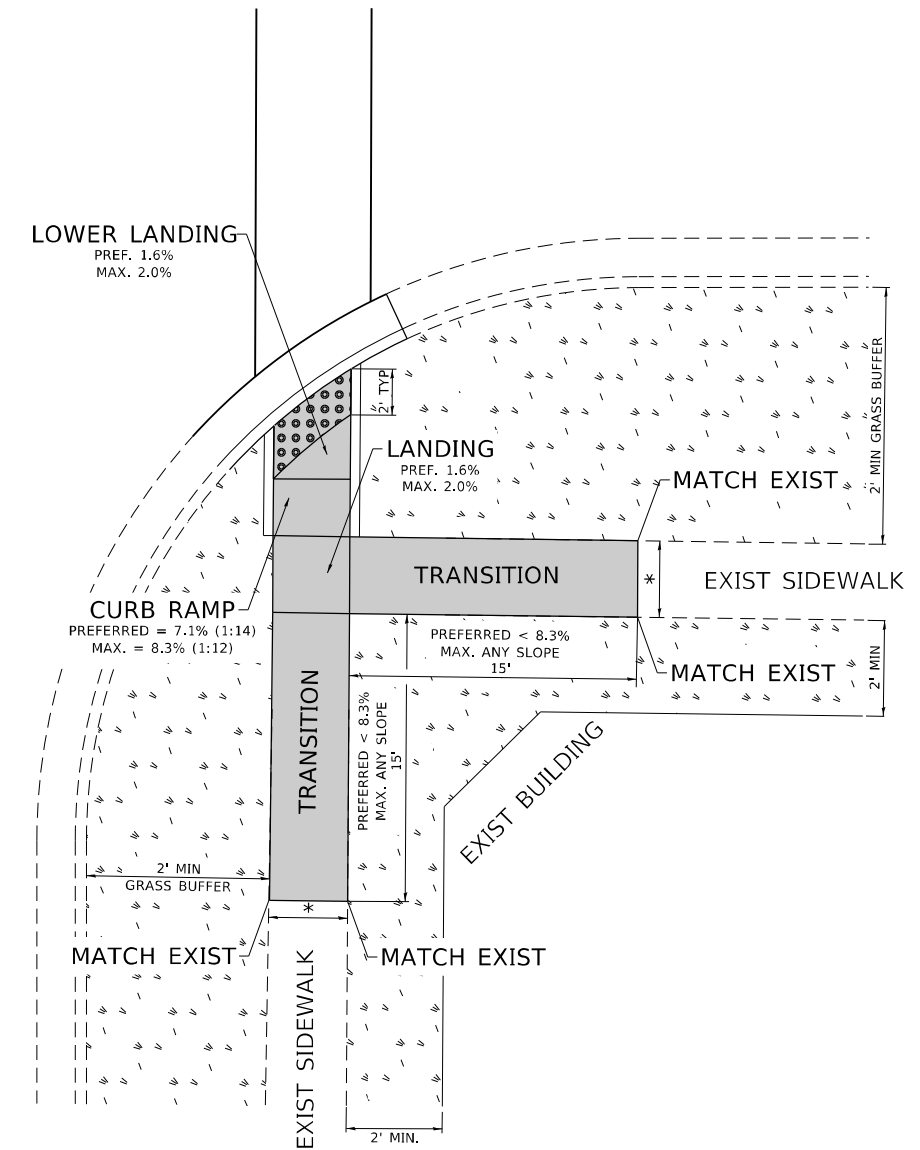
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
N/A	- OF -	- TO STA. -

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

- EXIST. GRASS
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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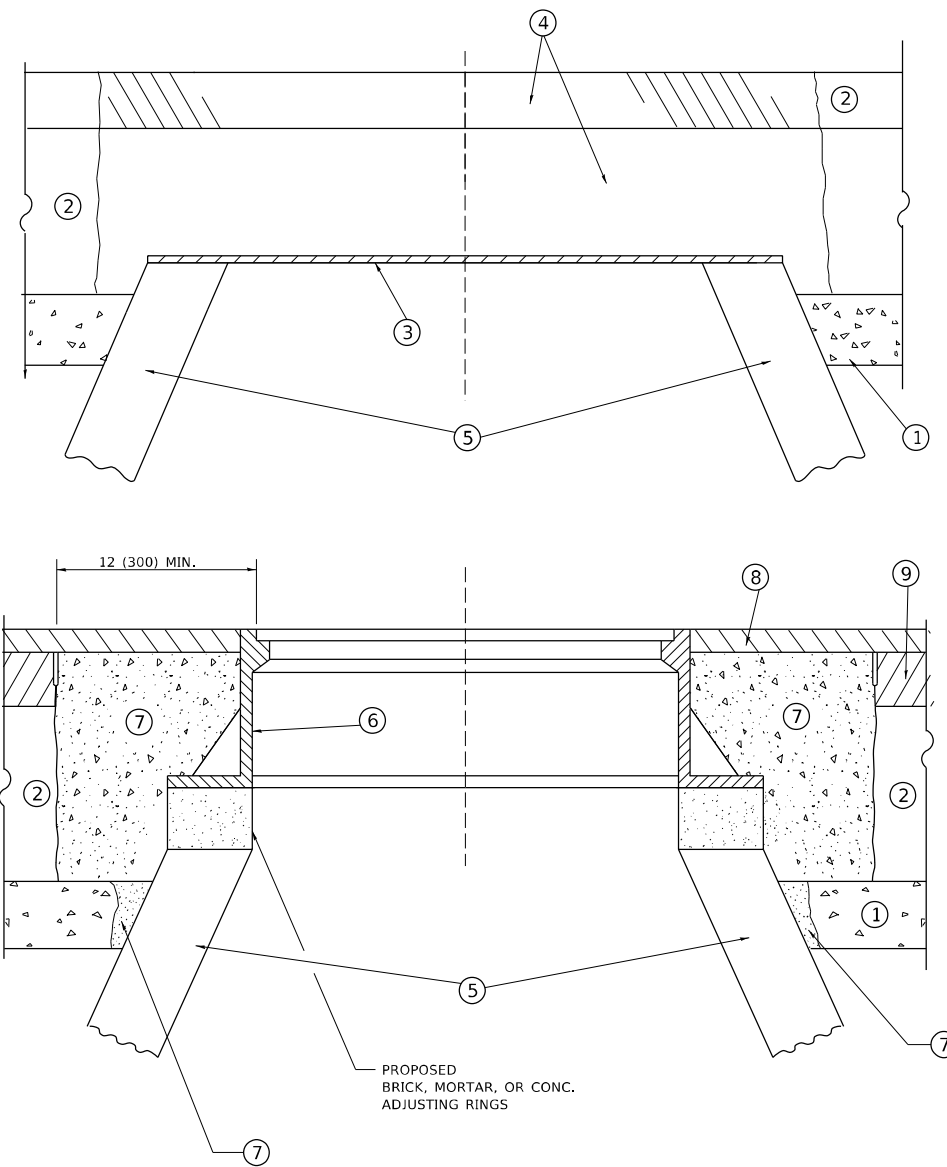
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DRAWN - R. LEDEZMA	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISIONS -
PLOT DATE = 1/30/2024	DATE - 10/02/2019	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	23
PD-04		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 1/30/2024	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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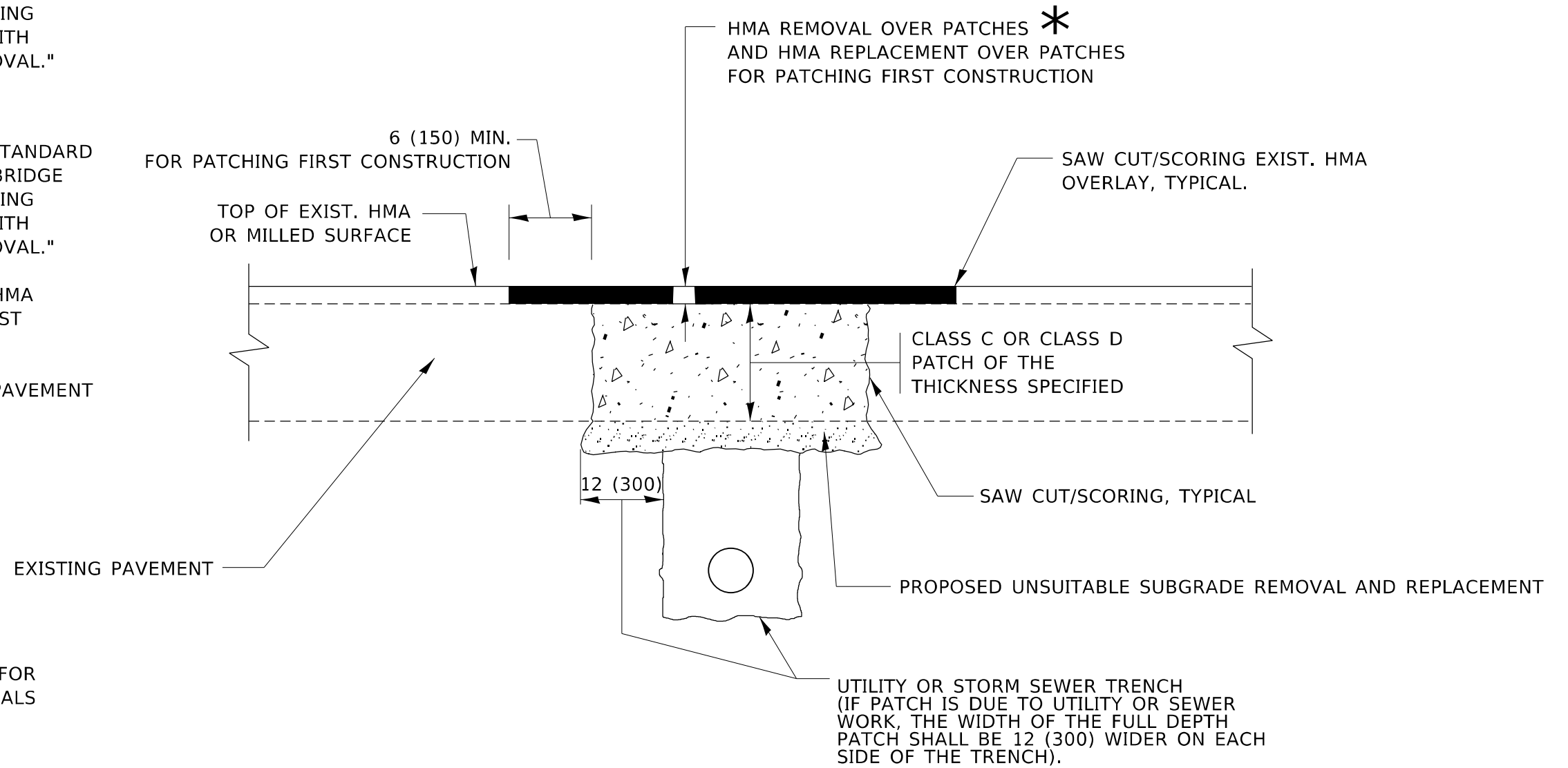
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BD600-03 (BD-08)			CONTRACT NO. 62R69	
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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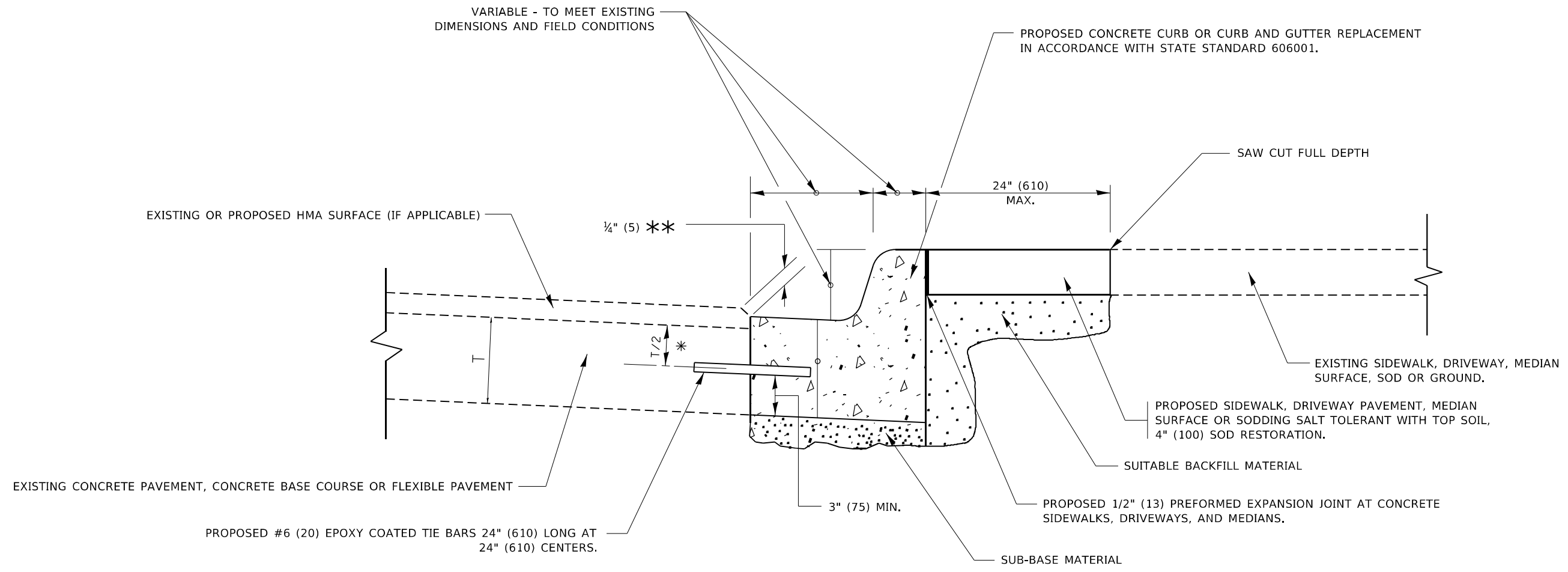
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PLOT DATE = 1/30/2024	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	25
BD400-04 (BD-22)		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

