

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|----------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 1 |
| | | ILLINOIS | CONTRACT NO. 62R43 | |

PROPOSED HIGHWAY PLANS

THE IMPROVEMENT IS LOCATED IN THE
CITY OF CHICAGO

TRAFFIC DATA:
KEDZIE AVE. ROAD 2022 ADT = 18,800
POSTED SPEED LIMIT = 30 MPH

DESIGN DESIGNATION:
MINOR ARTERIAL

F.A.U. ROUTE 2831: KEDZIE AVE.
FROM 71ST ST. TO 77TH ST.
SECTION: FAU 2831 22 RS
PROJECT: STP-1W8F(037)
STANDARD OVERLAY AND ADA IMPROVEMENT

COOK COUNTY

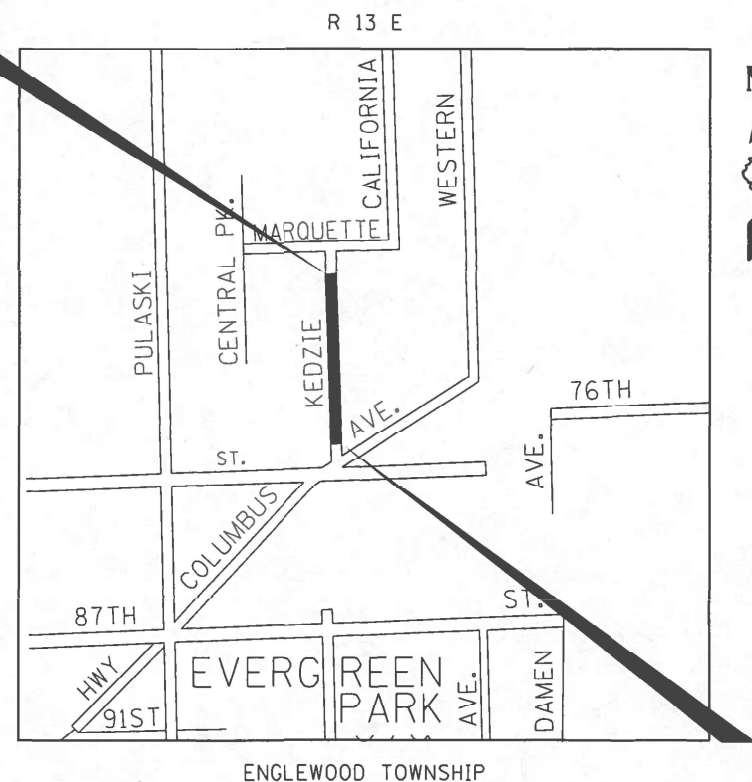
C-91-166-22

D-91-134-22

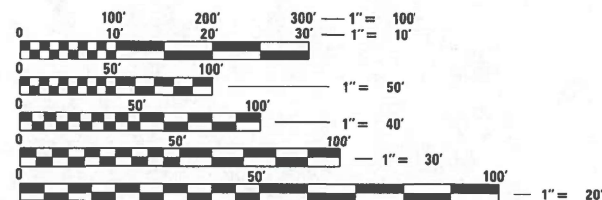


IMPROVEMENT ENDS
STA. 53 + 41

HMA OVERLAY OMISSION:
STA. 25+30 TO STA. 30+33



IMPROVEMENT BEGINS
STA 12 + 51



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.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
(312) 744-7000

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

CONTRACT NO. 62R43

GROSS LENGTH = 4090 FT. = 0.77 MILE
NET LENGTH = 3587 FT. = 0.68 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 8 20 23
Jose Rios REGIONAL ENGINEER

March 22, 2024 Jose Rios ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024 Steph M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | TITLE SHEET |
| 2 - 3 | INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES |
| 4 - 6 | SUMMARY OF QUANTITIES |
| 7 | TYPICAL SECTIONS |
| 8 - 9 | ROADWAY AND PAVEMENT MARKING PLANS |
| 10 - 13 | PROPOSED SIDEWALK RAMP DETAILS |
| 14 - 16 | EXISTING TRAFFIC SIGNAL DETAILS (DETECTOR LOOPS) |
| 17 | DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08) |
| 18 | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) |
| 19 | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24) |
| 20 | BUTT JOINT AND HMA TAPER DETAILS (BD-32) |
| 21 | CITY OF CHICAGO DETECTABLE WARNINGS (BD-58) |
| 22 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10) |
| 23 | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14) |
| 24 | SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16) |
| 25 | ARTERIAL ROAD INFORMATION SIGN (TC-22) |
| 26 - 28 | CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (TC-24) |
| 29 | DRIVEWAY ENTRANCE SIGNING (TC-26) |
| 30 | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAIL, SHEET 2 OF 7 (TS-05) |
| 31 | DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07) |

STATE HIGHWAY STANDARDS

| STANDARD NO. | DESCRIPTION |
|--------------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424011-04 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 424021-06 | DEPRESSED CORNER FOR SIDEWALKS |
| 442201-03 | CLASS C AND D PATCHES |
| 604001-05 | FRAME AND LIDS TYPE 1 |
| 606001-08 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701101-05 | OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH |
| 701606-10 | URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN. |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-09 | TRAFFIC CONTROL DEVICES |

GENERAL NOTES

- 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.
- BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 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.

GENERAL NOTES (CONTINUED...)

- 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.
- STORM SEWER CONSTRUCTED UNDER THE ROADWAY SHALL BE BACKFILLED ACCORDING TO METHOD 1 OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
- 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.
- CLASS B PAVEMENT PATCHING WHICH REQUIRES FRAMES AND GRATES TO BE ADJUSTED SHALL BE CONSTRUCTED UTILIZING "CAST IN PLACE" ALTERNATE ACCORDING TO STATE HIGHWAY STANDARD 420111 FOR "PCC PAVEMENT ROUNDOUTS".
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 (ARTERIALS) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
- PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 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.

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|------------------------------|------------|-----------|---|--|--------|----------------|------|--------|------|----|-----------------------------|-------------|---------|--------|--------------|-----------|--|--|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | KEDZIE AVE. (71ST ST - 77TH ST) GENERAL NOTES AND INDEX SHEET | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | |
| PLOT SCALE = 100.0000' / in. | DRAWN - | REVISED - | | | 2831 | FAU 2831 22 RS | COOK | 31 | 2 | | | | | | | | | |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - | | | | | | | | | CONTRACT NO. 62R43 | | | | | | | |
| | DATE - | REVISED - | | | | | | | | | ILLINOIS T.E.D. AID PROJECT | | | | | | | |

GENERAL NOTES (CITY OF CHICAGO)

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO AND OBTAIN ALL NECESSARY PERMITS.
2. THE CITY OF CHICAGO IS TO MAKE ADJUSTMENTS TO THEIR STREET LIGHTING AND/OR TRAFFIC SIGNAL FACILITIES. THE CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH THE CITY OF CHICAGO IN THESE ADJUSTMENTS. THIS COORDINATION AND COOPERATION BY THE CONTRACTOR WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COSTS OF THE CONTRACT.
3. ALL CATCH BASINS IN THE CITY OF CHICAGO SHALL MEET THE DEPARTMENT OF SEWERS' STANDARDS.
4. THE LICENSED SEWER CONTRACTOR MUST SUBMIT TWO (2) SETS OF PLANS APPROVED BY THE DEPARTMENT OF SEWERS FOR THE ISSUE OF THE SEWER PERMIT IN SUITE 410 - 333 SOUTH STATE STREET, CHICAGO, IL 60604. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF SEWERS.
5. IF THE SEWER PIPE COVER IS REDUCED TO LESS THAN THREE (3) FEET, CONCRETE ENCASEMENT OF THE SEWER OR REPLACEMENT OF THESE SEWERS WITH CLASS 52 DUCTILE IRON PIPE WILL BE REQUIRED.
6. PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
7. BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED IN SUITE 410 - 333 SOUTH STATE STREET, CHICAGO, IL 60604.
8. ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND LIDS ON SEWER STRUCTURES, SHALL BE REPLACED WITH NEW DEPARTMENT OF SEWERS' STANDARD FRAMES AND LIDS.
9. OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.
10. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

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|-------------------------------|------------|-----------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KEDZIE AVE. (71ST ST – 77TH ST)
GENERAL NOTES AND INDEX SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 3 |
| CONTRACT NO. 62R43 | | | | |
| | | ILLINOIS | FED. AID PROJECT | |

| SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE | | | | | | SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE | | | | | | | |
|-----------------------|---|-------|------------------------|------------------------|-----------------|--|--|--|-----------------------|----------|--|------------------------|------------------------|------------------------|-----------------|--|--|--|--|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES URBAN | 0005 80% FED 20% STATE | 0005 100% STATE | | | | | CODE NO | ITEM | UNIT | TOTAL QUANTITIES URBAN | 0005 80% FED 20% STATE | 0005 100% STATE | | | | |
| 20200100 | EARTH EXCAVATION | CU YD | 15 | 15 | | | | | | 42001300 | PROTECTIVE COAT | SO YD | 629 | 629 | | | | | |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SO YD | 77 | 77 | | | | | | 42300200 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH | SO YD | 5 | 5 | | | | | |
| 25200110 | SODDING, SALT TOLERANT | SO YD | 77 | 77 | | | | | | 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | SO YD | 23 | 23 | | | | | |
| 25200200 | SUPPLEMENTAL WATERING | UNIT | 0.1 | 0.1 | | | | | | 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SO FT | 1182 | 1182 | | | | | |
| 35501316 | HOT-MIX ASPHALT BASE COURSE, 8" | SO YD | 18 | 18 | | | | | | 42400410 | PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH | SO FT | 869 | 869 | | | | | |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 12906 | 12906 | | | | | | 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SO YD | 19243 | 19243 | | | | | |
| 40600370 | LONGITUDINAL JOINT SEALANT | FOOT | 11603 | 11603 | | | | | | 44000200 | DRIVEWAY PAVEMENT REMOVAL | SO YD | 45 | 45 | | | | | |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | TON | 58 | 58 | | | | | | 44000600 | SIDEWALK REMOVAL | SO FT | 2050 | 2050 | | | | | |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SO YD | 247 | 247 | | | | | | 44201803 | CLASS D PATCHES, TYPE II, 13 INCH | SO YD | 306 | 306 | | | | | |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 794 | 794 | | | | | | 44201807 | CLASS D PATCHES, TYPE III, 13 INCH | SO YD | 409 | 409 | | | | | |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 2 | 2 | | | | | | 44201809 | CLASS D PATCHES, TYPE IV, 13 INCH | SO YD | 310 | 310 | | | | | |
| 40605026 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 | TON | 1886 | 1886 | | | | | | 60252800 | CATCH BASINS TO BE RECONSTRUCTED | EACH | 1 | 1 | | | | | |
| | | | | | | | | | | 60257900 | MANHOLES TO BE RECONSTRUCTED | EACH | 1 | 1 | | | | | |
| * = SPECIALTY ITEMS | | | | | | | | | | | | | | | | | | | |

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 USER NAME = AlanParayno
 DESIGNED -
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 DATE -
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 2/2/2024

REVISOR -
 REVISIONS -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KEDZIE AVENUE: (71ST ST - 77TH ST)
 SUMMARY OF QUANTITIES**

SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 R5 | COOK | 31 | 4 |
| CONTRACT NO. 62R43 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

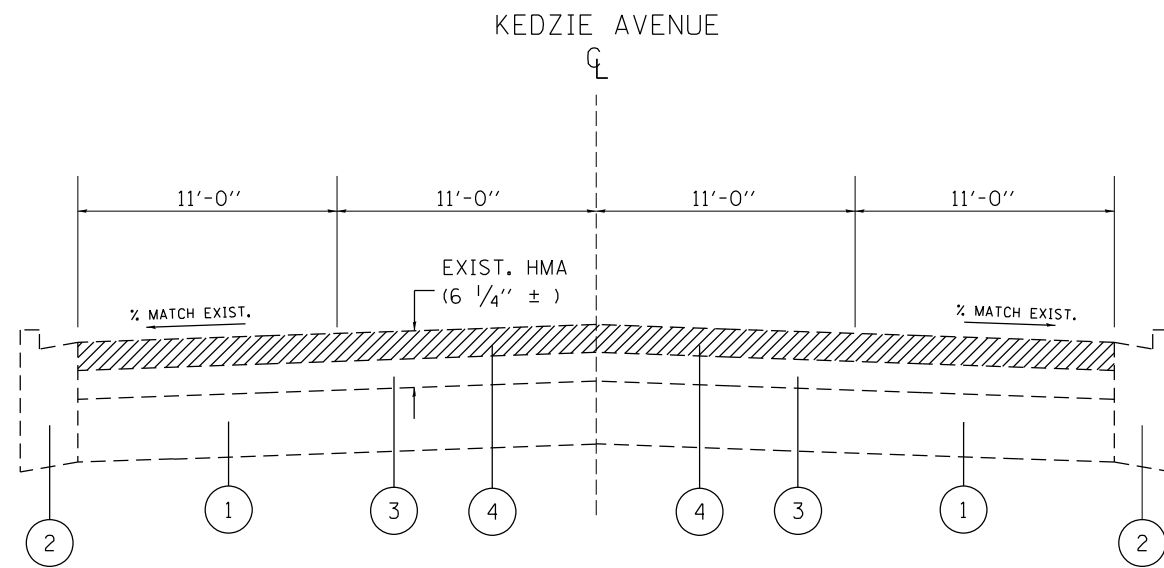
| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES URBAN | CONSTRUCTION TYPE CODE | | | | | SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES URBAN | CONSTRUCTION TYPE CODE | | | | | | |
|-----------------------|---|--------|------------------------|------------------------|-----------------|--|--|--|-----------------------|------------|--|------------------------|------------------------|------------------------|-----------------|--|--|--|--|
| CODE NO | ITEM | UNIT | | 0005 80% FED 20% STATE | 0005 100% STATE | | | | | CODE NO | ITEM | | UNIT | 0005 80% FED 20% STATE | 0005 100% STATE | | | | |
| 60300105 | FRAMES AND GRATES TO BE ADJUSTED | EACH | 8 | 8 | | | | | | 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | 1 | | | | | |
| 60300305 | FRAMES AND LIDS TO BE ADJUSTED | EACH | 10 | 10 | | | | | | | | | | | | | | | |
| 60406000 | FRAMES AND LIDS, TYPE 1, OPEN LID | EACH | 1 | 1 | | | | | | 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 16725 | 16725 | | | | | |
| 60406100 | FRAMES AND LIDS, TYPE 1, CLOSED LID | EACH | 1 | 1 | | | | | | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SO FT | 6969 | 6969 | | | | | |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 15 | 15 | | | | | | 70300211 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT | SO FT | 110 | 110 | | | | | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 1 | 1 | | | | | | 70300221 | TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT | FOOT | 8891 | 8891 | | | | | |
| * 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | L SUM | 1 | 1 | | | | | | 70300241 | TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT | FOOT | 1287 | 1287 | | | | | |
| * 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | L SUM | 1 | 1 | | | | | | 70300261 | TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT | FOOT | 99 | 99 | | | | | |
| * 66901006 | REGULATED SUBSTANCES MONITORING | CAL DA | 4 | 4 | | | | | | 70300281 | TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT | FOOT | 1307 | 1307 | | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | | 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | FOOT | 4182 | 4182 | | | | | |
| 70102625 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1 | 1 | | | | | | * 72000100 | SIGN PANEL - TYPE 1 | SO FT | 26 | 26 | | | | | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 | | | | | | * 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 30 | 30 | | | | | |
| * = SPECIALTY ITEMS | | | | | | | | | | | | | | | | | | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES URBAN | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|---|-------|------------------------|------------------------|-----------------|--|--|--|
| CODE NO | ITEM | UNIT | | 0005 80% FED 20% STATE | 0005 100% STATE | | | |
| * 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SO FT | 110 | 110 | | | | |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 8891 | 8891 | | | | |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 1287 | 1287 | | | | |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 99 | 99 | | | | |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 1307 | 1307 | | | | |
| * 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 1283 | 1283 | | | | |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 1435 | 1435 | | | | |
| 78300202 | PAVEMENT MARKING REMOVAL - WATER BLASTING | SO FT | 6431 | 6431 | | | | |
| * 88600600 | DETECTOR LOOP REPLACEMENT | FOOT | 200 | 200 | | | | |
| X0320050 | CONSTRUCTION LAYOUT (SPECIAL) | L SUM | 1 | 1 | | | | |
| * X4240800 | DETECTABLE WARNINGS (SPECIAL) | SO FT | 180 | 180 | | | | |
| X4400501 | COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET | FOOT | 60 | 60 | | | | |
| X4400503 | COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET | FOOT | 1156 | 1156 | | | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES URBAN | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|--------|------------------------|------------------------|-----------------|--|--|--|
| CODE NO | ITEM | UNIT | | 0005 80% FED 20% STATE | 0005 100% STATE | | | |
| X5537800 | STORM SEWERS TO BE CLEANED 12" | FOOT | 300 | 300 | | | | |
| X6030310 | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | EACH | 20 | 20 | | | | |
| X6700407 | ENGINEER'S FIELD OFFICE, TYPE A (D1) | CAL MO | 12 | 12 | | | | |
| Z0018500 | DRAINAGE STRUCTURES TO BE CLEANED | EACH | 20 | 20 | | | | |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SO FT | 228 | 228 | | | | |

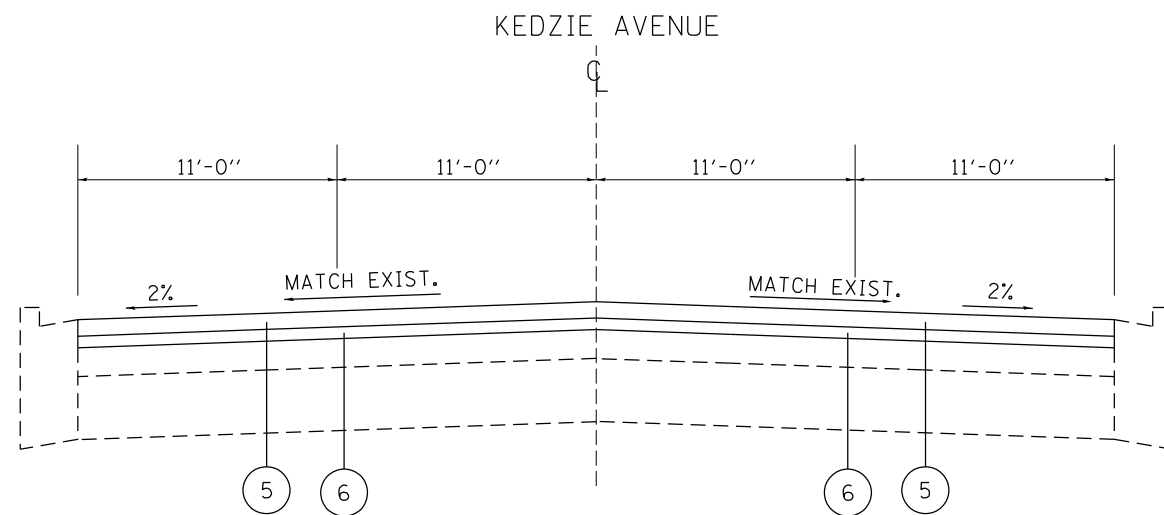
* = SPECIALTY ITEMS

| | | | | | | | | | | | |
|--|-------------------------|------------|-----------|---|---|---|----------------|--------|--------------|-----------|--|
| FILE NAME = | USER NAME = AlanParayno | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | KEDZIE AVENUE: (71ST ST - 77TH ST) SUMMARY OF QUANTITIES | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| pw\N\dot-pw\benley.com\PW\DOT\Documents\1\DOT - Office\District 1\Projects\DI\3422\CAD\Drawn\Design\DI\3422-stf-5000.DWG | DRAWN - | REVISED - | REVISED - | | | 2831 | FAU 2831 22 R5 | COOK | 31 | 6 | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - | REVISED - | | | CONTRACT NO. 62R43 | | | | | |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - | REVISED - | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | |



EXISTING TYPICAL SECTION
 STA. 12+51 TO STA. 25+30
 STA. 30+33 TO STA. 53+41

HMA OVERLAY OMISSION:
 STA. 25+30 TO STA. 30+33



PROPOSED TYPICAL SECTION
 STA. 12+51 TO STA. 25+30
 STA. 30+33 TO STA. 53+41

LEGEND

- ① EXIST. PCC PAVEMENT, ± 9
- ② EXIST. COMB. CONCRETE CURB AND GUTTER
- ③ EXIST. HMA AFTER MILLING, ± 4"
- ④ PROP. HMA SURF REM 2 1/2"
- ⑤ PROP. P SC SMA 9.5 F N80, 1 3/4"
- ⑥ PROP. P HMA BC IL-4.75 N50, 3/4"

* QMP = QUALITY MANAGEMENT PROGRAM

| MIXTURE TYPE | AIR VOIDS @ NDes | * QMP |
|--------------------------------------|------------------|---------|
| ROADWAY MAINLINE RESURFACING: | | |
| P SC SMA 9.5 F N80, 1 3/4" | 3.5% AT 80 GYR. | QCP |
| P HMA BC IL-4.75 N50, 3/4" | 3.5% AT 50 GYR. | QC / QA |

| | | |
|---------------------------------------|---------------|-------|
| HOT-MIX ASPHALT PATCHING: | | |
| CL D PATCH (HMA BINDER IL-19 mm), 13" | 4% AT 70 GYR. | QC/QA |

| | | |
|---|-----------------|---------|
| HMA DRIVEWAY FOR CURB AND GUTTER RESTORATION | | |
| HMA SC IL-9.5 D N50, 2" | 4.0% AT 50 GYR. | QCP |
| HMA BASE CSE (HMA BINDER IL-19 mm), 8" | 3.5% AT 50 GYR. | QC / QA |

QMP Designation: Quality Control/Quality Assurance (QC/QA);
 Quality Control for Performance (QCP)

NOTE:

- THE CONTRACTOR SHALL MILL THE ROADWAY FIRST, THEN PATCH, PER BD-22 DETAIL.
- THE PROPOSED LOGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY. HMA BINDER COURSE, IL-4.75, N50

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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 SPECIAL PROVISIONS.

