

04-26-2019 LETTING ITEM 021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* 83 + 4 = 87 TOTAL SHEETS

| FAP DATE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------|----------------|----------|--------------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 1 |
| | | ILL. NO. | CONTRACT NO. 62H45 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

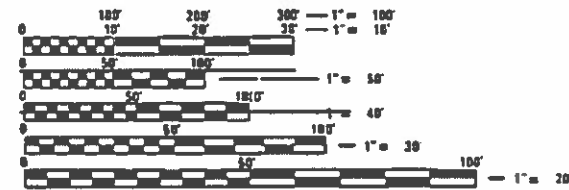
THIS PROJECT IS LOCATED IN
THE VILLAGES OF MORTON GROVE
AND SKOKIE

**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 377: IL 58 (DEMPSTER STREET)
IL 43 (WAUKEGAN RD) TO WEST OF US 41 (SKOKIE BLVD)
SECTION: 2018-102-RS&SW
PROJECT: NHPP-F9CN(602)
RESURFACING (3P), PEDESTRIAN RAMPS
COOK COUNTY

C-91-249-19

TRAFFIC DATA

2017 ADT: 37,400
POSTED SPEED: 30 MPH - 35 MPH

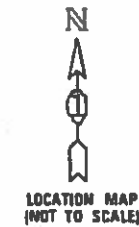
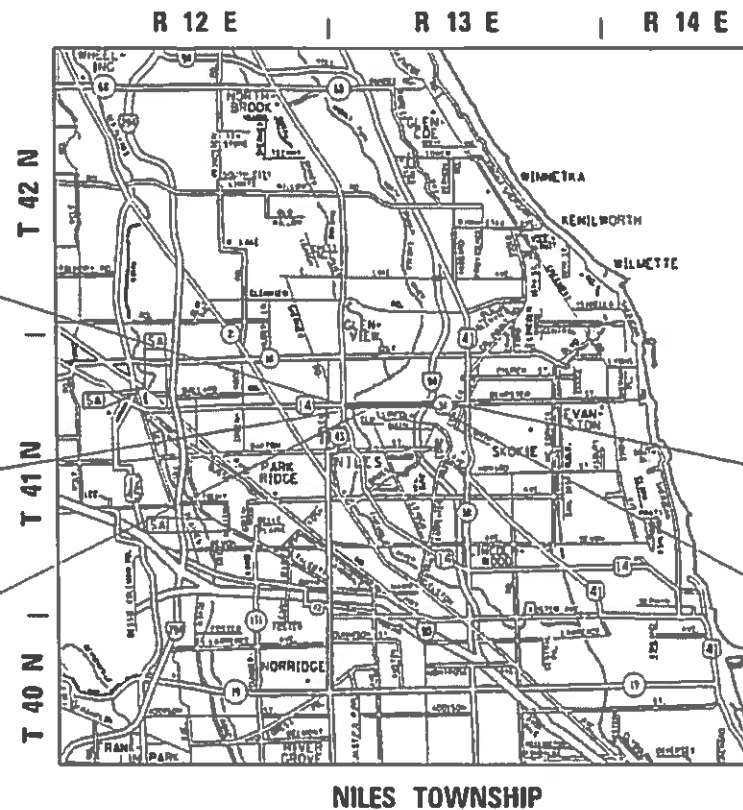


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: KARI SMITH (847) 705-4437
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62H45



PROJECT BEGINS
STA 14+61

OMISSION
STA 45+77.8
TO STA 46+1.8

OMISSION
STA 46+43.3
TO STA 47+19.0

PROJECT ENDS
STA 149+07

OMISSION
STA 112+12.6
TO STA 115+45.4

GROSS LENGTH = 13,550.7 FT. = 2.566 MILE
NET LENGTH = 13,118.2 FT. = 2.485 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 22 20 19
Anthony A. Rauscher REGIONAL ENGINEER
March 22 20 19
ENGINEER OF DESIGN AND ENVIRONMENT
March 22 20 19
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

URBAN

| SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE | | | | | | |
|-----------------------|--|-------|------------------------|------------------------|-----------------------------------|--|--|--|--|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | 80% FED 20% STATE 0005 | VILLAGE OF MORTON GROVE 100% 0005 | | | | |
| 20200100 | EARTH EXCAVATION | CU YD | 239 | 239 | | | | | |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SO YD | 585 | 585 | | | | | |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 5 | 5 | | | | | |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 5 | 5 | | | | | |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 5 | 5 | | | | | |
| 25200110 | SODDING, SALT TOLERANT | | 585 | 585 | | | | | |
| 25200200 | SUPPLEMENTAL WATERING | UNIT | 6 | 6 | | | | | |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 82058 | 82058 | | | | | |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | TON | 181 | 181 | | | | | |
| 40600827 | POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 | TON | 4965 | 4965 | | | | | |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SO YD | 1220 | 1220 | | | | | |
| 40601005 | HOT-MIX ASPHALT REPLACEMENT OVER PATCHES | TON | 168 | 168 | | | | | |
| 40603340 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | TON | 2176 | 2176 | | | | | |
| 42001300 | PROTECTIVE COAT | SO YD | 2705 | 2705 | | | | | |

URBAN

| SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE | | | | | | |
|-----------------------|---|-------|------------------------|------------------------|-----------------------------------|--|--|--|--|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | 80% FED 20% STATE 0005 | VILLAGE OF MORTON GROVE 100% 0005 | | | | |
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH | SO FT | 19566 | 19566 | | | | | |
| 42400800 | DETECTABLE WARNINGS | SO FT | 1433 | 1433 | | | | | |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SO YD | 120346 | 120346 | | | | | |
| 44000600 | SIDEWALK REMOVAL | SO FT | 19566 | 19566 | | | | | |
| 44002212 | HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3" | SO YD | 1002 | 1002 | | | | | |
| 44003100 | MEDIAN REMOVAL | SO FT | 130 | 130 | | | | | |
| 44201749 | CLASS D PATCHES, TYPE I, 9 INCH | SO YD | 10.5 | 10.5 | | | | | |
| 44201753 | CLASS D PATCHES, TYPE II, 9 INCH | SO YD | 408 | 408 | | | | | |
| 44201757 | CLASS D PATCHES, TYPE III, 9 INCH | SO YD | 343 | 343 | | | | | |
| 44201759 | CLASS D PATCHES, TYPE IV, 9 INCH | SO YD | 240 | 240 | | | | | |
| 60250200 | CATCH BASINS TO BE ADJUSTED | EACH | 13 | 13 | | | | | |
| 60252800 | CATCH BASINS TO BE RECONSTRUCTED | EACH | 12 | 12 | | | | | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 6 | 6 | | | | | |
| 60266600 | VALVE BOXES TO BE ADJUSTED | EACH | 27 | 27 | | | | | |
| 60300105 | FRAMES AND GRATES TO BE ADJUSTED | EACH | 10 | 10 | | | | | |
| 60404500 | FRAMES AND GRATES, TYPE 6 | EACH | 9 | 9 | | | | | |
| 60300305 | FRAMES AND LIDS TO BE ADJUSTED | EACH | 9 | 9 | | | | | |
| 60404000 | FRAMES AND LIDS, TYPE 1, OPEN LID | EACH | 5 | 5 | | | | | |
| 60618300 | CONCRETE MEDIAN SURFACE, 4 INCH | SO FT | 1832 | 1832 | | | | | |

REV. - MS

URBAN

URBAN

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|---|--------|------------------|------------------------|-----------------------------------|--|--|--|
| CODE NO | ITEM | UNIT | | 80% FED 20% STATE 0005 | VILLAGE OF MORTON GROVE 100% 0005 | | | |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 239 | 239 | | | | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 8 | 8 | | | | |
| * 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | LSUM | 1 | 1 | | | | |
| * 66901002 | ON-SITE MONITORING OF REGULATED SUBSTANCES | CAL DA | 40 | 40 | | | | |
| * 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | LSUM | 1 | 1 | | | | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 12 | 12 | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | |
| 70102625 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1 | 1 | | | | |
| 70102630 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | L SUM | 1 | 1 | | | | |
| 70102632 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 | L SUM | 1 | 1 | | | | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 | | | | |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | 1 | | | | |

* SPECIALTY ITEM

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|-------|------------------|------------------------|-----------------------------------|--|--|--|
| CODE NO | ITEM | UNIT | | 80% FED 20% STATE 0005 | VILLAGE OF MORTON GROVE 100% 0005 | | | |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 9128 | 9128 | | | | |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SO FT | 3045 | 3045 | | | | |
| 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SO FT | 2040 | 2040 | | | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 51938 | 51938 | | | | |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 11320 | 11320 | | | | |
| 70300250 | TEMPORARY PAVEMENT MARKING - LINE 8" | FOOT | 5603 | 5603 | | | | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 2685 | 2685 | | | | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 1575 | 1575 | | | | |
| 70300520 | PAVEMENT MARKING TAPE, TYPE III 4" | FOOT | 4565 | 4565 | | | | |
| * 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SO FT | 2040 | 2040 | | | | |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 51938 | 51938 | | | | |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 11320 | 11320 | | | | |
| * 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 5603 | 5603 | | | | |

REV. - MS

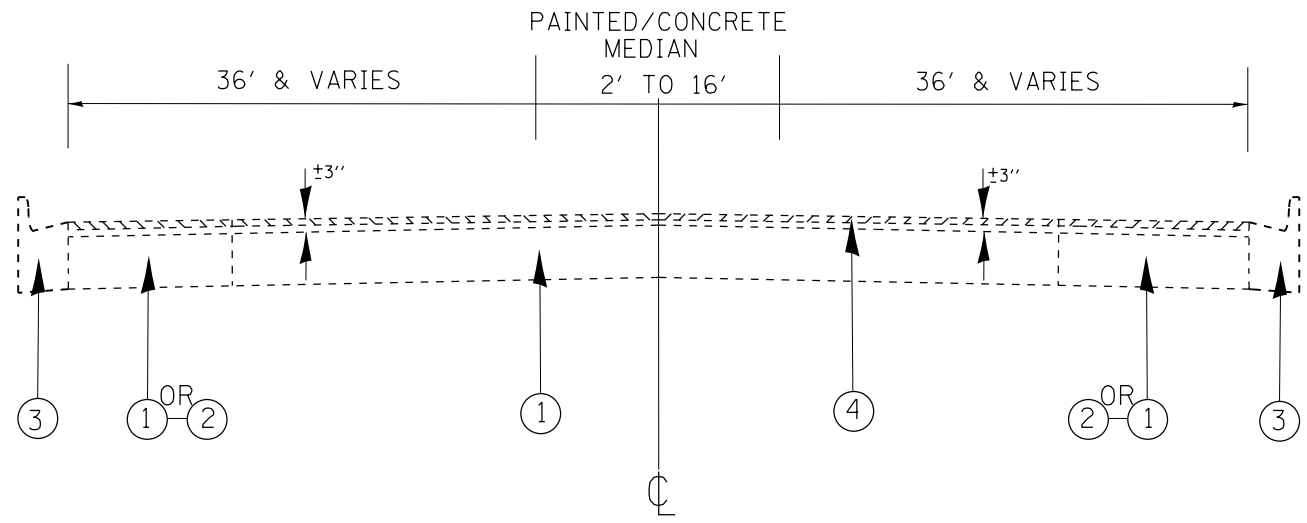
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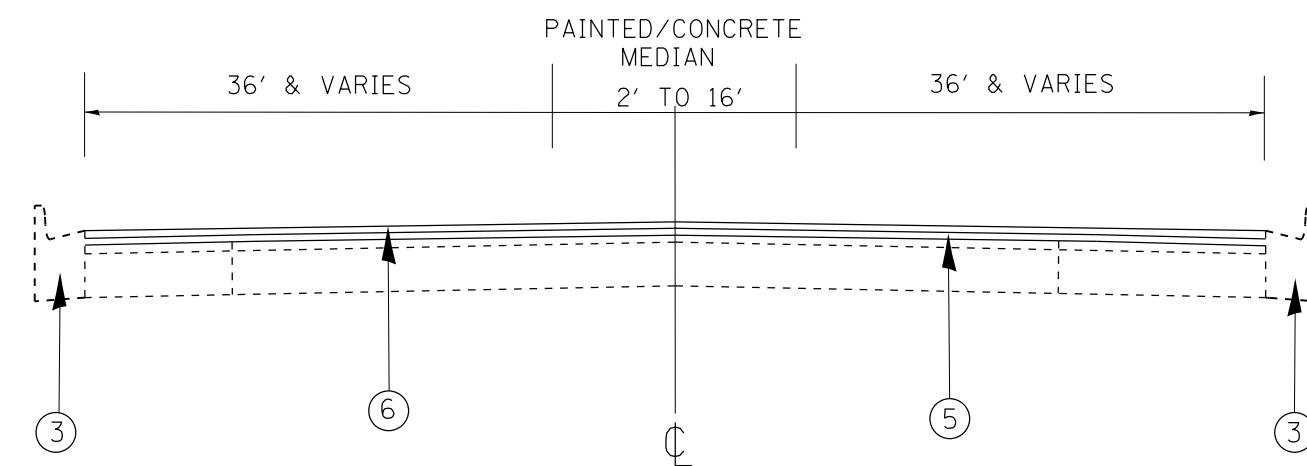
| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|-------|------------------|------------------------|-----------------------------------|--------|--------------------------|------------------|
| CODE NO | ITEM | UNIT | | 80% FED 20% STATE 0005 | VILLAGE OF MORTON GROVE 100% 0005 | | | |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 6495 | 6495 | | | | |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 1575 | 1575 | | | | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 1240 | 1240 | | | | |
| * 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 1186 | 1186 | | | | |
| * 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 10 | 10 | | | | |
| * 88600600 | DETECTOR LOOP REPLACEMENT | FOOT | 6356 | 6356 | | | | |
| * 89500400 | RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON | EACH | 21 | 21 | | | | |
| * 89502376 | REBUILD EXISTING HANDHOLE | EACH | 38 | 38 | | | | |
| X0320050 | CONSTRUCTION LAYOUT (SPECIAL) | L SUM | 1 | 1 | | | | |
| X0326806 | WASHOUT BASIN | L SUM | 1 | 1 | | | | |
| X0326864 | BRICK SIDEWALK REMOVAL | SO FT | 115 | 115 | | | | |
| X0327611 | REMOVE AND REINSTALL BRICK PAVER | SO FT | 997 | 997 | | | | |
| * X2600012 | REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY | EACH | 6 | 6 | | Ø 0042 | △ NON. PART - 100% STATE | * SPECIALTY ITEM |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|---|-------|------------------|------------------------|-----------------------------------|--|--|--|
| CODE NO | ITEM | UNIT | | 80% FED 20% STATE 0005 | VILLAGE OF MORTON GROVE 100% 0005 | | | |
| X4060004 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80 | TON | 9619 | 9619 | | | | |
| X4400220 | CURB REMOVAL AND REPLACEMENT | FOOT | 49 | 49 | | | | |
| X4402020 | CONCRETE MEDIAN SURFACE REMOVAL | FOOT | 1951 | 1951 | | | | |
| X5537800 | STORM SEWERS TO BE CLEANED 12" | FOOT | 1425 | 1425 | | | | |
| X6030310 | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | EACH | 285 | 285 | | | | |
| X7011015 | TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) | L SUM | 1 | 1 | | | | |
| X7030005 | TEMPORARY PAVEMENT MARKING REMOVAL | SO FT | 1522 | 1522 | | | | |
| XX005972 | STAMPED ASPHALT CROSSWALK | SO YD | 825 | | 825 | | | |
| X0327998 | BOLLARD TO BE RELOCATED | EACH | 8 | 8 | | | | |
| Z0004562 | COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT | FOOT | 3806 | 3806 | | | | |
| Z0018500 | DRAINAGE STRUCTURES TO BE CLEANED | EACH | 494 | 494 | | | | |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SO FT | 102.8 | 102.8 | | | | |
| Z0048665 | RAILROAD PROTECTIVE LIABILITY INSURANCE | L SUM | 1 | 1 | | | | |
| Z0076600 | TRAINEES | hour | 500 | 500 | | | | |
| Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | hour | 500 | 500 | | | | |

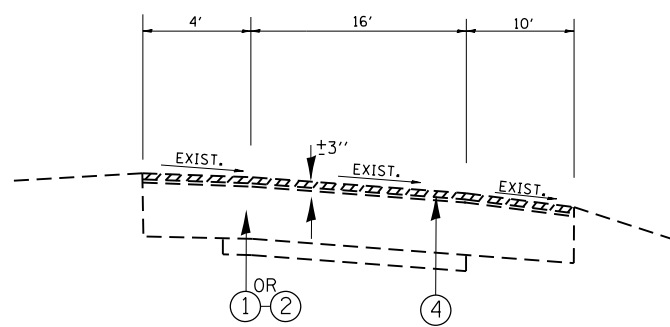
REV. - MS



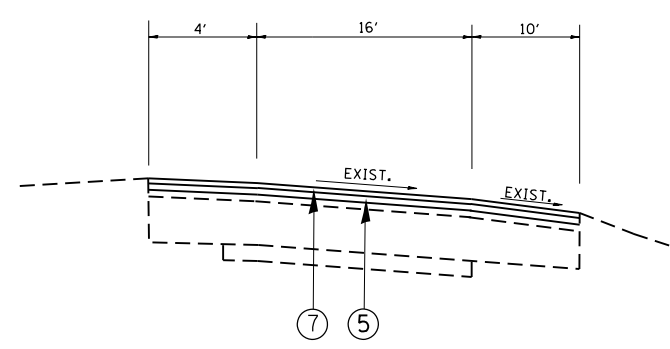
IL58/DEMPSTER STREET
EXISTING TYPICAL SECTION
STA 14+61 TO STA 149+07



IL58/DEMPSTER STREET
PROPOSED TYPICAL SECTION
STA 14+61 TO STA 149+07



IL 58 RAMPS @ I-94
EXISTING TYPICAL CROSS SECTION



IL 58 RAMPS @ I-94
PROPOSED TYPICAL CROSS SECTION

LEGEND

- ① EXISTING PCC PAVEMENT, ±9''
- ② EXISTING FULL DEPTH HMA, 11''
- ③ EXISTING CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL, 2 1/2''
- ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4''
- ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4''
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 3/4''

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | | QUALITY MANAGEMENT PROGRAM (QMP) |
|--|------------------|----------------------------------|
| MIXTURE TYPE | AIR VOIDS @ Ndes | |
| POLYMERIZED HMA SURFACE COURSE, SMA, N80, 9.5 | 3.5% @ 80 GYR. | PFP |
| HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm) | 4% @ 70 GYR. | QC/OA |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 | 3.5% @ 50 GYR. | OCP |
| CLASS D PATCHES (HMA BINDER IL-19 mm) | 4% @ 70 GYR. | QC/OA |
| HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm) | 4% @ 70 GYR. | QC/OA |

QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFP)

NOTES:

1. THE CONTRACTOR SHALL PATCH BEFORE MILLING
2. THE UNIT WEIGHT TO BE USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
3. 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 DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

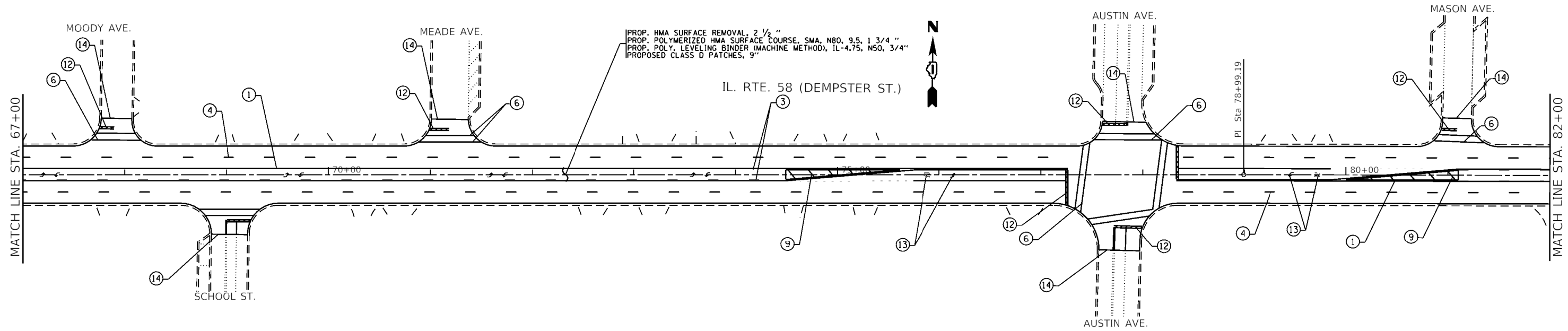
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| | | |
|------------------------------|-------------|-----------|
| USER NAME = josephm | DESIGNED - | REVISED - |
| DRAWN - | REVISIONS - | |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/6/2019 | DATE - | REVISED - |