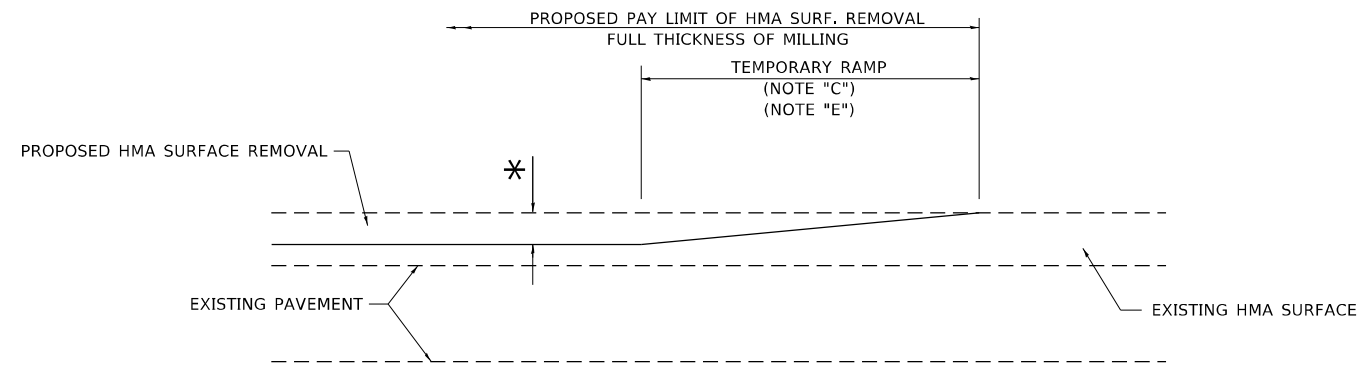
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

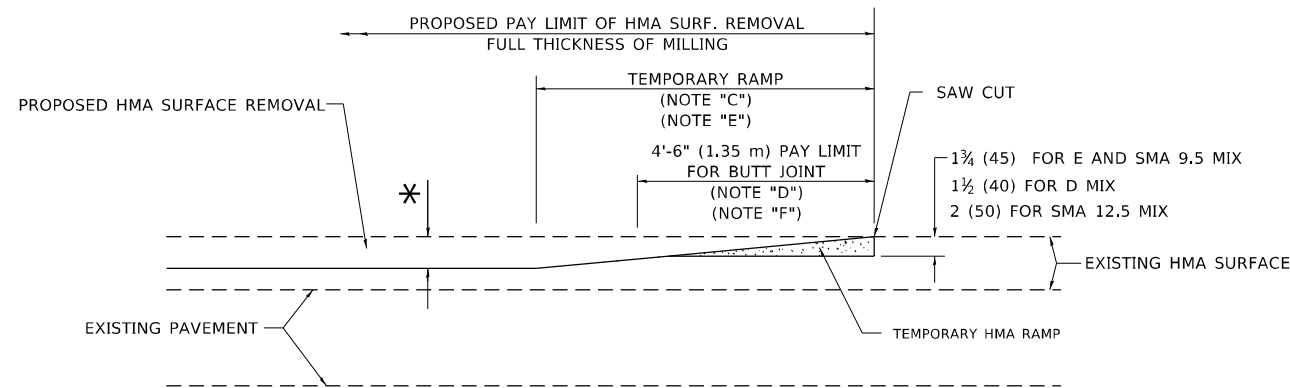
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	26
BD600-06 (BD-24)		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