MODEL: Default
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| | | |
|------------------------------|------------|-----------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

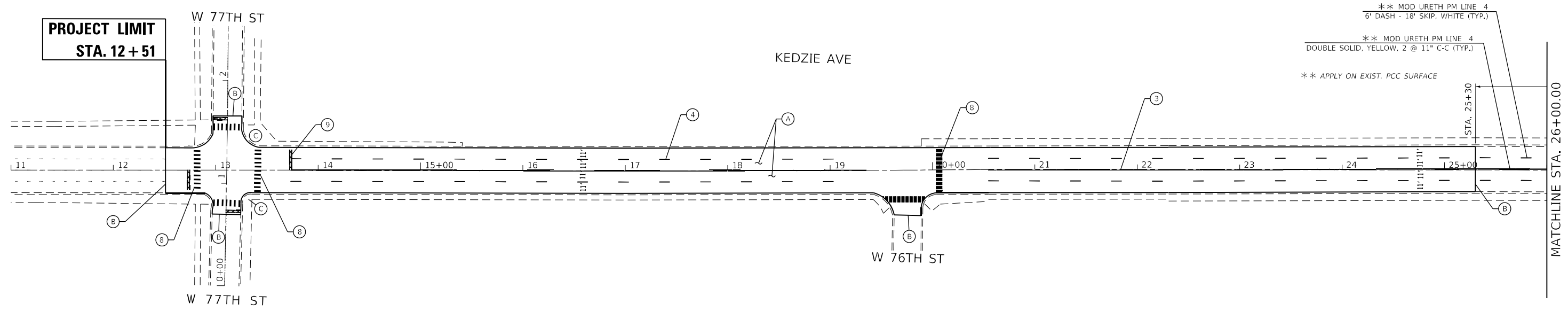
**KEDZIE AVENUE: (71ST ST - 77TH ST)
 EXISTING AND PROPOSED TYPICAL SECTIONS**

SCALE: 1" = 50" SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 7 |
| CONTRACT NO. 62R43 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PROJECT LIMIT
STA. 12+51



PROPOSED PAVEMENT STRIPING LEGEND

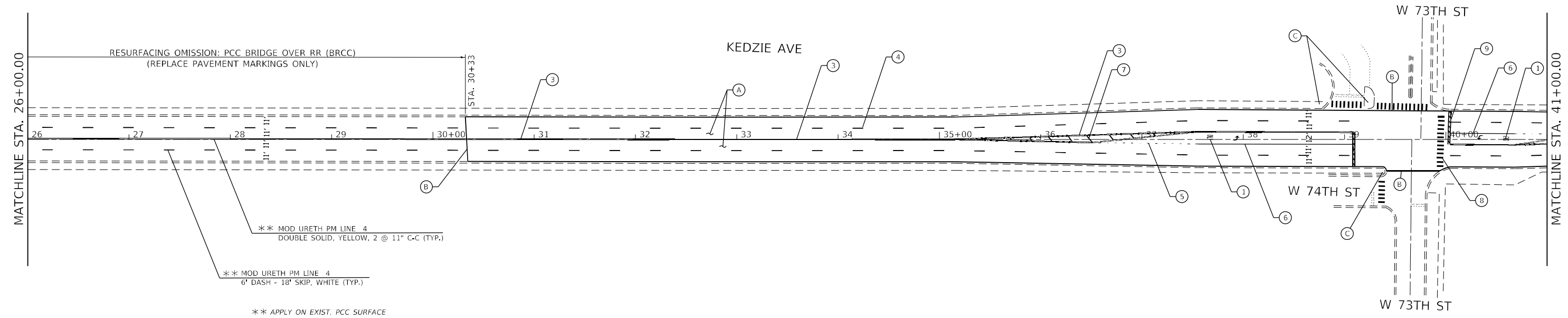
* = THERMOPLASTIC PAVEMENT MARKING -

- ① * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ② * LINE 4" SOLID YELLOW LINE (TYP.)
- ③ * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ④ * PROP. THERMO. PVT. MRK.-4", 6" DASH - 18" SKIP, WHITE (TYP.)
- ⑤ * LINE 6" SKIP-DASH WHITE LINE, 2" DASH - 6" SKIP (TYP.)
- ⑥ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)
- ⑦ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
- ⑧ * LINE 24" THERMO. PVT. MRK. CROSSING, 6-FT BARS, WHITE (TYP.)
- ⑨ * LINE 24" SOLID WHITE STOP BAR

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-24. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS PROPOSED FOR REMOVAL SHALL NOT BE REPLACED.

PROPOSED ROADWAY WORK

- A PROP. HMA SURF REM 2 1/2"
PROP. P SC SMA 9.5 F N80, 1 3/4"
PROP. P HMA BC IL-4.75 N50, 3/4"
- B PROP. HMA SURF REM BUTT JT
(LIMIT OF RESURFACING)
- C PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT
(SEE DETAIL SHEETS)
- D PROP. SIGN PANEL TYPE 1
-W11-2, 36" X 36"
-W16-7P, 30" X 18"



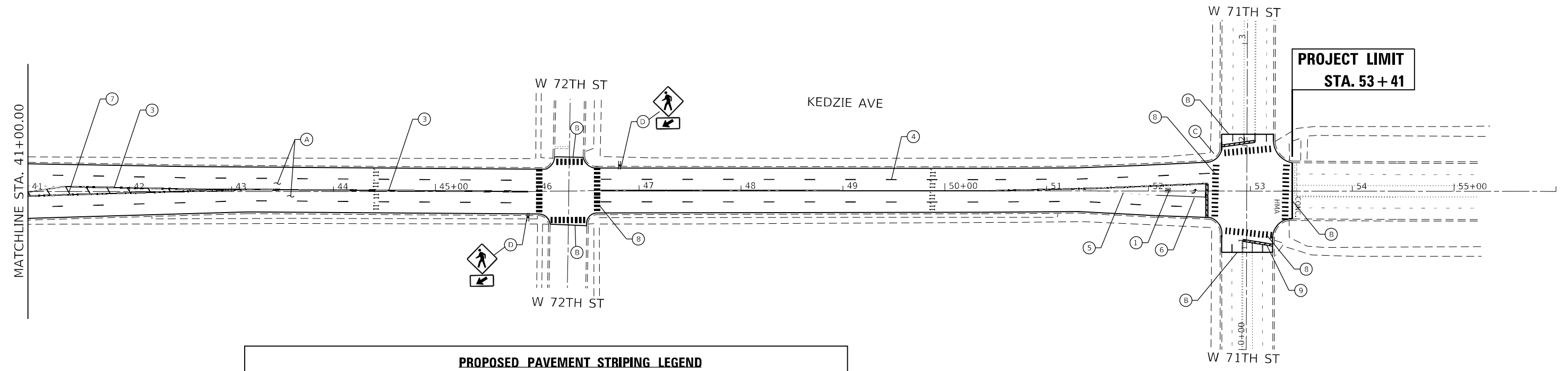
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| | | |
|-----------------------------|------------|-----------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - |
| PLOT SCALE = 100,000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|--|---------------------|
| ROADWAY PLAN | |
| KEDZIE AVE (71ST ST TO 77TH ST) | |
| SCALE: 1"=50' | SHEET 1 OF 2 SHEETS |
| STA. 11+00.00 | TO STA. 41+00.00 |

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 8 |
| CONTRACT NO. 62R43 | | | ILLINOIS FED. AID PROJECT | |



PROPOSED PAVEMENT STRIPING LEGEND

* = THERMOPLASTIC PAVEMENT MARKING -

- | | |
|---|--|
| ① * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.) | ⑥ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.) |
| ② * LINE 4" SOLID YELLOW LINE (TYP.) | ⑦ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.) |
| ③ * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.) | ⑧ * LINE 24" THERMO. PVT. MRK. CROSSING, 6-FT BARS, WHITE (TYP.) |
| ④ * PROP. THERMO. PVT. MRK.-4", 6" DASH - 18" SKIP, WHITE (TYP.) | ⑨ * LINE 24" SOLID WHITE STOP BAR |
| ⑤ * LINE 6" SKIP-DASH WHITE LINE, 2" DASH - 6" SKIP (TYP.) | |

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-24. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS PROPOSED FOR REMOVAL SHALL NOT BE REPLACED.

PROPOSED ROADWAY WORK

- | | |
|-----|---|
| (A) | PROP. HMA SURF REM 2 1/2" PROP. P SC SMA 9.5 F N80, 1 3/4" PROP. P HMA BC IL-4.75 N50, 3/4" |
| (B) | PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING) |
| (C) | PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS) |
| (D) | PROP. SIGN PANEL- TYPE 1 -W11-2, 36" X 36" -W16-7P, 30" X 18" |

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| | | |
|------------------------------|------------|-----------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

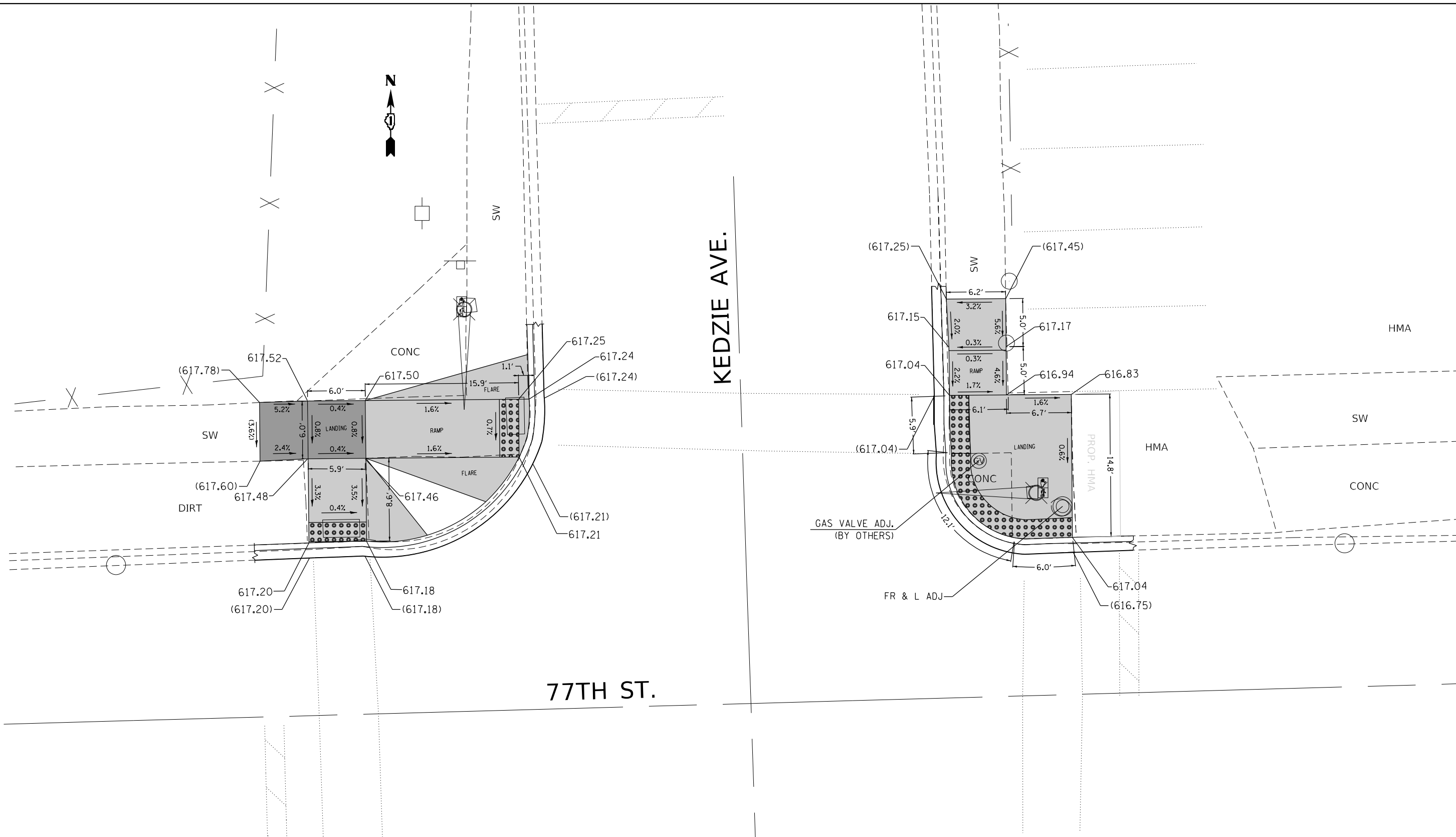
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
KEDZIE AVE (71ST ST TO 77TH ST)**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 41+00.00 TO STA. 56+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|---------------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 9 |
| | | | CONTRACT NO. 62R43 | |
| | | | ILLINOIS FED. AID PROJECT | |

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REFERENCE BENCHMARK ELEV: 618.96
 BENCHMARK DESCRIPTION : SQUARE MARK ON N.W. CORNER OF CITY T.C.B.
 BENCHMARK LOCATION : SOUTHWEST CORNER OF KEDZIE AVE. AND 77TH ST.

LEGEND

| | | | |
|--|-----------------------------|--|-------------------------------|
| xx.xx' | EXISTING LENGTH | | - PROP. PC CONC SIDEWALK 8 |
| | - PROP. DETECTABLE WARN SPL | | - PROP. PC CONC SIDEWALK 5 |
| | EXISTING ELEVATION/SLOPE | | - PROP. SIDEWALK REM |
| | | | - PROP. TOPSOIL F & P 4 |
| | | | - PROP. SODDING SALT TOLERANT |

**ADA IMPROVEMENT AT
NW & NE CORNERS OF KEDZIE AVE. AND 77TH ST.**

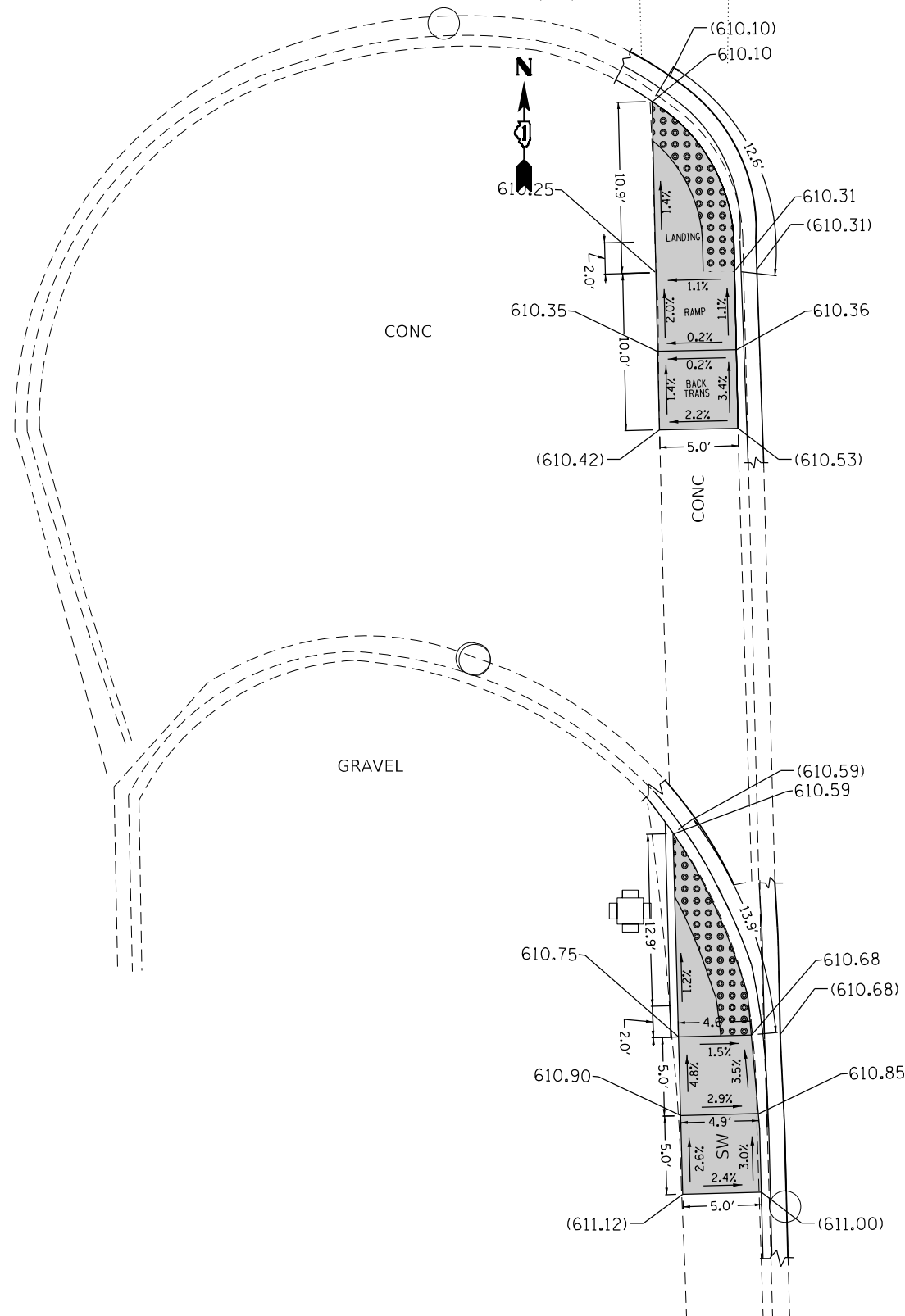
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|------------------------------|------------|-----------|--|
| USER NAME = Alan,Parayno | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 10,0000 * / in. | CHECKED - | REVISED - | |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
KEDZIE AVE - (71ST ST - 77TH ST)**

| | | | | | | |
|--------|-------|----|--------|------|----|------|
| SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. |
|--------|-------|----|--------|------|----|------|

| | | | | |
|---------------------------|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 10 |
| | | | CONTRACT NO. 62R43 | |
| ILLINOIS FED. AID PROJECT | | | | |



KEDZIE AVE.



REFERENCE BENCHMARK ELEV: 611.18
 BENCHMARK DESCRIPTION : X ON BOLT AT CONC. BASE OF MAST ARM
 BENCHMARK LOCATION : SOUTHWEST CORNER ENTRANCE

LEGEND

- xx.xx' EXISTING LENGTH
- [Grid Pattern] - PROP. DETECTABLE WARN SPL
- () EXISTING ELEVATION/SLOPE
- [Solid Grey] - PROP. PC CONC SIDEWALK 8
- [Dark Grey] - PROP. PC CONC SIDEWALK 5
- [Cross-hatch] - PROP. SIDEWALK REM
- [Diagonal Lines] - PROP. TOPSOIL F & P 4
- [Dotted] - PROP. SODDING SALT TOLERANT

**ADA IMPROVEMENT AT
 SW CORNER OF KEDZIE AVE. AND 73RD ST.**

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| | | |
|------------------------------|------------|-----------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 10,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 KEDZIE AVE - (71ST ST - 77TH ST)**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 11 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62R43 | |

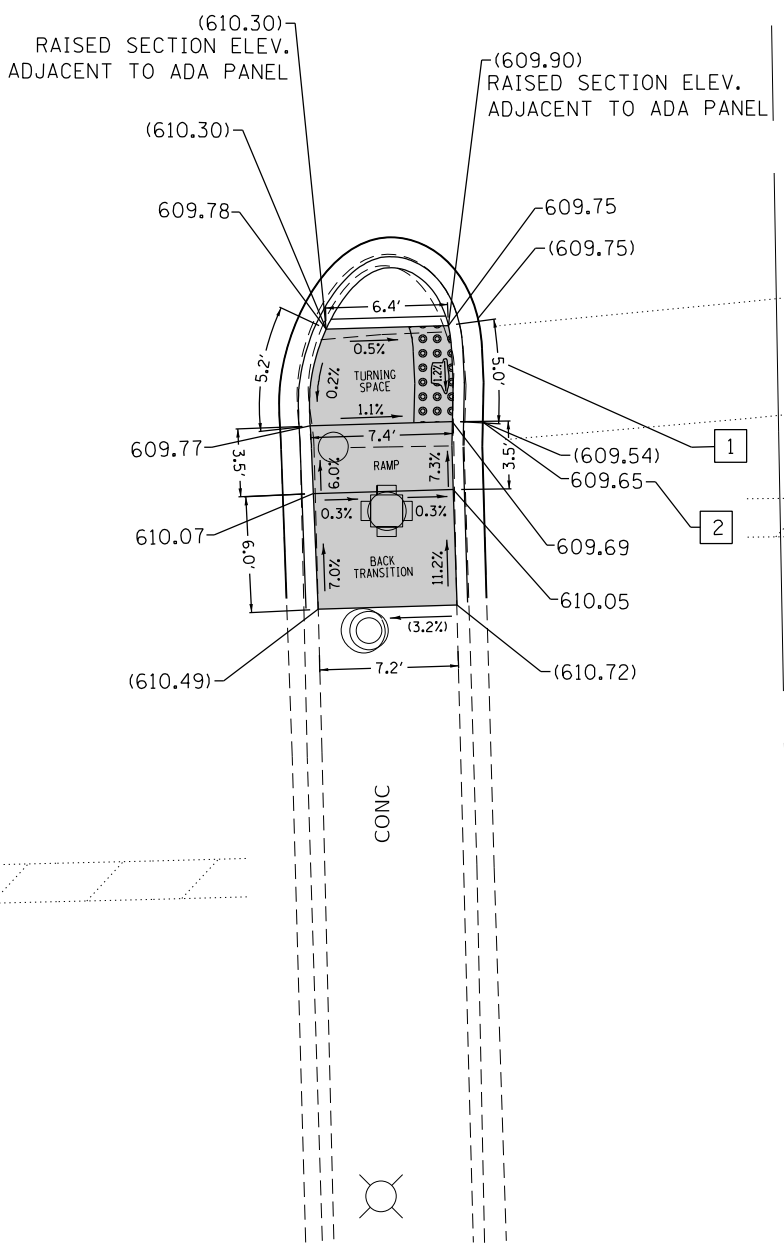
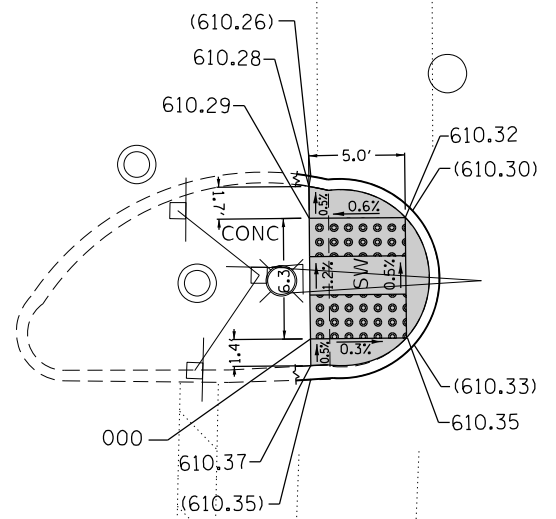


73RD ST.

73RD ST.

74TH ST.

KEDZIE AVE.



- 1 - VARIABLE MILLING DEPTH AND VARIABLE PAVING THICKNESS IN FRONT OF ADA CURB RAMP (LEV. BINDER AND/OR SURFACE CRSE) TO CORRECT ADA PANEL CROSS SLOPE.
- TO BE DIRECTED BY RESIDENT ENGINEER IF NECESSARY.
- 2 - CORRECTED EDGE OF PAVEMENT ELEVATION PER NOTE ITEM 1 ABOVE.