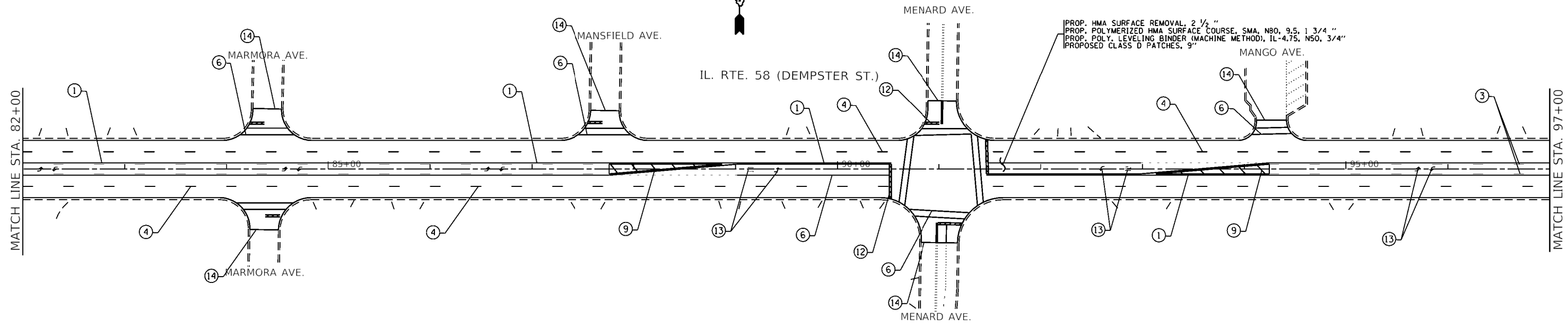
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

| | | | | |
|--------------------|------------------------|-------------|---------------------------|-------------|
| F.A.P. RTE. 377 | SECTION 2018-102-R5&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 6 |
| CONTRACT NO. 62H45 | | | ILLINOIS FED. AID PROJECT | |



- ① THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
- ② THPL PAVT MK LINE 4", SINGLE SOLID YELLOW LINE
- ③ THPL PAVT MK LINE 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP
- ④ THPL PAVT MK LINE 4", SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP
- ⑤ THPL PAVT MK LINE 6", SKIP DASH WHITE LANE LINE, 2' DASH - 6' SKIP
- ⑥ THPL PAVT MK LINE 6", SOLID WHITE LINE
- ⑦ THPL PAVT MK LINE 6", SOLID WHITE DIAGONAL, 45°
- ⑧ THPL PAVT MK LINE 8", SOLID WHITE LINE
- ⑨ THPL PAVT MK LINE 12", SOLID YELLOW DIAGONAL, 45°
- ⑩ THPL PAVT MK LINE 12", SOLID WHITE LINE
- ⑪ THPL PAVT MK LINE 12", SOLID WHITE DIAGONAL, 45°
- ⑫ THPL PAVT MK LINE 24", SOLID WHITE STOP BAR
- ⑬ THPL PAVT MK, LETTERS AND SYMBOLS
- ⑭ LIMT OF RESURFACING - BUTT JOINT
- ⑮ THPL PAVT MK LINE 4", SOLID WHITE LINE



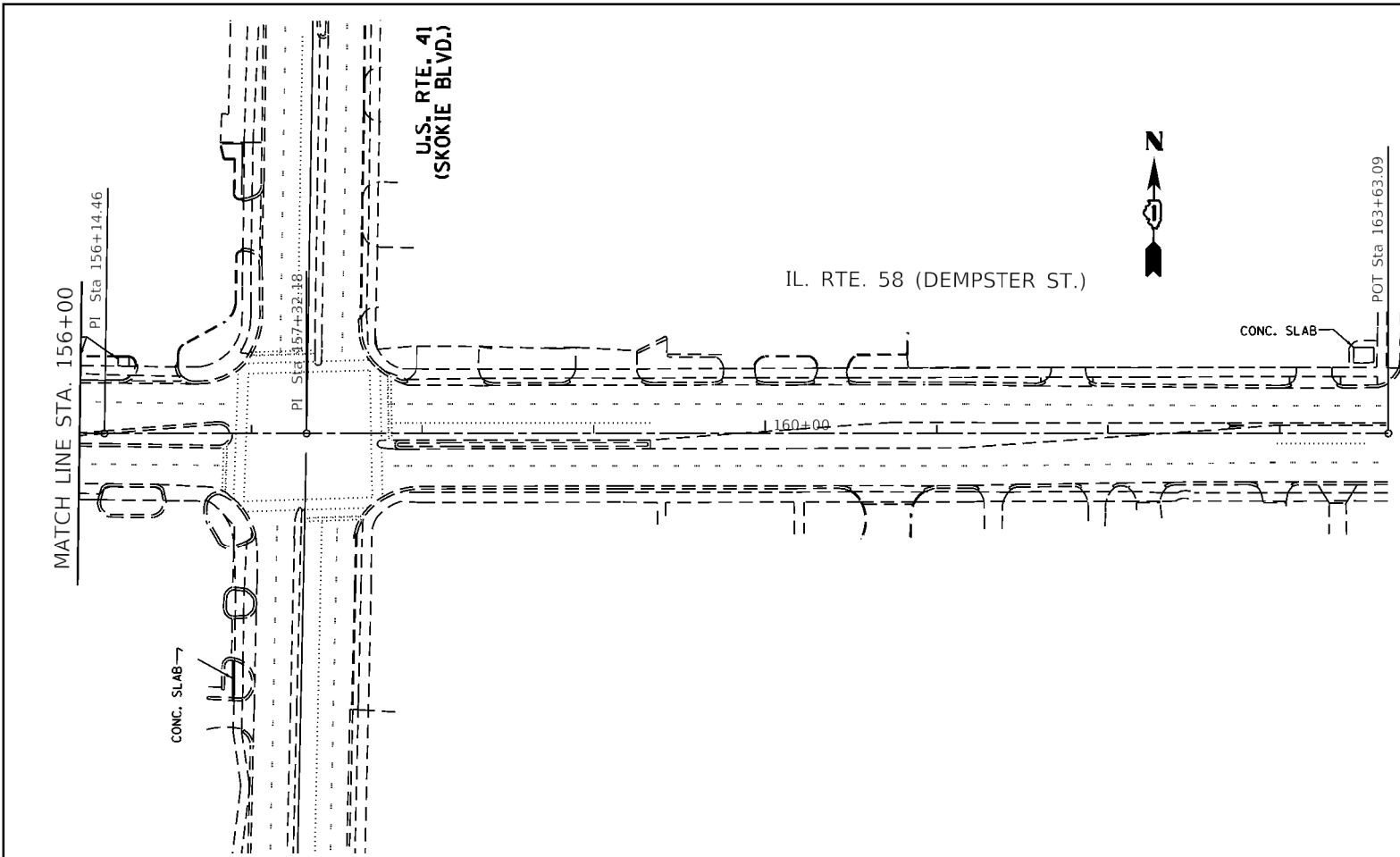
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| | | |
|------------------------------|------------|-----------|
| USER NAME = alshawabkehym | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0202' / in. | DRAWN - | REVISED - |
| PLOT DATE = 3/13/2019 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|------------------------------|
| ROADWAY PLAN | |
| IL. RTE 58 (DEMPSTER ST.) (WAUKEGAN RD. - SKOKIE BLVD.) | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

| | | | | |
|-----------------|------------------------|-------------|--------------------|-------------|
| F.A.P. RTE. 377 | SECTION 2018-102-R5&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 9 |
| | | | CONTRACT NO. 62H45 | |
| | | ILLINOIS | FED. AID PROJECT | |



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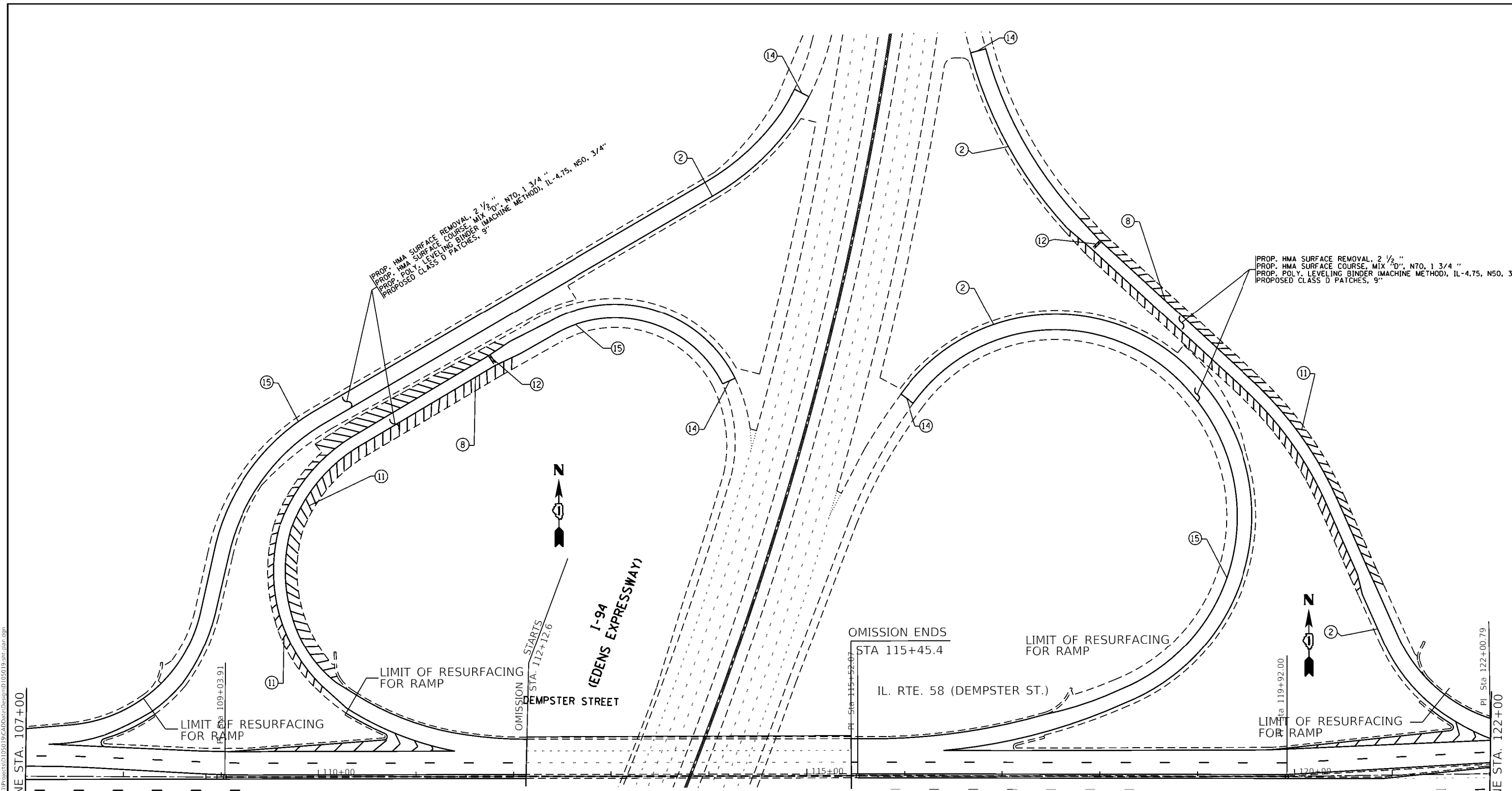
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|------------------------------|------------|-----------|
| USER NAME = alshawabkehym | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0001" / in. | DRAWN - | REVISED - |
| PLOT DATE = 3/13/2019 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|---|-------|----|--------|
| ROADWAY PLAN IL. RTE 58 (DEMPSTER ST.) (WAUKEGAN RD. - SKOKIE BLVD.) | | | |
| SCALE: | SHEET | OF | SHEETS |
| | STA. | TO | STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-R56SW | COOK | 83 | 12 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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PROP. HMA SURFACE REMOVAL, 2 1/2" N70, 1 3/4"
 PROP. HMA SURFACE COURSE, MIX "D", N70, 1 3/4"
 PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROPOSED CLASS D PATCHES, 9"

PROP. HMA SURFACE REMOVAL, 2 1/2" N70, 1 3/4"
 PROP. HMA SURFACE COURSE, MIX "D", N70, 1 3/4"
 PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROPOSED CLASS D PATCHES, 9"

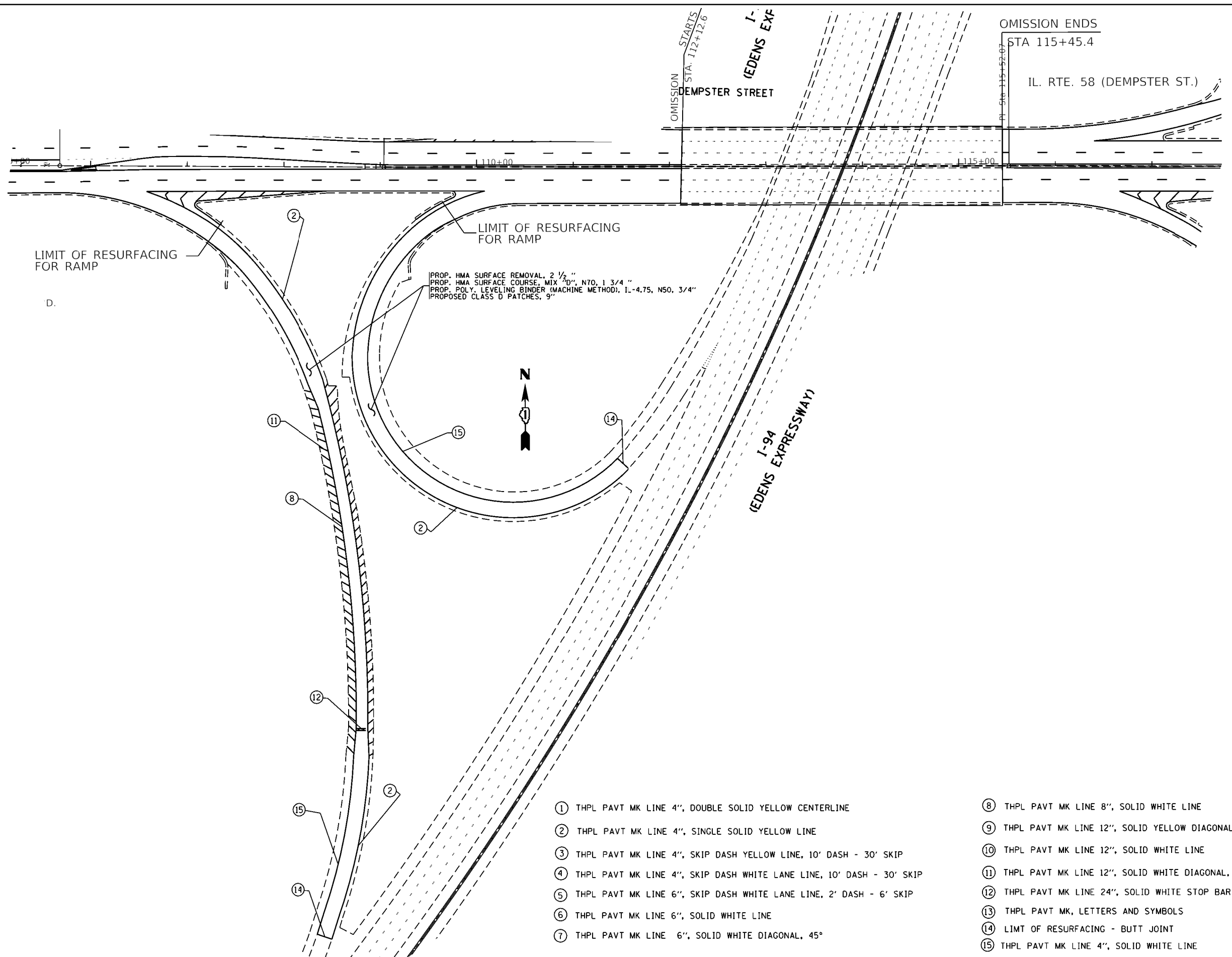
- | | |
|--|---|
| ① THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE | ⑧ THPL PAVT MK LINE 8", SOLID WHITE LINE |
| ② THPL PAVT MK LINE 4", SINGLE SOLID YELLOW LINE | ⑨ THPL PAVT MK LINE 12", SOLID YELLOW DIAGONAL, 45° |
| ③ THPL PAVT MK LINE 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP | ⑩ THPL PAVT MK LINE 12", SOLID WHITE LINE |
| ④ THPL PAVT MK LINE 4", SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP | ⑪ THPL PAVT MK LINE 12", SOLID WHITE DIAGONAL, 45° |
| ⑤ THPL PAVT MK LINE 6", SKIP DASH WHITE LANE LINE, 2' DASH - 6' SKIP | ⑫ THPL PAVT MK LINE 24", SOLID WHITE STOP BAR |
| ⑥ THPL PAVT MK LINE 6", SOLID WHITE LINE | ⑬ THPL PAVT MK, LETTERS AND SYMBOLS |
| ⑦ THPL PAVT MK LINE 6", SOLID WHITE DIAGONAL, 45° | ⑭ LIMIT OF RESURFACING - BUTT JOINT |
| | ⑮ THPL PAVT MK LINE 4", SOLID YELLOW LINE |

| | | |
|------------------------------|------------|-----------|
| USER NAME = alshwabkehym | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0035' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/13/2019 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|--|-------|-----------|--------------|
| ROADWAY PLAN | | | |
| IL 58 RAMPS AT I-94 (NE & NW QUADRANTS) | | | |
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-R5&SW | COOK | 83 | 13 |
| CONTRACT NO. 62H45 | | | ILLINOIS FED. AID PROJECT | |



- ① THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
- ② THPL PAVT MK LINE 4", SINGLE SOLID YELLOW LINE
- ③ THPL PAVT MK LINE 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP
- ④ THPL PAVT MK LINE 4", SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP
- ⑤ THPL PAVT MK LINE 6", SKIP DASH WHITE LANE LINE, 2' DASH - 6' SKIP
- ⑥ THPL PAVT MK LINE 6", SOLID WHITE LINE
- ⑦ THPL PAVT MK LINE 6", SOLID WHITE DIAGONAL, 45°
- ⑧ THPL PAVT MK LINE 8", SOLID WHITE LINE
- ⑨ THPL PAVT MK LINE 12", SOLID YELLOW DIAGONAL, 45°
- ⑩ THPL PAVT MK LINE 12", SOLID WHITE LINE
- ⑪ THPL PAVT MK LINE 12", SOLID WHITE DIAGONAL, 45°
- ⑫ THPL PAVT MK LINE 24", SOLID WHITE STOP BAR
- ⑬ THPL PAVT MK, LETTERS AND SYMBOLS
- ⑭ LIMT OF RESURFACING - BUTT JOINT
- ⑮ THPL PAVT MK LINE 4", SOLID WHITE LINE

MODEL: D:\e\ur...
 FILE NAME: ...
 PROJECT: ...
 DATE: 3/13/2019

| | | |
|------------------------------|------------|-----------|
| USER NAME = alshawabkehym | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0714' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/13/2019 | DATE - | REVISED - |

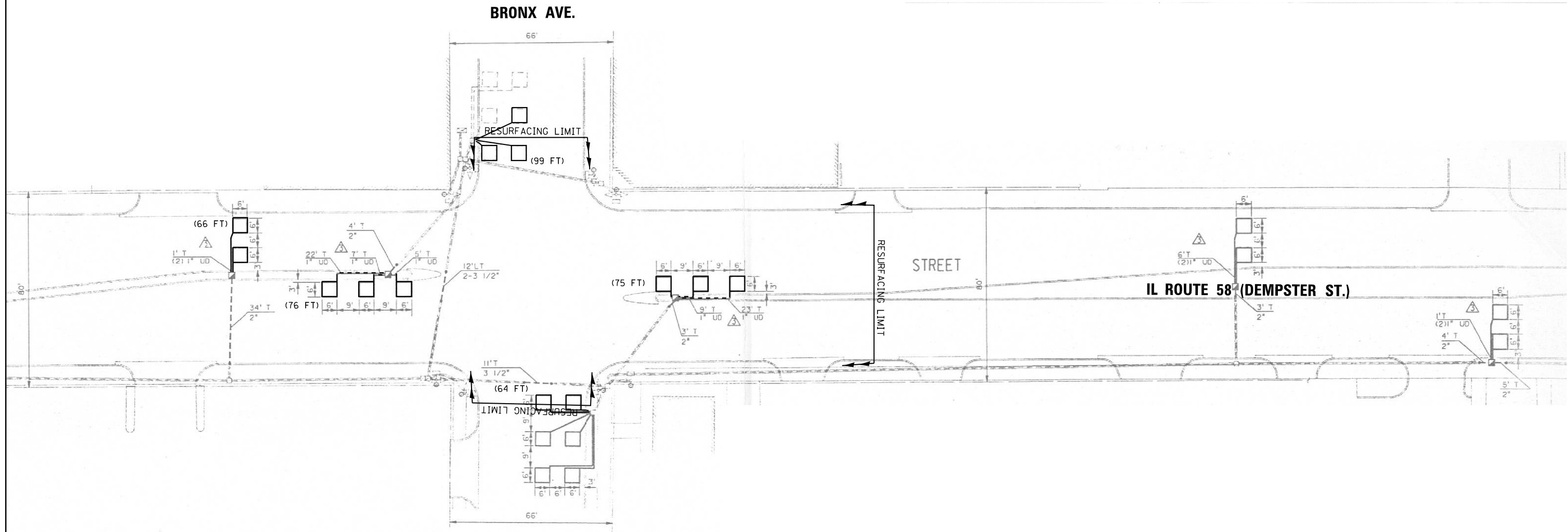
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL 58 RAMPS AT I-94 (SW QUADRANT)

| | | | | |
|-------------------------------------|------------------------|-------------|--------------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-R5&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 14 |
| SCALE: SHEET OF SHEETS STA. TO STA. | | | CONTRACT NO. 62H45 | |
| ILLINOIS FED. AID PROJECT | | | | |