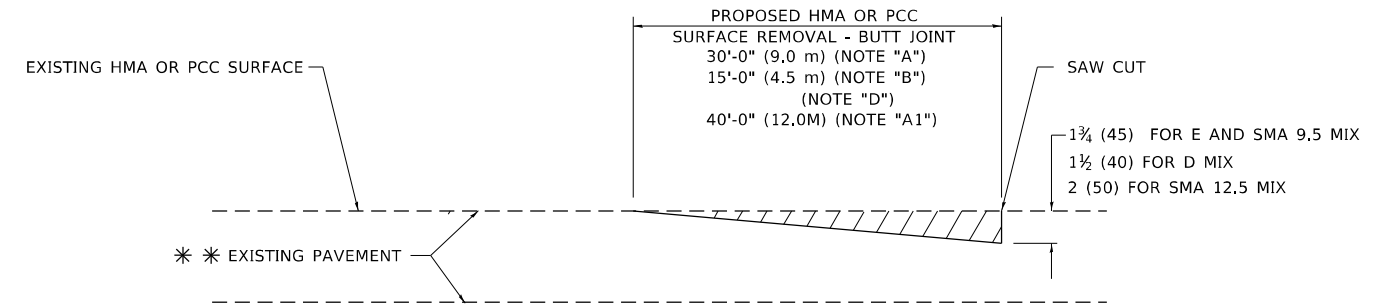
OPTION 1



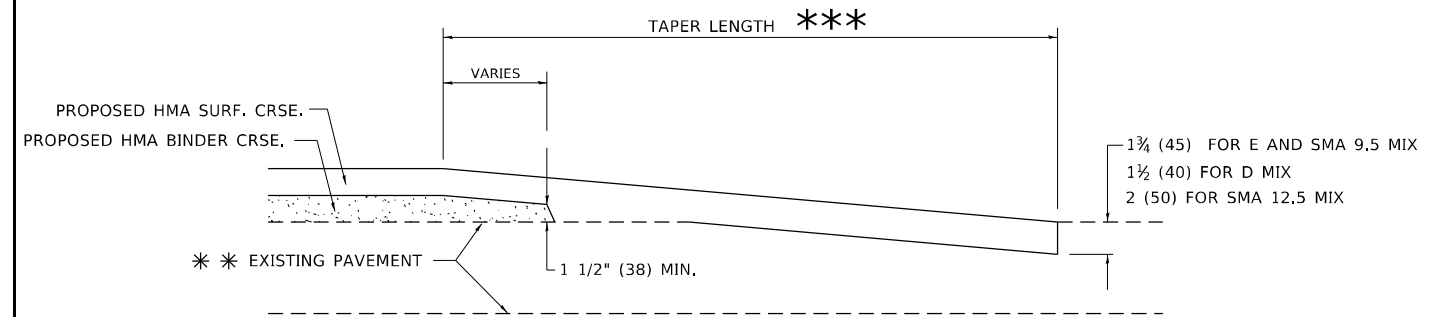
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

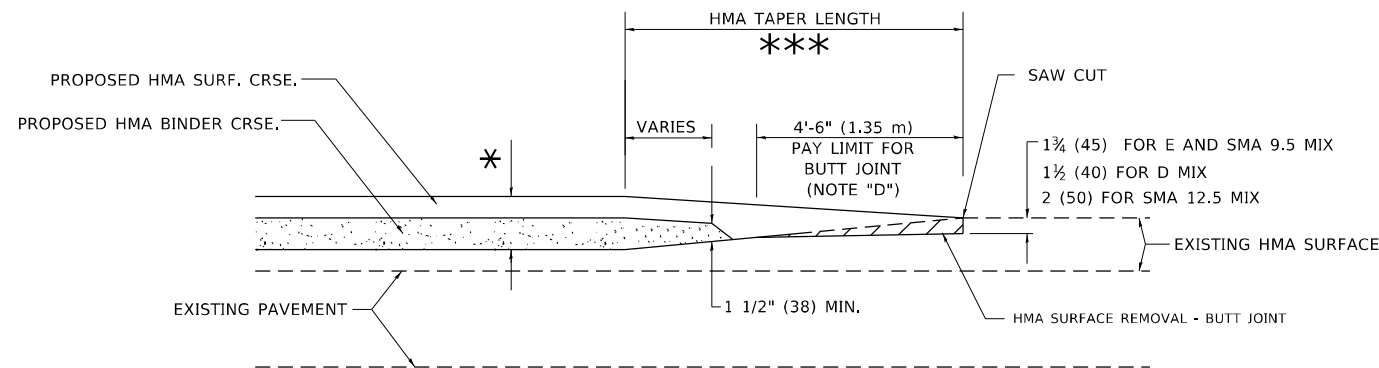
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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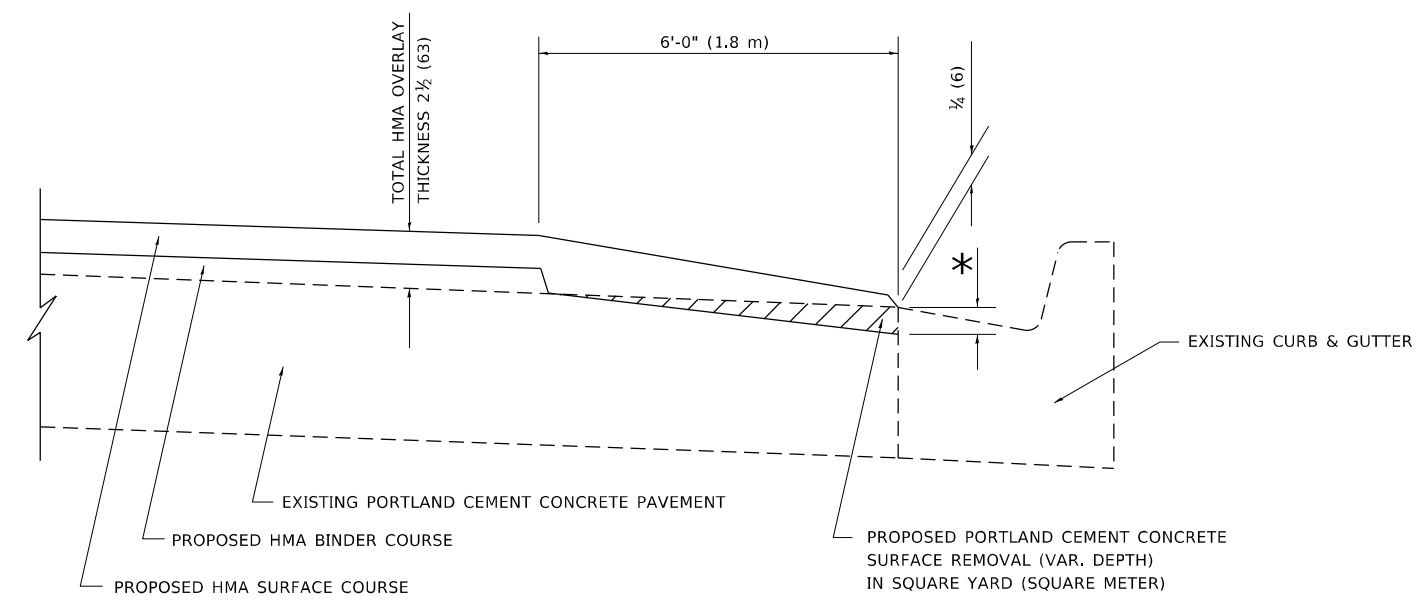
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PLOT DATE = 1/30/2024	DATE - 06-13-90	REVISED - R. BORO 01-01-07
		REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	27
BD400-05 BD-32		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**HMA TAPER AT
EDGE OF P.C.C. PAVEMENT**

HMA SURFACE COURSE	HMA BINDER COURSE	* MILLING AT GUTTER FLAG	
MIX	THICKNESS	THICKNESS	
D	1 1/2 (38)	1 (25)	1 1/4 (33)
E OR SMA 9.5	1 3/4 (44)	3/4 (19)	1 1/2 (38)

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

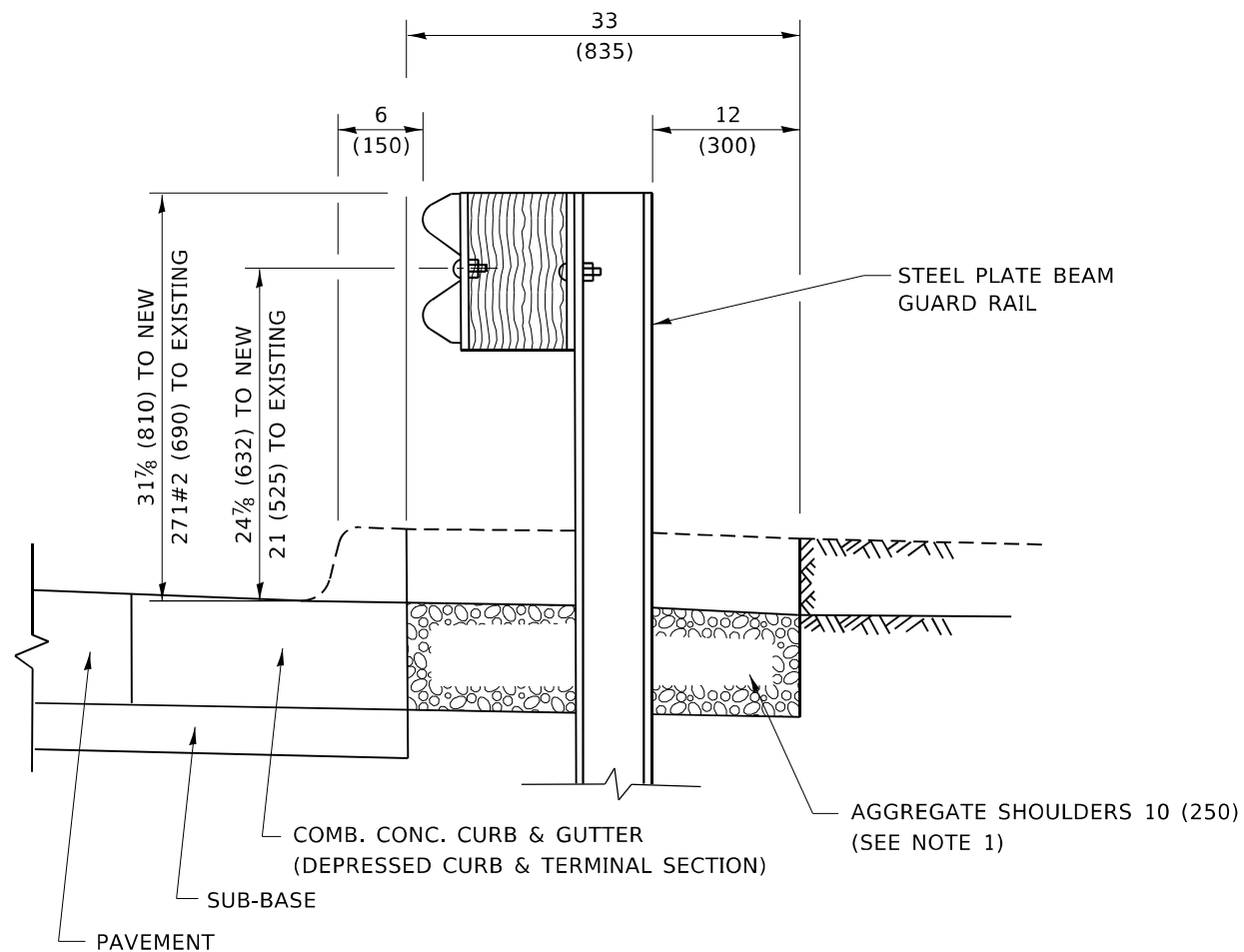
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	DRAWN - JIS	REVISED - R. BORO 01-01-07
PLOT SCALE = 100,0000' / in.	CHECKED - A. ABBAS	REVISED - JP CHANG 07-08-16
PLOT DATE = 1/30/2024	DATE - 09-10-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TAPER AT EDGE OF P.C.C. PAVEMENT			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	28
BD400-06		BD-33		CONTRACT NO. 62R69
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