REFERENCE BENCHMARK ELEV: 611.18
 BENCHMARK DESCRIPTION : X ON BOLT AT CONC. BASE OF MAST ARM
 BENCHMARK LOCATION : SOUTHWEST CORNER ENTRANCE

LEGEND

- xx.xx' EXISTING LENGTH
- [Grid Pattern] - PROP. DETECTABLE WARN SPL
- () EXISTING ELEVATION/SLOPE
- [Light Gray Box] - PROP. PC CONC SIDEWALK 8
- [Dark Gray Box] - PROP. PC CONC SIDEWALK 5
- [Cross-hatch Box] - PROP. SIDEWALK REM
- [Diagonal-hatch Box] - PROP. TOPSOIL F & P 4
- [Dotted Box] - PROP. SODDING SALT TOLERANT

ADA IMPROVEMENT
 - AT SW CORNER OF KEDZIE AVE AND 73RD ST.
 - AT PCC MEDIAN NOSE ON THE S. LEG OF KEDZIE AVE.

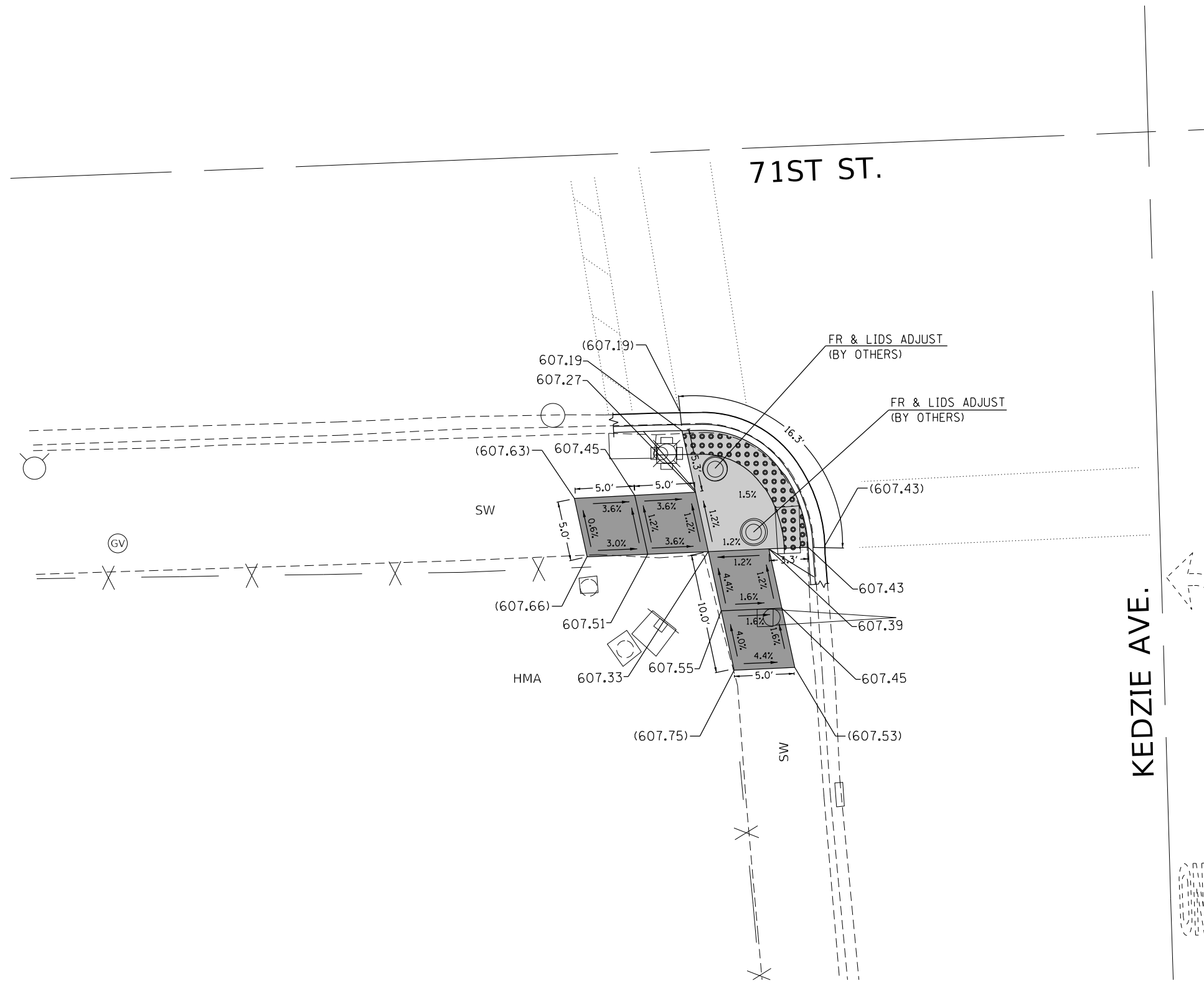
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| | | |
|------------------------------|------------|-----------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 10,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

| | | | |
|---|-------|----|---------|
| SIDEWALK DETAIL PLAN | | | |
| KEDZIE AVE - (71ST ST - 77TH ST) | | | |
| SCALE: | SHEET | OF | SHEETS |
| | STA. | | TO STA. |

| | | | | |
|---------------------------|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 12 |
| | | | CONTRACT NO. 62R43 | |
| ILLINOIS FED. AID PROJECT | | | | |



REFERENCE BENCHMARK ELEV: 609.20
 BENCHMARK DESCRIPTION : S.W. BOLT ON HYDRANT
 BENCHMARK LOCATION : S.W. CORNER OF KEDZIE AVE. AND 71ST ST.

LEGEND

- xx.xx' EXISTING LENGTH
- PROP. DETECTABLE WARN SPL
- () EXISTING ELEVATION/SLOPE
- PROP. PC CONC SIDEWALK 8
- PROP. PC CONC SIDEWALK 5
- PROP. SIDEWALK REM
- PROP. TOPSOIL F & P 4
- PROP. SODDING SALT TOLERANT

**SW CORNER OF 71ST ST.
AND KEDZIE AVE.**

MODEL: Default
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| | | |
|------------------------------|------------|-----------|
| USER NAME = Alan,Parayno | DESIGNED - | REVISED - |
| DRAWN - | DRAWN - | REVISED - |
| PLOT SCALE = 10,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
KEDZIE AVE - (71ST ST -77TH ST)**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 13 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62R43 | |

CONSTRUCTION NOTES
 LOCATION OF ALL UNDERGROUND FACILITIES SHOWN ARE APPROXIMATE BUT FOREMAN SHOULD CALL ALL UTILITIES FOR EXACT LOCATIONS OF THEIR UNDERGROUND FACILITIES BEFORE STARTING ANY EXCAVATION

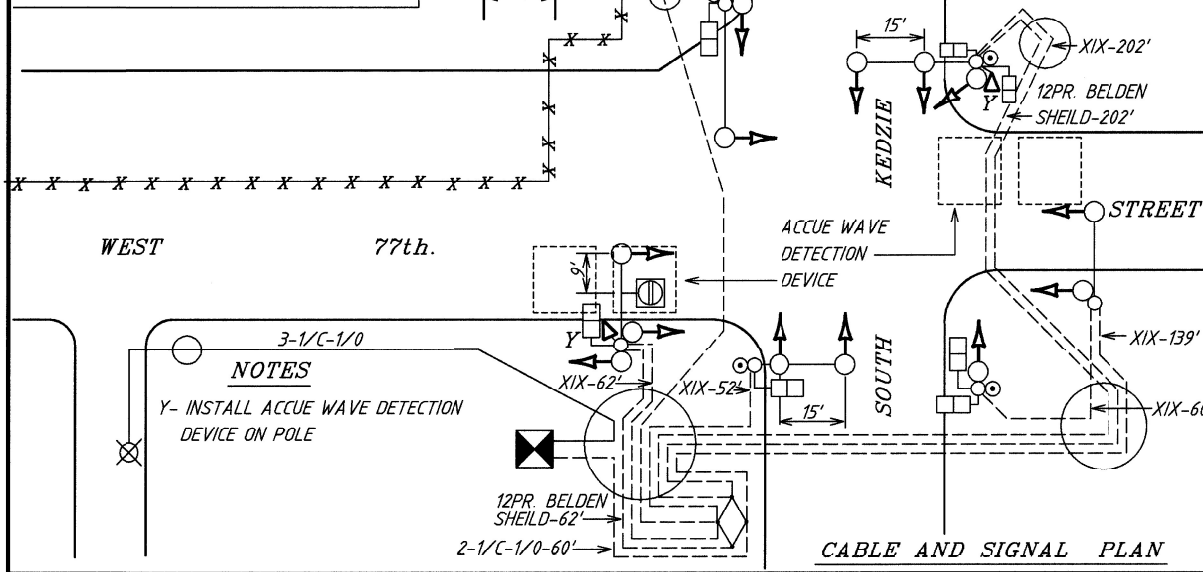
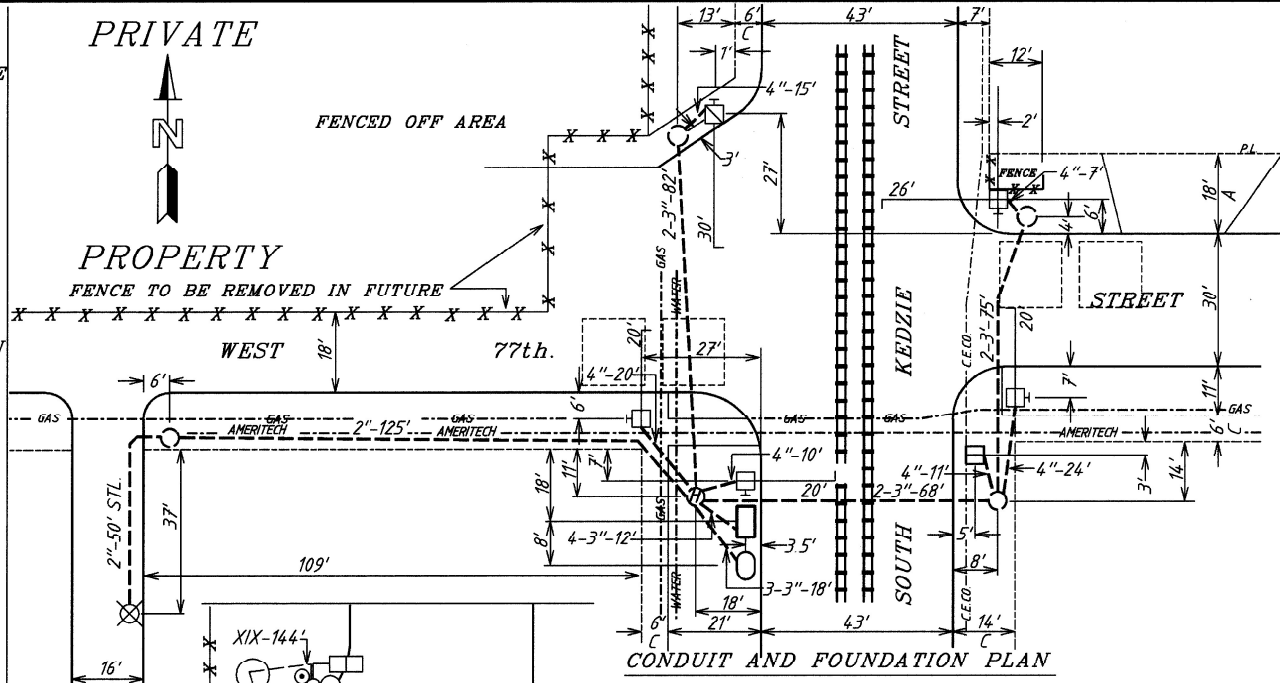
ALL FOUNDATIONS IN CONCRETE SIDEWALK TO BE PER DRAWING NO.828

ALL VEHICULAR SIGNALS TO BE 3-SECTION UNITS AND ALL PEDESTRIAN SIGNALS TO BE 2-SECTION UNITS. BOTH 12" IN SIZE.

PEDESTRIAN SIGNALS TO BE INSTALLED BELOW VEHICULAR SIGNAL WHERE APPLICABLE

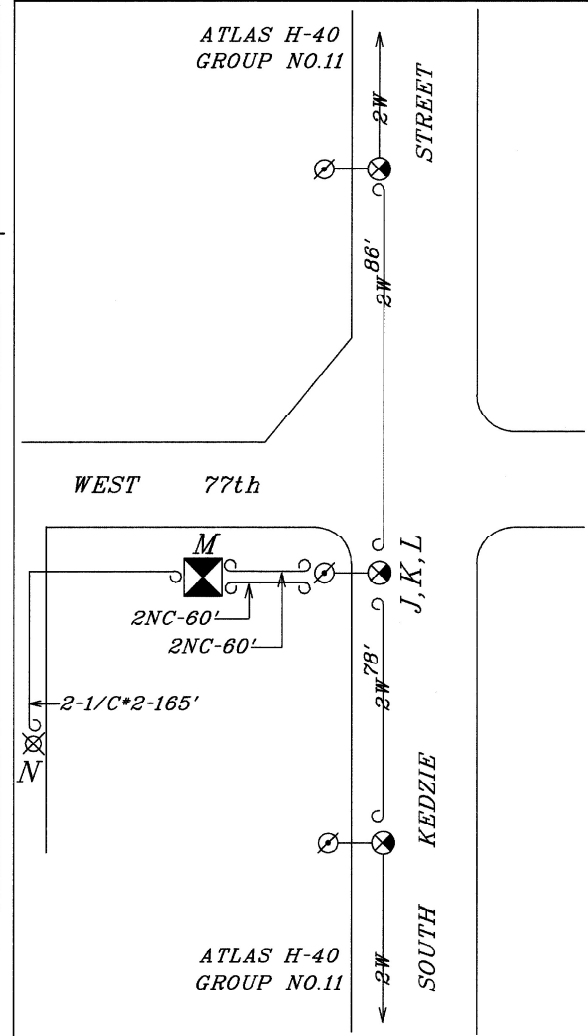
WHEN LAYING OUT PROJECT CALL ENGINEER RICK BYRNE AT 746-4648 FOR ANY QUESTIONS

FOR CODE SHEET SEE DRAWING NO. 826



| DATE | REVISION |
|--|-------------------------------|
| TRAFFIC CONTROL SIGNALS SOUTH KEDZIE STREET AND WEST 77th. STREET | |
| CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING | |
| DRAFTSMAN RICK BYRNE | ENGINEER RICK BYRNE |
| SUPERVISING ENGINEER | ELEC. DESIGN ENGR. |
| ENGINEER OF ELECTRICITY: | DWG. NO. 23762 |
| GEN'L. SUPT. OF ELECTRICITY: | DATE: |
| DEPUTY COMMISSIONER: | SCALE: 1"=20' |
| SIZE: 16"X12" | |

FOR INFORMATION ONLY
 NOTE: THIS IS AN EXISTING TRAFFIC SIGNAL DETAIL
 — NOT A PROPOSED TRAFFIC SIGNAL DESIGN.



M- REMOVE STREET LIGHT CONTROLLER AND PEDESTAL BREAK DOWN FOUNDATION.

N- REMOVE SERVICE EQUIPMENT FROM C.E.CO. WOOD POLE
 REMOVE 2W-164', 3NC- 120' AND 2-1/C*2-165'

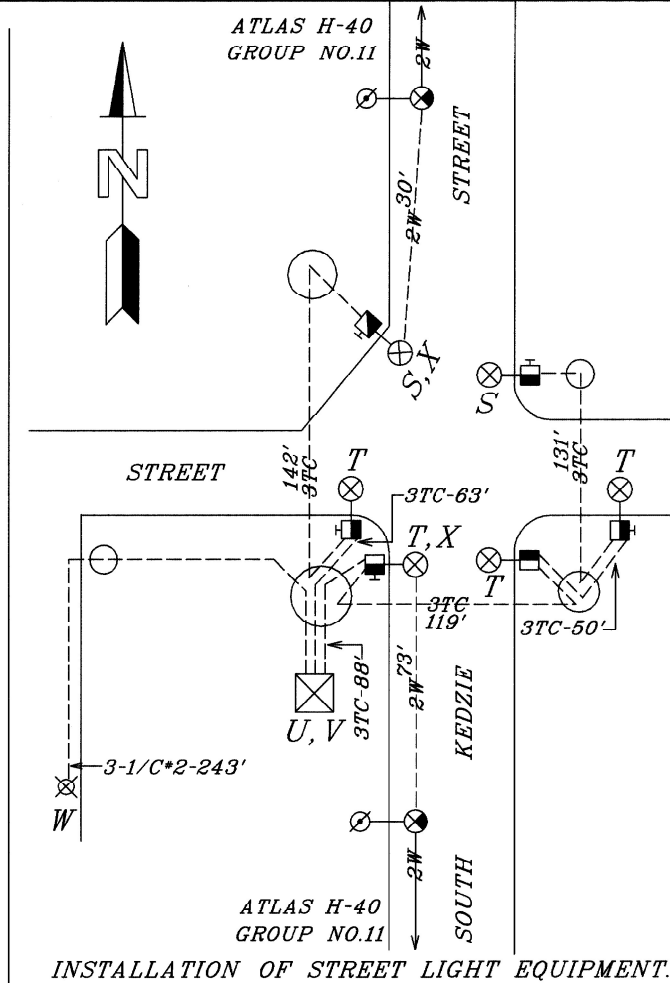
CONSTRUCTION NOTES

S- INSTALL 15' MAST ARM AND 310 W. H.P.S.V. LUMINAIRE

T- INSTALL 12' MAST ARM AND 310 W. H.P.S.V. LUMINAIRE

U- INSTALL 100 AMP STREET LIGHT CONTROLLER ON BASE MOUNTED FOUNDATION

V- INSTALL I-P -70 AMP CIRCUIT BREAKER



CONSTRUCTION NOTES cont.

W- INSTALL SERVICE EQUIPMENT AS PER DRAWING NO. 11925

X- INSTALL 2-WIRE SECONDARY RACK
 INSTALL 3TC- 593', 2W-103' AND 2-1/C*4-243'

| DATE | REVISION |
|--|-------------------------------|
| TRAFFIC CONTROL SIGNALS SOUTH KEDZIE STREET AND WEST 77th. STREET | |
| CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING | |
| DRAFTSMAN RICK BYRNE | ENGINEER RICK BYRNE |
| SUPERVISING ENGINEER | ELEC. DESIGN ENGR. |
| ENGINEER OF ELECTRICITY: | DWG. NO. 23762 |
| GEN'L. SUPT. OF ELECTRICITY: | DATE: |
| DEPUTY COMMISSIONER: | SCALE: NONE |
| SIZE: 22"X36" | |

MODEL: Default
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| | | |
|-----------------------------|------------|-----------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - |
| PLOT SCALE = 10,0000 */ in. | DRAWN - | REVISED - |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| DETECTOR LOOPS | |
|----------------------------------|------------------------------|
| KEDZIE AVE - (71ST ST - 77TH ST) | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 14 |
| CONTRACT NO. 62R43 | | | ILLINOIS FED. AID PROJECT | |

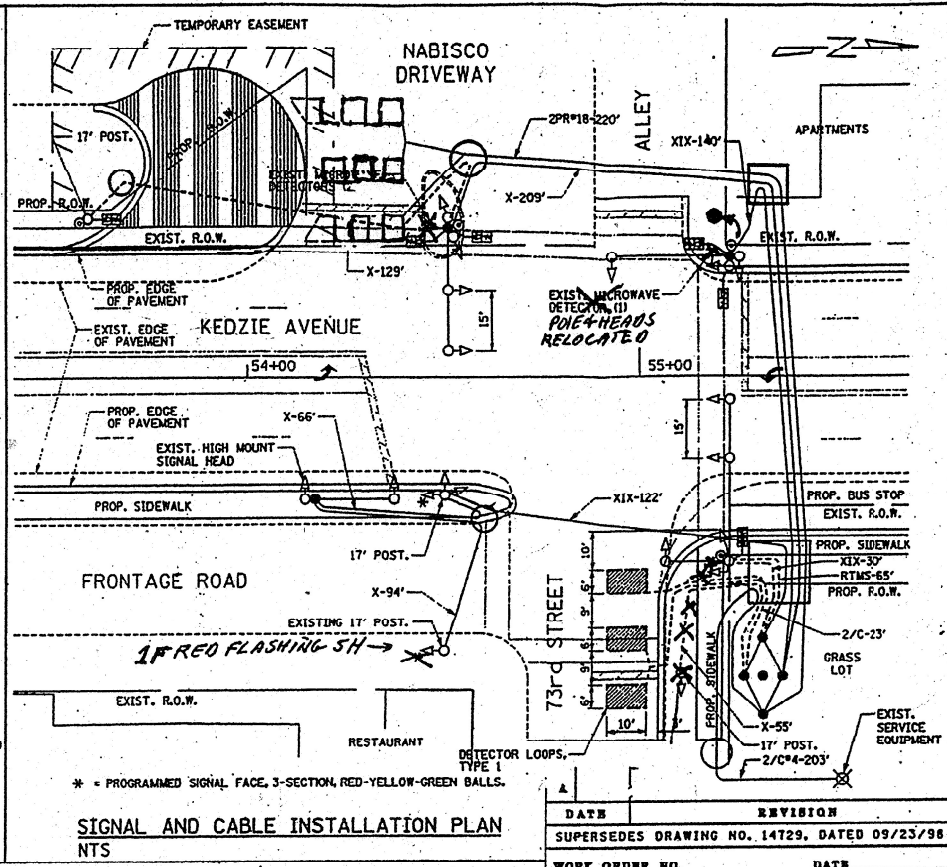
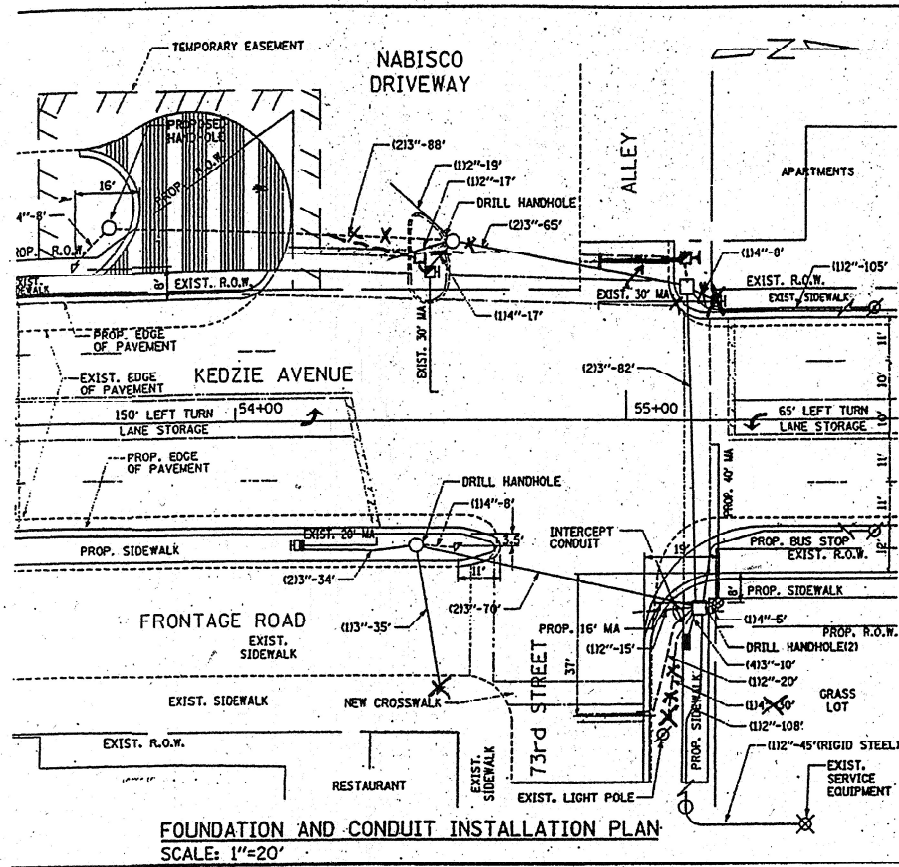
| |
|---------------------------|
| APPROVED AS WORKING PLAN |
| BY |
| REVISIONS OF WORKING PLAN |
| |
| |
| |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | 2000-029 1 | COOK | 127 | 32 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