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

| CODE | ITEM | QUANTITY | UNIT |
|----------|---------------------------|----------|------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 380 | FOOT |

| | | | |
|---|---------------------|------------------|-----------|
| FILE NAME = 62H45 -Dempster @ Bronx Ave.dgn | USER NAME = vargeso | DESIGNED - AV | REVISED - |
| | | DRAWN - AV | REVISED - |
| | | CHECKED - LP | REVISED - |
| | | DATE - 1/10/2019 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

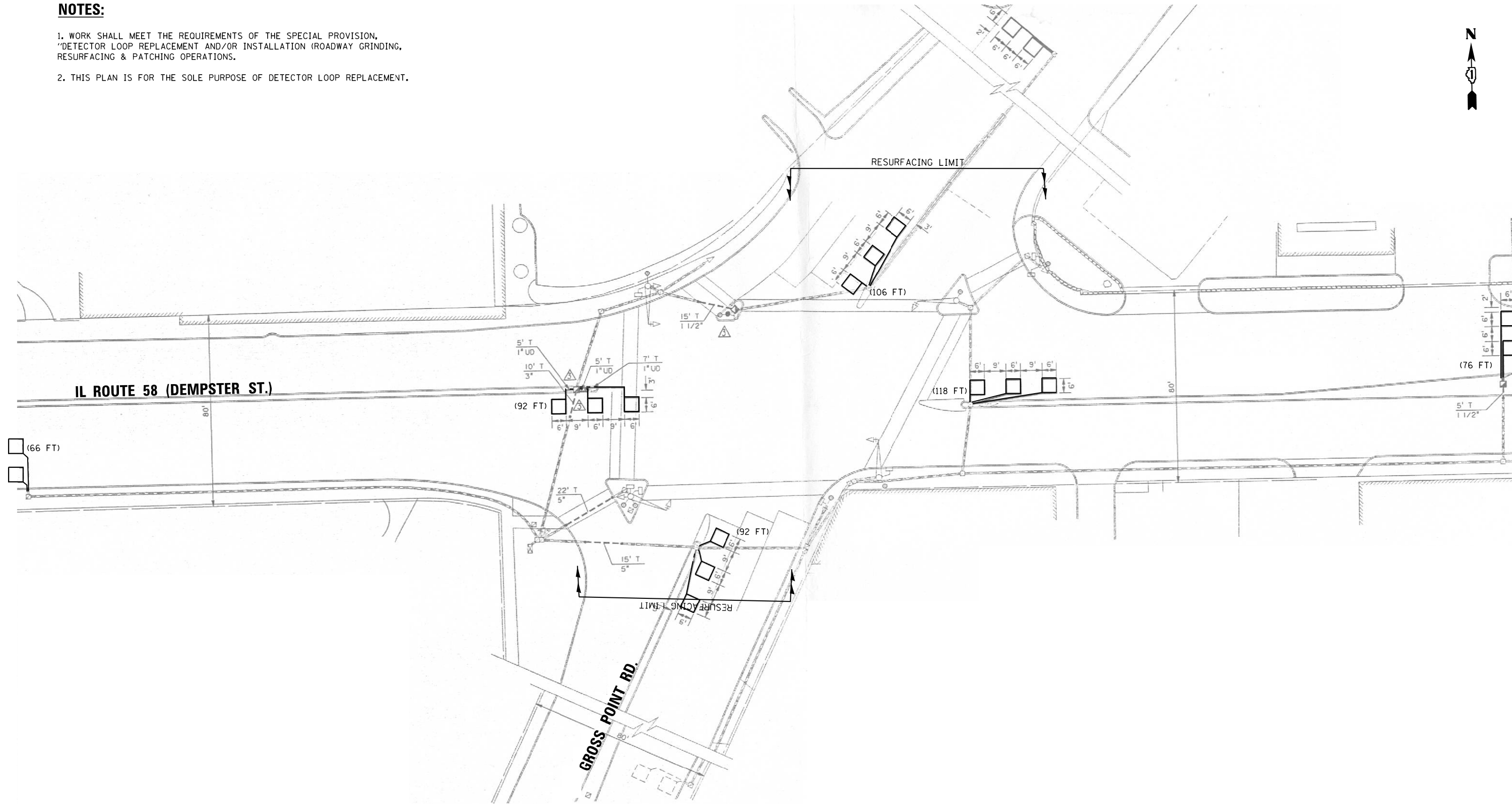
**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 58 (DEMPSTER ST.) AT BRONX AVE.**

| | | | | |
|--------------------|------------------------|-------------|-----------------|---------------------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 17 |
| CONTRACT NO. 62H45 | | | | ILLINOIS FED. AID PROJECT |

SCALE: SHEET OF SHEETS STA. TO STA.

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



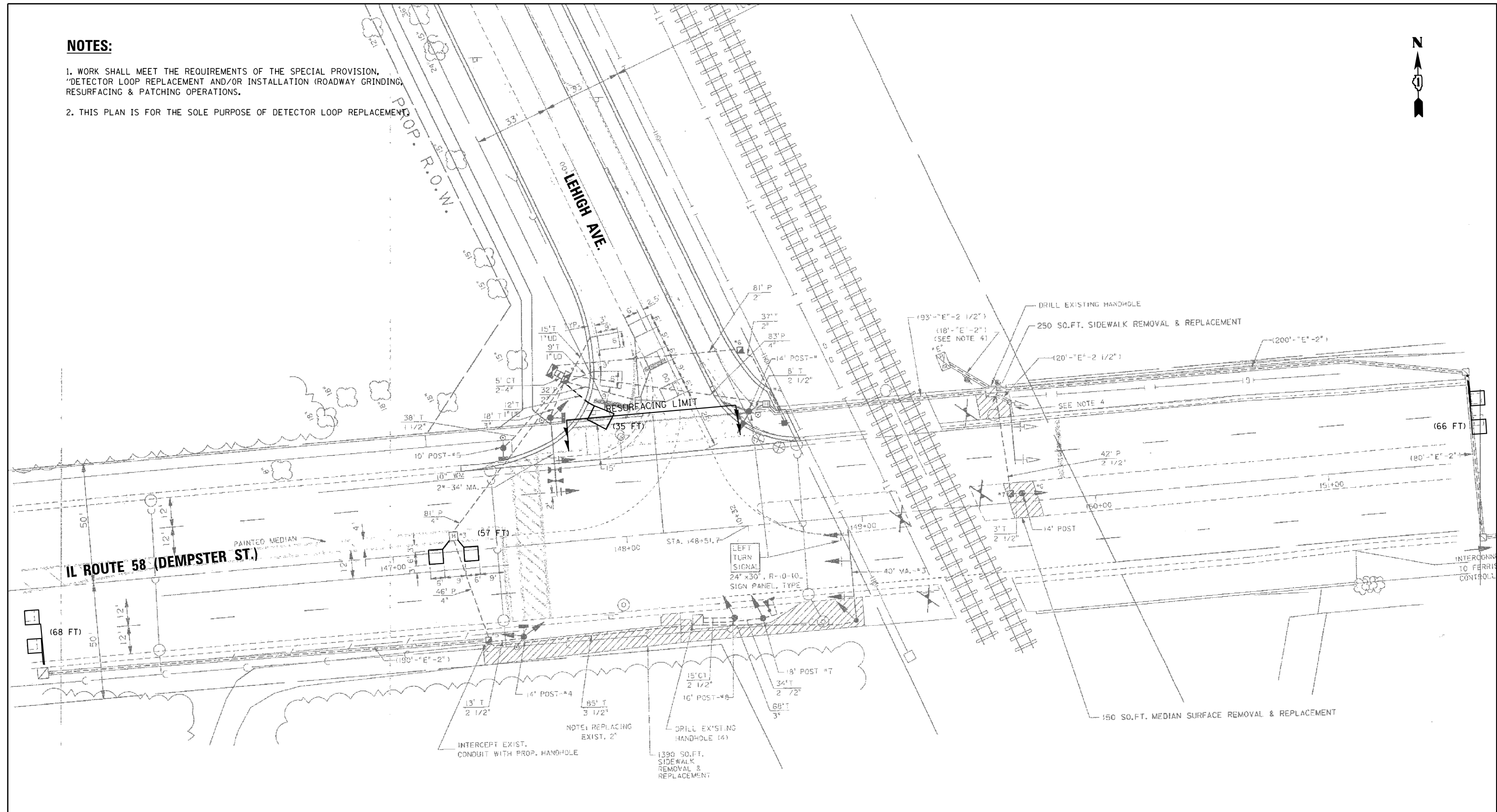
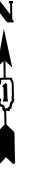
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

| CODE | ITEM | QUANTITY | UNIT |
|----------|---------------------------|----------|------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 550 | FOOT |

| | | | | | | | | | | | | |
|--|-----------------------------|------------------|-----------|---|--|--------------------|------------------------|-------------|-----------------|--------------|----|------|
| FILE NAME = 62H45 -Dempster @ Gross Point Rd.dgn | USER NAME = vargese | DESIGNED - AV | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETECTOR LOOP REPLACEMENT PLAN IL RTE. 58 (DEMPSTER ST.) AT GROSS POINT RD. | F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 21 | | |
| Default | PLOT SCALE = 48.0046' / in. | CHECKED - LP | REVISED - | | | CONTRACT NO. 62H45 | | | | | | |
| | PLOT DATE = 1/10/2019 | DATE = 1/10/2019 | REVISED - | | | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. |
| ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



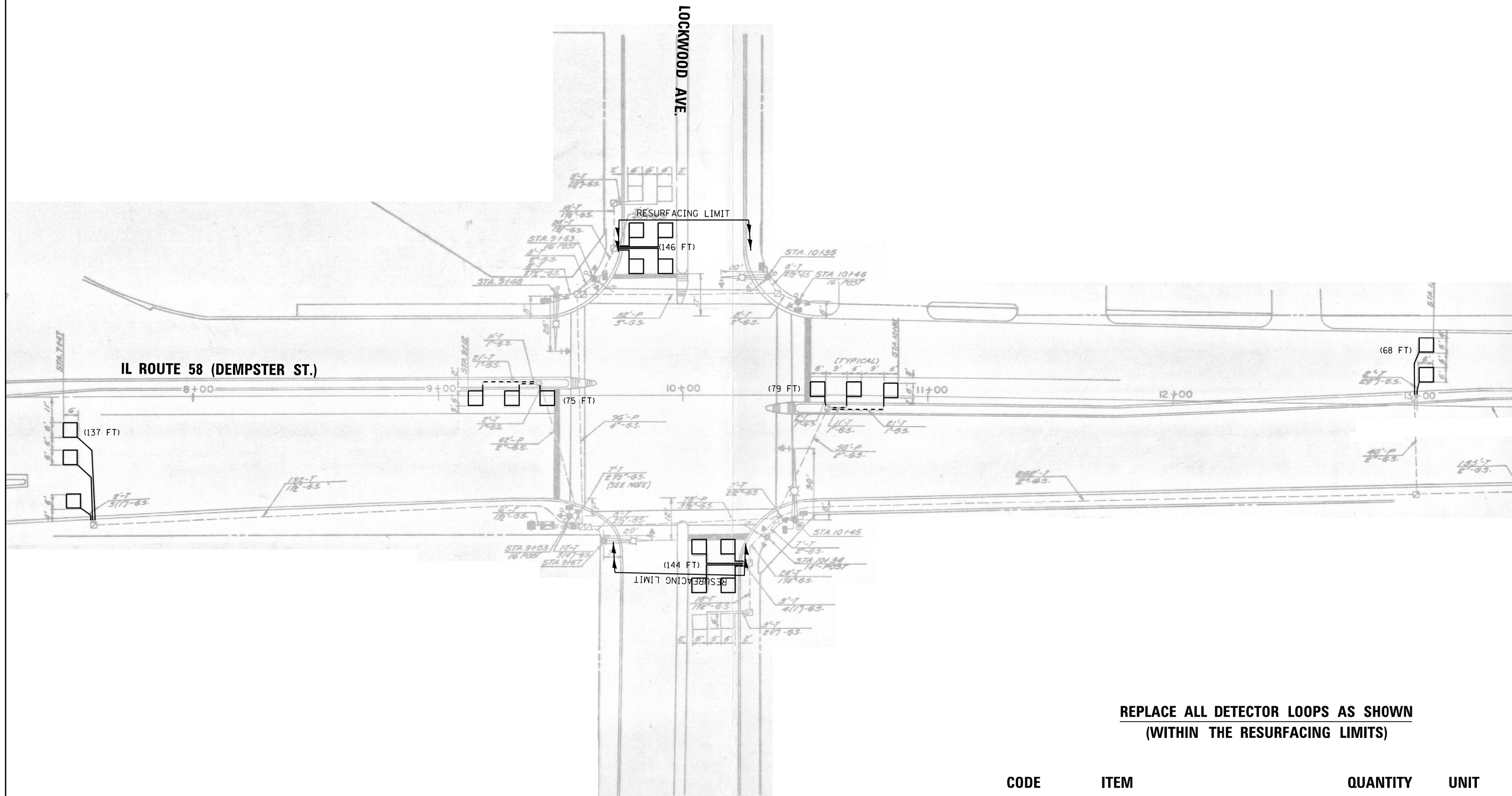
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

| CODE | ITEM | QUANTITY | UNIT |
|----------|---------------------------|----------|------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 226 | FOOT |

| | | | | | | | | | | | | |
|--|-----------------------------|-----------------|-----------|---|--|--------------------|------------------------|--------------|---------------------------|--------------|--|--|
| FILE NAME = 62H45 -Dempster @ Lehigh Ave.dgn | USER NAME = vargaso | DESIGNED - AV | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETECTOR LOOP REPLACEMENT PLAN IL RTE. 58 (DEMPSTER ST.) AT LEHIGH AVE. | F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 22 | | |
| Default | PLOT SCALE = 48.0163' / in. | CHECKED - LP | REVISED - | | | SCALE: | SHEET OF SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT | | | |
| | PLOT DATE = 1/9/2019 | DATE - 1/9/2019 | REVISED - | | | CONTRACT NO. 62H45 | | | | | | |
| | | | | | | | | | | | | |

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



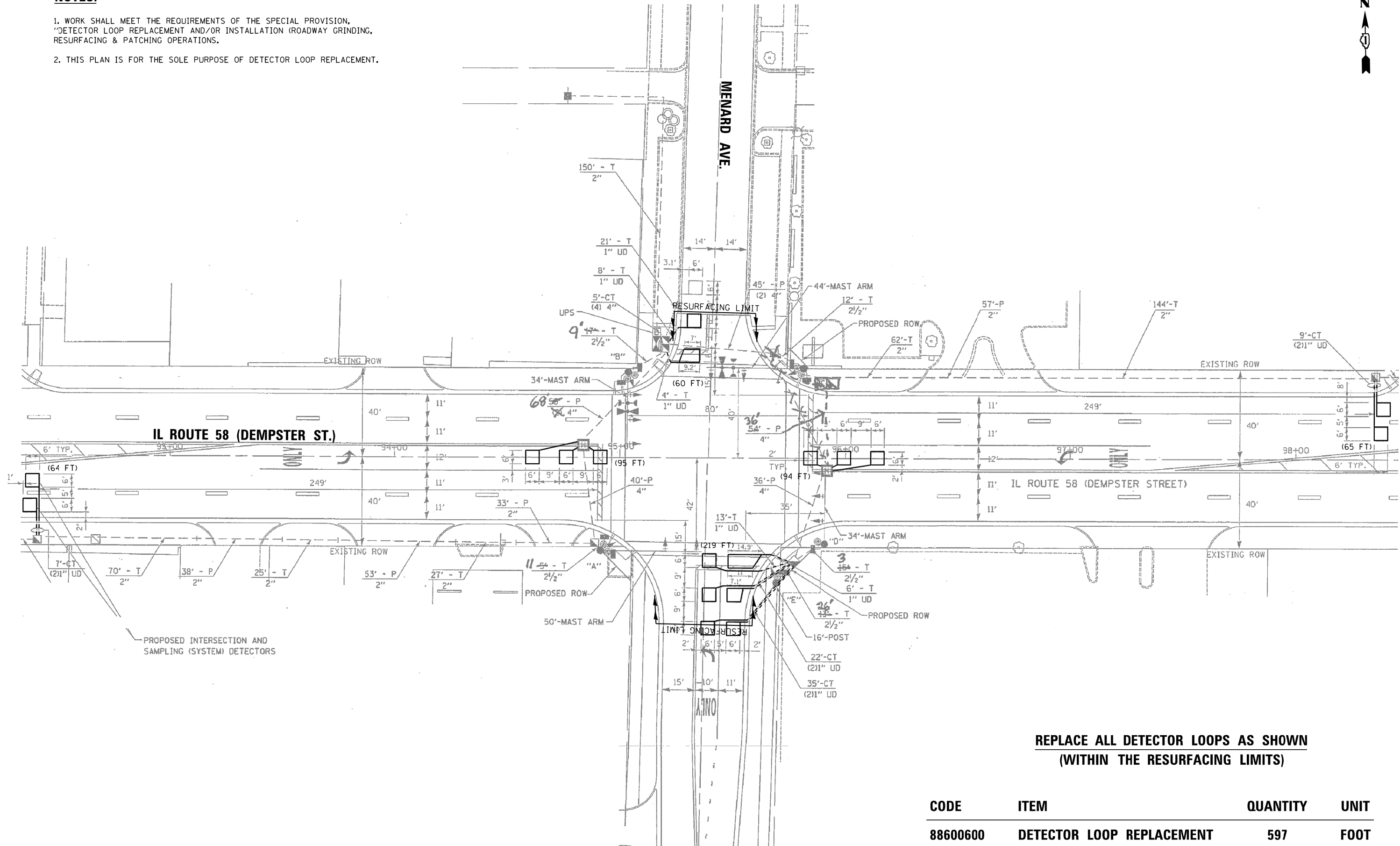
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

| CODE | ITEM | QUANTITY | UNIT |
|----------|---------------------------|----------|------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 649 | FOOT |

| | | | | | | | | | | | | |
|--|---------------------|---------------|-----------|---|--|-----------------|------------------------|---------------------------|-----------------|--------------|--|--|
| FILE NAME = 62H45 -Dempster @ Lockwood Ave.dgn | USER NAME = vargese | DESIGNED - AV | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETECTOR LOOP REPLACEMENT PLAN IL RTE. 58 (DEMPSTER ST.) AT LOCKWOOD AVE. | F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 23 | | |
| PLOT SCALE = 40.0128" / in. | CHECKED - LP | REVISED - | SCALE: | | | SHEET OF SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT | | | | |
| PLOT DATE = 1/10/2019 | DATE - 1/10/2019 | REVISED - | | | | | | | | | | |
| Default | | | | | | | | | | | | |

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

| CODE | ITEM | QUANTITY | UNIT |
|----------|---------------------------|----------|------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 597 | FOOT |

| | | | |
|---|-----------------------------|------------------|-----------|
| FILE NAME = 62H45 -Dempster @ Menard Ave .dgn | USER NAME = vargese | DESIGNED - AV | REVISED - |
| Default | PLOT SCALE = 48.0117' / in. | DRAWN - AV | REVISED - |
| | PLOT DATE = 1/10/2019 | CHECKED - LP | REVISED - |
| | | DATE - 1/10/2019 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