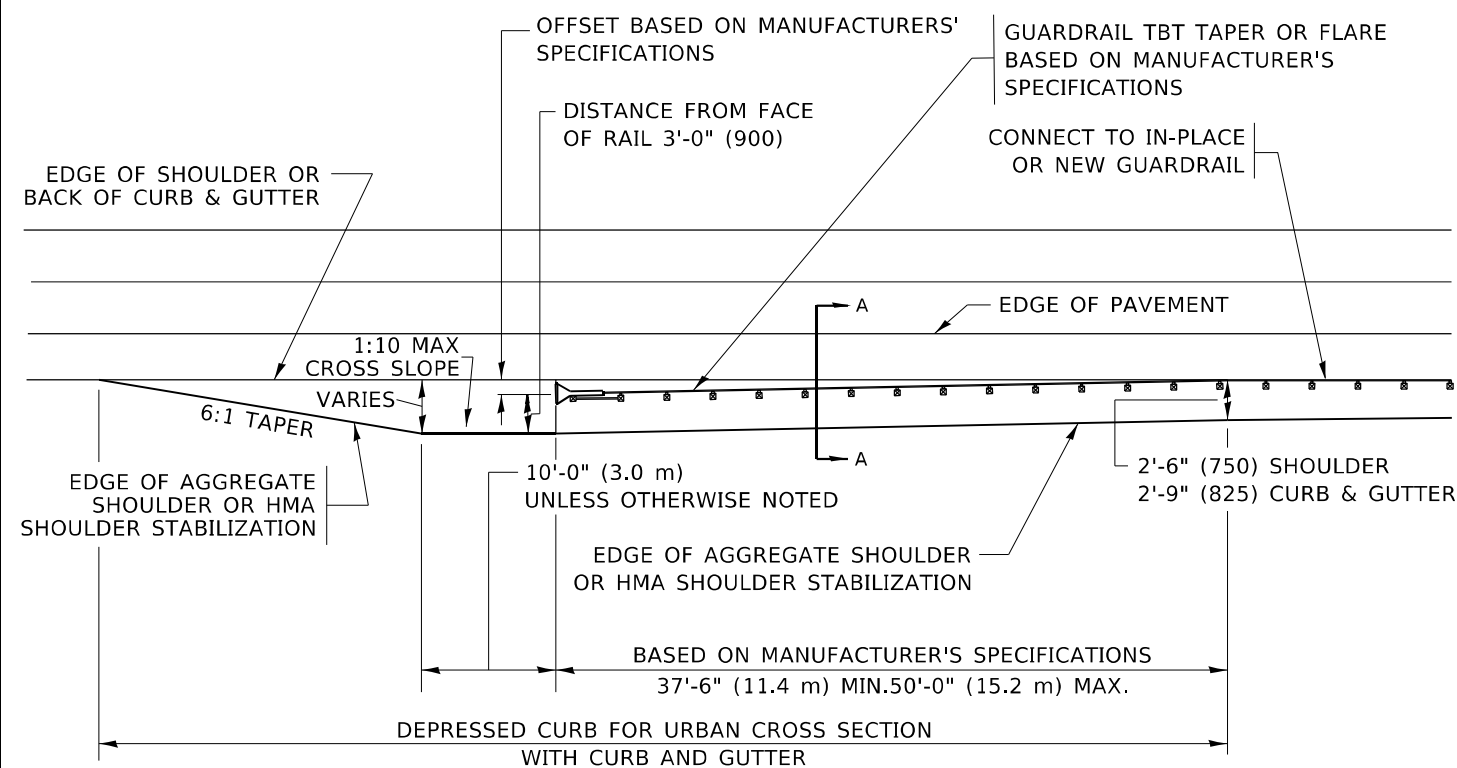


SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL, THE EXISTING GUARDRAIL HEIGHT SHALL TRANSITION TO MATCH THE NEW TERMINAL END SECTION AND SHALL BE PAID FOR AS VERTICAL ADJUSTMENT OF EXISTING GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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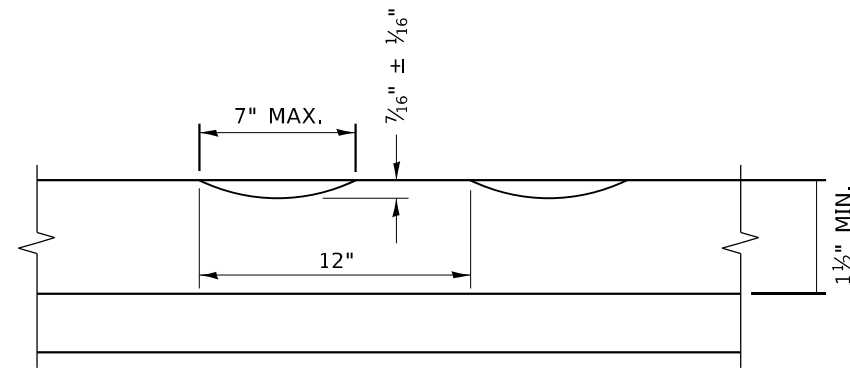
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

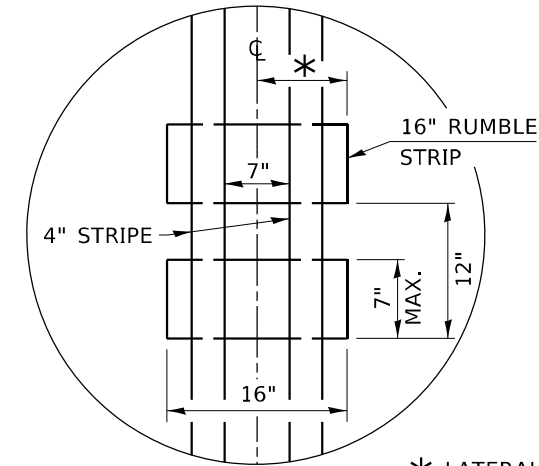
**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	29
BD600-10 (BD-34)		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A



* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

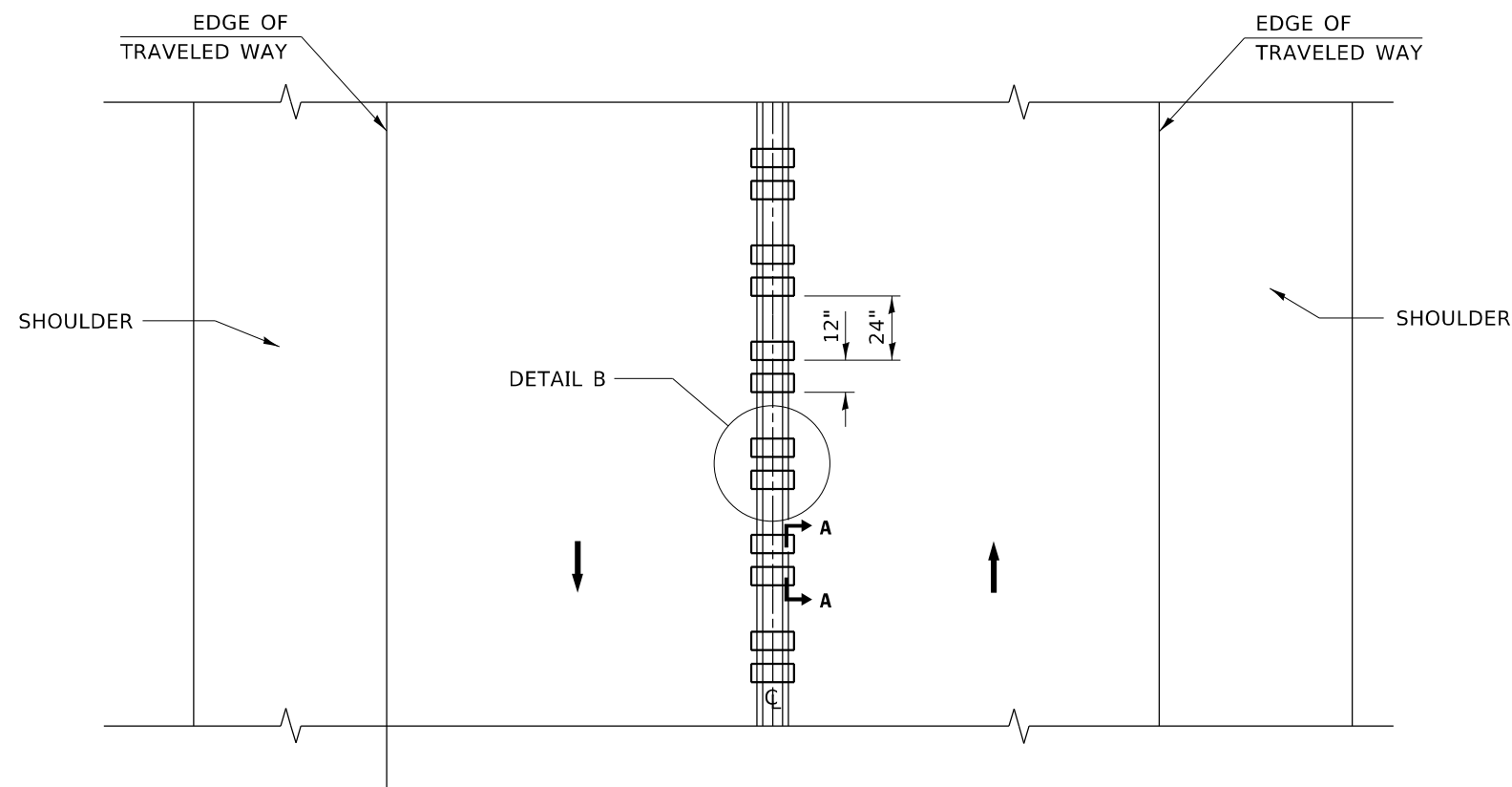
DETAIL B

GENERAL NOTES

1. CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.
2. SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
3. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
4. ALL RUMBLE STRIPS SHALL BE MILLED.
5. CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.
6. DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.
7. AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.
8. WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

1. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.
2. HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

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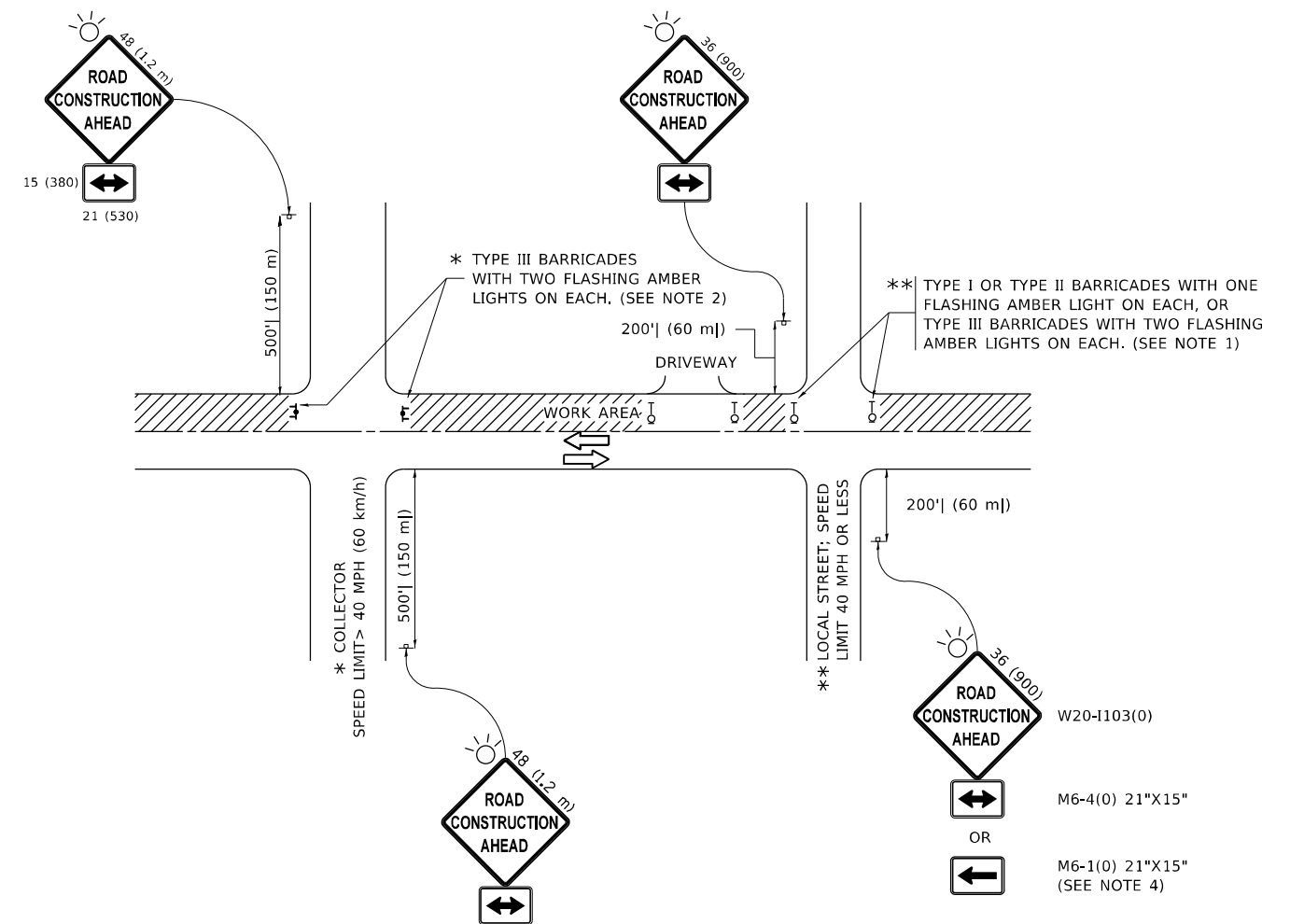
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PLOT DATE = 1/30/2024	DATE - 08-06-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	30
BD-55		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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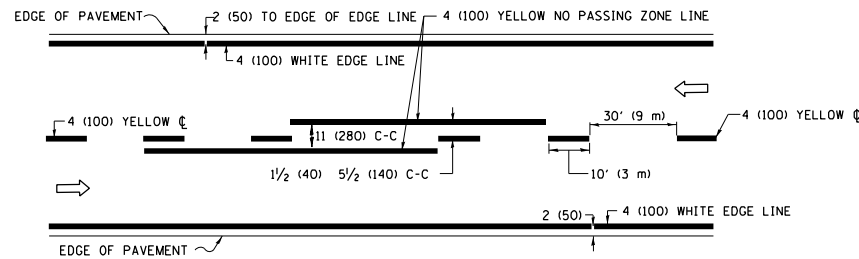
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

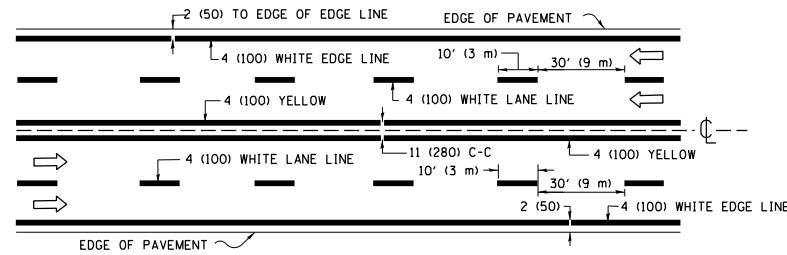
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

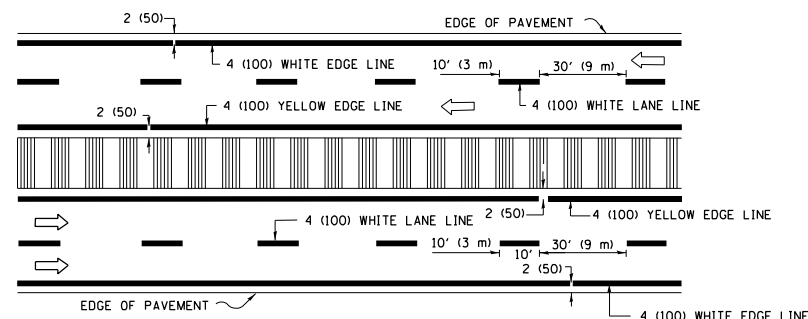
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2-LANE ROADWAY