BILL OF MATERIALS

- | | | | |
|-----|------|--|---|
| 90 | FOOT | TRENCH AND BACKFILL FOR ELECTRICAL WORK | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1 |
| 34 | WEEK | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SHALL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY'S BUREAU OF ELECTRICITY YARD AS PER THE TRAFFIC SIGNAL SPECIFICATIONS. |
| 3 | EACH | TRAFFIC SIGNAL POST, ALUMINUM, 17 FOOT ELECTRICAL HANDHOLE 30" IN DIAMETER WITH 2" FRAME AND LID | 1 EACH REMOVE POLE, STEEL, AB, 3 GAL, 34"-6" |
| 1 | EACH | POLE, STEEL, ANCHOR BASE, 12 1/2" DIA., 3-GAUGE, 34"-6" | 1 EACH REMOVE MAST ARM, STEEL, 15" |
| 2 | EACH | INTERCEPT EXISTING CONDUIT | 17 EACH REMOVE TS HEAD, 1 FACE |
| 1 | EACH | MAST ARM, STEEL, MONOTUBE 16 FOOT | 10 EACH REMOVE PED. SIGNAL HEAD |
| 4 | EACH | DRILL EXISTING MANHOLE OR HANDHOLE | 6 EACH REMOVE PED. PUSH BUTTON |
| 35 | FOOT | PVC CONDUIT IN TRENCH, 2" | 1 EACH REMOVE MONOTUBE M.A. WITH 2 SIGNALS, 40" |
| 51 | FOOT | PVC CONDUIT IN TRENCH, 4" | 2 EACH REMOVE TS POST, 17" |
| 3 | EACH | CONCRETE FOUNDATION, 20" DIAMETER, 7/4" ANCHOR RODS | 1 EACH REMOVE CONTROLLER |
| 1 | EACH | CONCRETE FOUNDATION, 30" DIAMETER, 1 1/2" ANCHOR RODS, 16 1/2" BOLT CIRCLE | 3 EACH REMOVE JUNCTION BOX, TSS 18 |
| 176 | FOOT | CONDUIT INSTALLATION BY DIRECTIONAL DRIVING, 2-3" DIA. PVC SCHEDULE 40 | 1 EACH REMOVE RTMS DETECTOR |
| 9 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | THE SALVAGED SIGNAL CONTROLLER SHALL BE DELIVERED TO THE CITY OF CHICAGO YARD AT 2451 SOUTH ASHLAND AVENUE, CHICAGO, ILLINOIS. |
| 3 | EACH | OPTICALLY PROGRAMMED SIGNAL HEAD 1-FACE, 3-SECTION, BRACKET MOUNTED | 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. |
| 7 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | REMOVE 10/C SIGNAL CABLE (90') AND 19/C 180' CABLE |
| 6 | EACH | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | |
| 4 | EACH | JUNCTION BOX, POLE OR POST MOUNTED | |
| 2 | EACH | PUSH BUTTON, PEDESTRIAN, POLE OR POST MOUNTED | |
| 143 | FOOT | DETECTOR LOOP, TYPE 1 | |
| 1 | EACH | RTMS DETECTOR | |
| 65 | FOOT | CABLE, LEAD-IN, FOR ACCUWAVE OR RTMS DETECTOR | |
| 25 | FOOT | ELECTRIC CABLE IN CONDUIT, #14, 2/C TWISTED, SHIELDED | |
| 184 | FOOT | ELECTRIC CABLE IN CONDUIT, NO. 12, 10/C | |
| 30 | FOOT | ELECTRIC CABLE IN CONDUIT, NO. 12, 19/C | |
| 1 | EACH | CITY OF CHICAGO TRAFFIC SIGNAL CONTROLLER IN BASE MOUNTED CABINET | |
| 1 | EACH | REMOVE EXISTING HANDHOLE | |
| 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | |
| 3 | EACH | REMOVE EXISTING CONCRETE FOUNDATION | |
| 170 | FOOT | REMOVE ELECTRIC CABLE FROM CONDUIT | |

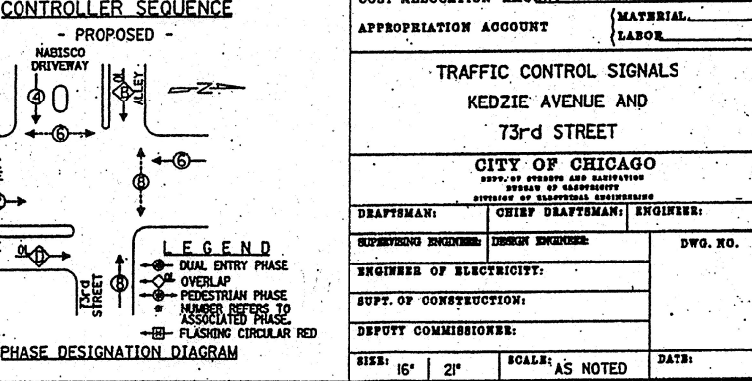
FOR INFORMATION ONLY
NOTE: THIS IS AN EXISTING TRAFFIC SIGNAL DETAIL - NOT A PROPOSED TRAFFIC SIGNAL DESIGN.



- CONSTRUCTION NOTES**
- FOREMAN TO CONTACT ALL UTILITIES PRIOR TO EXCAVATION FOR EXACT LOCATION OF THEIR UNDERGROUND FACILITIES AND VALVES.
 - ALL FOUNDATIONS IN SIDEWALK TO BE INSTALLED PER DRAWING #828 AND #837.
 - SIGNAL POST LOCATIONS ARE APPROXIMATE. LOCATIONS TO BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. CARE SHALL BE TAKEN TO AVOID UNDERGROUND UTILITIES.
 - TRAFFIC SIGNAL HEADS TO BE STANDARD 12" THREE SECTION, RED-YELLOW-GREEN BALLS, EXCEPT AS NOTED.
 - ALL PEDESTRIAN SIGNALS AND TRAFFIC SIGNALS SHALL BE 12".
 - MOUNT ALL PEDESTRIAN SIGNALS BELOW TRAFFIC SIGNALS WHERE APPLICABLE.
 - WIRING IN MANHOLES AND HANDHOLES SHALL BE RACKED.
 - TRAFFIC SIGNAL EQUIPMENT SHALL BE PAINTED GREEN.
 - FOR STANDARD CODES, SEE CITY OF CHICAGO, BUREAU OF ELECTRICITY STANDARD DRAWING NO. 876.
 - FOR ADDITIONAL CITY OF CHICAGO, BUREAU OF ELECTRICITY STANDARDS, SEE FOLLOWING DETAILS.

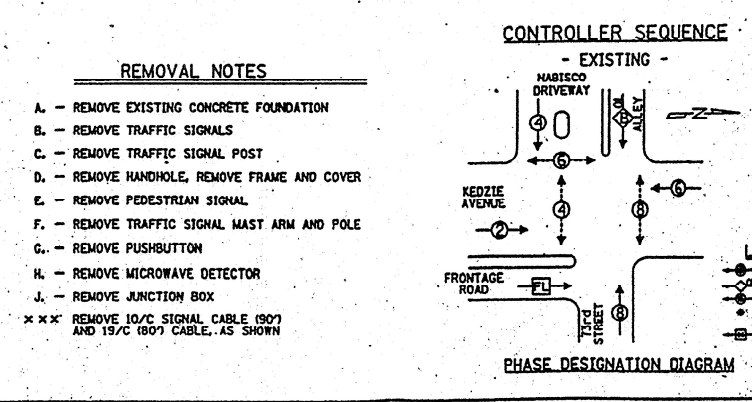
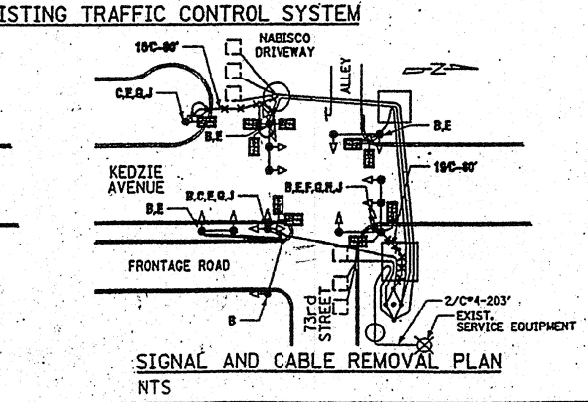
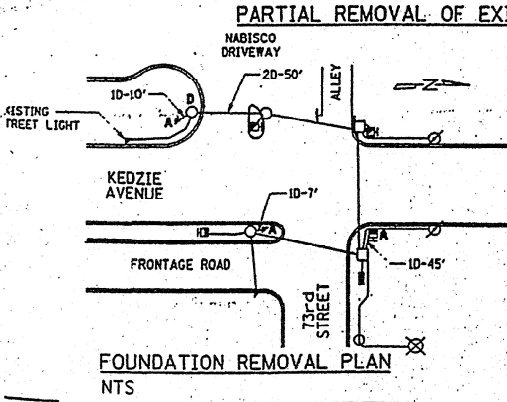
RECORD DRAWINGS
Lyons / Pinner Electric Inc.
(708) 588-6800
Bernie Fay
SUPERVISING ELECTRICIAN
DATE: 12-12-05

STREET LIGHTING MODERNIZATION BY THE CITY OF CHICAGO BUREAU OF ELECTRICITY.



| DATE | REVISION |
|--|----------------------------|
| SUPERSEDES DRAWING NO. 14729, DATED 09/23/98. | |
| WORK ORDER NO. | DATE |
| COST ALLOCATION AMOUNT | |
| APPROPRIATION ACCOUNT | MATERIAL / LABOR |
| TRAFFIC CONTROL SIGNALS KEDZIE AVENUE AND 73rd STREET | |
| CITY OF CHICAGO DEPT. OF STREETS AND MAINTENANCE BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING | |
| DRAFTSMAN: | CHIEF DRAFTSMAN; ENGINEER: |
| SUPERVISING ENGINEER: | DESIGN ENGINEER: |
| ENGINEER OF ELECTRICITY: | |
| SUPT. OF CONSTRUCTION: | |
| DEPUTY COMMISSIONER: | |
| SIZE: 16" x 21" | SCALE: AS NOTED |

| DATE | REVISION |
|--|----------------------------|
| WORK ORDER NO. | DATE |
| COST ALLOCATION AMOUNT | |
| APPROPRIATION ACCOUNT | MATERIAL / LABOR |
| TRAFFIC CONTROL SIGNALS KEDZIE AVENUE AND 73rd STREET | |
| CITY OF CHICAGO DEPT. OF STREETS AND MAINTENANCE BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING | |
| DRAFTSMAN: | CHIEF DRAFTSMAN; ENGINEER: |
| SUPERVISING ENGINEER: | DESIGN ENGINEER: |
| ENGINEER OF ELECTRICITY: | |
| SUPT. OF CONSTRUCTION: | |
| DEPUTY COMMISSIONER: | |
| SIZE: 22" x 36" | SCALE: AS NOTED |

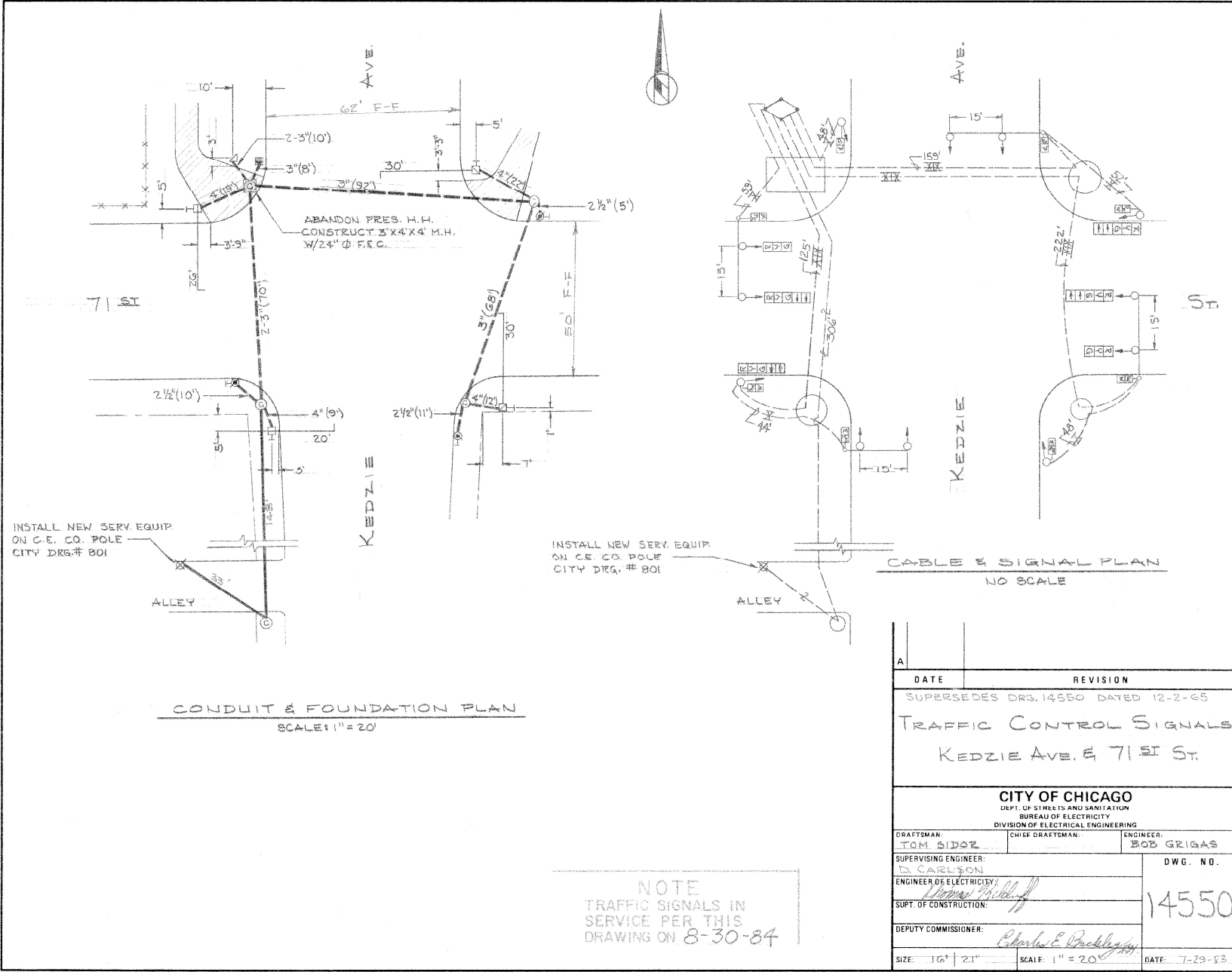


| REVISIONS | NAME | DATE |
|-----------|------|------|
| | | |
| | | |
| | | |
| | | |

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|---|--|--|--|-----------------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | | | | |
| TRAFFIC SIGNAL MODIFICATION PLAN | | | | |
| KEDZIE AVENUE AT 73rd STREET | | | | |
| SCALE: 1"=20' | | | | |
| DATE | | | | DRAWN BY / CHECKED BY |

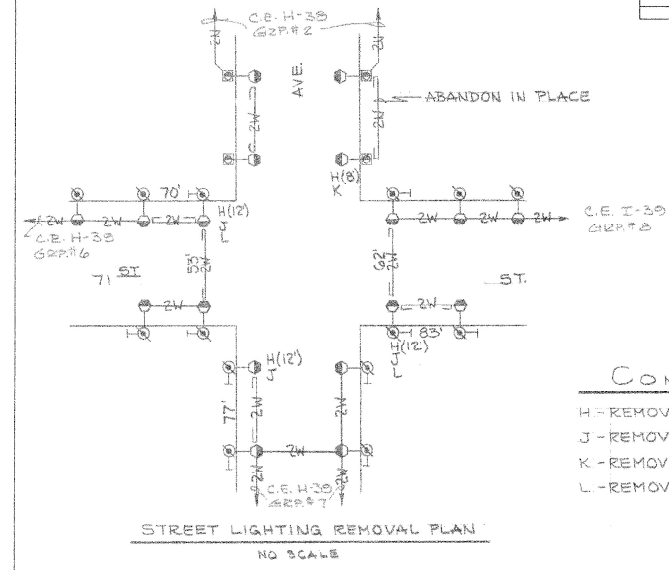
COPY

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|---------------------------|---|----------------|--------|--------------|-----------|
| APPROVED AS WORKING PLAN | FEDERAL-AID ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| BY | 1538 | 835-2055-00-RS | COOK | | |
| REVISIONS OF WORKING PLAN | FWA REG. NO. ILLINOIS PROJECT M-5000206 | | | | |

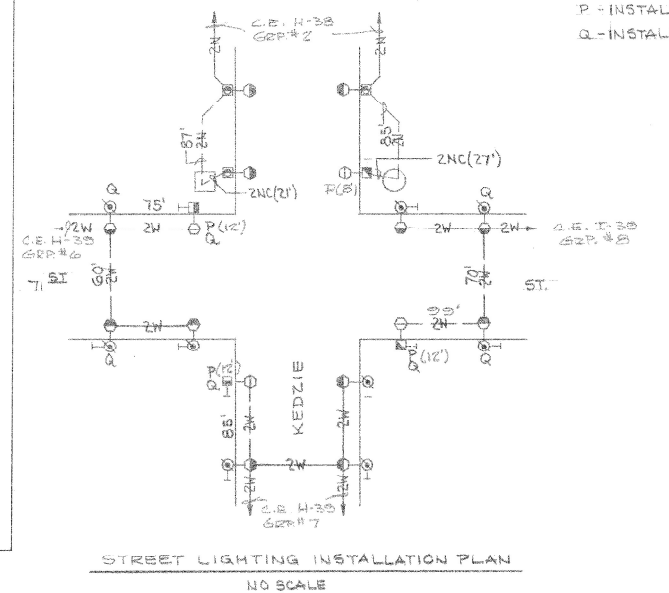


| DATE | REVISION |
|---|-------------------------------------|
| | SUPERSEDES DRG. 14550 DATED 12-2-65 |
| TRAFFIC CONTROL SIGNALS | |
| KEDZIE AVE. & 71ST ST. | |
| CITY OF CHICAGO | |
| <small>DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING</small> | |
| DRAFTSMAN: TOM SIDOR | ENGINEER: BOB GRIGAS |
| SUPERVISING ENGINEER: D. CARLSON | DWG. NO. 14550 |
| ENGINEER OF ELECTRICITY: <i>[Signature]</i> | |
| SUPT. OF CONSTRUCTION: <i>[Signature]</i> | |
| DEPUTY COMMISSIONER: <i>[Signature]</i> | |
| SIZE: 16" x 21" | SCALE: 1" = 20' |
| | DATE: 7-29-83 |

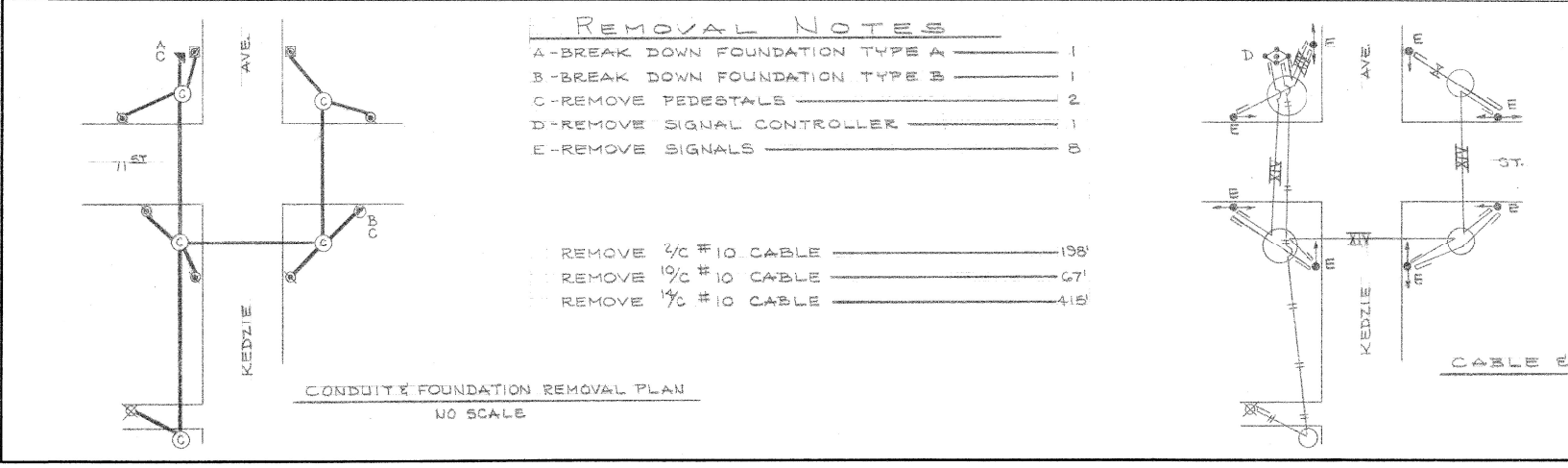
NOTE
TRAFFIC SIGNALS IN
SERVICE PER THIS
DRAWING ON 8-30-84



- CONSTRUCTION NOTES**
- H - REMOVE 310 W. H. P. S.V. LUMINAIRE & MAST ARM (SIZE)
 - J - REMOVE 4'X3'X35' IMBEDDED POLE, 3 GA. STR
 - K - REMOVE 27'-6" ST. LGT. STD. W/ BAL. HSG. BSE & BREAK DOWN FOUND.
 - L - REMOVE 2 WIRE AERIAL RACK
 - P - INSTALL 310 W. H. P. S.V. LUMINAIRE & MAST ARM (SIZE)
 - Q - INSTALL 2 WIRE AERIAL RACK



FOR CODE SHEET SEE DRG. #826



FOR INFORMATION ONLY
NOTE: THIS IS AN EXISTING TRAFFIC SIGNAL DETAIL
- NOT A PROPOSED TRAFFIC SIGNAL DESIGN.