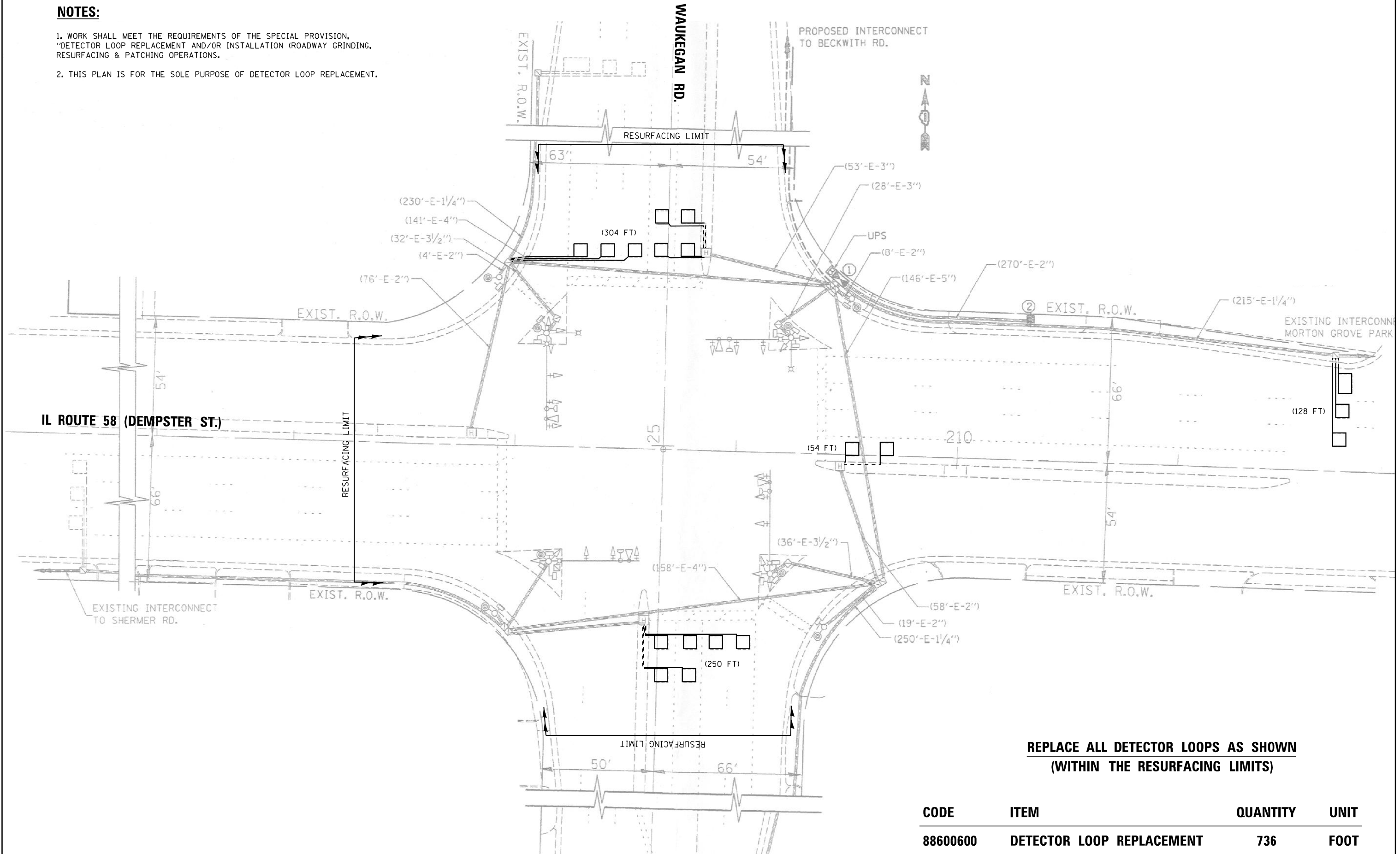
**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 58 (DEMPSTER ST.) AT MENARD AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 24 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

| CODE | ITEM | QUANTITY | UNIT |
|----------|---------------------------|----------|------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 736 | FOOT |

| | | | |
|---|---------------------|-----------------|-----------|
| FILE NAME = 62H45 -Dempster @ Waukegan Rd.dgn | USER NAME = vargese | DESIGNED - AV | REVISED - |
| | | DRAWN - AV | REVISED - |
| | | CHECKED - LP | REVISED - |
| | | DATE - 1/9/2019 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 58 (DEMPSTER ST.) AT WAUKEGAN RD.**

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 27 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE: SHEET OF SHEETS STA. TO STA.

| INTERSECTION | 20200100 EARTH EXCAVATION CU YD | 21101615 TOPSOIL F & P 4 SQ YD | 25000400 NITROGEN FERT NUTR POUND | 25000500 PHOSPHORUS FERT NUTR POUND | 25000600 POTASSIUM FERT NUTR POUND | 25200110 SODDING SALT TOLERANT SQ YD | 25200200 SUPPLEMENTAL WATERING UNIT | 42001300 PROTECTIVE COAT SQ YD | 42400200 PC CONC SIDEWALK 5 SQ FT | 42400800 DETECTABLE WARNINGS SQ FT | 44000600 SIDEWALK REM SQ FT | 44201749 CLASS D PATCHES, TYPE I, 9 INCH SQ YD | 44201753 CLASS D PATCHES, TYPE II, 9 INCH SQ YD | 44201757 CLASS D PATCHES, TYPE III, 9 INCH SQ YD | 44201759 CLASS D PATCHES, TYPE IV, 9 INCH SQ YD |
|-------------------------------------|--|---|---|---|--|--|--|---|--|---|--------------------------------------|---|--|---|--|
| IL RTE 58 AND WAUKEGAN ROAD | 23.7 | 24.3 | 0.30 | 0.30 | 0.30 | 24.3 | 0.36 | 131.9 | 1747.8 | 158 | 1712.5 | 0 | 13.2 | 59.5 | 53.2 |
| IL RTE 58 AT NEW ENGLAND AVENUE | 3.8 | 4.4 | 0.05 | 0.05 | 0.05 | 4.4 | 0.07 | 15.4 | 292 | 26.8 | 259.6 | 0 | 14.7 | 19.8 | 0 |
| IL RTE 58 AT ATHLETIC AVENUE | 9 | 20.2 | 0.25 | 0.25 | 0.25 | 20.2 | 0.30 | 30.2 | 408 | 61.9 | 356.7 | 0 | 24.7 | 20.3 | 33.2 |
| IL RTE 58 AND OAK PARK AVENUE | 8 | 19.4 | 0.24 | 0.24 | 0.24 | 19.4 | 0.29 | 7.8 | 258.4 | 20 | 276.4 | 0 | 17.4 | 0 | 0 |
| IL RTE 58 AND BIRCH AVENUE | 4.3 | 10.4 | 0.13 | 0.13 | 0.13 | 10.4 | 0.16 | 8.5 | 167.3 | 20 | 149.4 | 0 | 18.2 | 0 | 0 |
| IL RTE 58 AND LEHIGH AVENUE | 10.2 | 12.6 | 0.16 | 0.16 | 0.16 | 12.6 | 0.19 | 19.1 | 675.6 | 69.7 | 682.9 | 0 | 0 | 23.9 | 27 |
| IL RTE 58 AND LINCOLN AVENUE | 7 | 17.1 | 0.21 | 0.21 | 0.21 | 17.1 | 0.26 | 9 | 221.1 | 20 | 238 | 0 | 5.9 | 16.6 | 0 |
| IL RTE 58 AND NARRAGANSETT AVENUE | 5.1 | 10.8 | 0.13 | 0.13 | 0.13 | 10.8 | 0.16 | 10.3 | 226.4 | 21.1 | 220.7 | 0 | 18.7 | 0 | 0 |
| IL RTE 58 AND FERRIS AVENUE | 8.8 | 2.9 | 0.04 | 0.04 | 0.04 | 2.9 | 0.04 | 33.8 | 800.6 | 58 | 801.1 | 8.6 | 17.7 | 42.6 | 0 |
| IL RTE 58 AND CALLIE AVENUE | 3.4 | 2.5 | 0.03 | 0.03 | 0.03 | 2.5 | 0.04 | 16.4 | 260.5 | 16 | 268 | 0 | 0 | 35.3 | 0 |
| IL RTE 58 AND GEORGIANA AVENUE | 1.9 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 7.3 | 184.5 | 19.6 | 185.2 | 1.9 | 6.2 | 0 | 0 |
| IL RTE 58 AND MOODY AVENUE | 5 | 8 | 0.10 | 0.10 | 0.10 | 8 | 0.12 | 64 | 441 | 35 | 426 | 0 | 0 | 0 | 0 |
| IL RTE 58 AND SCHOOL STREET | 3 | 6 | 0.07 | 0.07 | 0.07 | 6 | 0.09 | 48 | 300.5 | 20 | 300 | 0 | 10 | 0 | 0 |
| IL RTE 58 AND MEADE AVENUE | 7 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 68 | 510.5 | 36 | 511 | 0 | 20 | 0 | 0 |
| IL RTE 58 AND AUSTIN AVENUE | 11 | 6 | 0.07 | 0.07 | 0.07 | 6 | 0.09 | 148 | 1122 | 84 | 1122 | 0 | 27 | 0 | 0 |
| IL RTE 58 AND MASON AVENUE | 6 | 7 | 0.09 | 0.09 | 0.09 | 7 | 0.11 | 77 | 552 | 36 | 552 | 0 | 12 | 33 | 0 |
| IL RTE 58 AND MARMORA AVENUE | 11 | 35 | 0.43 | 0.43 | 0.43 | 35 | 0.53 | 149 | 941.5 | 76 | 944 | 0 | 0 | 22 | 0 |
| IL RTE 58 AND MANSFIELD AVENUE | 5 | 18 | 0.22 | 0.22 | 0.22 | 18 | 0.27 | 67 | 504.5 | 32 | 500 | 0 | 0 | 0 | 0 |
| IL RTE 58 AND MENARD AVENUE | 12 | 28 | 0.35 | 0.35 | 0.35 | 28 | 0.42 | 188 | 1233 | 95 | 1240 | 0 | 0 | 0 | 25 |
| IL RTE 58 AND MANGO AVENUE | 3 | 3 | 0.04 | 0.04 | 0.04 | 3 | 0.05 | 37 | 256 | 18 | 248 | 0 | 0 | 0 | 0 |
| IL RTE 58 AND MAJOR AVENUE | 10 | 16 | 0.20 | 0.20 | 0.20 | 16 | 0.24 | 133 | 936.5 | 70 | 945 | 0 | 0 | 39 | 0 |
| IL RTE 58 AND PARKSIDE AVENUE | 7 | 10 | 0.12 | 0.12 | 0.12 | 10 | 0.15 | 84 | 645.5 | 36 | 662 | 0 | 0 | 18 | 0 |
| IL RTE 58 AND CENTRAL AVENUE | 5 | 16 | 0.20 | 0.20 | 0.20 | 16 | 0.24 | 78 | 483.5 | 53 | 463 | 0 | 13 | 18 | 0 |
| IL RTE 58 AND LOCKWOOD AVENUE | 12 | 11 | 0.14 | 0.14 | 0.14 | 0 | 0.17 | 166 | 1161 | 68 | 1091 | 0 | 21 | 0 | 0 |
| IL RTE 58 AND GROSS POINT ROAD | 18 | 28 | 0.35 | 0.35 | 0.35 | 28 | 0.42 | 260 | 1556 | 164 | 1326 | 0 | 54 | 0 | 0 |
| IL RTE 58 AND LECLAIRE AVENUE | 7 | 30 | 0.37 | 0.37 | 0.37 | 30 | 0.45 | 97 | 698.5 | 32 | 728 | 0 | 0 | 0 | 0 |
| IL RTE 58 AND SKOKIE SWIFT TERMINAL | 15 | 38 | 0.47 | 0.47 | 0.47 | 38 | 0.57 | 202 | 1370 | 63 | 1292 | 0 | 0 | 0 | 0 |
| IL RTE 58 AND BRONX AVENUE | 2 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 28 | 186 | 22 | 186 | 0 | 0 | 0 | 27 |
| TOTAL | 224 | 385 | 5 | 5 | 5 | 374 | 6 | 2184 | 18140.5 | 1431 | 17687 | 11 | 294 | 348 | 166 |

| INTERSECTION | 60250200 CATCH BASINS ADJUST EACH | 60255500 MANHOLES TO BE ADJUSTED EACH | 60266600 VALVE BOXES TO BE ADJUST EACH | 60618300 CONCRETE MEDIAN SURFACE 4 INCH SQ FT | 85000200 MAINTAIN EXISTING TRF SIGN INSTALL EACH | 89500400 RELOCATE EXISTING PEDESTRIAN PUSH BUTTON EACH | 89502376 REBUILD EXISTING HANDHOLE EACH | X0326864 BRICK SIDEWALK REM SQ FT | X0327301 RELOCATE EXISTING MAILBOX EACH | X0327611 REM & REINSTALL BRICK PAVEMENT SQ FT | X2600012 REM & REL SIGN PANEL AND POLE ASSEMBLY EACH | X4400220 CURB REMOVAL AND REPLACEMENT FOOT | X4402020 CONCRETE MEDIAN SURFACE REMOVAL SQ FT | XX007452 RELOCATE BOLLARDS EACH | Z0004562 COMB C&G REMOV REPL FOOT |
|-------------------------------------|---|---|--|--|---|--|---|---|---|---|--|--|---|--|---|
| IL RTE 58 AND WAUKEGAN ROAD | 0 | 1 | 1 | 0 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 445 |
| IL RTE 58 AT NEW ENGLAND AVENUE | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52.1 |
| IL RTE 58 AT ATHLETIC AVENUE | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101.8 |
| IL RTE 58 AND OAK PARK AVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.4 |
| IL RTE 58 AND BIRCH AVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.6 |
| IL RTE 58 AND LEHIGH AVENUE | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 64.3 |
| IL RTE 58 AND LINCOLN AVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30.2 |
| IL RTE 58 AND NARRAGANSETT AVENUE | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34.8 |
| IL RTE 58 AND FERRIS AVENUE | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 114.2 |
| IL RTE 58 AND CALLIE AVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55.2 |
| IL RTE 58 AND GEORGIANA AVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.7 |
| IL RTE 58 AND MOODY AVENUE | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| IL RTE 58 AND SCHOOL STREET | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 41 |
| IL RTE 58 AND MEADE AVENUE | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 40 |
| IL RTE 58 AND AUSTIN AVENUE | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 71 | 0 | 13 | 0 | 6 | 94 |
| IL RTE 58 AND MASON AVENUE | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| IL RTE 58 AND MARMORA AVENUE | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 |
| IL RTE 58 AND MANSFIELD AVENUE | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| IL RTE 58 AND MENARD AVENUE | 1 | 0 | 4 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 180 |
| IL RTE 58 AND MANGO AVENUE | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| IL RTE 58 AND MAJOR AVENUE | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118 |
| IL RTE 58 AND PARKSIDE AVENUE | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| IL RTE 58 AND CENTRAL AVENUE | 2 | 0 | 0 | 0 | 1 | 3 | 3 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 85 |
| IL RTE 58 AND LOCKWOOD AVENUE | 0 | 0 | 0 | 57 | 0 | 4 | 3 | 15 | 0 | 211 | 0 | 0 | 0 | 0 | 153 |
| IL RTE 58 AND GROSS POINT ROAD | 2 | 0 | 0 | 98 | 1 | 5 | 10 | 100 | 0 | 349 | 0 | 0 | 217 | 0 | 365 |
| IL RTE 58 AND LECLAIRE AVENUE | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 1 | 0 | 0 | 0 | 77 |
| IL RTE 58 AND SKOKIE SWIFT TERMINAL | 1 | 0 | 2 | 0 | 1 | 3 | 3 | 0 | 0 | 208 | 0 | 0 | 0 | 0 | 187 |
| IL RTE 58 AND BRONX AVENUE | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| TOTAL | 11 | 5 | 25 | 155 | 10 | 22 | 38 | 115 | 1 | 949 | 6 | 62 | 217 | 7 | 2708 |

FILE NAME = D:\Engineering\LiveProjects\3028 IDOT DUR Work Order #24 - 62H45\CADD\CADD Sheets\Civil\162H45-ah1-Sched Quant.dgn

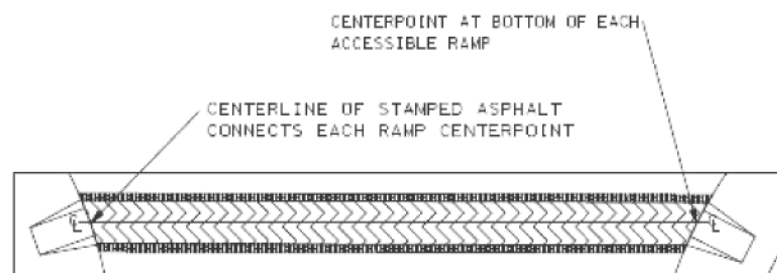
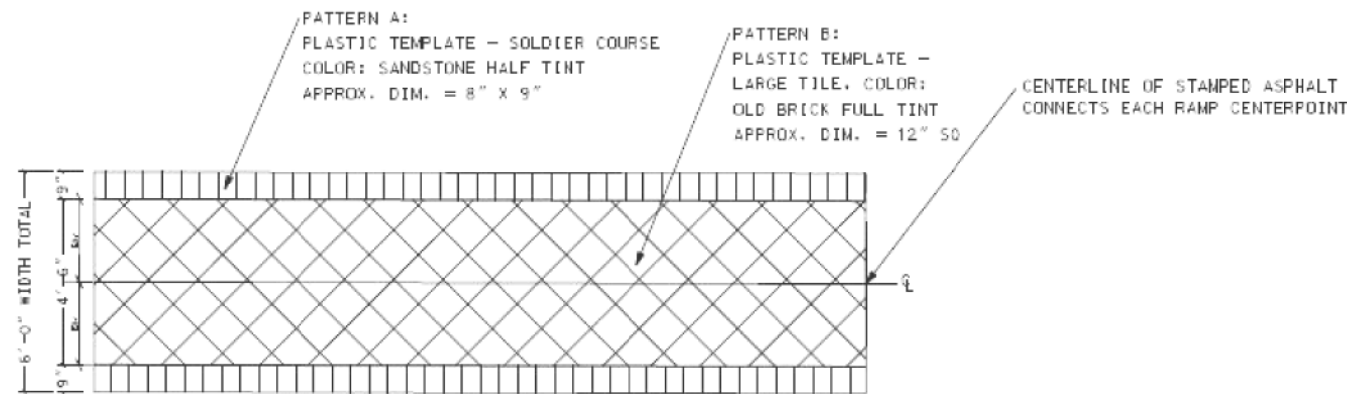


| | | |
|----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - LRC | REVISED - |
| | DRAWN - JN | REVISED - |
| PLOT SCALE = 2.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/11/2019 | DATE - 01/28/2019 | REVISED - |

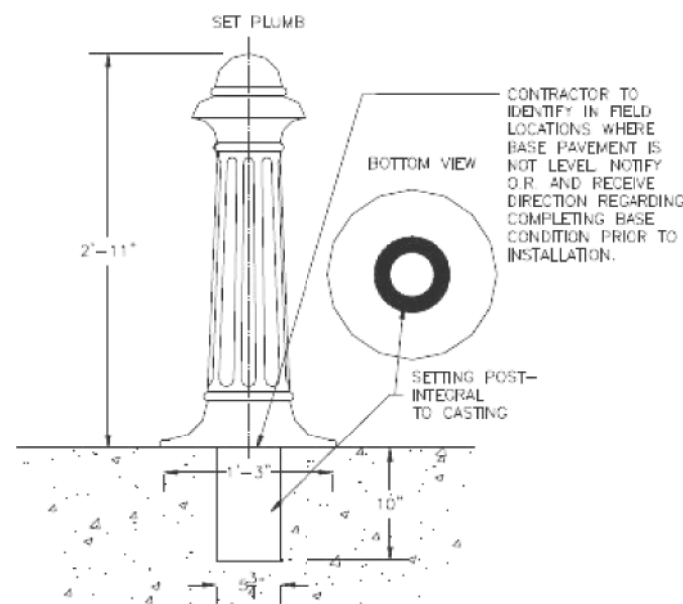
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SCHEDULE OF QUANTITIES | | | |
|--|-------|-----------|--------------|
| IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD) | | | |
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RD&SW | COOK | 83 | 28 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



② STAMPED ASPHALT WALK DETAIL
N.T.S.



③ BOLLARD DETAIL
N.T.S.

NOTES:

1. REVIEW EACH ASPHALT WALK LAYOUT IN FIELD WITH ENGINEER PRIOR TO INSTALLATION.

STAMPED ASPHALT NOTES:

1. SEE SPECIFICATIONS FOR INSTALLATION METHODS
2. THE SYSTEM MUST BE INSTALLED BY CONTRACTORS TRAINED IN STAMPING AND COATING ASPHALT SURFACES.
3. LIQUID TINT TO BE ADDED ON JOB SITE. A "FULL TINT, HALF TINT, QUARTER TINT" REFERS TO THE PORTION OF 1 PINT OF LIQUID TINT ADDED TO A 5 GALLON PAIL OF STENCIL COAT.
4. AS LITTLE AS 1 FLUID OUNCE AND AS MUCH AS 2 PINTS OF LIQUID TINT CAN BE ADDED TO A 5 GALLON PAIL OF STENCIL COAT TO ACHIEVE THE DESIRED DEPTH OF COLOR.