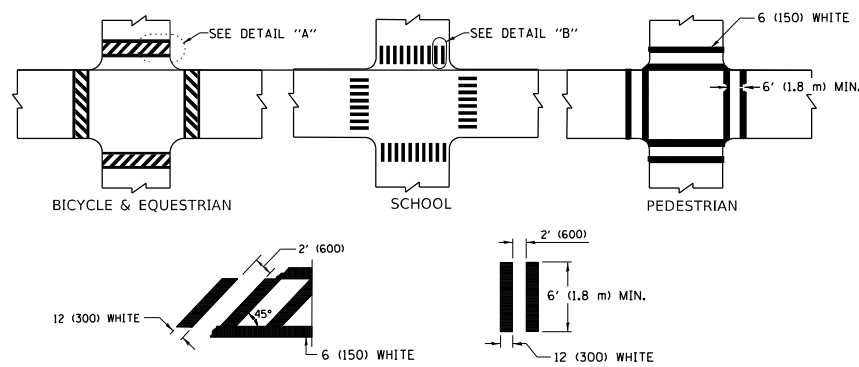


MULTI-LANE UNDIVIDED



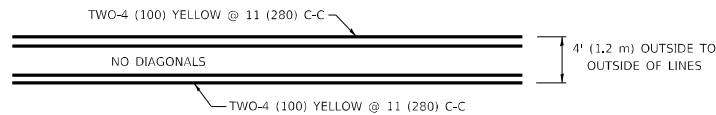
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

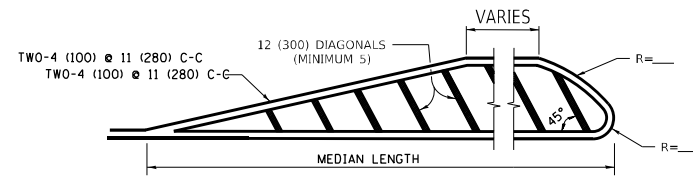


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



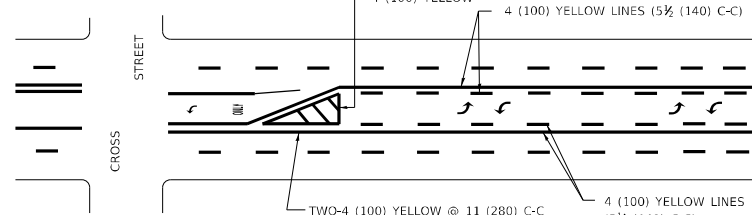
4' (1.2 m) WIDE MEDIANS ONLY



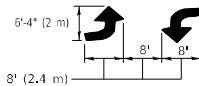
MEDIANS OVER 4' (1.2 m) WIDE

FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

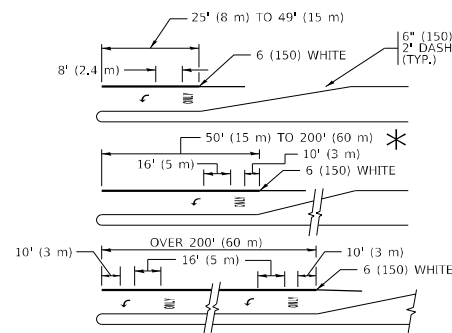


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

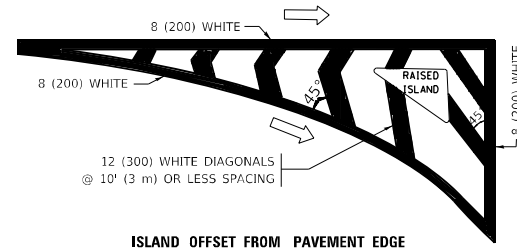


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

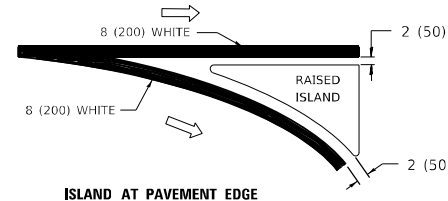
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

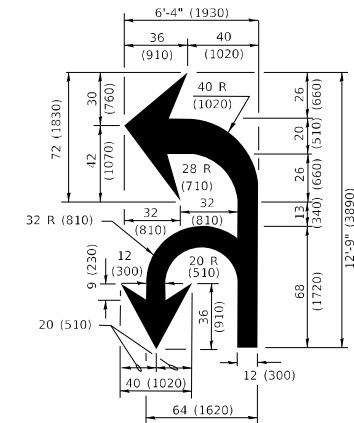
TYPICAL TURN LANE MARKING



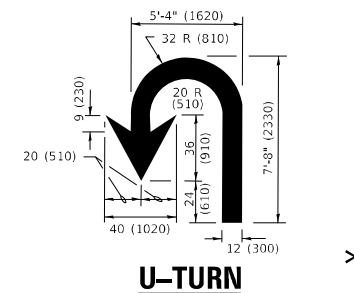
ISLAND OFFSET FROM PAVEMENT EDGE



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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 MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) 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 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.
GORE 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)) 20' (6 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" IS 6' (1.8 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 (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 1/30/2024	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	33
TC-13		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