| DATE | REVISION |
|---|--------------------------------------|
| | WORK ORDER NO. 1410027 DATE |
| | COST ALLOCATION ACCOUNT |
| | APPROPRIATION ACCOUNT MATERIAL LABOR |
| TRAFFIC CONTROL SIGNALS | |
| KEDZIE AVE & 71ST ST. | |
| CITY OF CHICAGO | |
| <small>DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING</small> | |
| DRAFTSMAN: TOM SIDOR | ENGINEER: BOB GRIGAS |
| SUPERVISING ENGINEER: D. CARLSON | DWG. NO. 14550 |
| ENGINEER OF ELECTRICITY: <i>[Signature]</i> | |
| SUPT. OF CONSTRUCTION: <i>[Signature]</i> | |
| DEPUTY COMMISSIONER: <i>[Signature]</i> | |
| SIZE: 22" x 36" | SCALE: 1" = 20' |
| | DATE: 7-29-83 |

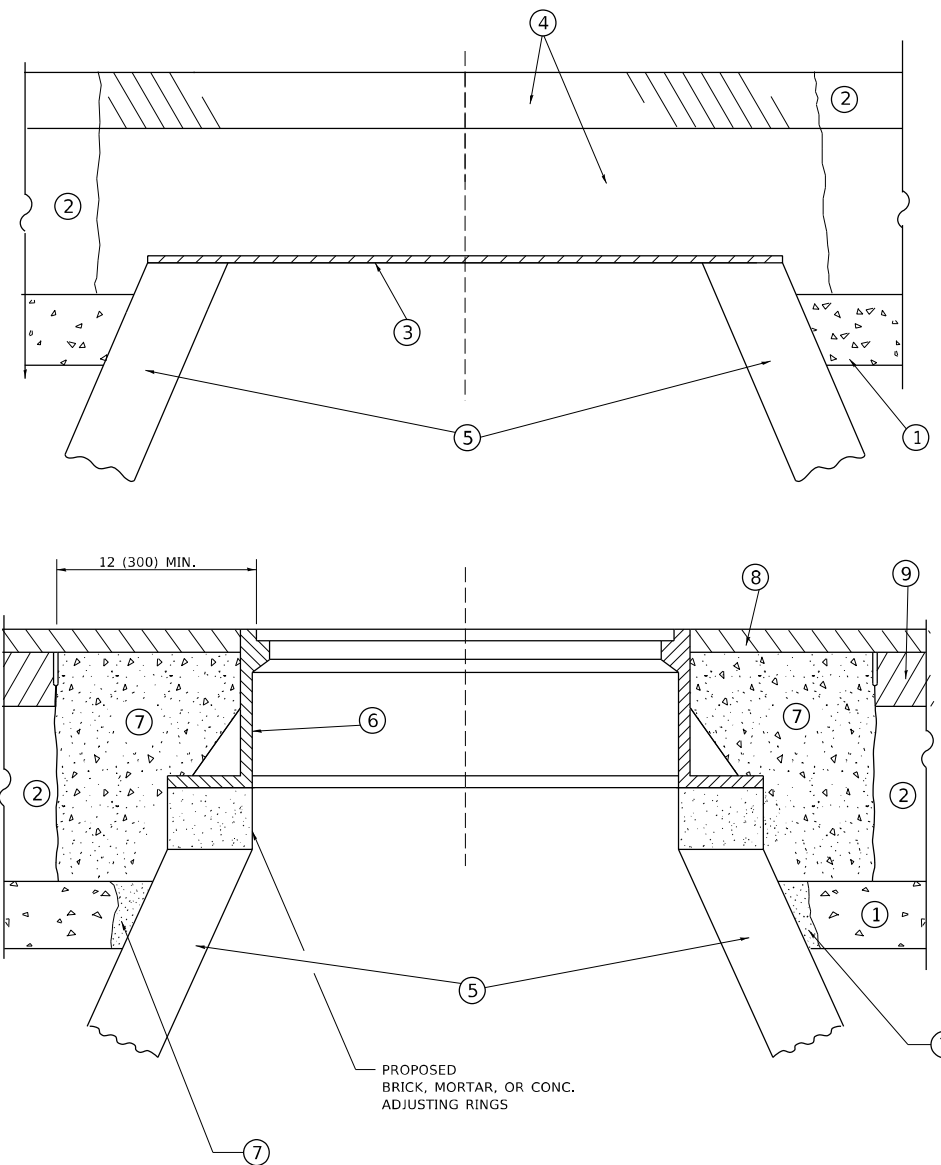
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| | | |
|-----------------------------|------------|-----------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 10,0000 */ in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|---|-------|-----------|--------------|
| DETECTOR LOOPS | | | |
| KEDZIE AVE - (71ST ST - 77TH ST) | | | |
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 16 |
| CONTRACT NO. 62R43 | | | | |
| 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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|-------------------------------|--------------------|-----------------------------|
| USER NAME = Alin,Parayno | DESIGNED - R. SHAH | REVISED - R. BORO 03-09-11 |
| | DRAWN - | REVISED - R. BORO 12-06-11 |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - K. SMITH 11-18-22 |
| PLOT DATE = 2/2/2024 | DATE - 10-25-94 | REVISED - K. SMITH 09-15-23 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

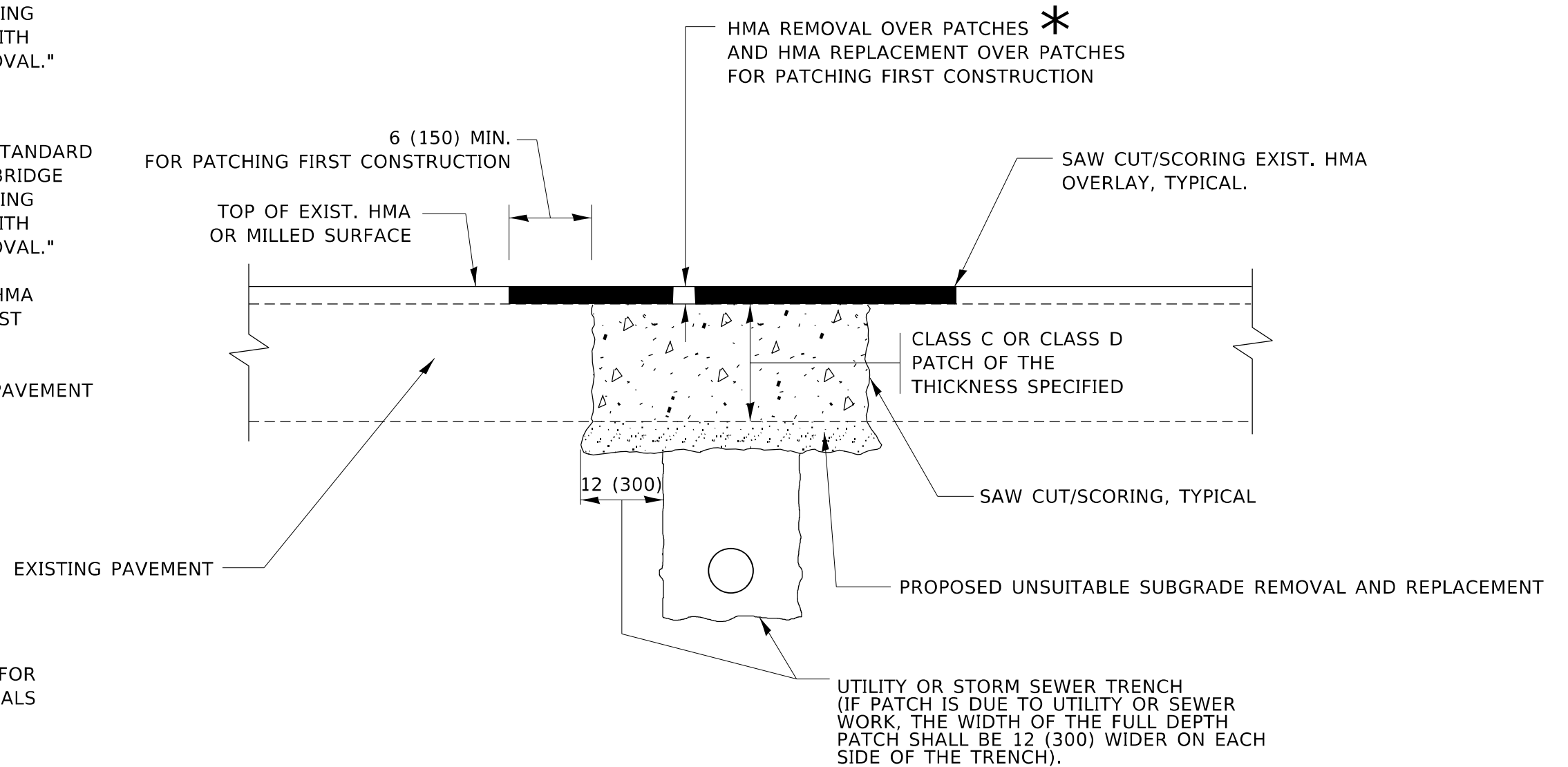
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 17 |
| BD600-03 (BD-08) | | | CONTRACT NO. 62R43 | |
| ILLINOIS FED. AID PROJECT | | | | |

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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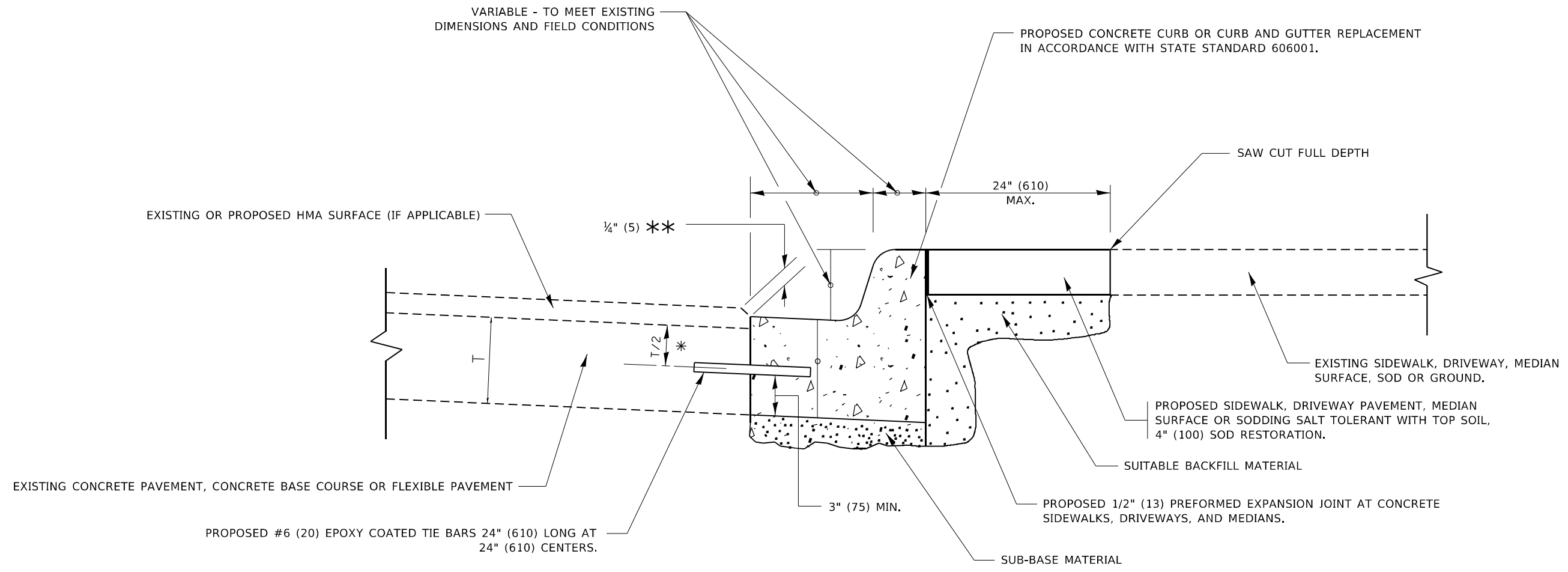
| | | |
|-------------------------------|--------------------|-----------------------------|
| USER NAME = Alin,Parayno | DESIGNED - R. SHAH | REVISED - R. BORO 01-01-07 |
| | DRAWN - | REVISED - R. BORO 09-04-07 |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - K. ENG 10-27-08 |
| PLOT DATE = 2/2/2024 | 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. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 18 |
| BD400-04 (BD-22) | | | CONTRACT NO. 62R43 | |
| 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.

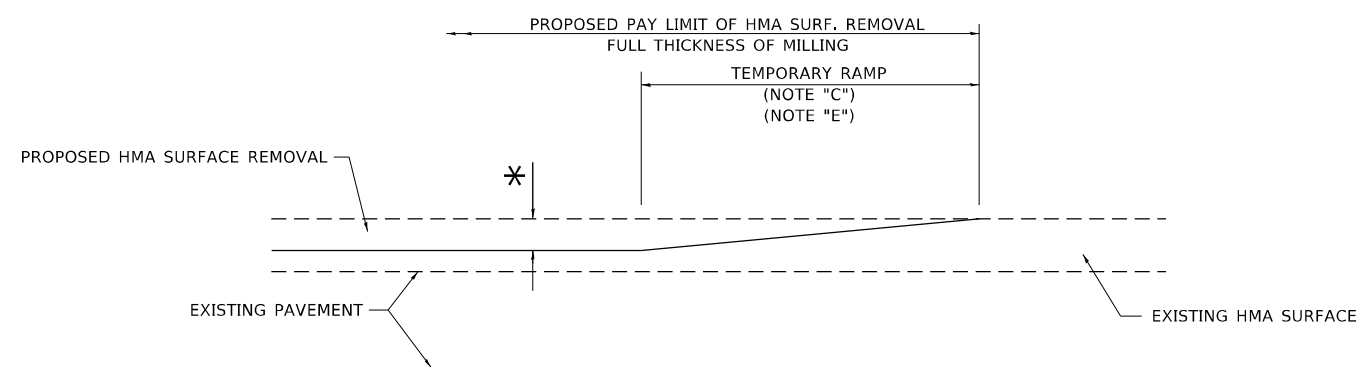
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| | | |
|-------------------------------|----------------------|-----------------------------|
| USER NAME = Alan.Parayno | DESIGNED - A. HOUSEH | REVISED - A. ABBAS 03-21-97 |
| | DRAWN - | REVISED - M. GOMEZ 01-22-01 |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - R. BORO 12-15-09 |
| PLOT DATE = 2/2/2024 | DATE - 03-11-94 | REVISED - K. SMITH 07-11-19 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

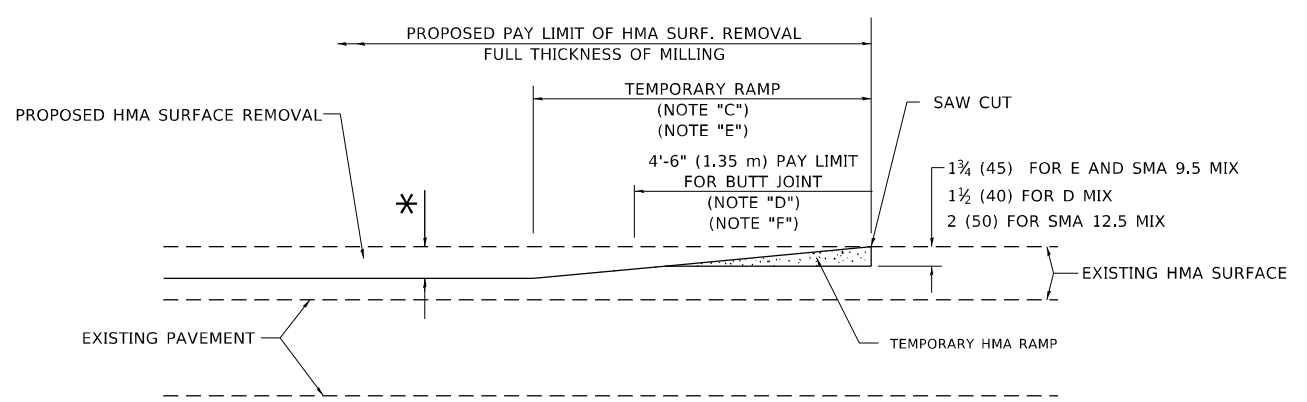
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| CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT | | | |
| SCALE: NONE | SHEET 1 | OF 1 SHEETS | STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------------|--------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 19 |
| BD600-06 (BD-24) | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |



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

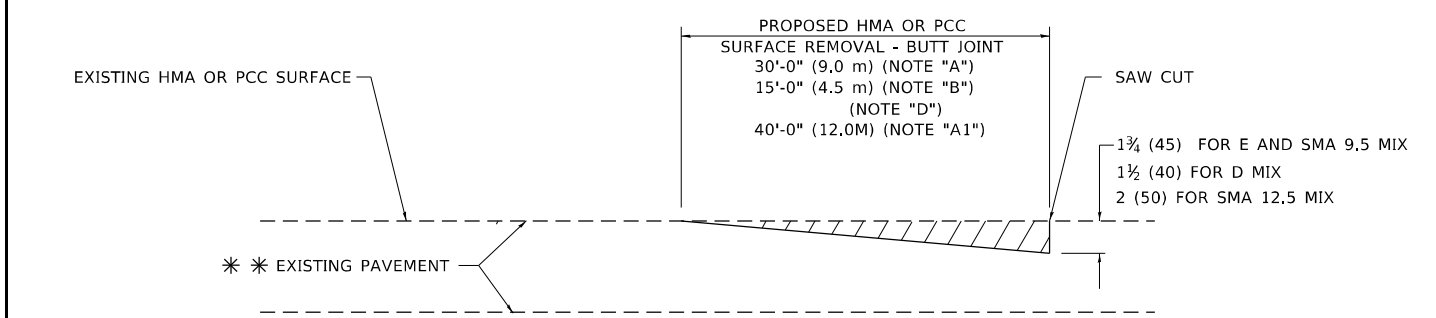
OPTION 1



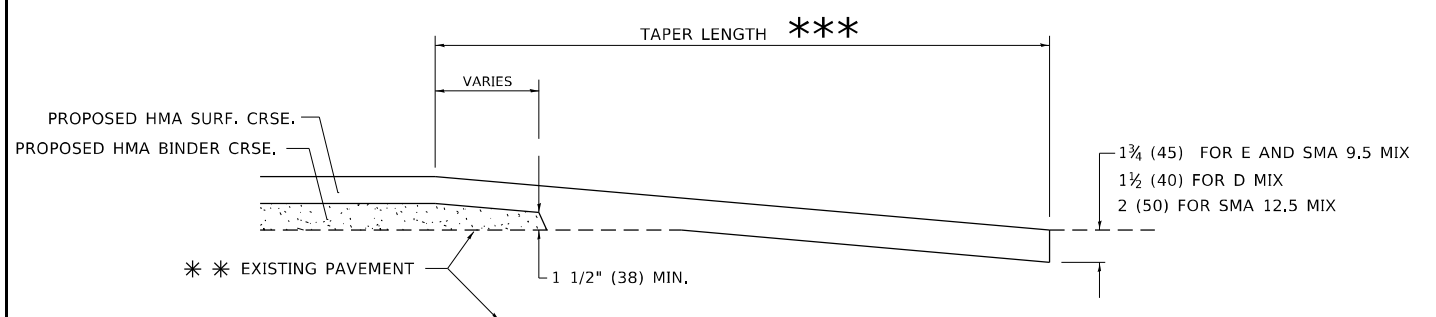
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

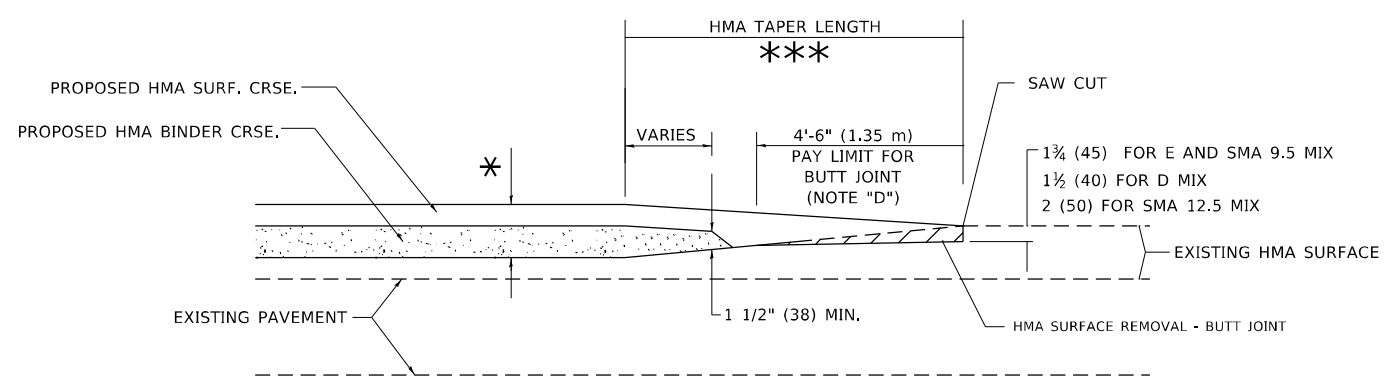
GENERAL NOTES

- 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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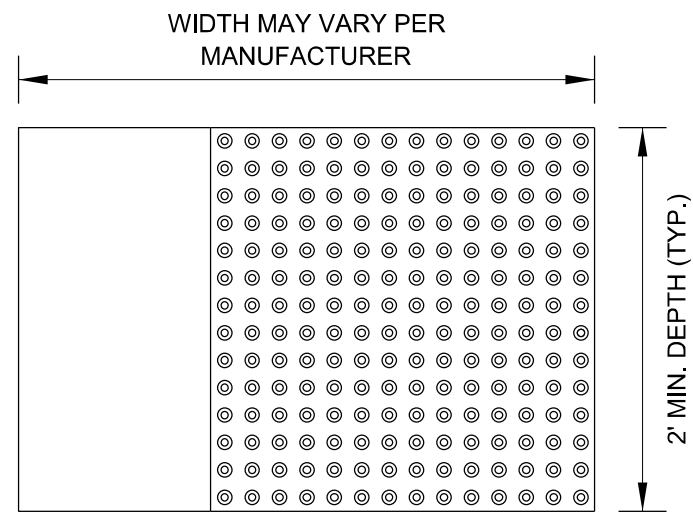
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| USER NAME = Alan.Parayno | DESIGNED - M. DE YONG | REVISED - A. ABBAS 03-21-97 |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - M. GOMEZ 04-06-01 |
| PLOT DATE = 2/2/2024 | DATE - 06-13-90 | REVISED - R. BORO 01-01-07 |
| | | REVISED - K. SMITH 11-18-22 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