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DURWork Order #24 - 62H45\CADD\CADD Sheets\Civil\62H45-akt-Details.dgn



| | | |
|----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - LRC | REVISED - |
| DRAWN - JN | REVISIONS - | |
| PLOT SCALE = 2.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RD&SW | COOK | 83 | 29 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



WAUKEGAN ROAD

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

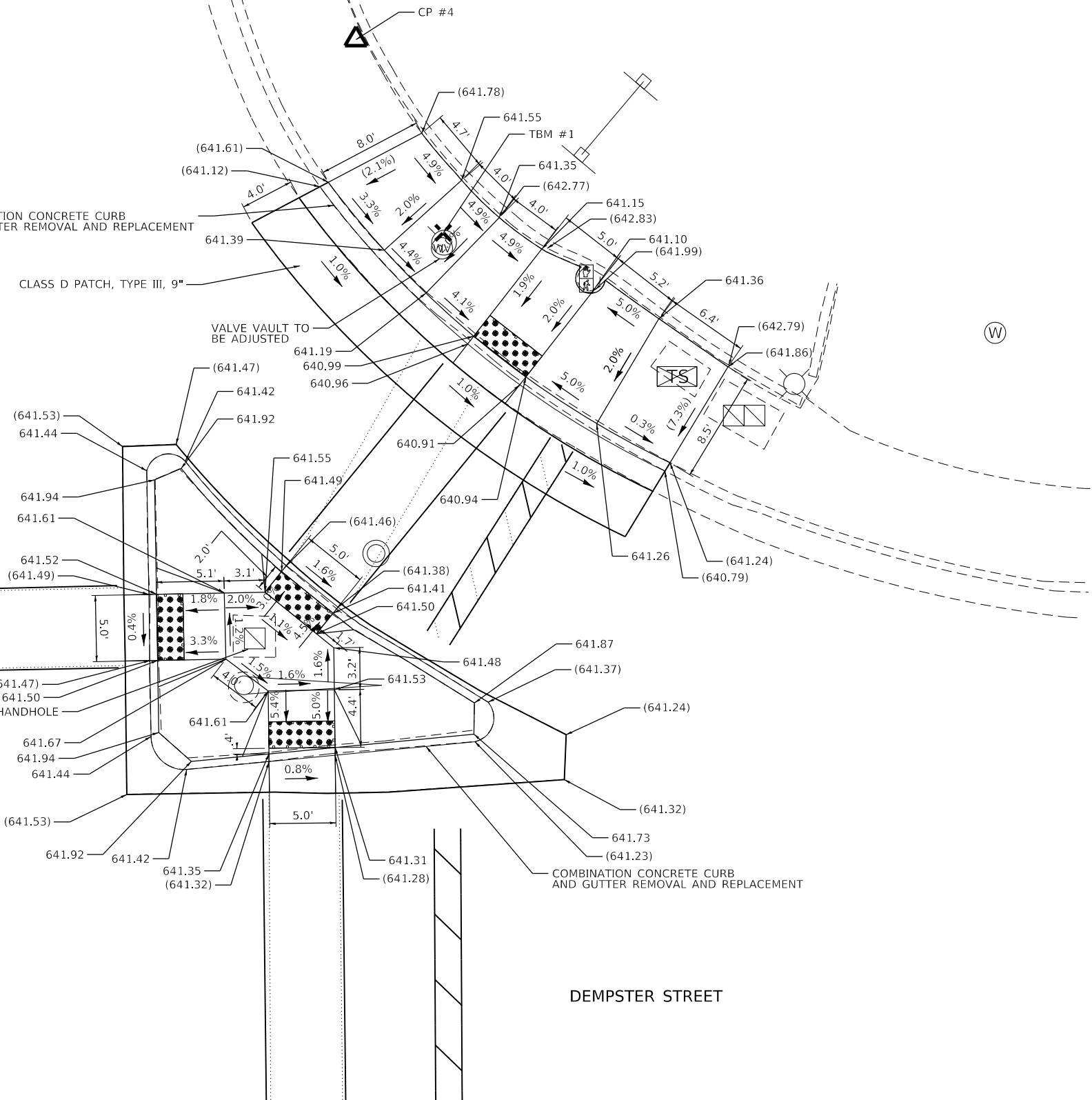
CLASS D PATCH, TYPE III, 9"

VALVE VAULT TO BE ADJUSTED






REBUILD EXISTING HANDHOLE

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

DEMPSTER STREET



LEGEND

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

TBM #1
 NORTHEAST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF DEMPSTER ST. AND WAUKEGAN RD
 ELEV.: 643.98
 N: 1958013.881
 E: 1129423.951



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS - IL 58 AND WAUKEGAN RD, NE
 IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

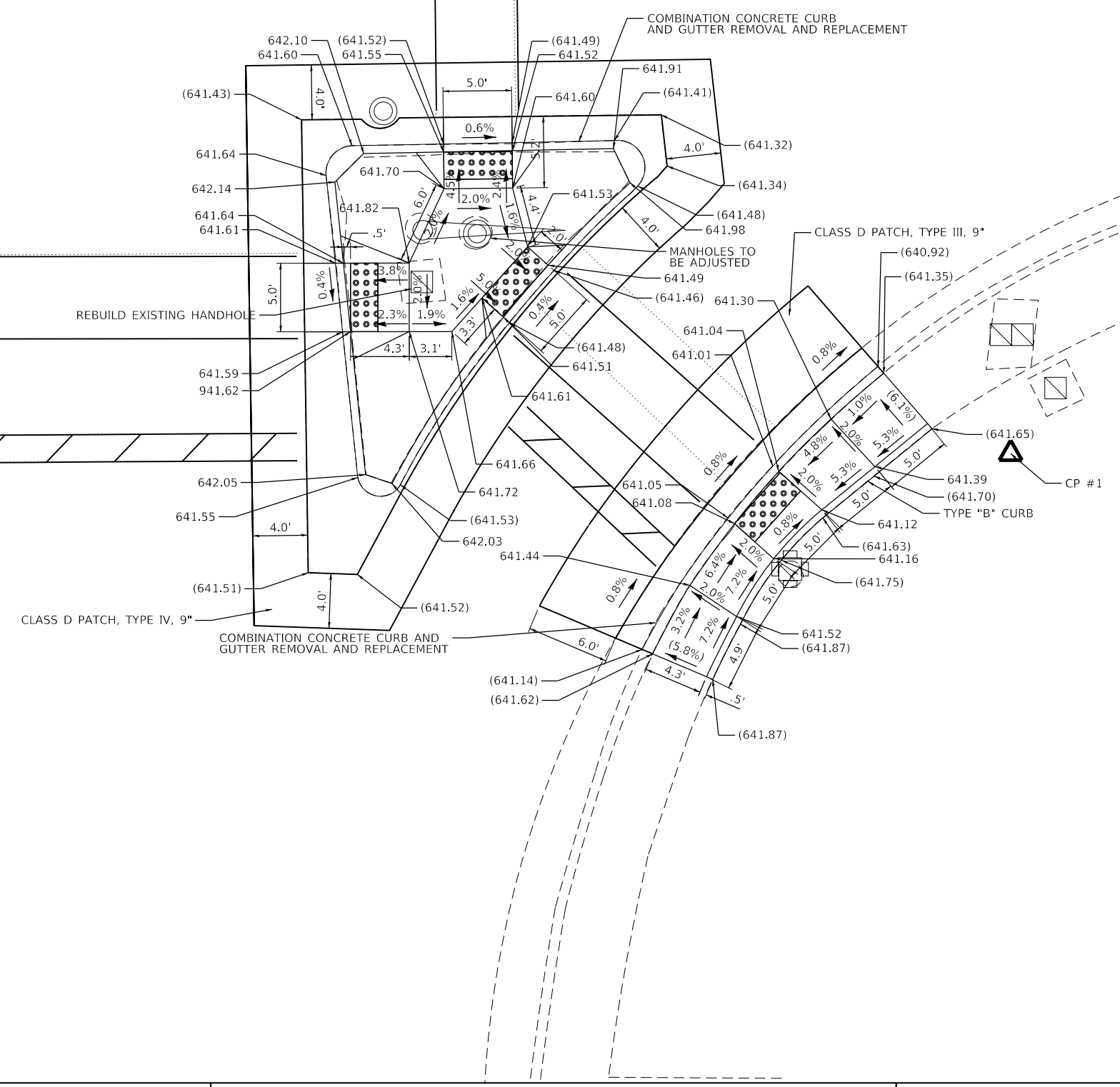
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|--------------------|------------------------|-------------|-----------------|---------------------------|
| F.A.P. RTE. 337 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 30 |
| CONTRACT NO. 62H45 | | | | ILLINOIS FED. AID PROJECT |

FILE NAME = X:\OHA\2017\2017-06\CAD\Trans\ dgn\CAD_Shts\1162H45 IL 58 and Waukegan Rd NE.dgn



DEMPSTER STREET

WAUKEGAN ROAD



CP #1
SET IRON ROD
ELEV.: 641.90
N: 1957858.30
E: 1129453.22

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| | EXISTING ELEVATION/SLOPE |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |



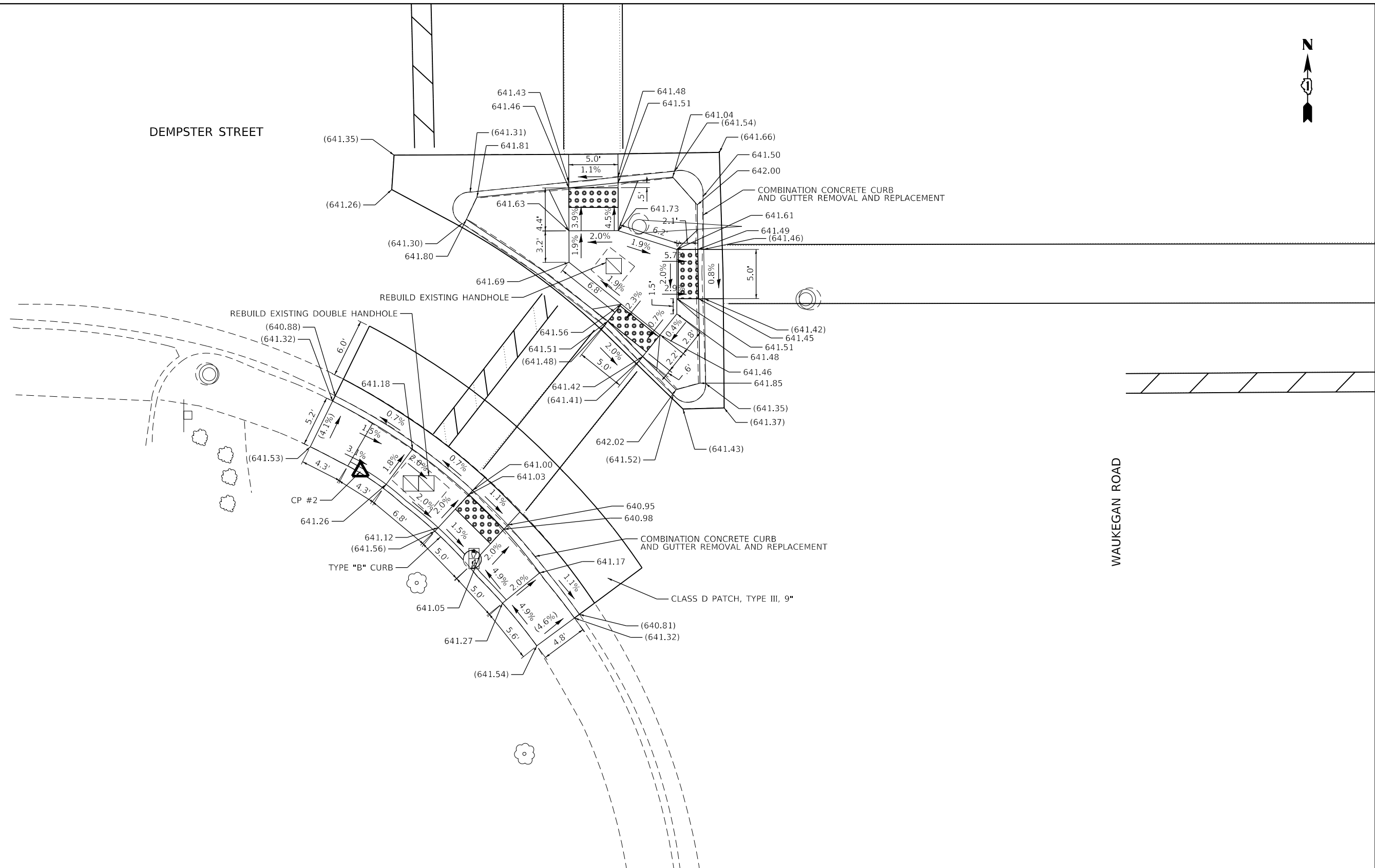
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|--------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 1/200.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - IL 58 AND WAUKEGAN RD, SE
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)
SCALE: 1" = 5'

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 337 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 32 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = X:\OHA\2017\2017-06\CAD\Trans.dgn\CAD_Shts\0162H45_IL58_and_Waukegan_Rd_SE.dgn



CP #2
SET "+"

ELEV.: 641.58

N: 1957849.57
E: 1129278.95

LEGEND

| | | | |
|--|--------------------------|--|---|
| | PROPOSED SIDEWALK | | DETECTABLE WARNINGS |
| | PROPOSED SIDE CURB | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING ELEVATION/SLOPE | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS - IL 58 AND WAUKEGAN RD, SW
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**
SCALE: 1" = 5'

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 337 | 2018-102-RS&SW | COOK | 83 | 33 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = X:\OHA\2017\20173007-06\CAD\Trans.dgn CAD_Shts\0162H45_IL58 and Waukegan Rd SW.dgn

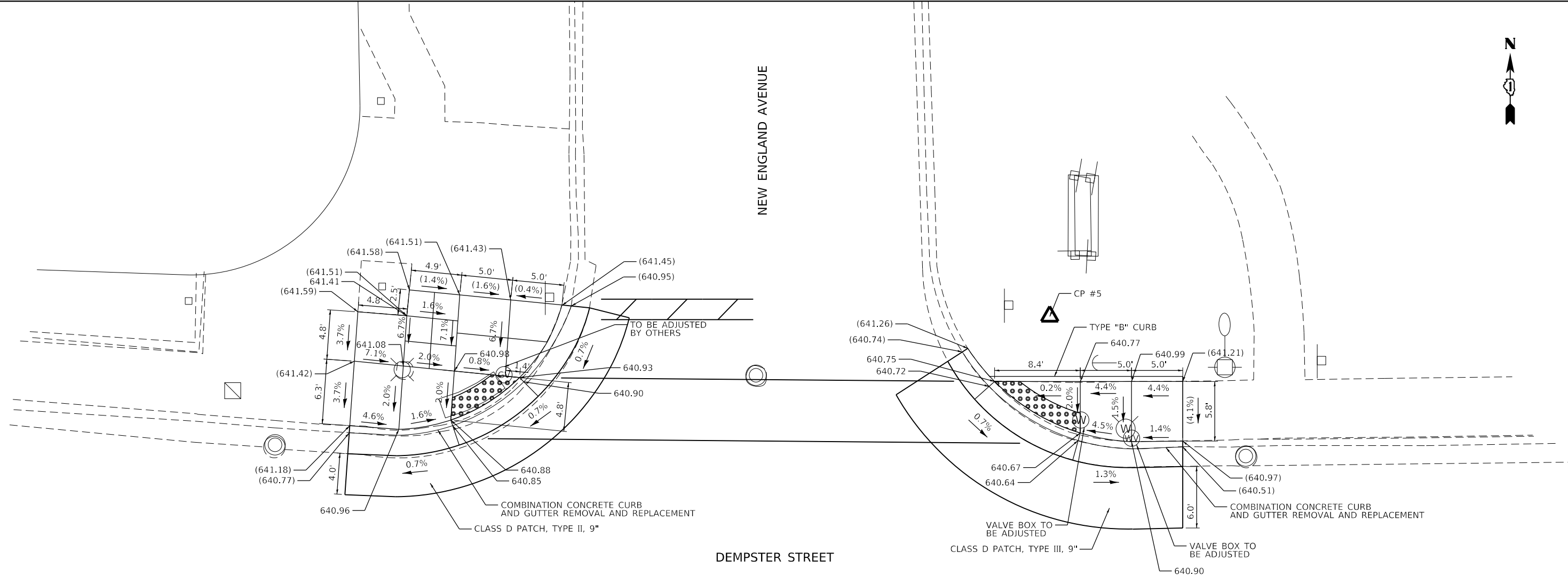


| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |








NEW ENGLAND AVENUE

DEMPSTER STREET



CP #5
SET IRON ROD
ELEV.: 641.48
N: 1957989.70
E: 1129729.81

LEGEND

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - IL 58 AND WAUKEGAN RD, NORTH
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

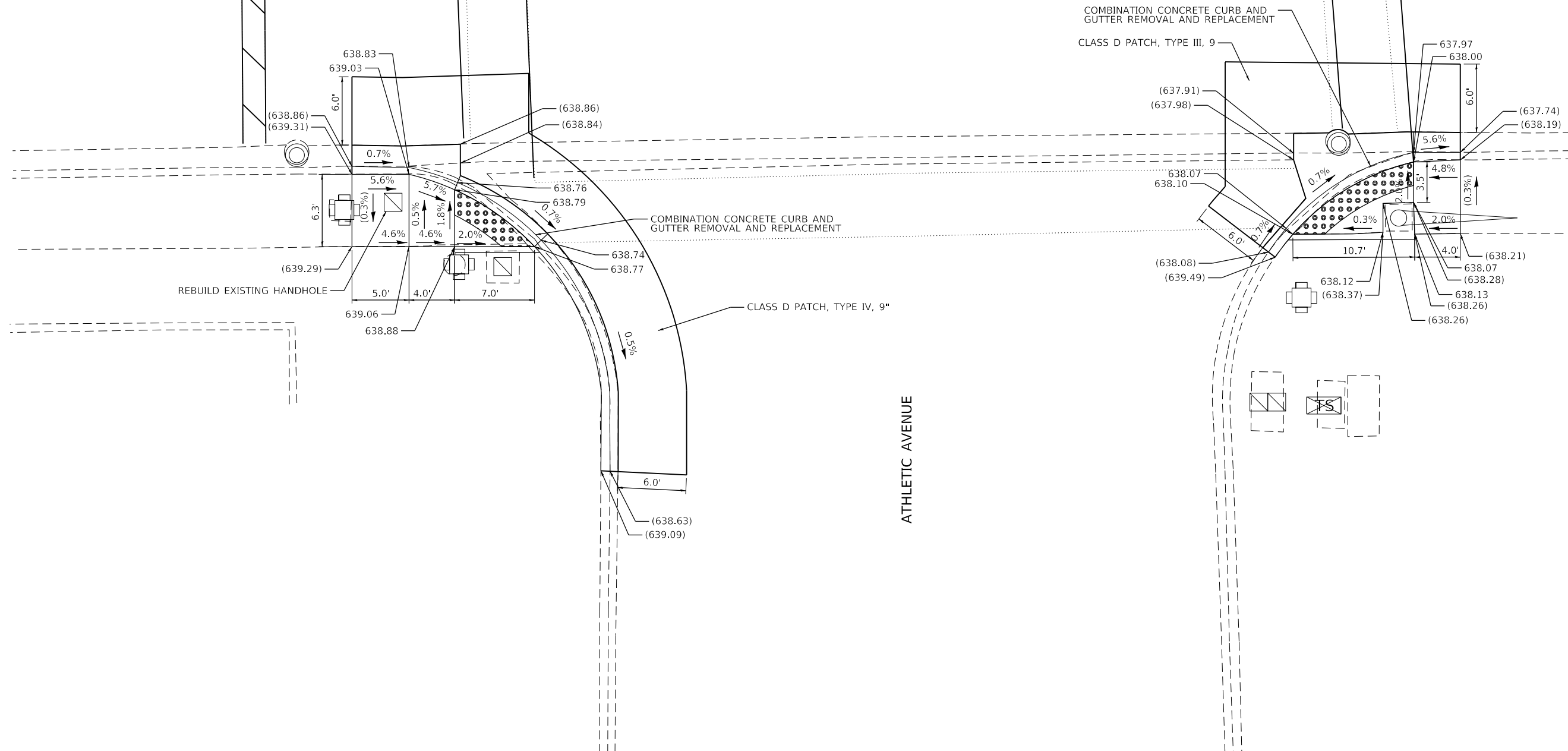
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 337 | 2018-102-RS&SW | COOK | 83 | 34 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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DEMPSTER STREET

ATHLETIC AVENUE



LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - IL 58 AND ATHLETIC AVE, SOUTH
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