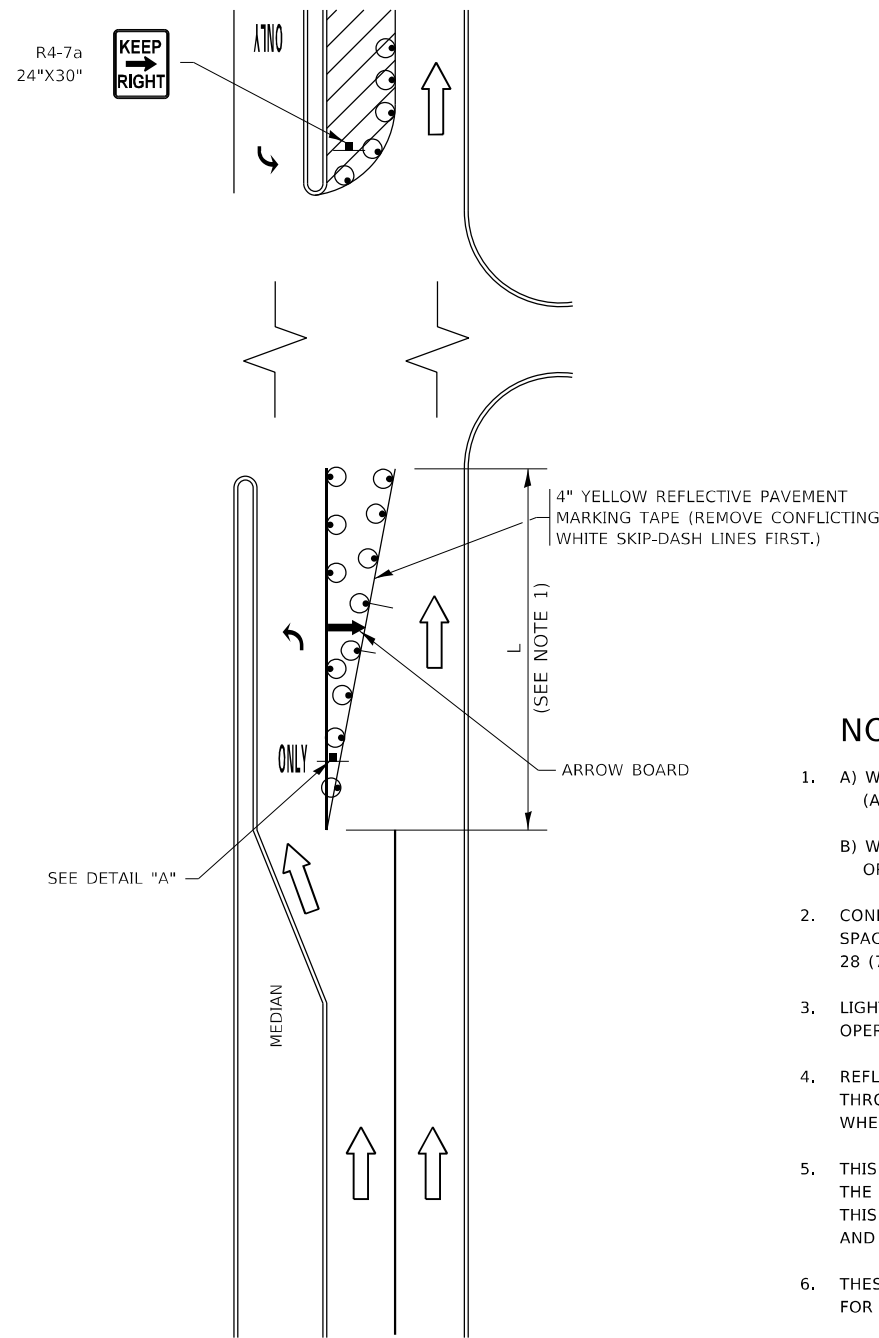


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

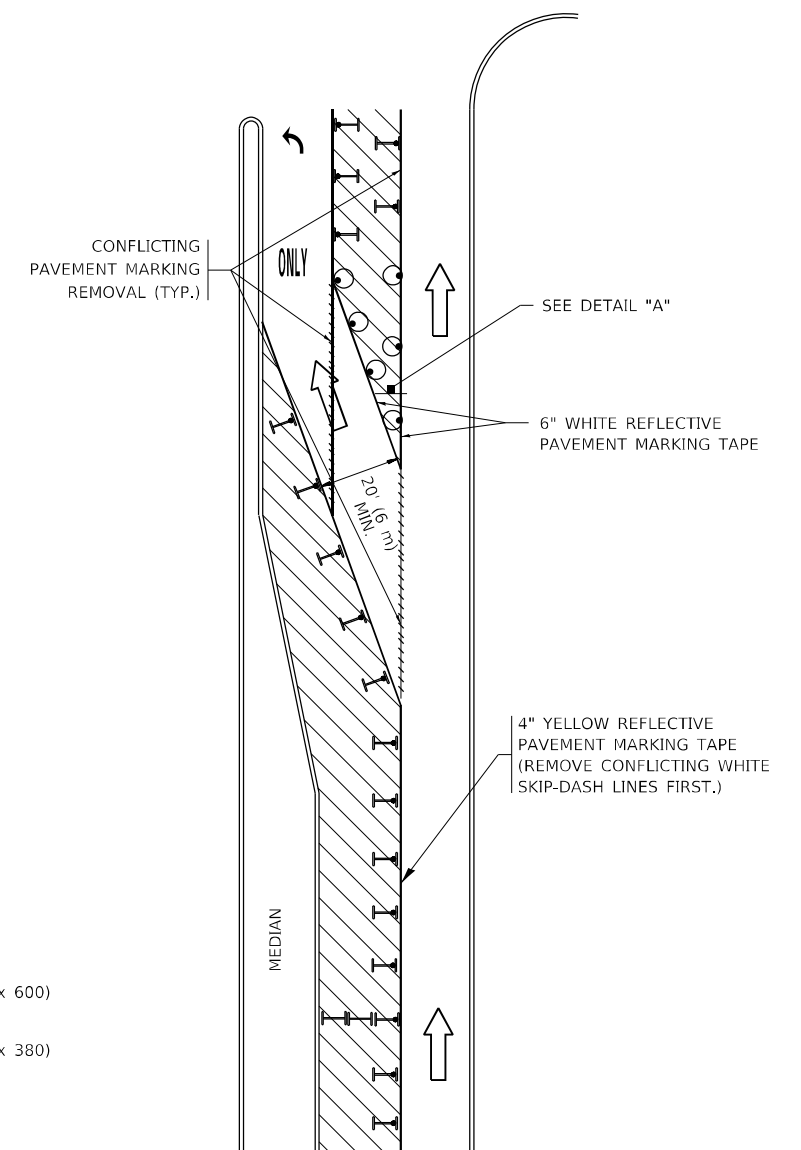


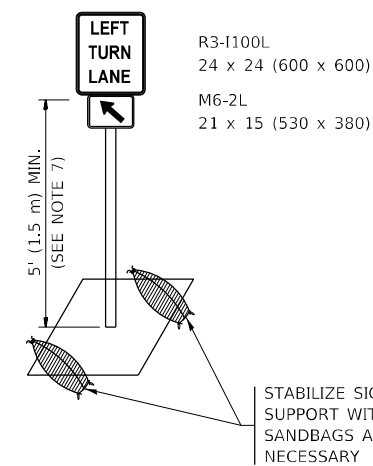
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. 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" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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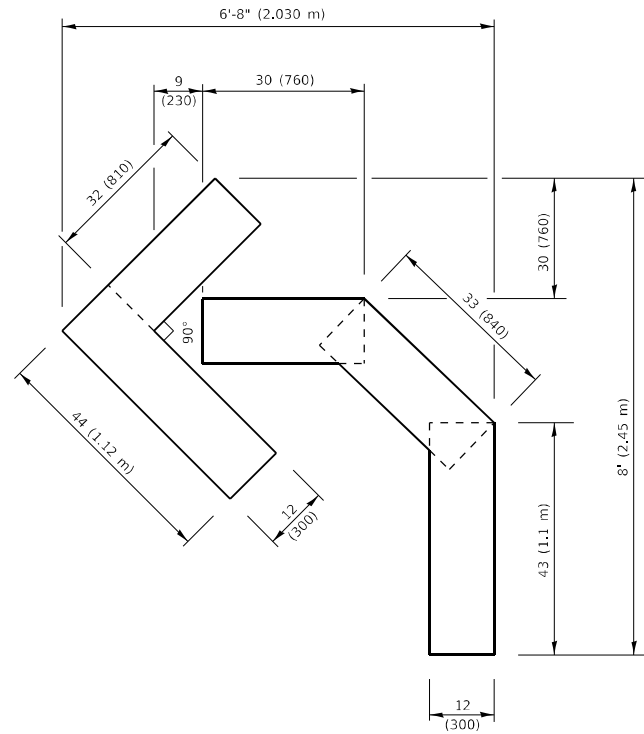
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 1/30/2024	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

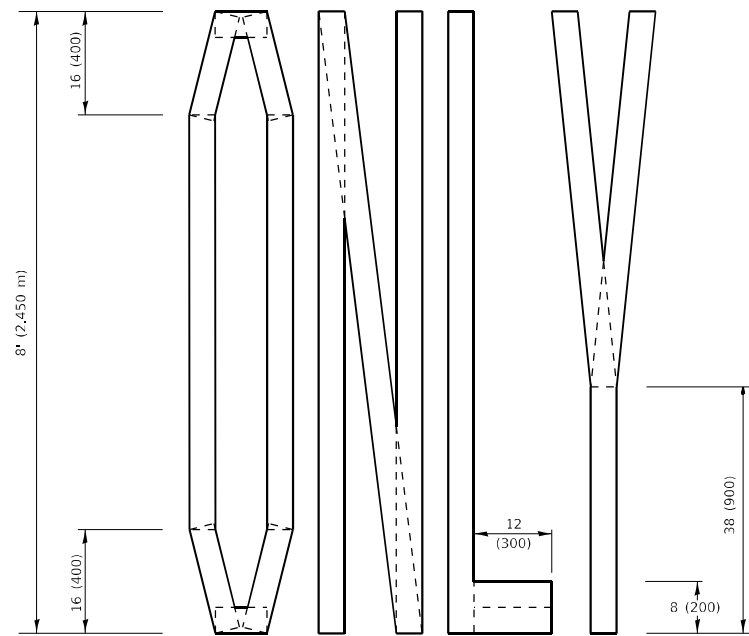
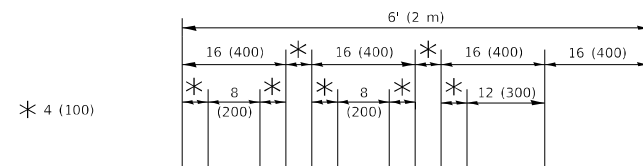
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14		CONTRACT NO. 62R69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



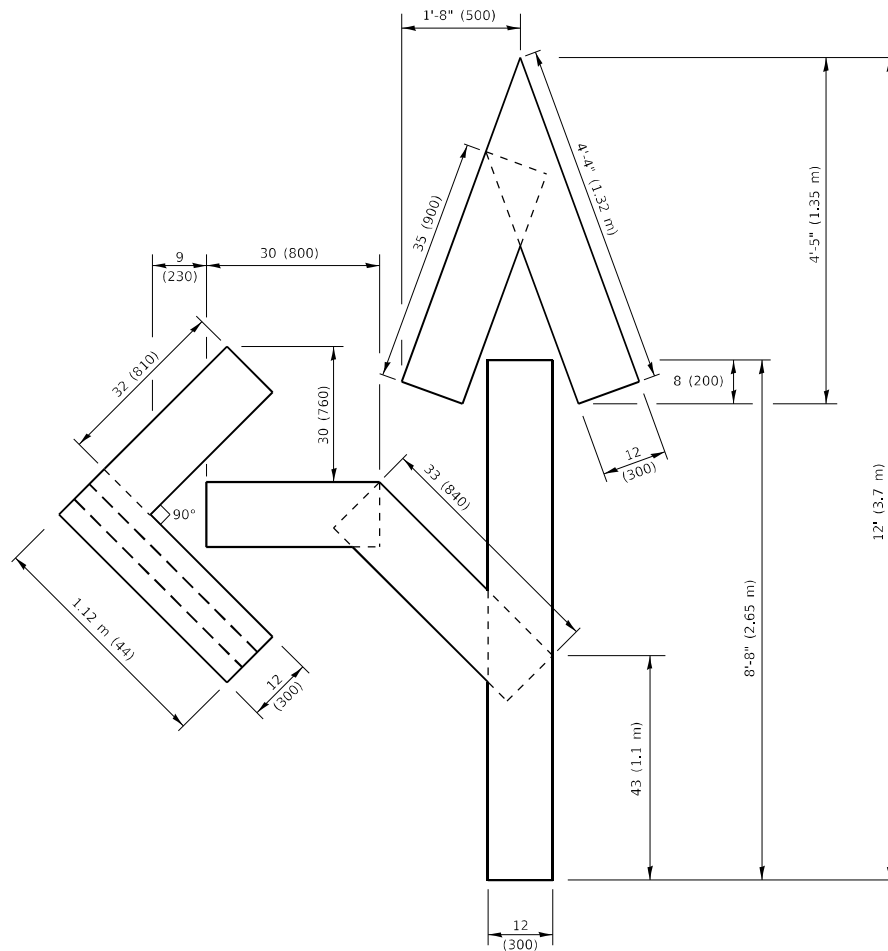
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