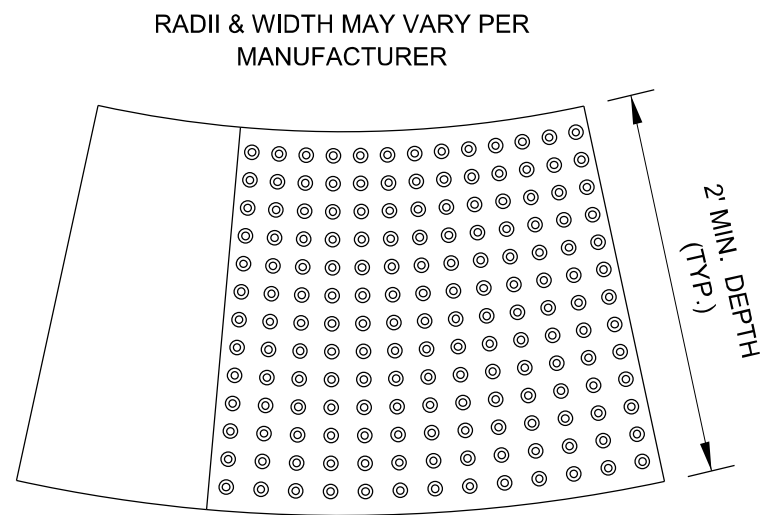
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|---|---------|-------------|--------------|
| BUTT JOINT AND HMA TAPER DETAILS | | | |
| SCALE: NONE | SHEET 1 | OF 1 SHEETS | STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------------|--------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 20 |
| BD400-05 BD-32 | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS

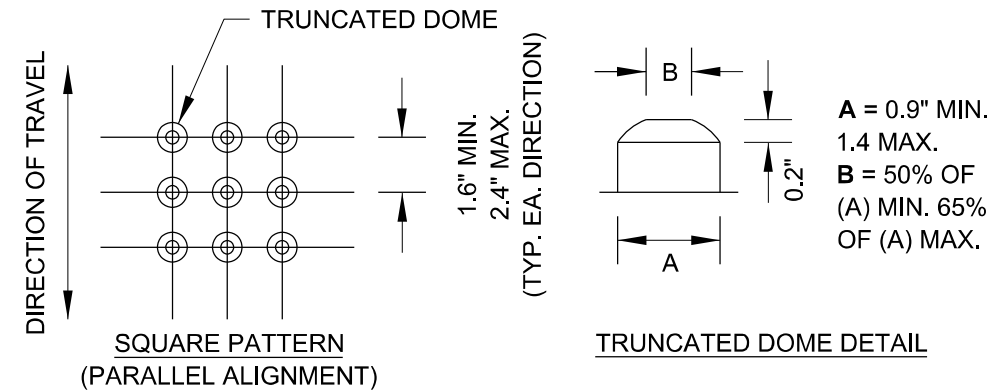


DETECTABLE WARNING UNIT SIZES

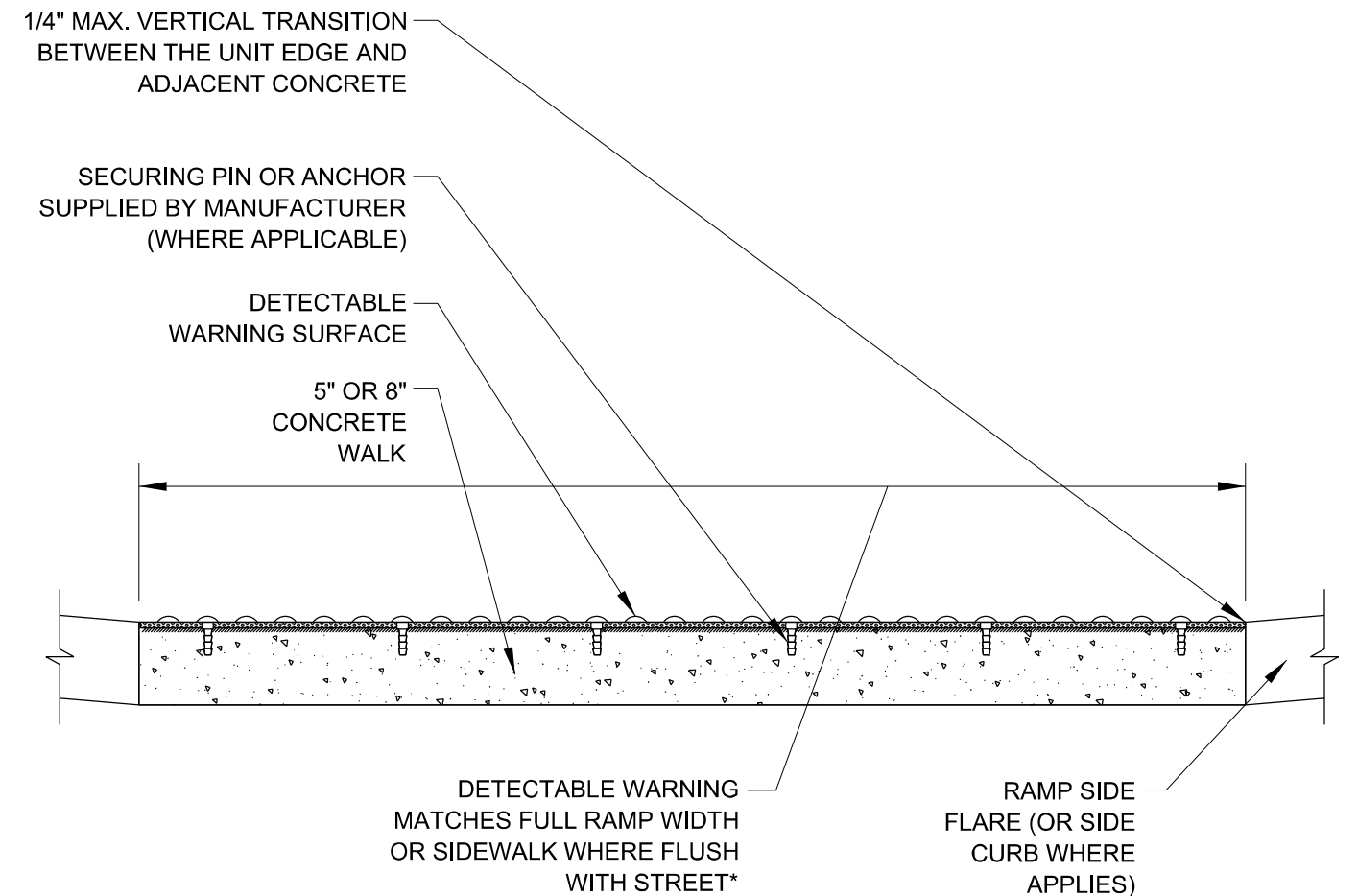
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL



*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

DETECTABLE WARNING UNIT SECTION

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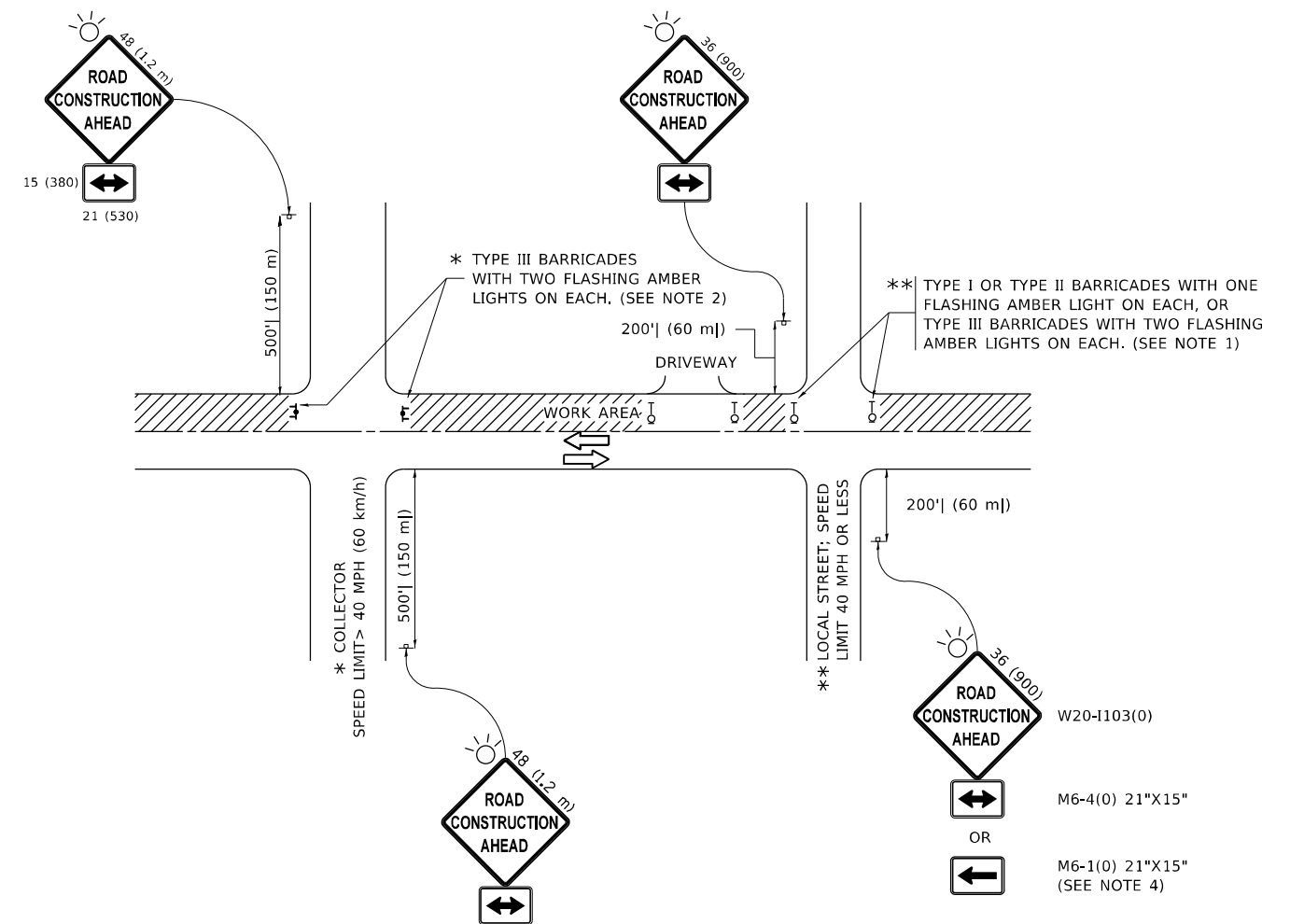
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|-------------------------------|-------------------|-----------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - 06-20-2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
DETECTABLE WARNINGS

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

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 21 |
| BD 58 | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTES:

1. 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:
 - a) 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.
 - b) 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.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. 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.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. 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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|------------------------------|-------------------|---------------------------------|
| USER NAME = Alin,Parayno | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - T. RAMMACHER 01-06-00 |
| PLOT DATE = 2/2/2024 | DATE - 06-89 | REVISED - A. SCHUETZE 07-01-13 |
| | | REVISED - A. SCHUETZE 09-15-16 |

**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.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 22 |
| TC-10 | | | CONTRACT NO. 62R43 | |
| ILLINOIS FED. AID PROJECT | | | | |

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

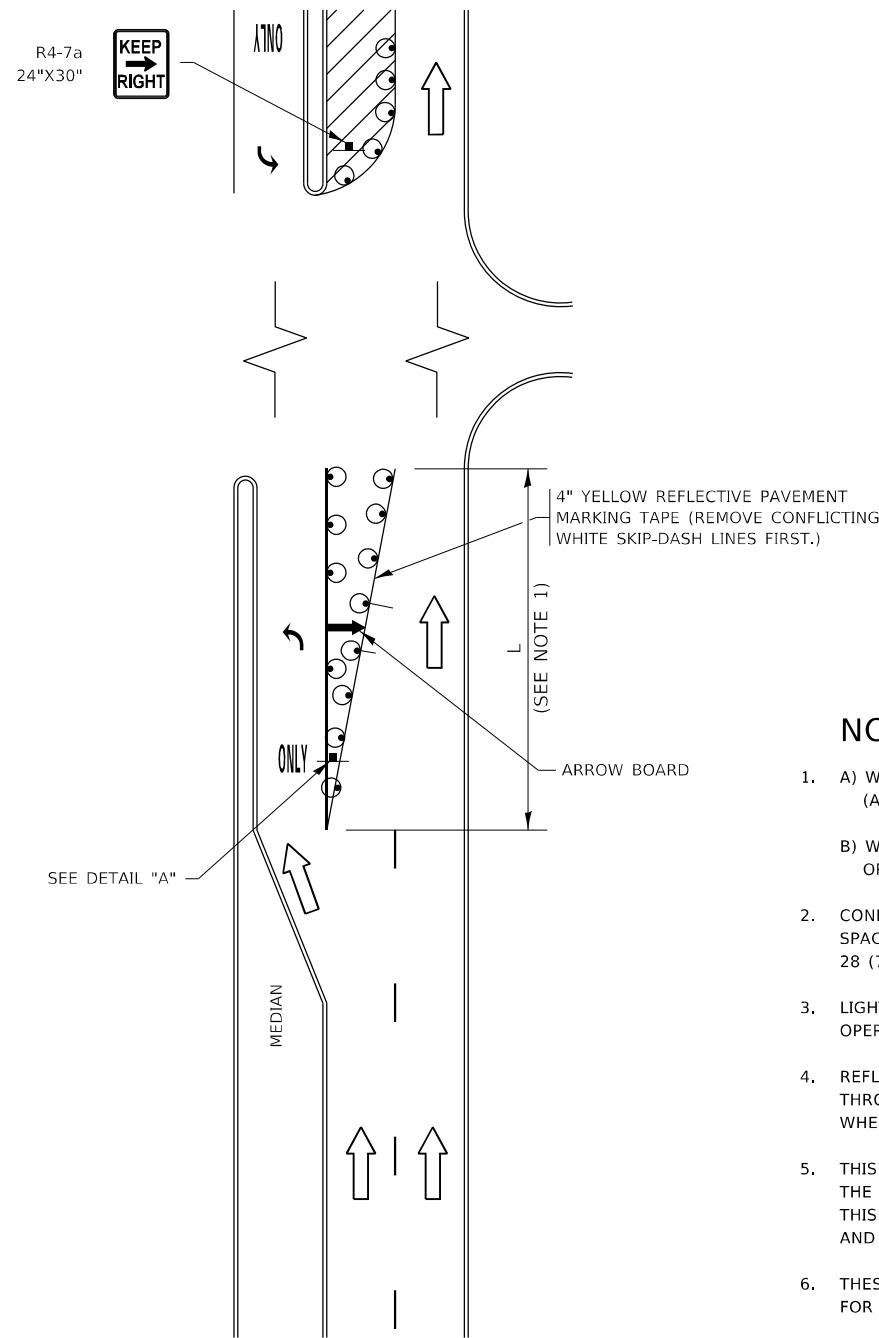


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

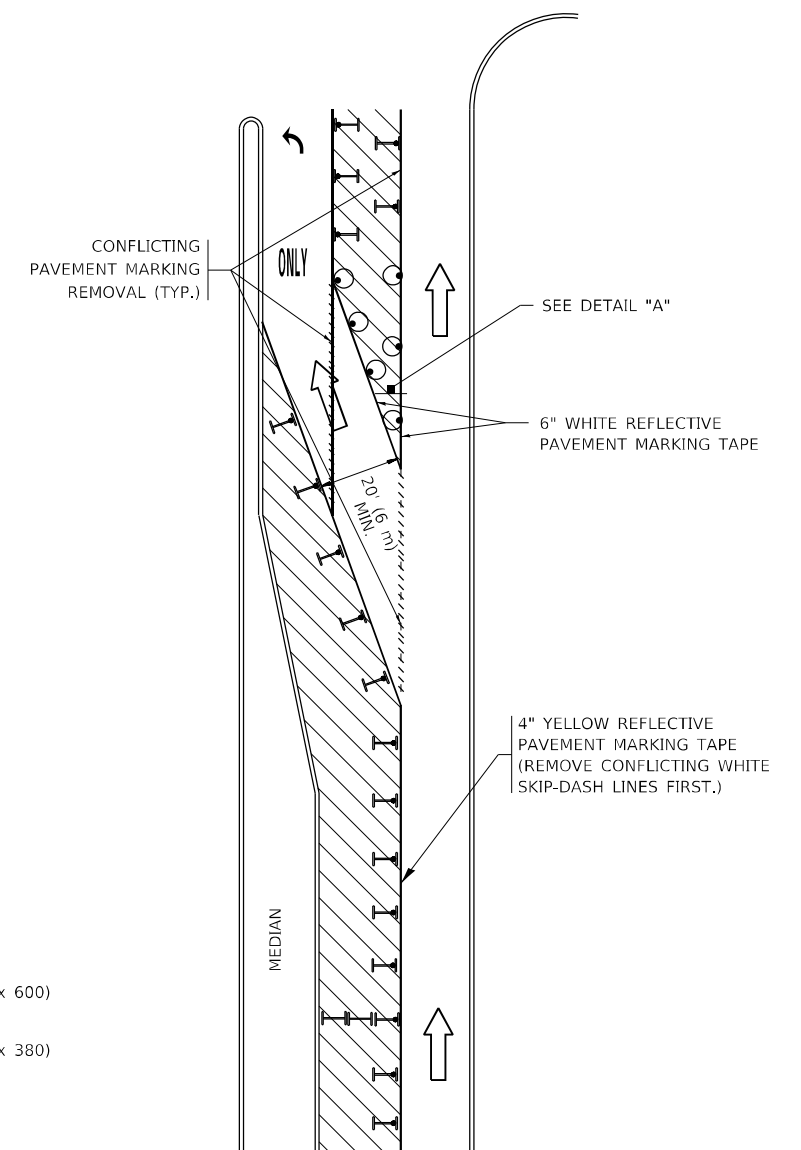
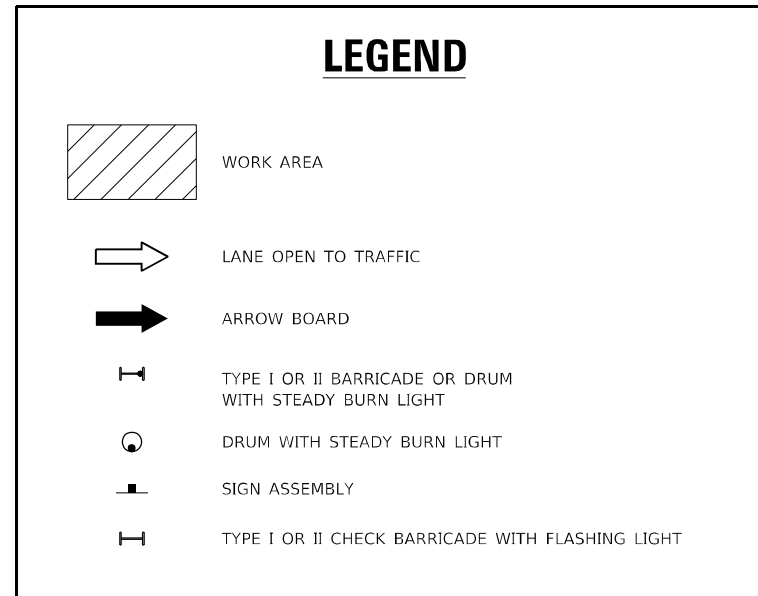
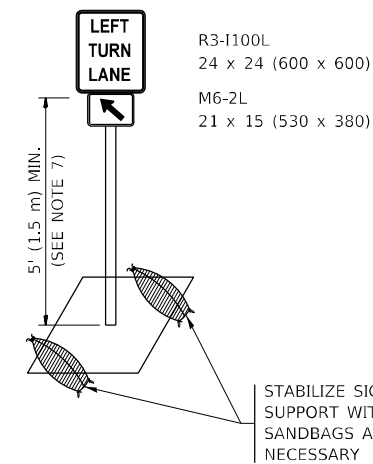


FIGURE 2



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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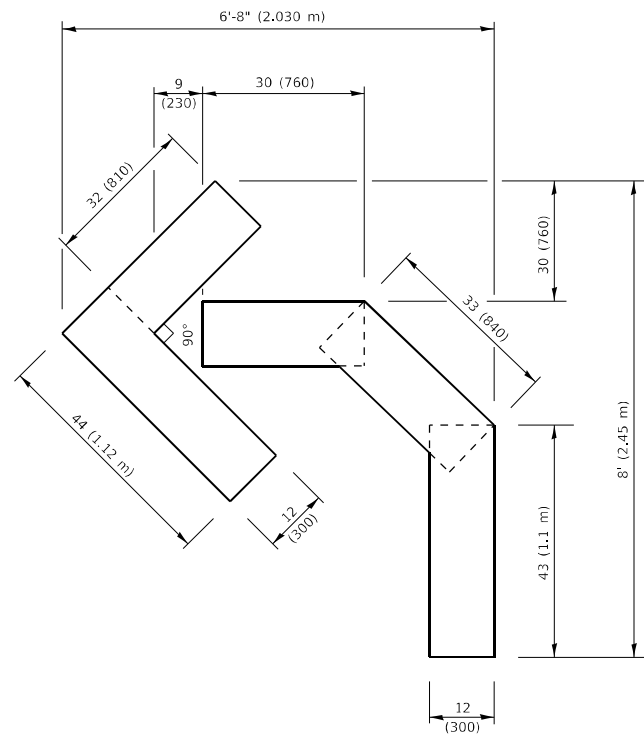
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|------------------------------|----------------------------------|--------------------------------|
| USER NAME = Alin,Parayno | DESIGNED - T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 |
| | DRAWN - A. HOUSEH 11-07-95 | REVISED - A. SCHUETZE 07-01-13 |
| PLOT SCALE = 100,0000' / in. | CHECKED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 |
| PLOT DATE = 2/2/2024 | 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)**

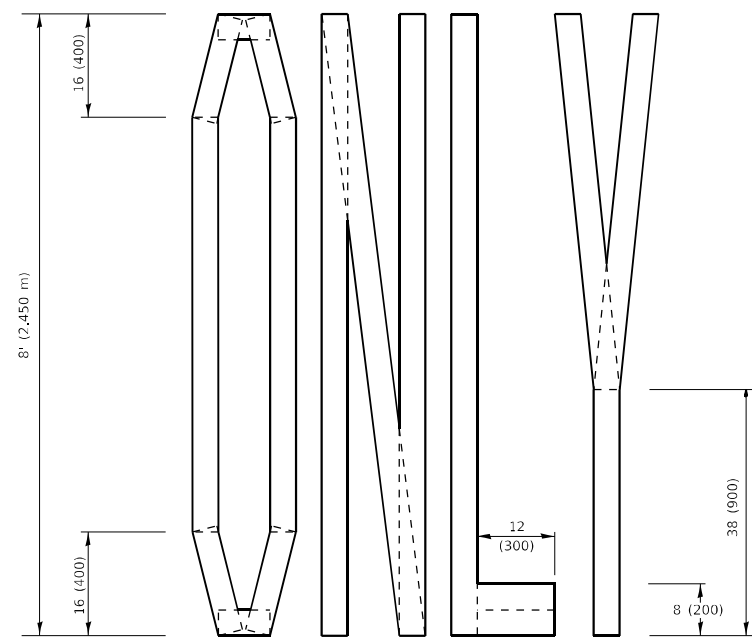
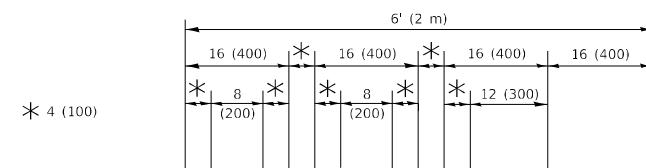
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 23 |
| TC-14 | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |