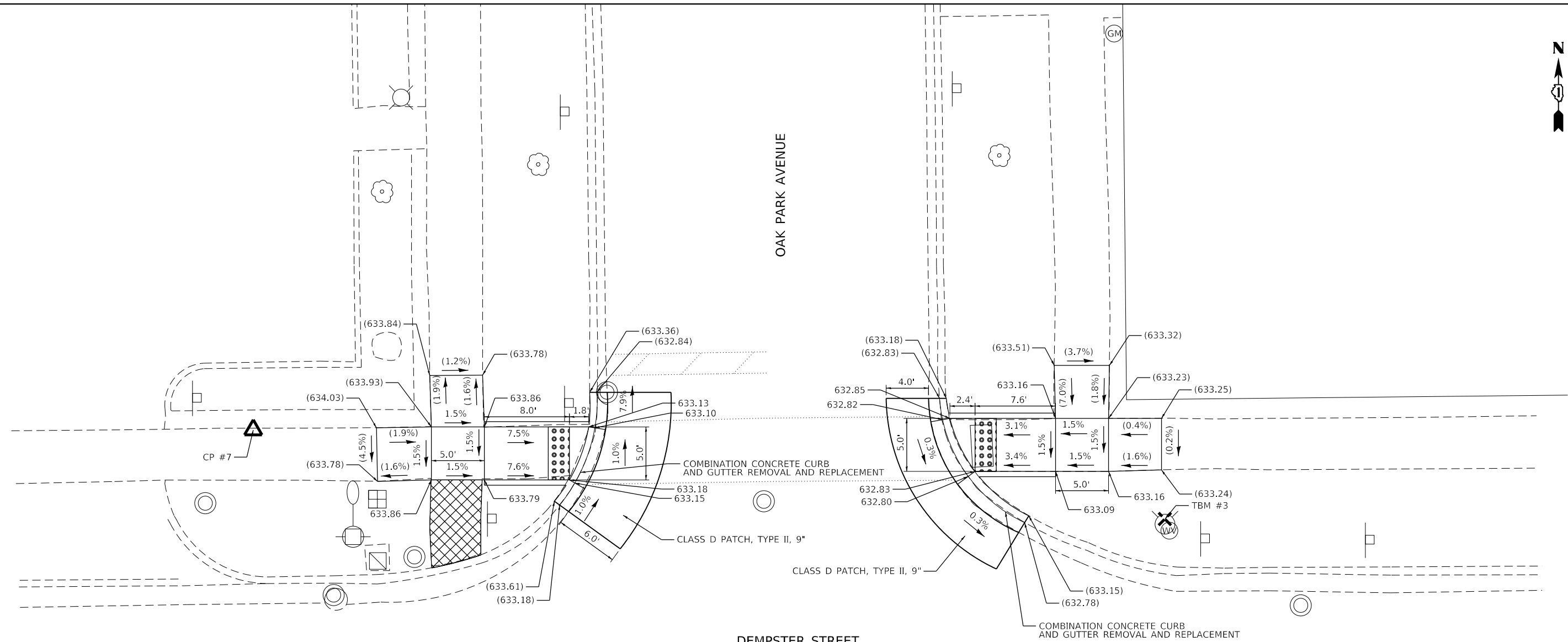
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 36 |
| CONTRACT NO. 62H45 | | | | |
| <small>ILLINOIS FED. AID PROJECT</small> | | | | |

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

OAK PARK AVENUE

DEMPSTER STREET



TBM #3
 NORTHEAST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF OAK PARK AVE.
 AND DEMPSTER ST.
 ELEV.: 635.24
 N: 1957977.410
 E: 1130354.513

LEGEND

| | | | |
|---|--------------------------|---|---|
|  | PROPOSED SIDEWALK |  | DETECTABLE WARNINGS |
|  | PROPOSED SIDE CURB |  | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| () | EXISTING ELEVATION/SLOPE | | |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - IL 58 AND OAK PARK AVE
 IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 337 | 2018-102-RS&SW | COOK | 83 | 37 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



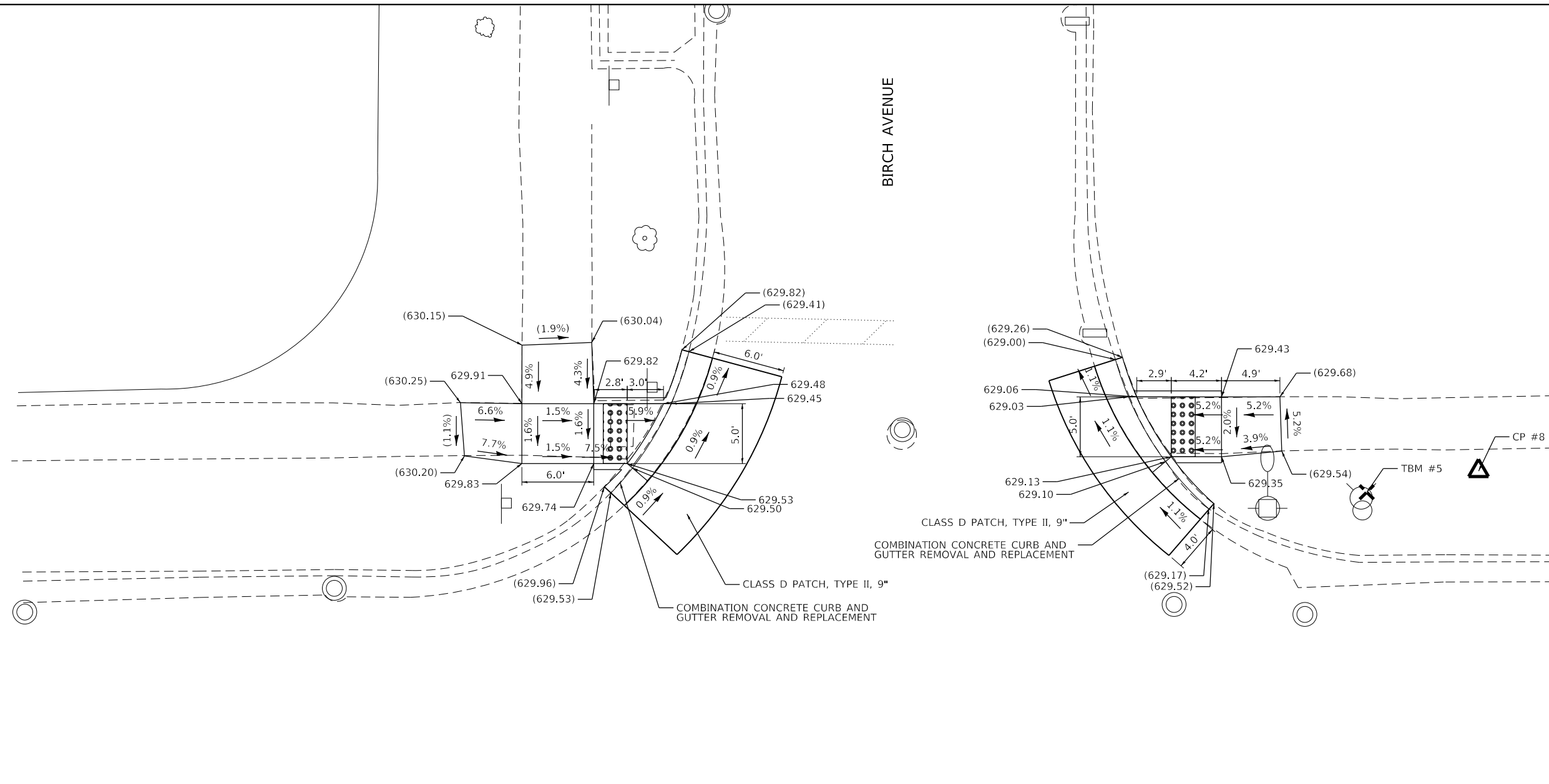
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|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

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

BIRCH AVENUE

DEMPSTER STREET



TBM #5
 NORTHWEST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF BIRCH AVE. AND DEMPSTER ST.
 ELEV.: 631.53
 N: 1957981.51
 E: 1130665.081

LEGEND

| | | | |
|---|--------------------------|---|---|
|  | PROPOSED SIDEWALK |  | DETECTABLE WARNINGS |
|  | PROPOSED SIDE CURB |  | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| () | EXISTING ELEVATION/SLOPE | | |



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

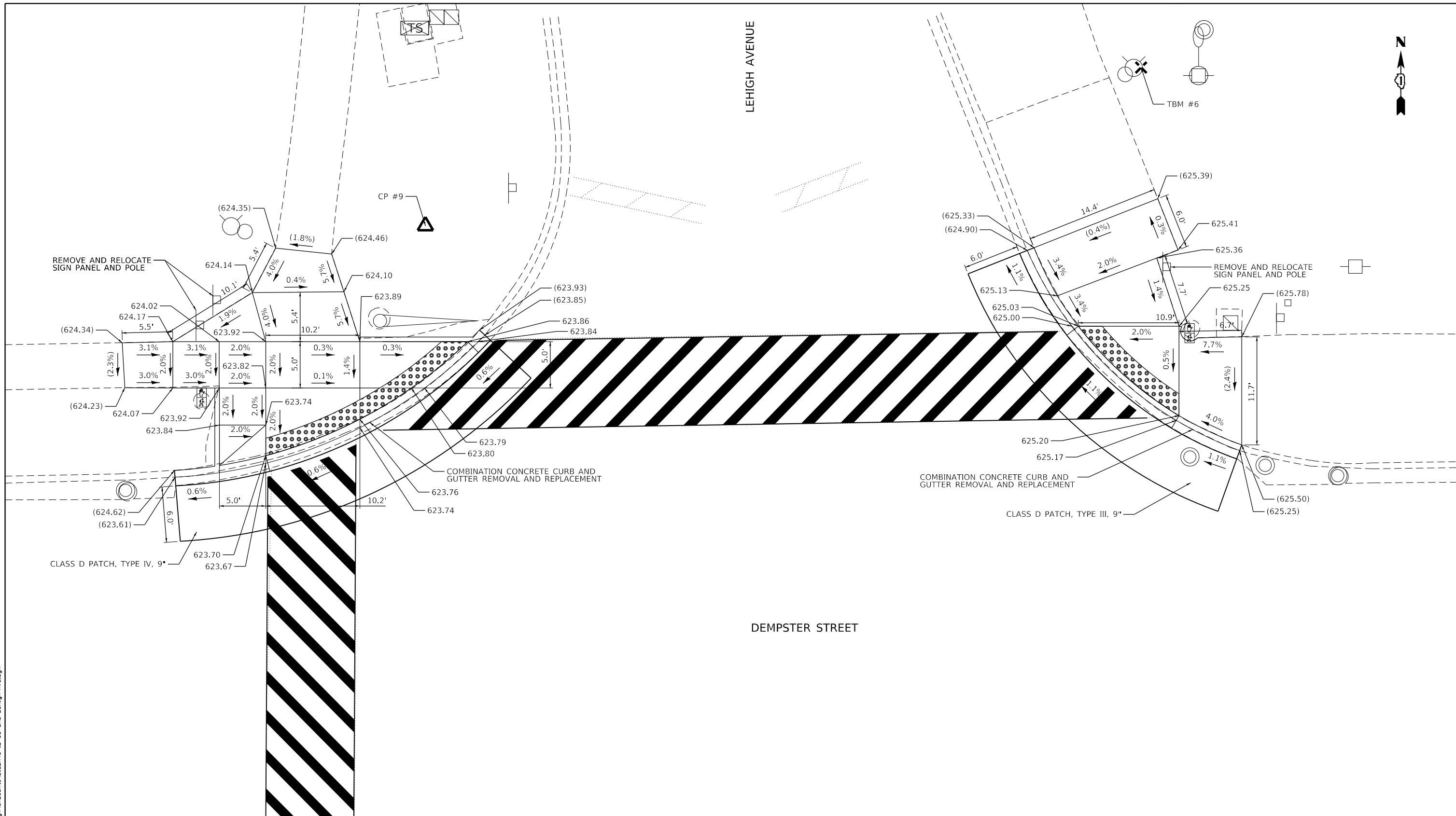
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS - IL 58 AND BIRCH AVE, NORTH
 IL RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 38 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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LEHIGH AVENUE

DEMPSTER STREET



TBM #6

CP #9

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

TBM #6
NORTHEAST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF LEHIGH AVE.
AND DEMPSTER ST.

ELEV.: 626.83

N: 1958037.109
E: 1132275.649



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS - IL 58 AND LEHIGH AVE, NORTH
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**

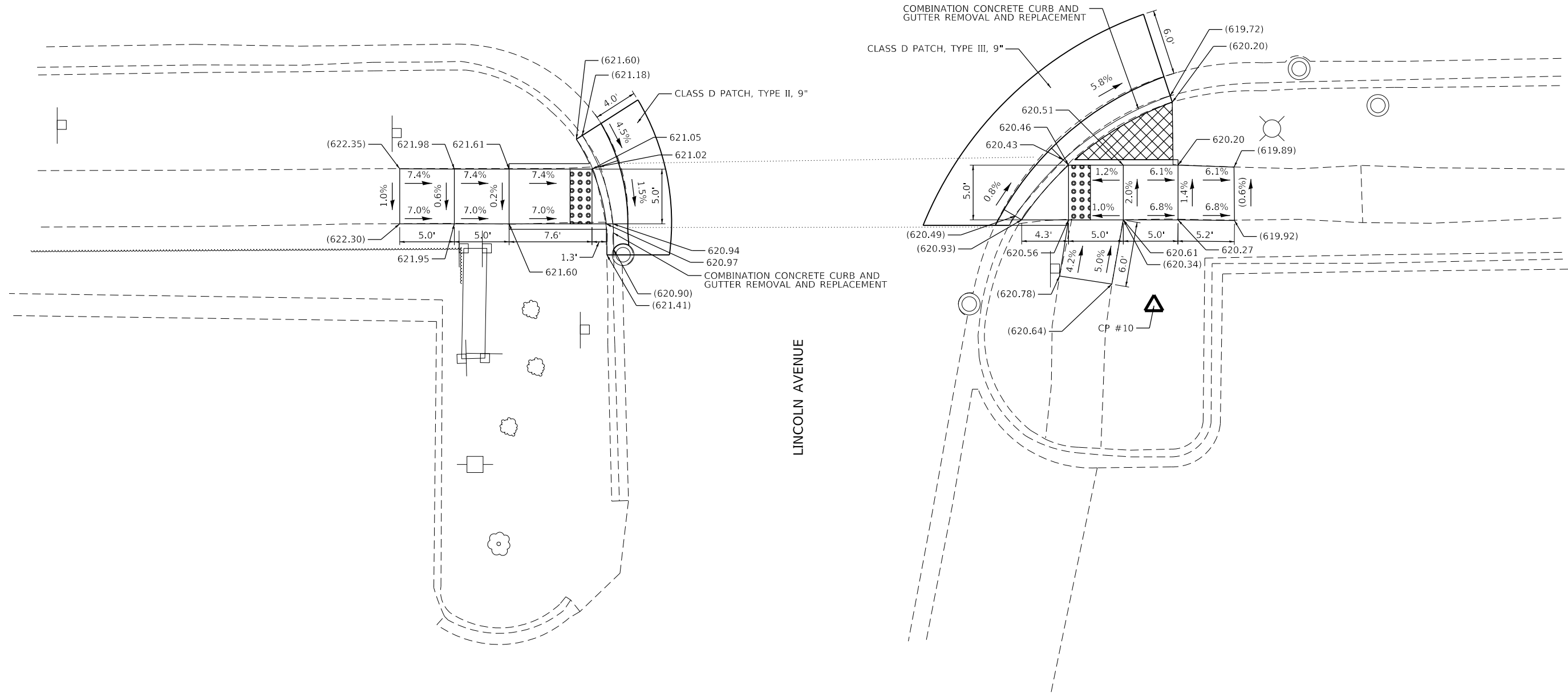
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 39 |
| CONTRACT NO. 62H45 | | | | |

ILLINOIS FED. AID PROJECT



DEMPSTER STREET



LINCOLN AVENUE

CP #10
SET IRON ROD
ELEV.: 621.50
N: 1957907.36
E: 1132683.53

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| | EXISTING ELEVATION/SLOPE |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 1/200000' / FT. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

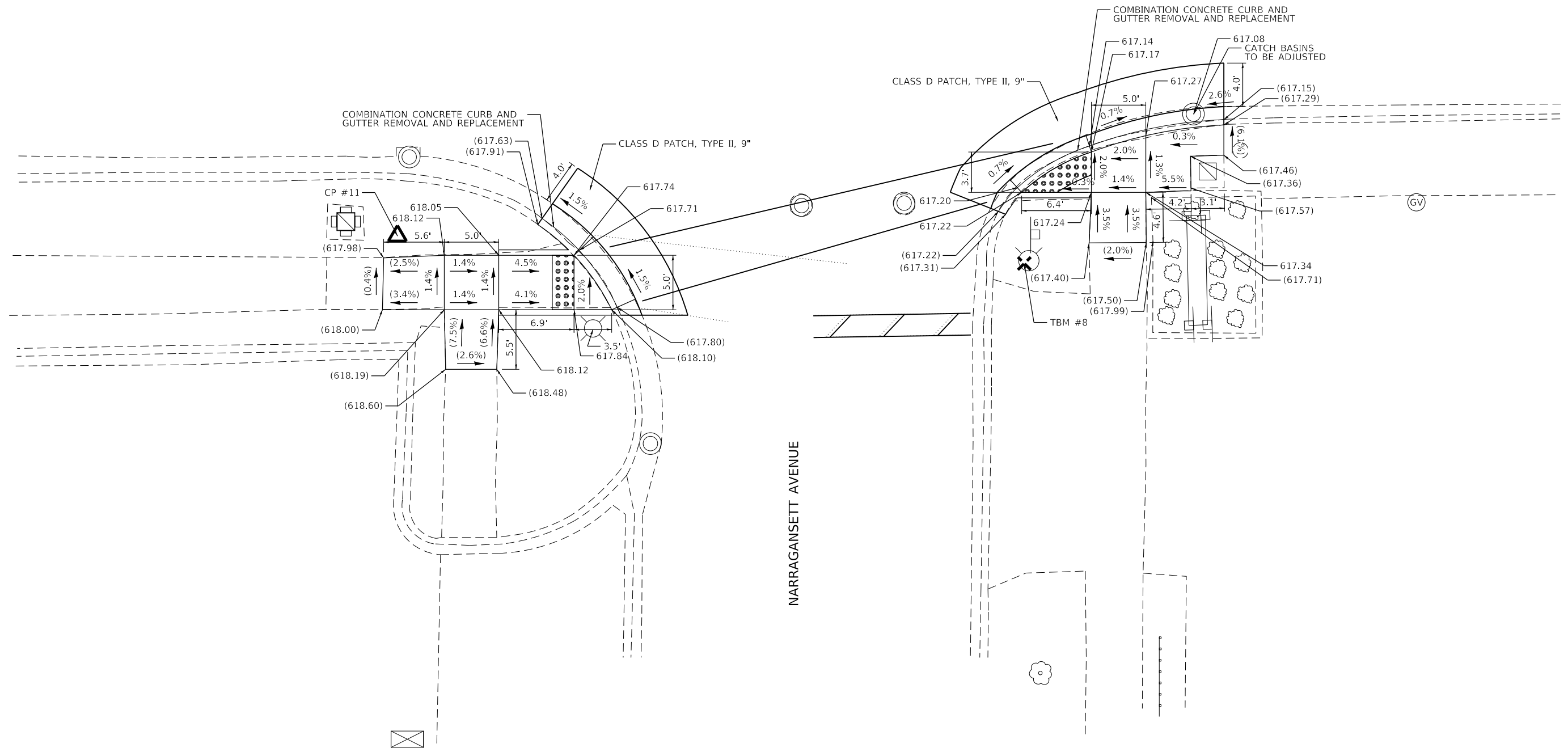
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - IL 58 AND LINCOLN AVE, SOUTH
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------------|
| F.A.P. RTE. 337 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 40 |
| | | | | CONTRACT NO. 62H45 |
| ILLINOIS FED. AID PROJECT | | | | |

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DEMPSTER STREET



TBM #8
 SOUTHWEST BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF NARRAGANSETT AVE.
 AND DEMPSTER ST.
 ELEV.: 618.95
 N: 1957921.259
 E: 1132934.675

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 1/28/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