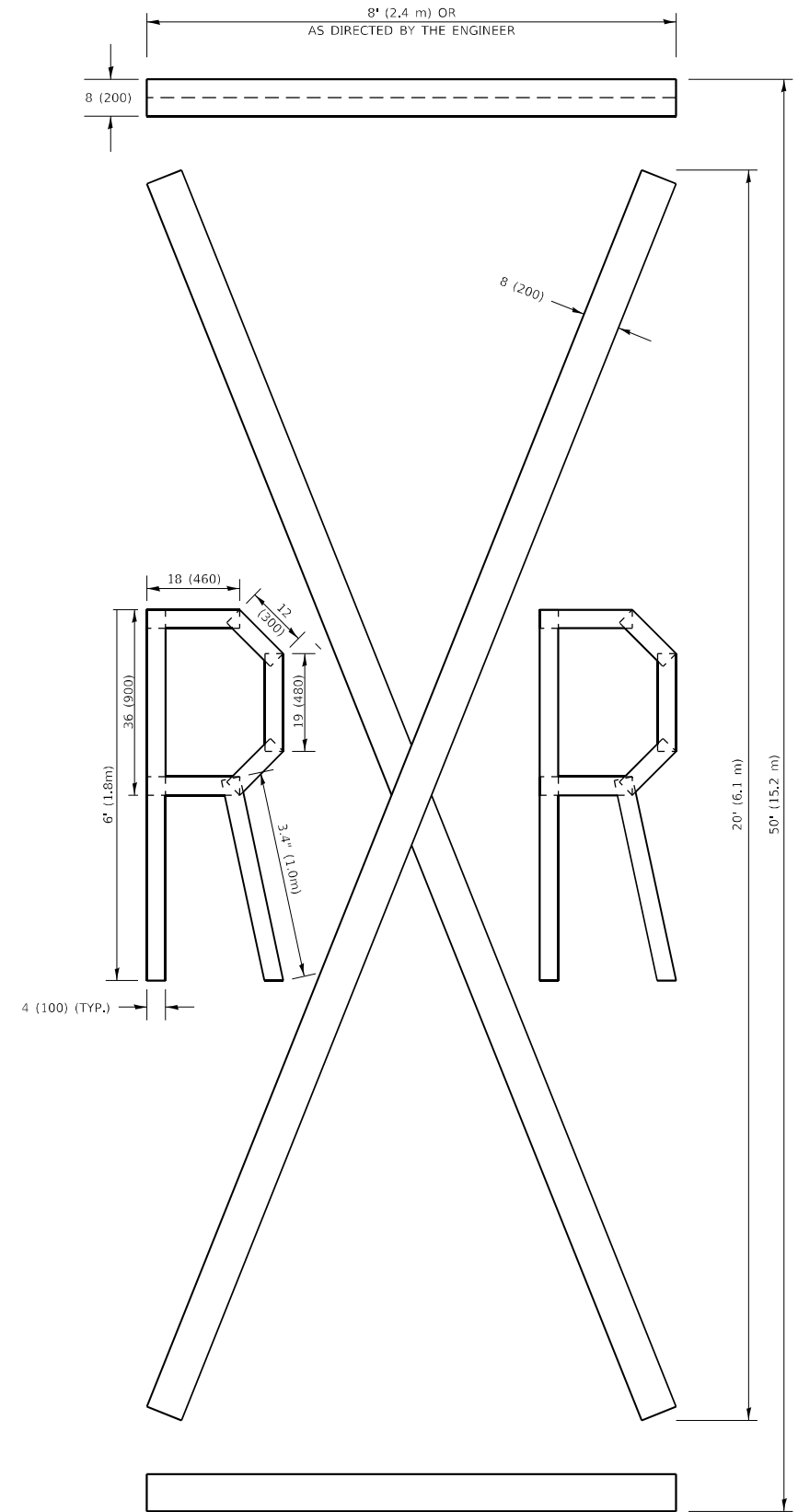


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

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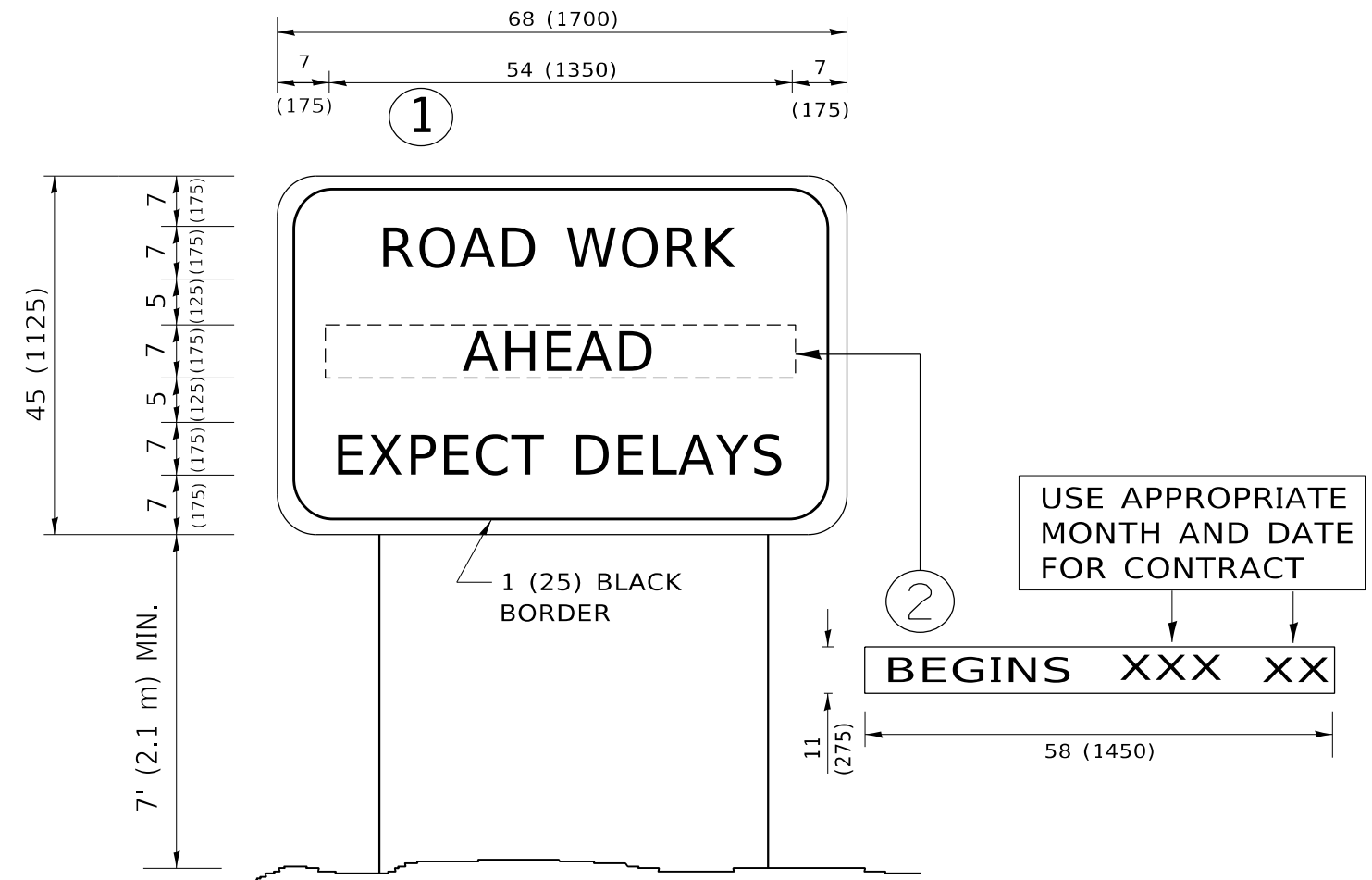
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100,0010 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 1/30/2024	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	35
TC-16			CONTRACT NO. 62R69	
FED. ROAD DIST. NO. 1 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.

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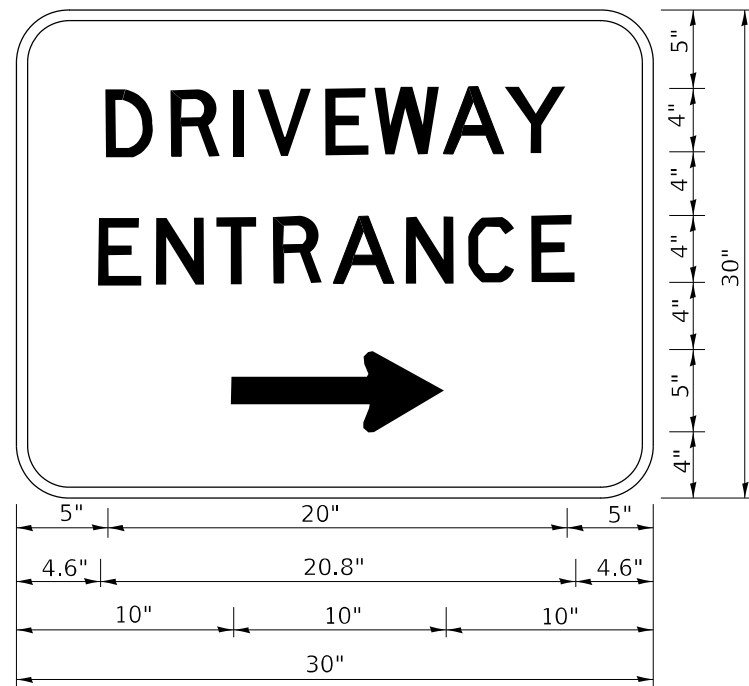
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PLOT DATE = 1/30/2024	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	36
TC-22			CONTRACT NO. 62R69	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1622	FAU 1622 22 RESURFACE	COOK	38	37
TC-26			CONTRACT NO. 62R69	
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