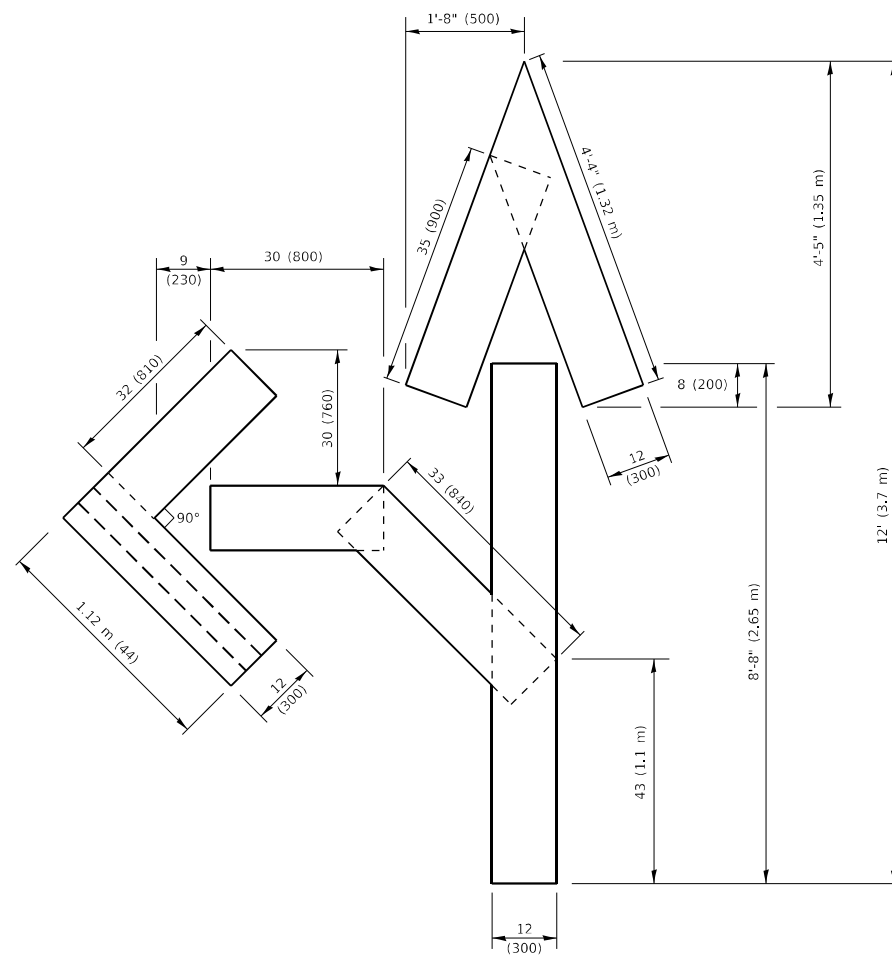
QUANTITY

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)

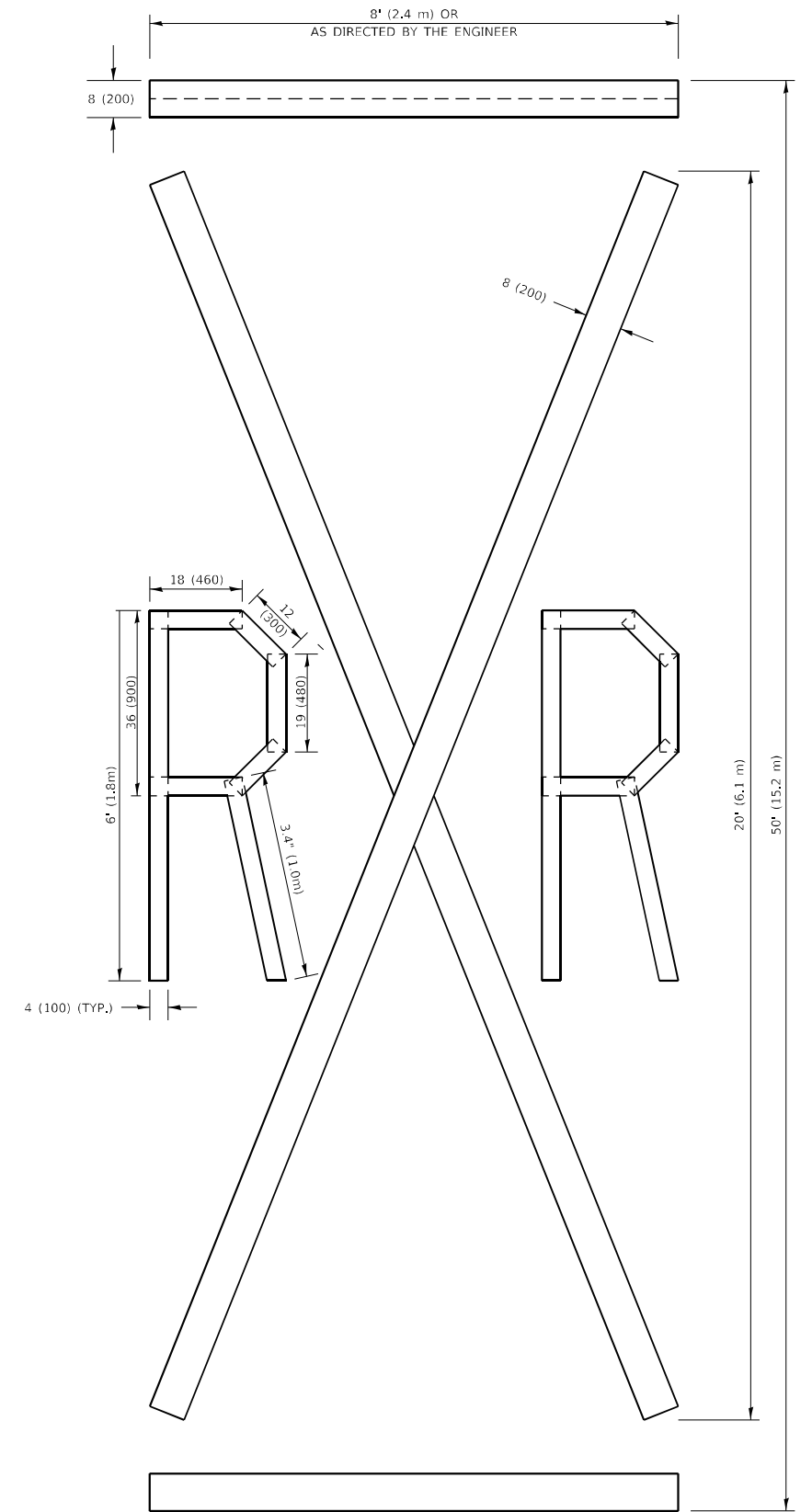


QUANTITY

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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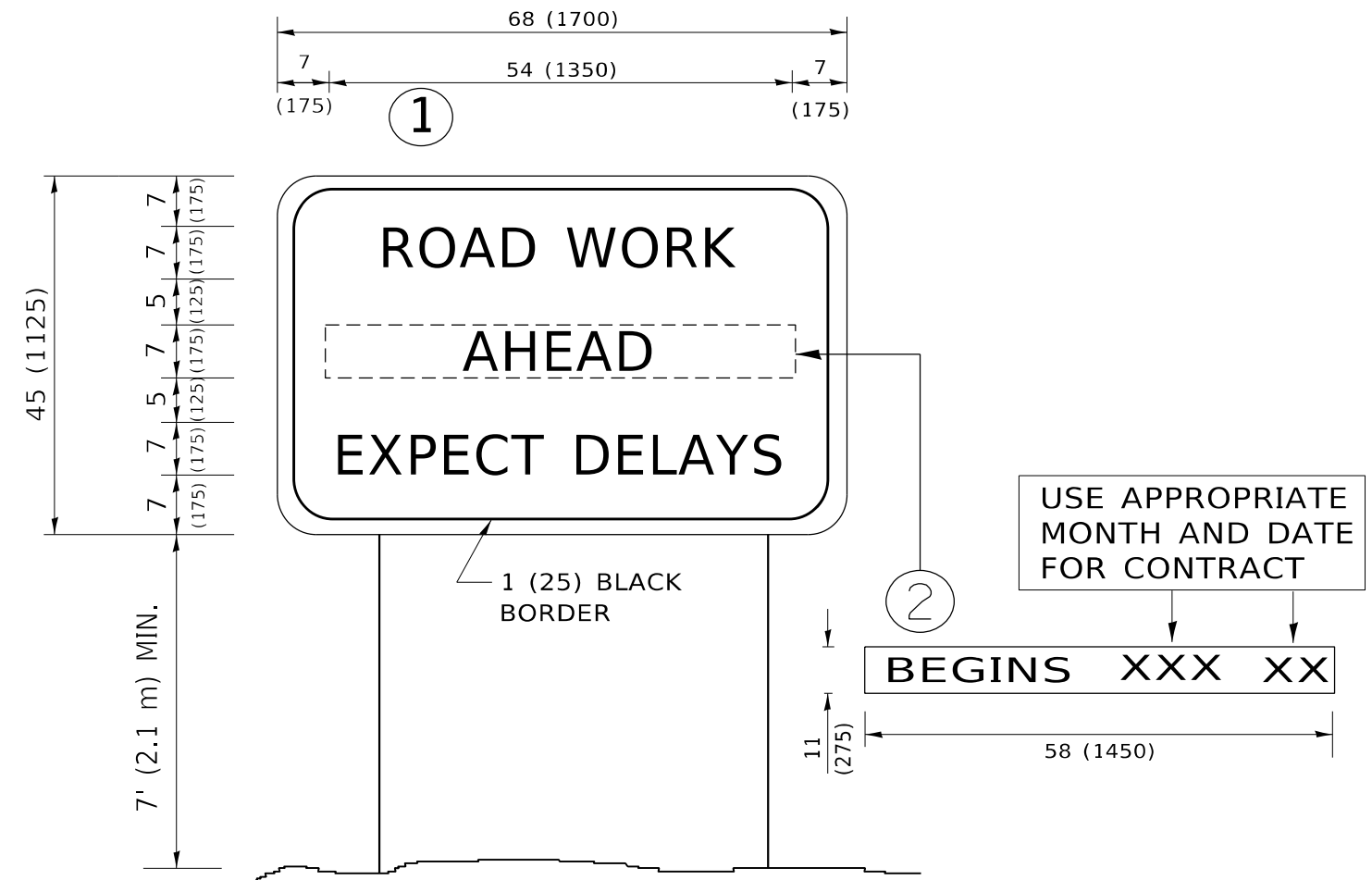
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|------------------------------|-----------------|---------------------------------|
| USER NAME = Alen.Parayno | DESIGNED - | REVISED - T. RAMMACHER 03-02-98 |
| PLOT SCALE = 100,0001' / in. | DRAWN - | REVISED - E. GOMEZ 08-28-00 |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - F. GOMEZ 08-28-00 |
| | 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. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 24 |
| TC-16 | | | CONTRACT NO. 62R43 | |
| 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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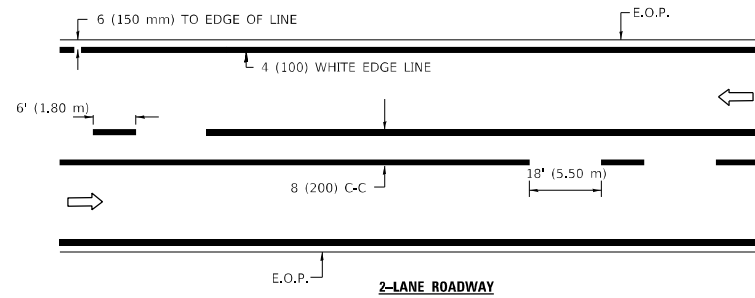
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| USER NAME = Alan.Parayno | DESIGNED - | REVISED - R. MIRS 09-15-97 |
| | DRAWN - | REVISED - R. MIRS 12-11-97 |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - T. RAMMACHER 02-02-99 |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - C. JUCIUS 01-31-07 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

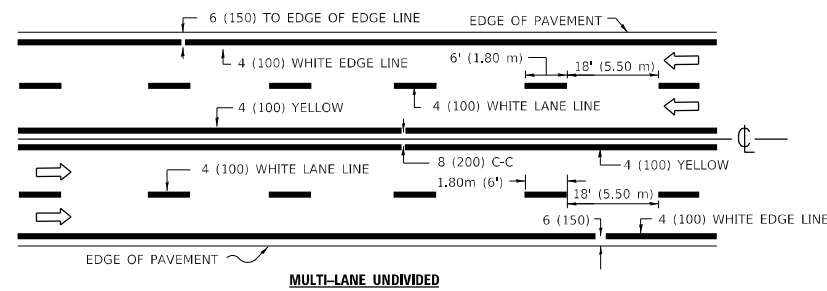
**ARTERIAL ROAD
INFORMATION SIGN**

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

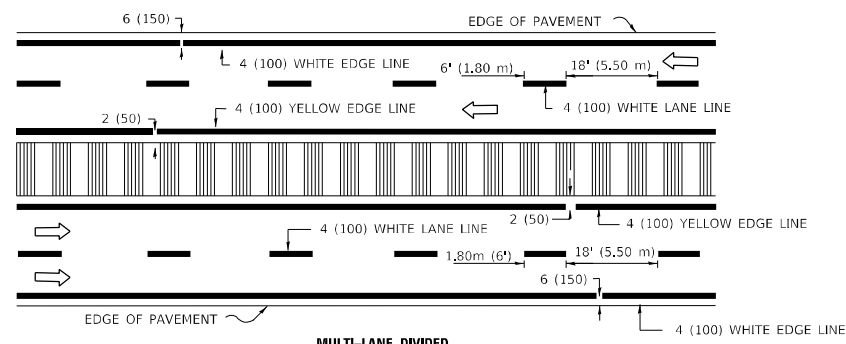
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|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 25 |
| TC-22 | | | CONTRACT NO. 62R43 | |
| ILLINOIS FED. AID PROJECT | | | | |



2-LANE ROADWAY



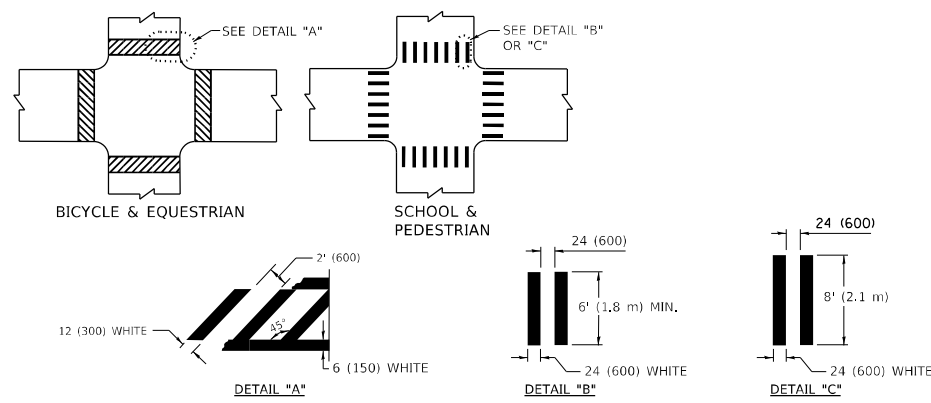
MULTI-LANE UNDIVIDED



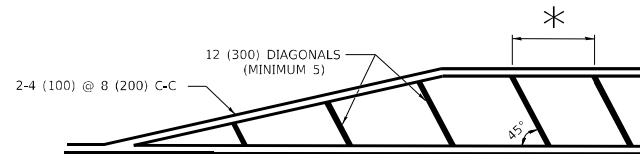
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

TYPICAL LANE AND EDGE LINE MARKING



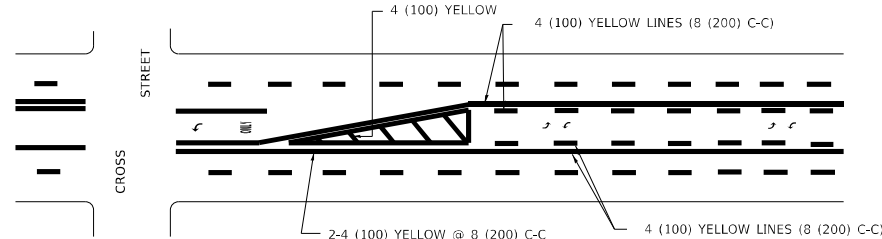
TYPICAL CROSSWALK MARKING



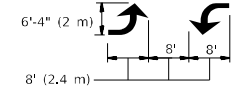
* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

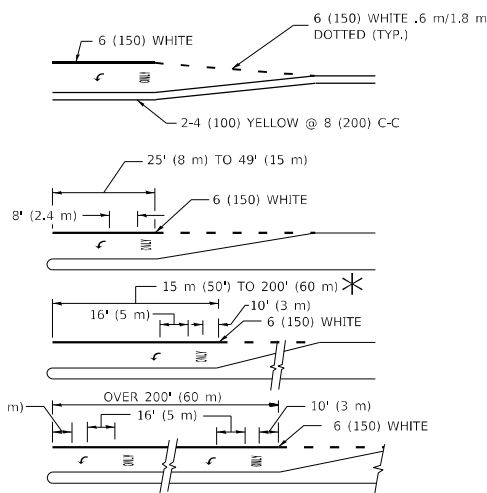


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

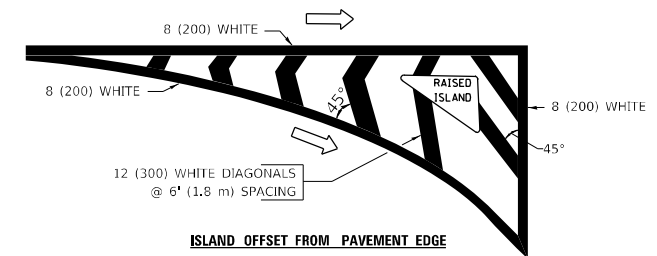


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 m²)

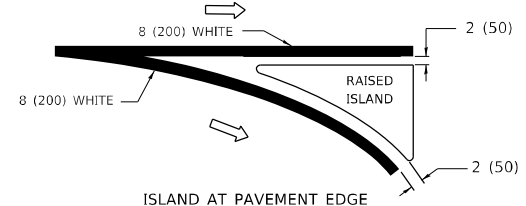
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|--|--|---------------------------------|---|--|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 6' (1.80 m) LINE WITH 18' (5.50 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 8 (200) C-C |
| NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 8 (200) C-C |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 6' (1.80 m) LINE WITH 18' (5.50 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) 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 | 6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES A. DIAGONAL (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN) | 12 (300) @ 45° 24 (600) @ 90° | SOLID SOLID | WHITE WHITE | 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° | SOLID | YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC | 8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 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. (0.33m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

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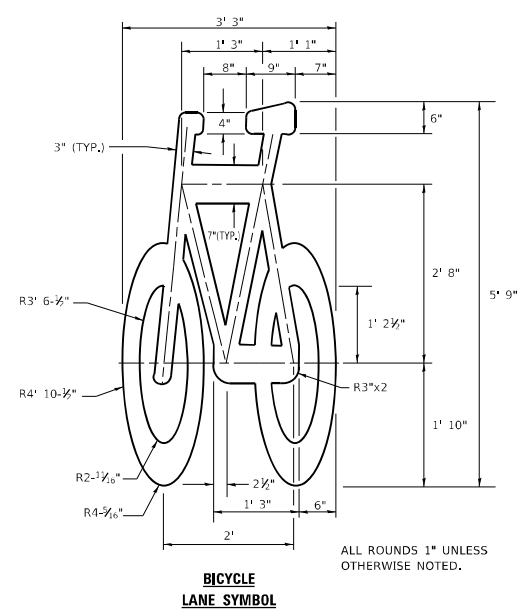
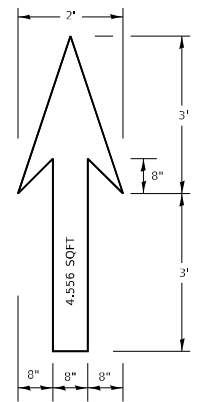
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|------------------------------|------------|---------------------------------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - T. RAMMACHER 12-07-00 |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - K. ENG 02-28-12 |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