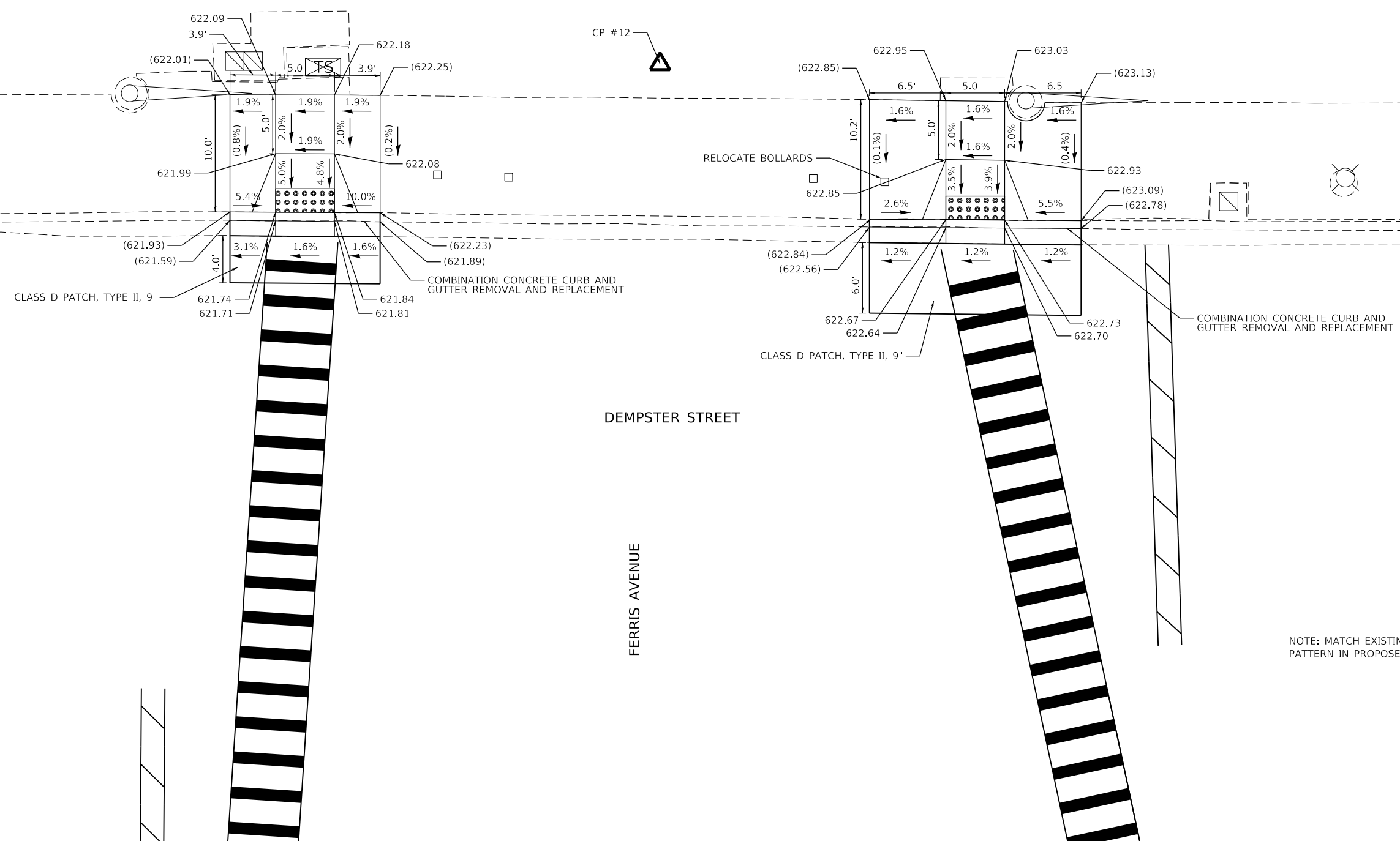
**SIDEWALK RAMP DETAILS - IL 58 AND NARRAGANSETT AVE, SOUTH
 IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 41 |
| CONTRACT NO. 62H45 | | | | |

ILLINOIS FED. AID PROJECT

FILE NAME = X:\OHA\2017\2017-06\CAD\Trans\cgn\CAD_Shts\1162H45 IL 58 and Narragansett Ave.dgn



FILE NAME = Q:\Engineering\LiveProjects\13028 IDOT DUR\Work Order #24 - 62H45\Correspondence\OUT\20190206_Updated CAUD\0162H45 IL 58 and Ferris Ave N.dgn

CP #12
SET IRON ROD
ELEV.: 622.67
N: 1958014.47
E: 1133240.68

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |

NOTE: MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK



| | | |
|------------------------------|------------------|-----------|
| USER NAME = JENT | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 10.0000' / 1" = | CHECKED - JO | REVISED - |
| PLOT DATE = 2/6/2019 | DATE - 1/23/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

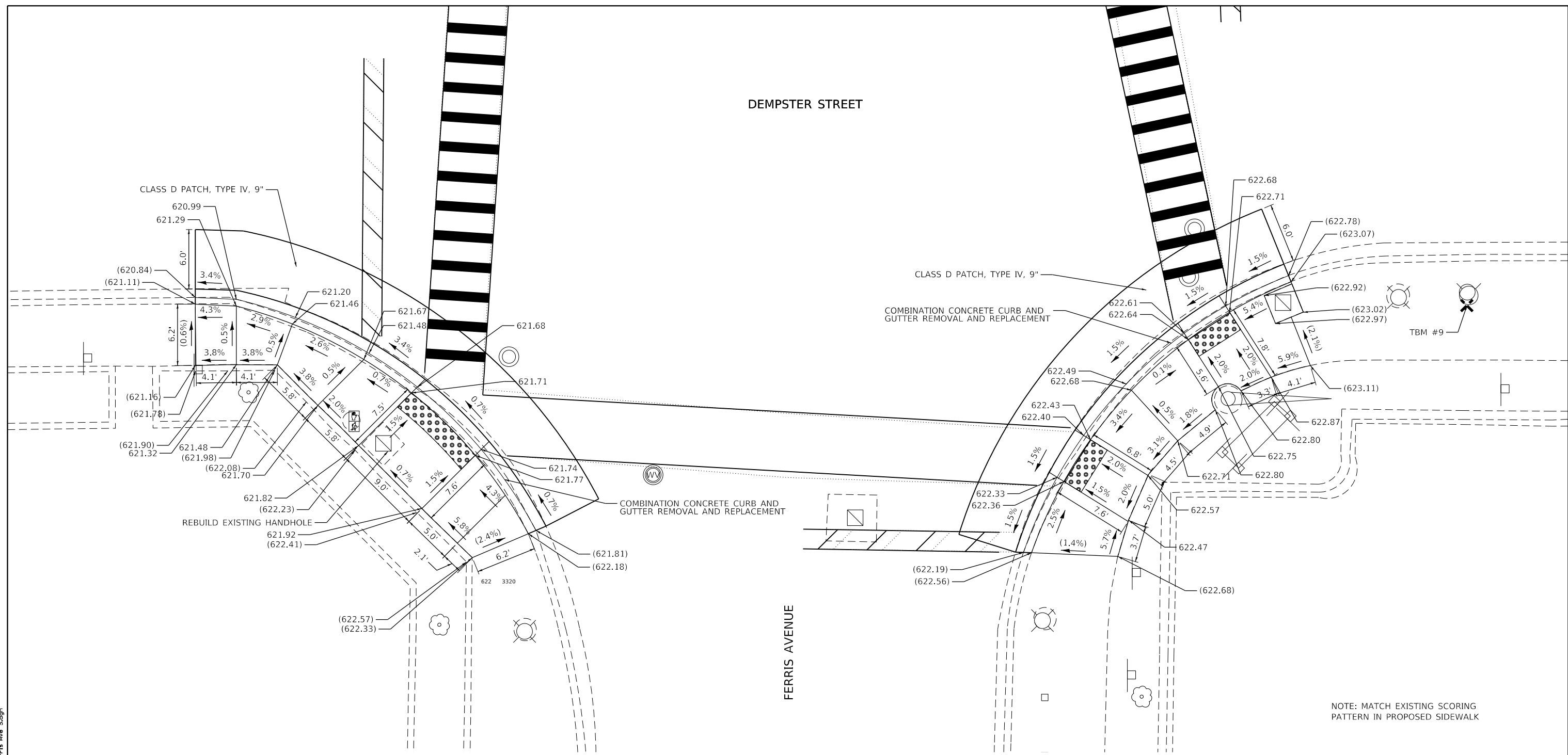
**SIDEWALK RAMP DETAILS - IL 58 AND FERRIS AVE, NORTH
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

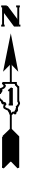
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 42 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

DEMPSTER STREET

FERRIS AVENUE



NOTE: MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK



TBM #9
 SOUTH BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF FERRIS AVE. AND DEMPSTER ST.
 ELEV.: 625.00
 N: 1957936.358
 E: 1133307.854

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| | EXISTING ELEVATION/SLOPE |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 2/25/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

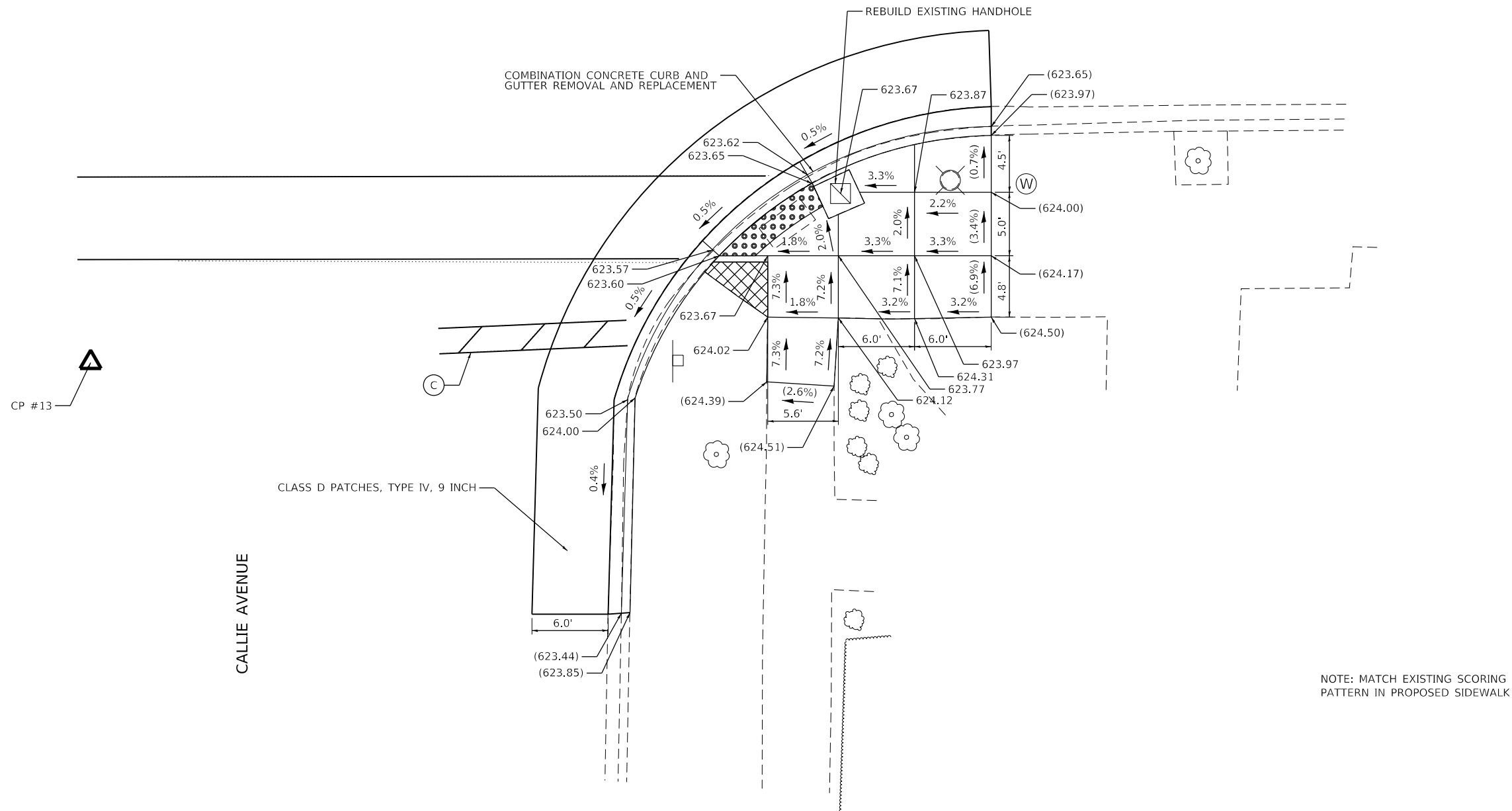
**SIDEWALK RAMP DETAILS - IL 58 AND FERRIS AVE, SOUTH
 IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)**
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 337 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 43 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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

DEMPSTER STREET



NOTE: MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK

CP #13
 SET "+"
 ELEV.: 623.89
 N: 1957925.59
 E: 1133541.52

LEGEND

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 2/25/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - IL 58 AND CALLIE AVE
 IL RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)

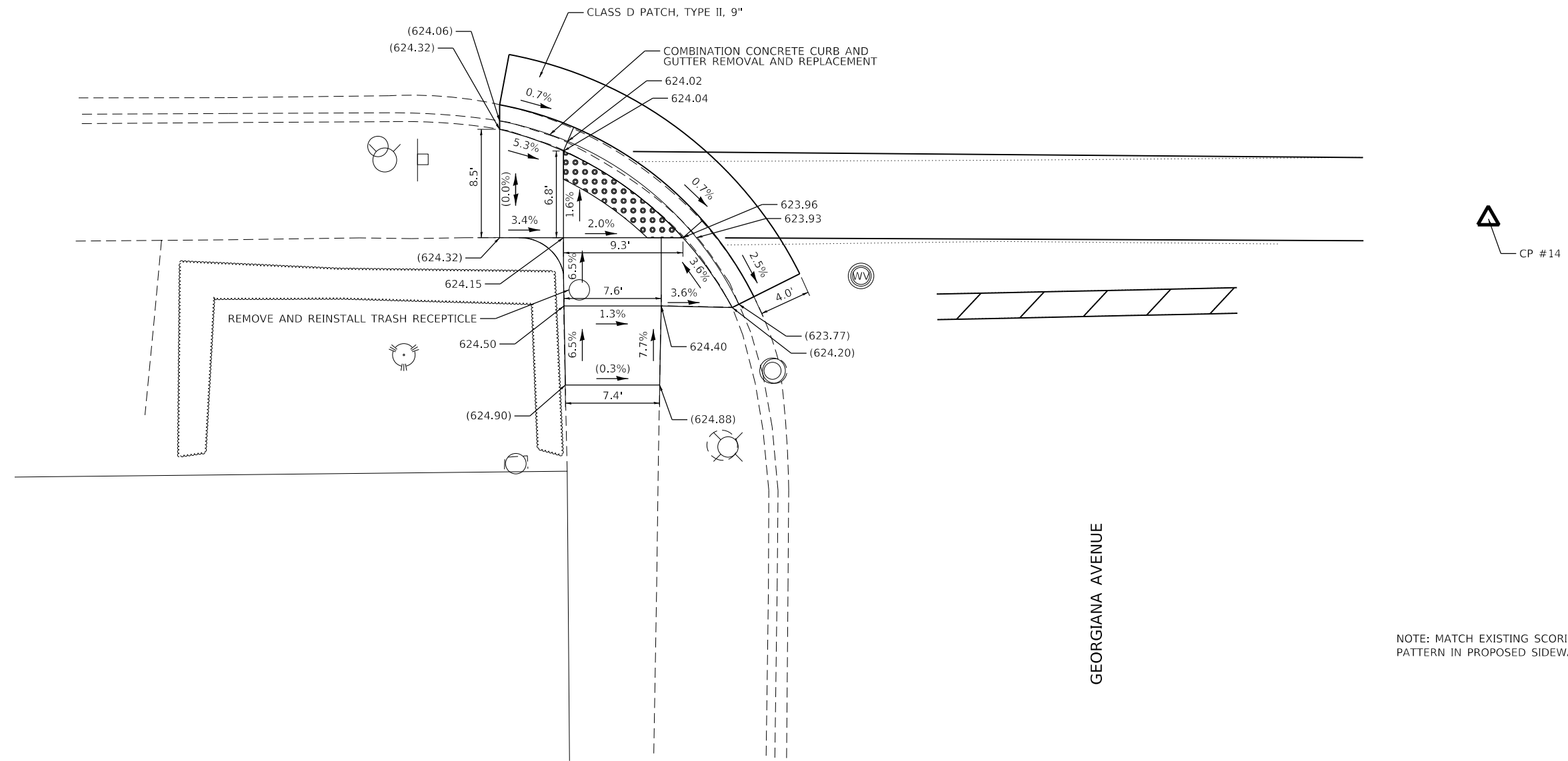
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 44 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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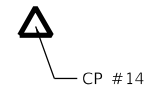


DEMPSTER STREET



NOTE: MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK

GEORGIANA AVENUE



LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

CP #14
SET "+"

ELEV.: 624.16

N: 1957941.66
E: 1134266.02



| | | |
|------------------------------|------------------|-----------|
| USER NAME = 1838 | DESIGNED - MJ | REVISED - |
| | DRAWN - MJ | REVISED - |
| PLOT SCALE = 120.0000' / ft. | CHECKED - JO | REVISED - |
| PLOT DATE = 2/25/2019 | DATE - 1/23/2018 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

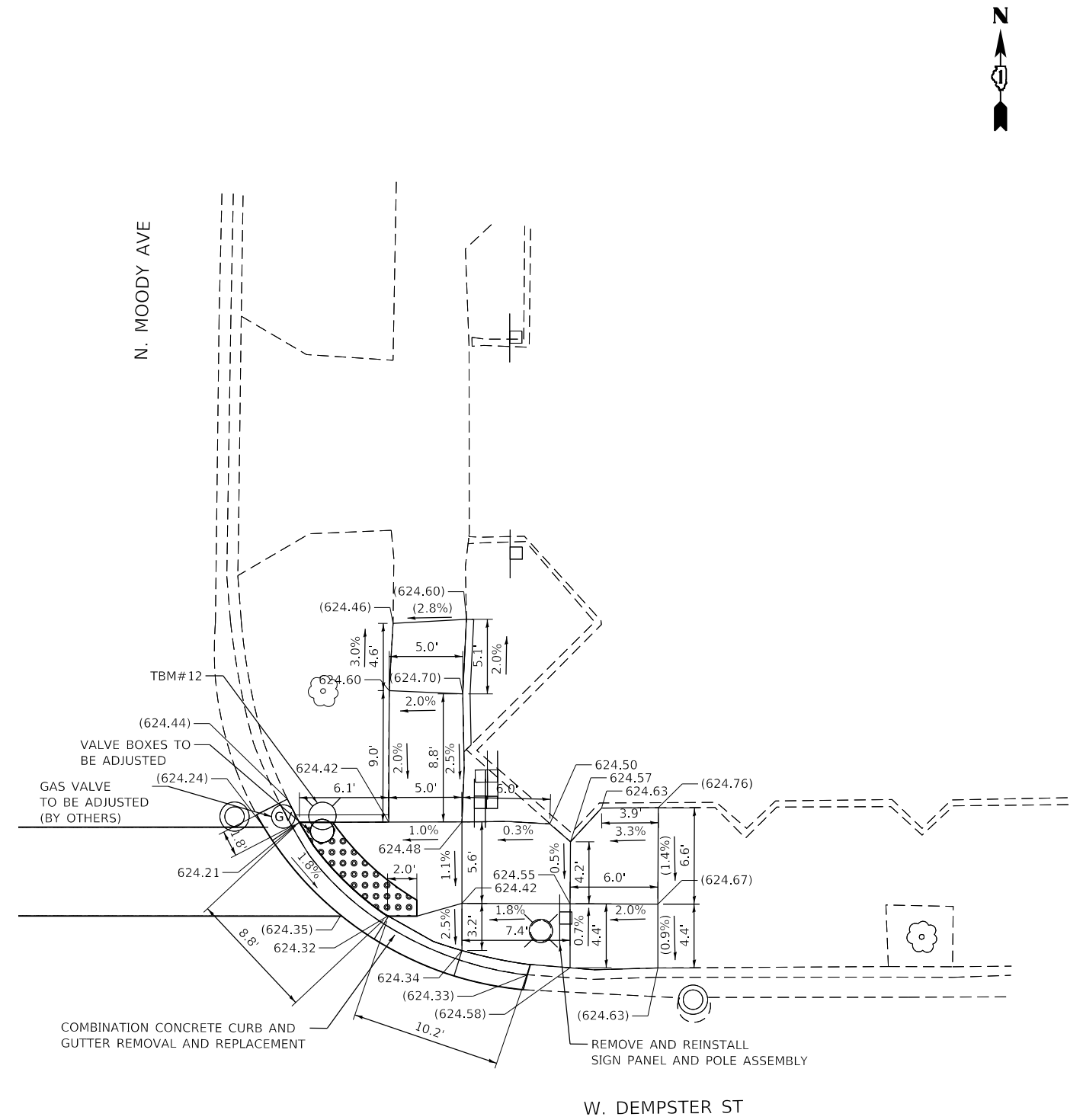
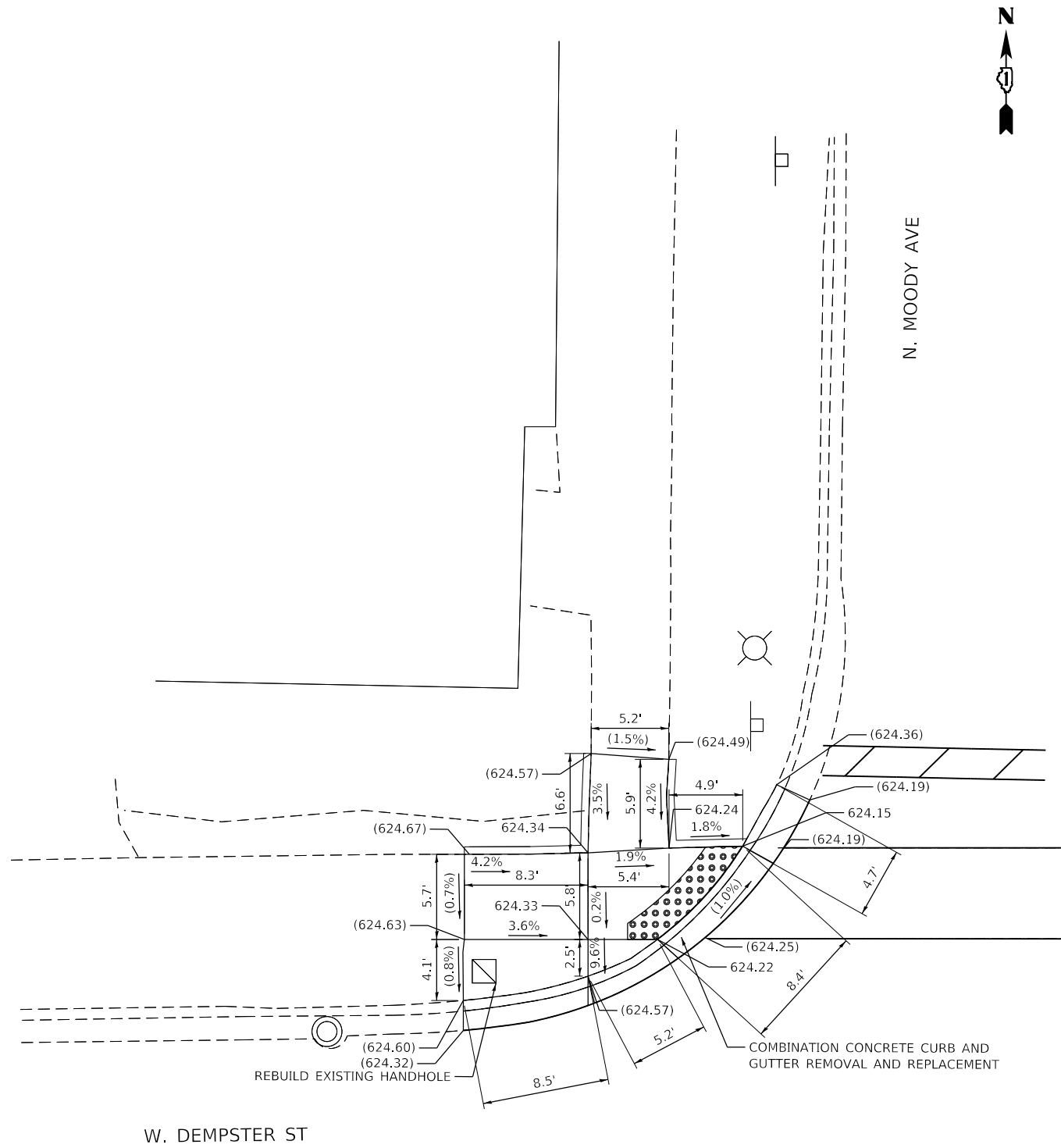
SIDEWALK RAMP DETAILS - IL 58 AND GEORGIANA AVE
IL. RTE 58 (DEMPSTER ST.)(WAUKEGAN RD. - SKOKIE BLVD.)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 337 | 2018-102-RS&SW | COOK | 83 | 45 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = X:\OHA\2017\2007-06\CAD\Trans\cgr\CAD_Shts\1162H45 IL 58 and Georgiana Avedgn