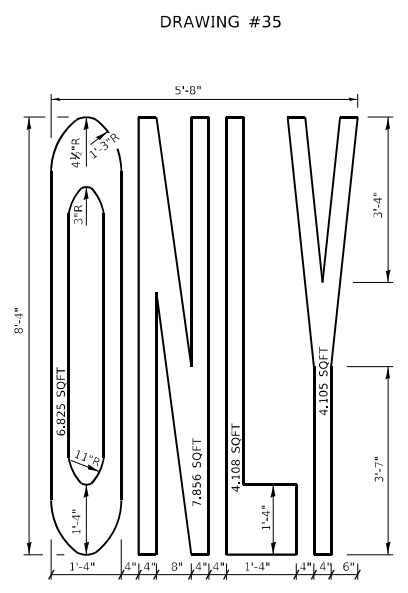
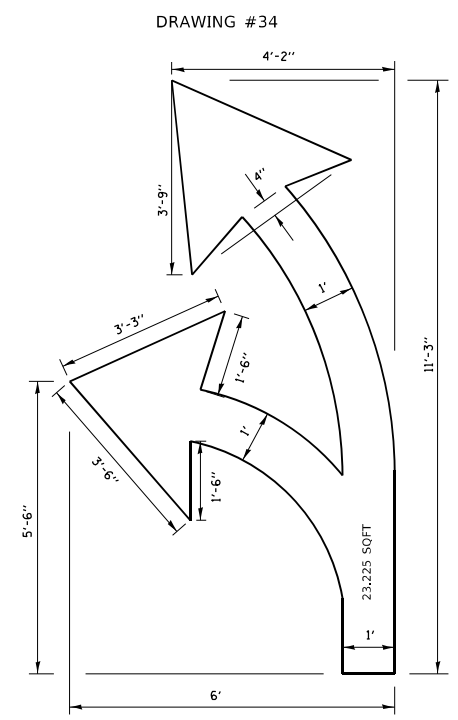
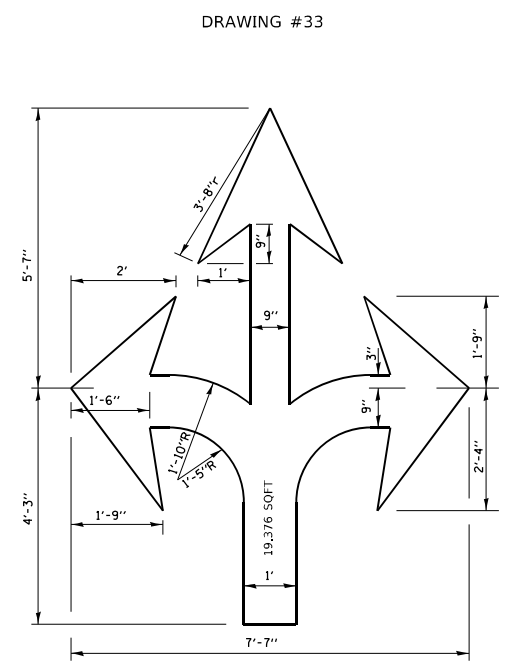
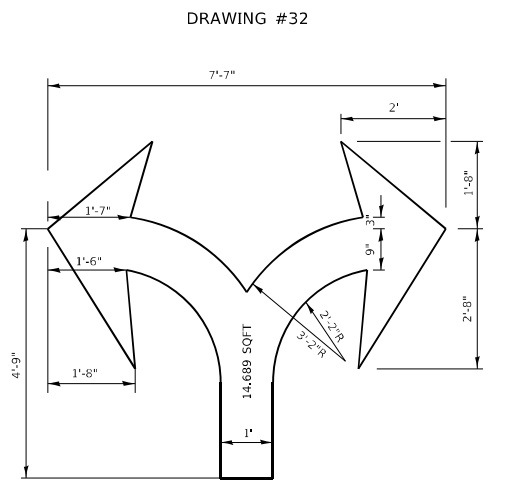
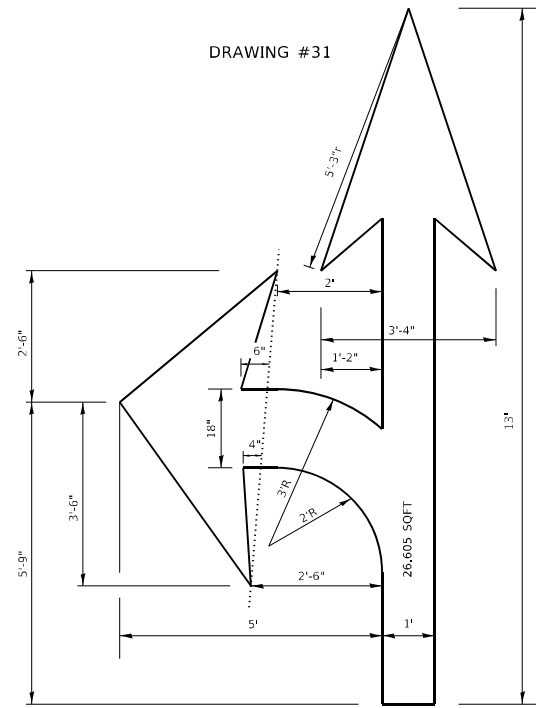
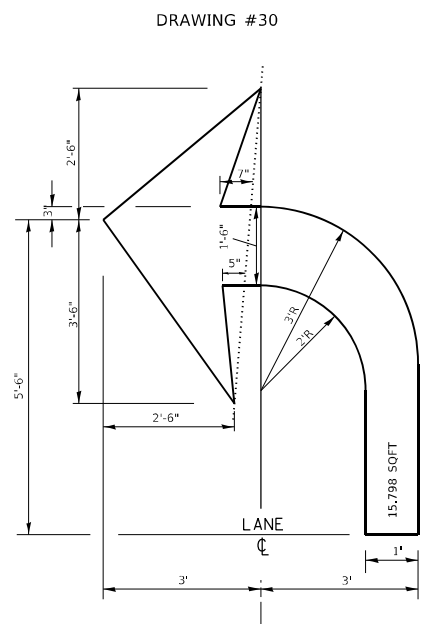
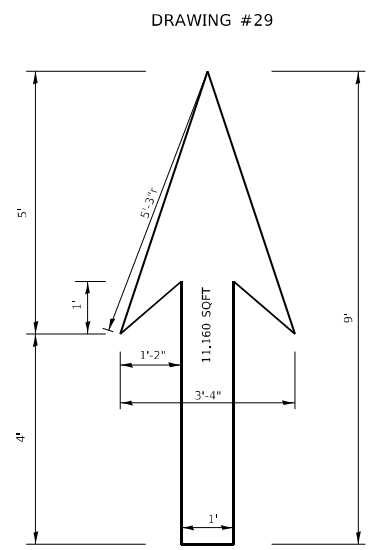
SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

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|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 26 |
| TC-24 | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |



- NOTE:**
- FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
 - THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28



NOTE:
ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

MODEL: Default
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| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

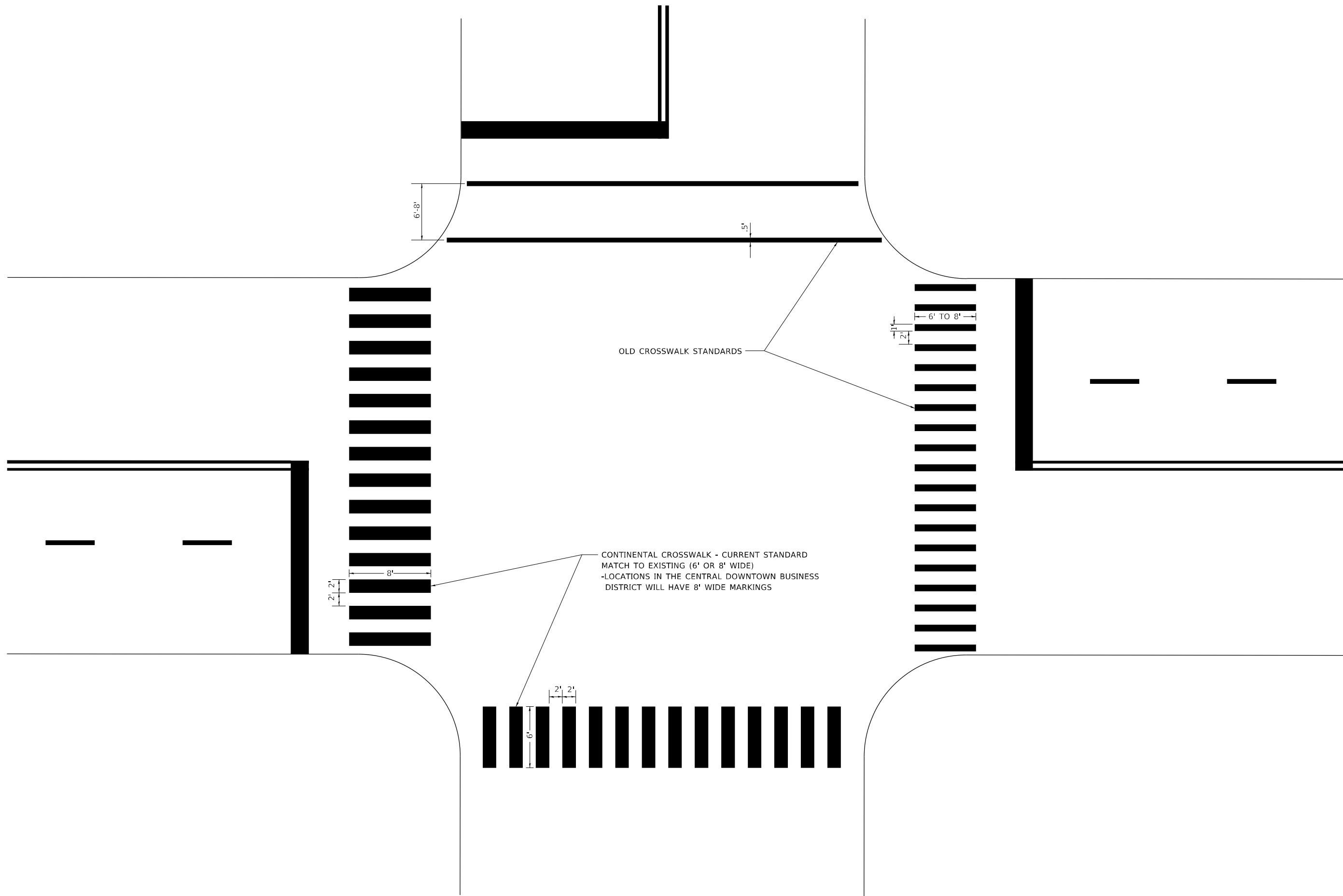
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 27 |
| TC-24 | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |

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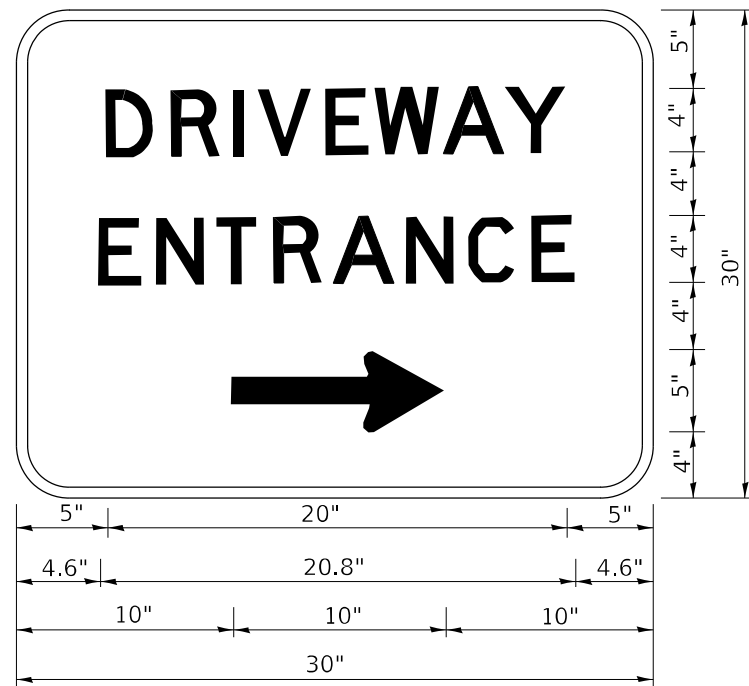
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|-------------------------------|------------|---------------------------------|
| USER NAME = Alan.Parayno | DESIGNED - | REVISED - T. RAMMACHER 12-07-00 |
| PLOT SCALE = 100,0000 ' / in. | DRAWN - | REVISED - |
| PLOT DATE = 2/2/2024 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO
 TYPICAL PAVEMENT MARKINGS**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2831 | FAU 2831 22 RS | COOK | 31 | 28 |
| TC-24 | | | CONTRACT NO. 62R43 | |
| 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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|------------------------------|------------|------------------------------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - C. JUCIUS 02-15-07 |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

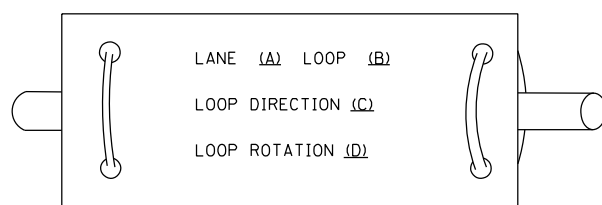
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| TC-26 | | | CONTRACT NO. 62R43 | |
| ILLINOIS FED. AID PROJECT | | | | |

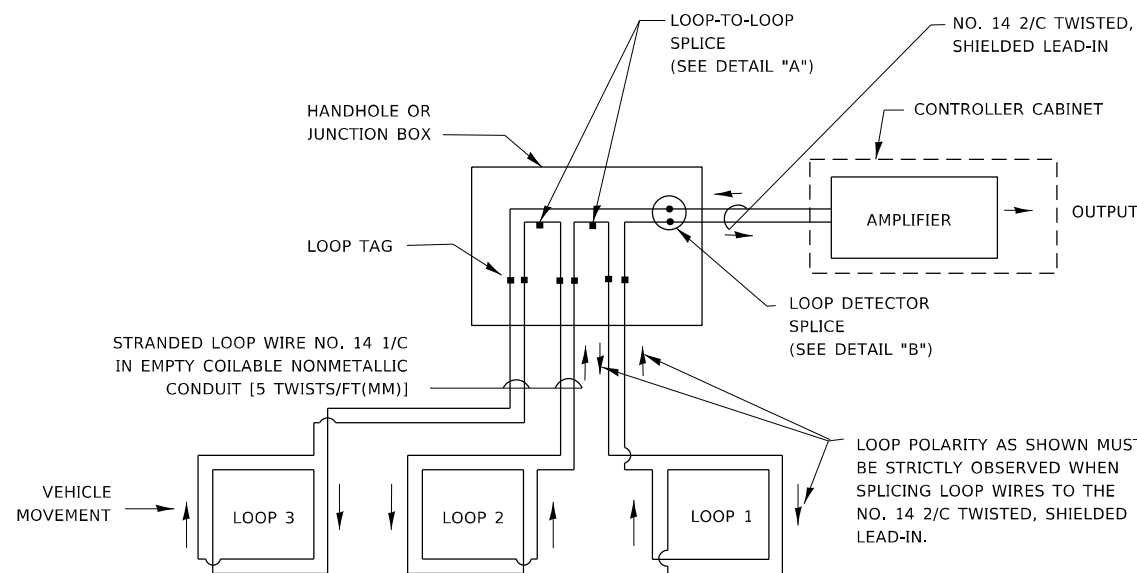
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

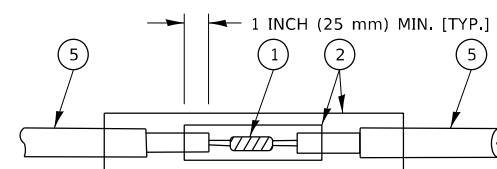


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

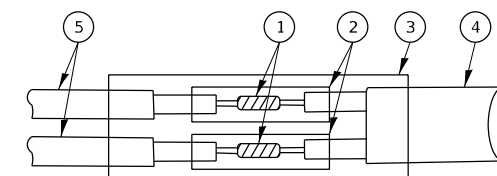


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE.
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

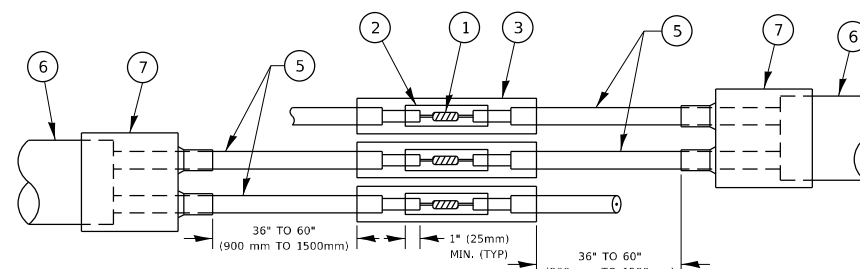


DETAIL "A"
LOOP-TO-LOOP SPLICE

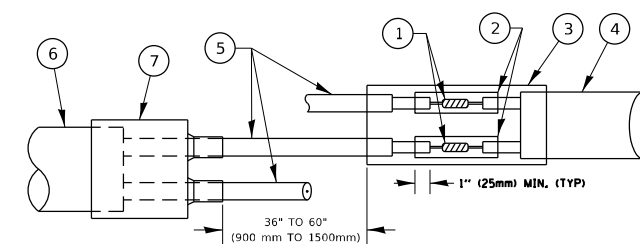


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- ⑥ XL POLYOLEFIN 2 CONDUCTOR
- ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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 PROJECT: DISTRICT OFFICE

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|------------------------------|------------|-----------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/2/2024 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

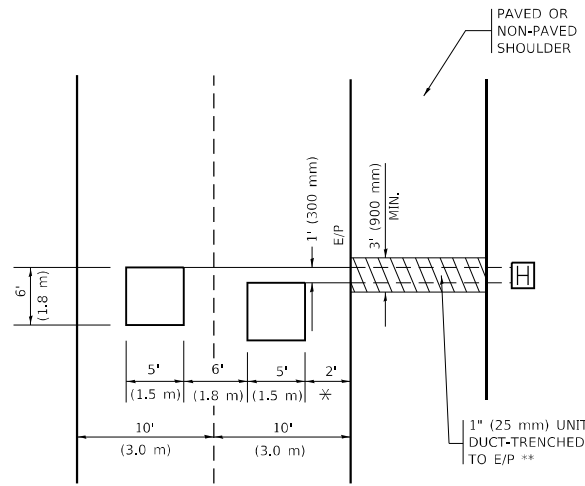
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

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|--------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 30 |
| TS-05 | | CONTRACT NO. 62R43 | | |
| ILLINOIS | | FED. AID PROJECT | | |

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

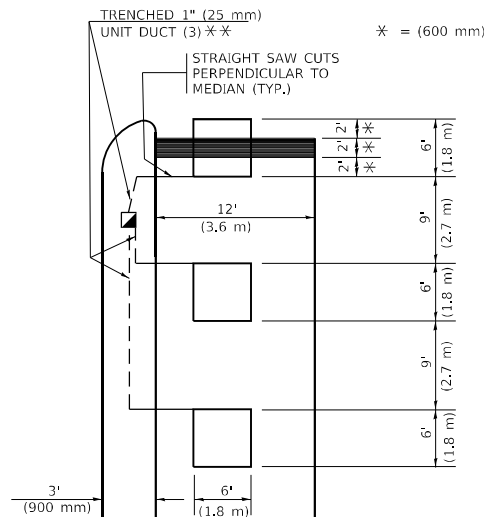


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

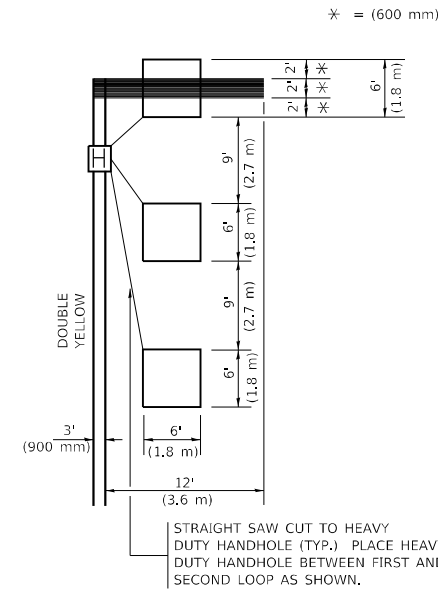


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

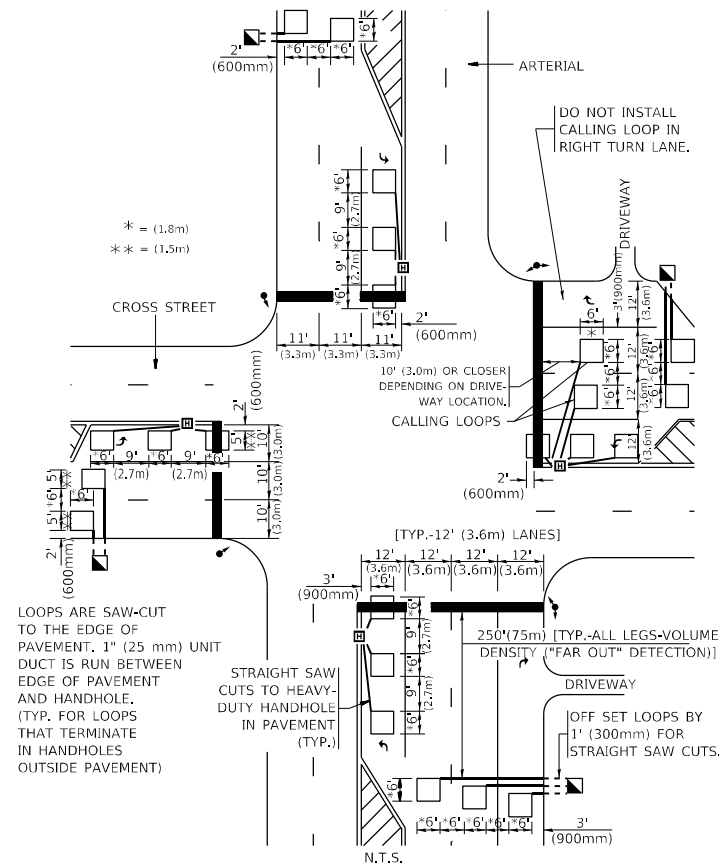
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



* = (1.8m)
 ** = (1.5m)

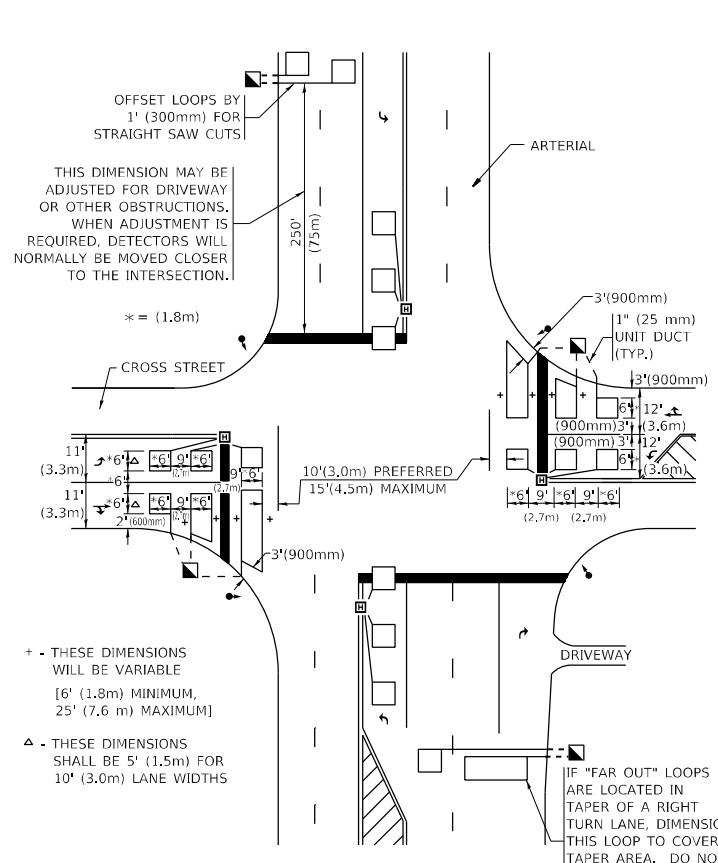
LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

[TYP.-12' (3.6m) LANES]
 250' (75m) [TYP.-ALL LEGS-VOLUME DENSITY ("FAR OUT" DETECTION)]
 DRIVEWAY
 OFF SET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS.

DETAIL 1
 N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

+ THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]
 Δ THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
 N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

| | | |
|------------------------------|------------------|-----------|
| USER NAME = Alin,Parayno | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 2/2/2024 | CHECKED - R.K.F. | REVISED - |
| | DATE - | REVISED - |

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

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|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2831 | FAU 2831 22 RS | COOK | 31 | 31 |
| TS-07 | | CONTRACT NO. 62R43 | | |
| ILLINOIS FED. AID PROJECT | | | | |

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