FILE NAME = Q:\Engineering\Live\Projects\13038 IDOT DUR\Work Order\24 - 62H45\CADD\CADD Sheets\Civil\62H45-ah-ADA-Dempster_Moody.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #12:
NORTH BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF N. MOODY AVE AND W. DEMPSTER ST
ELEV.: 626.35
N: 1958024.8727
E: 1134580.0960

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |

TBM #12:
NORTH BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF N. MOODY AVE AND W. DEMPSTER ST
ELEV.: 626.35
N: 1958024.8727
E: 1134580.0960

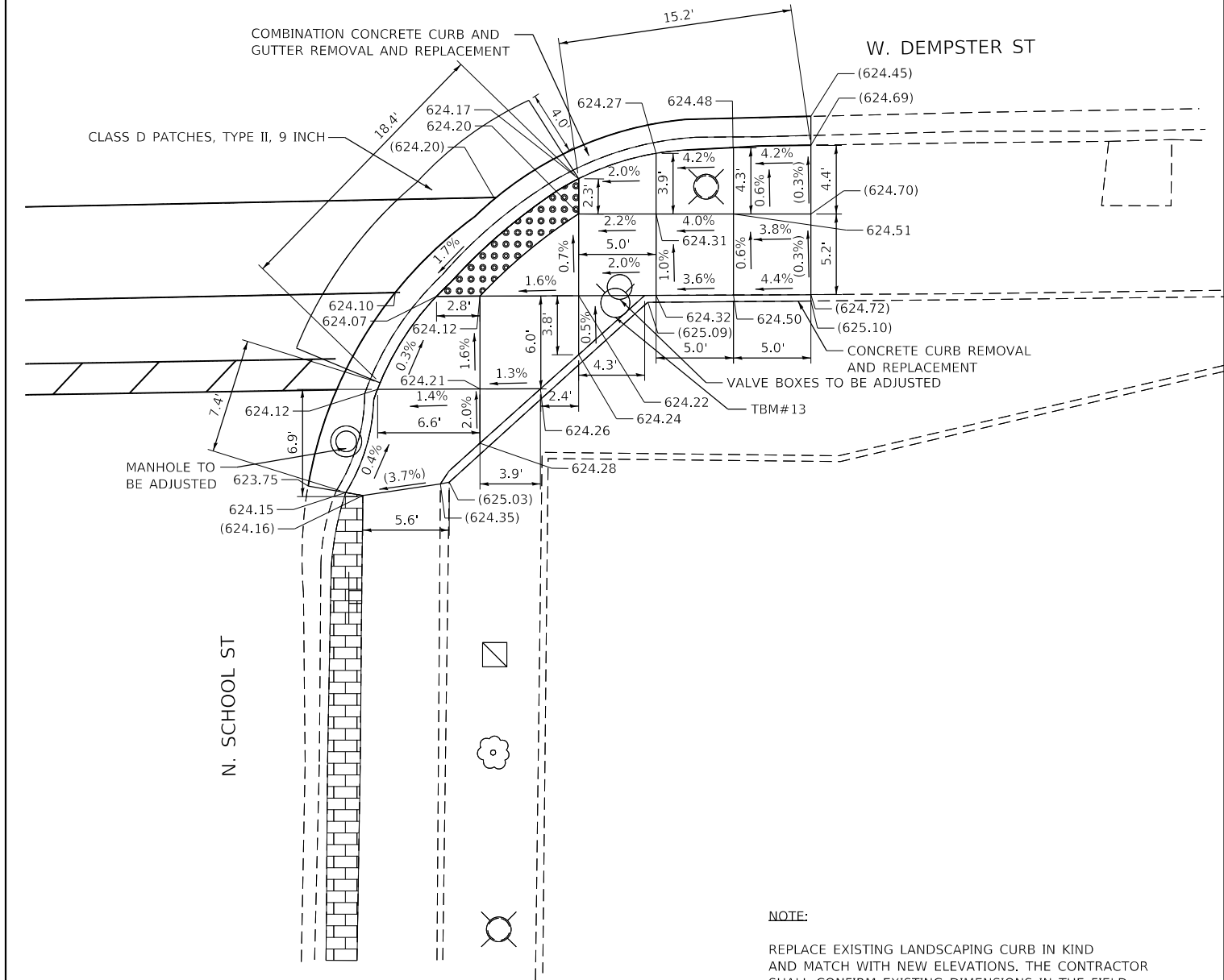


| | | |
|----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - LRC | REVISED - |
| | DRAWN - LRC | REVISED - |
| PLOT SCALE = 10.0000' / 1" | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. MOODY AVE
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 46 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTE:

REPLACE EXISTING LANDSCAPING CURB IN KIND AND MATCH WITH NEW ELEVATIONS. THE CONTRACTOR SHALL CONFIRM EXISTING DIMENSIONS IN THE FIELD.

MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK.

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |

TBM #13:
SOUTH FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. SCHOOL ST AND W. DEMPSTER ST

ELEV.: 626.48

N: 1957944.3537
E: 1134707.8320

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DURWork 0-der *24 - 62H45\CADD\CADD Sheets\Civil\62H45-ah-ADA-Dempster_School.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - LRC | REVISED - |
| | DRAWN - LRC | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

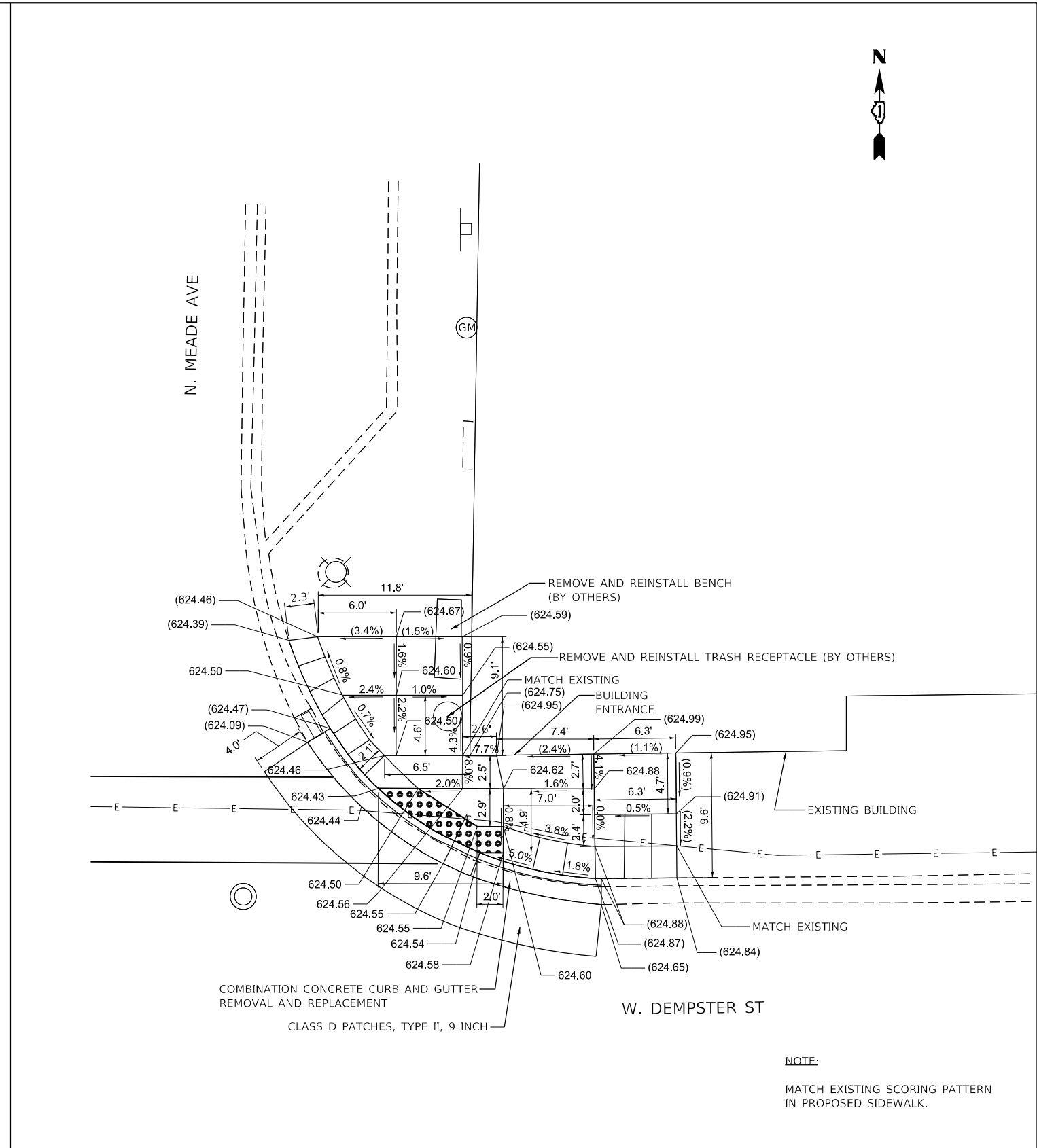
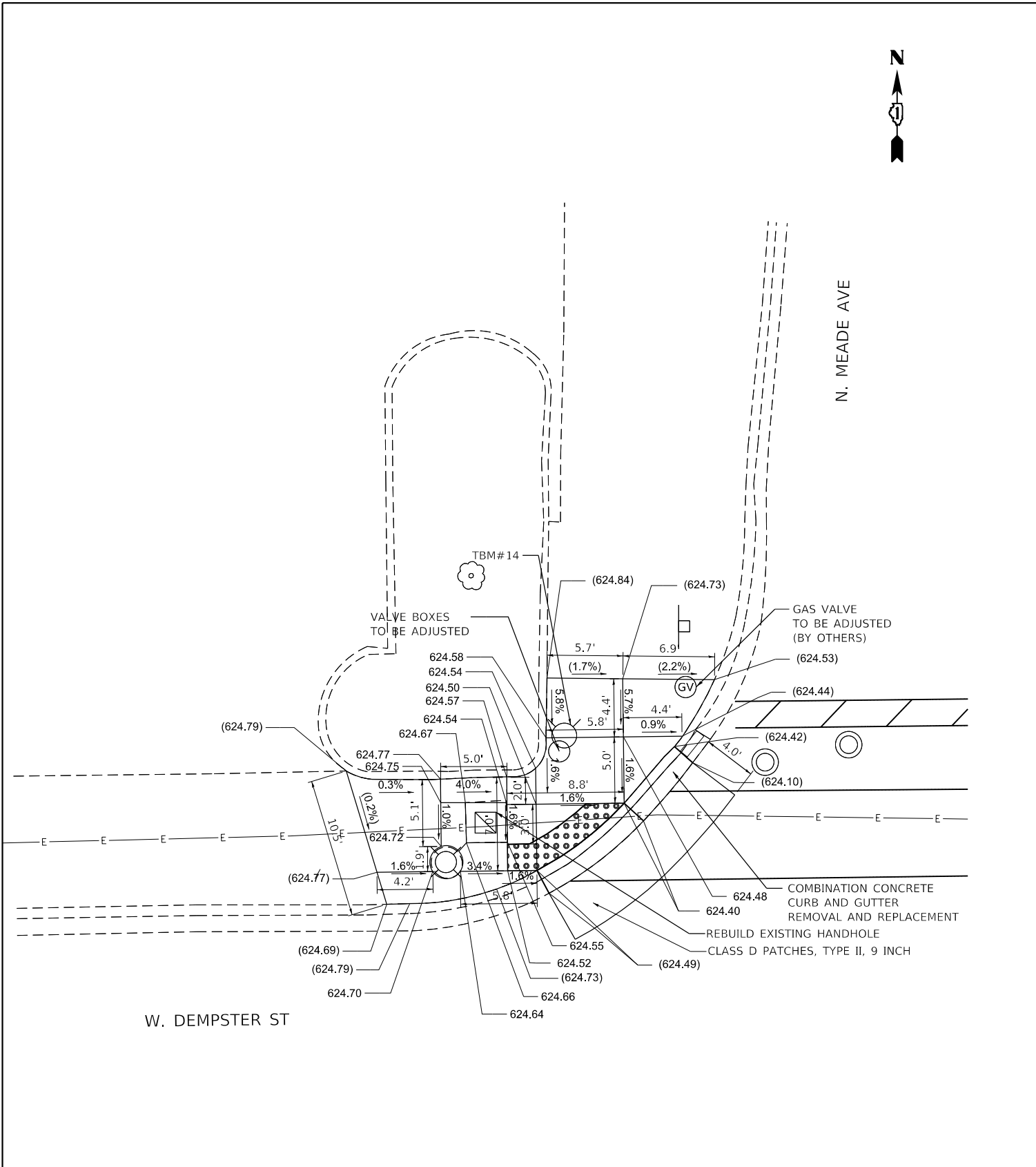
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. SCHOOL ST
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 47 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order\24 - 62H45\CADD\CADD Sheets\Civil\62H45-sh-ADA-Dempster Meade.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #14:
NORTH TAG BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. MEADE AVE AND W. DEMPSTER ST

ELEV.: 626.31

N: 1958029.7077
E: 1134854.1930

| LEGEND | | T.O.C. | |
|--------|-----------------------------------|--------|---|
| | PROPOSED SIDEWALK | | TOP OF CURB |
| | PROPOSED SIDE CURB | | DETECTABLE WARNINGS |
| | EXISTING ELEVATION/SLOPE | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING BRICK SIDEWALK TO REMAIN | | REMOVE AND REINSTALL BRICK PAVER |

TBM #14:
NORTH TAG BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. MEADE AVE AND W. DEMPSTER ST

ELEV.: 626.31

N: 1958029.7077
E: 1134854.1930



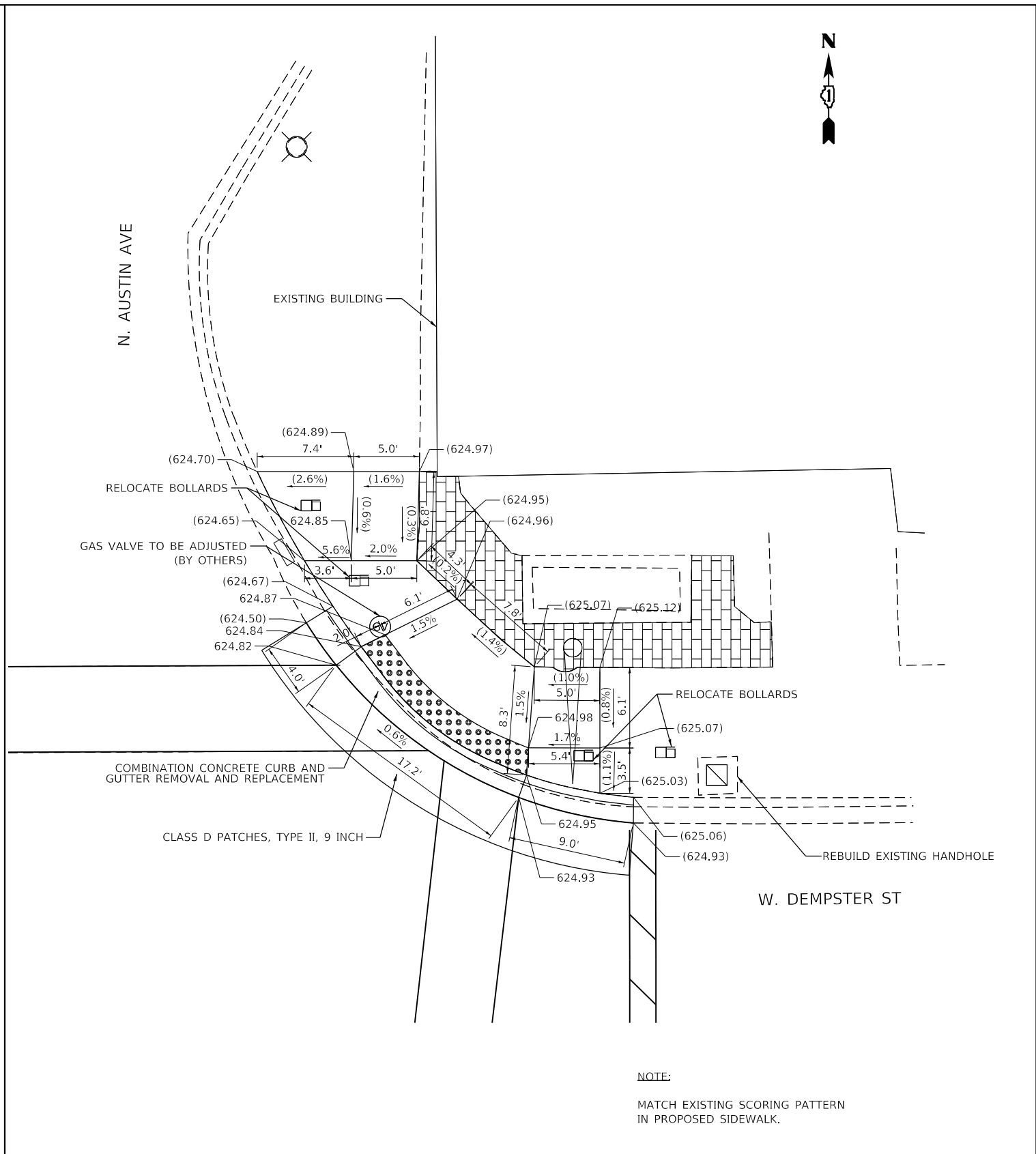
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - DH | REVISED - |
| | DRAWN - DH | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. MEADE AVE
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 48 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order *24 - 62H45\CADD\CADD Sheets\Civil\62H45-ah-ADA-Dempster Austin-North.dgn



NOTE:
MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK.

| LEGEND | | T.O.C. | |
|--------|-----------------------------------|--------|---|
| | PROPOSED SIDEWALK | | TOP OF CURB |
| | PROPOSED SIDE CURB | | DETECTABLE WARNINGS |
| | EXISTING ELEVATION/SLOPE | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING BRICK SIDEWALK TO REMAIN | | REMOVE AND REINSTALL BRICK PAVER |

TBM #15:
SOUTH FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. AUSTIN AVE AND W. DEMPSTER ST
ELEV.: 627.19
N: 1957960.3057
E: 1135606.6020



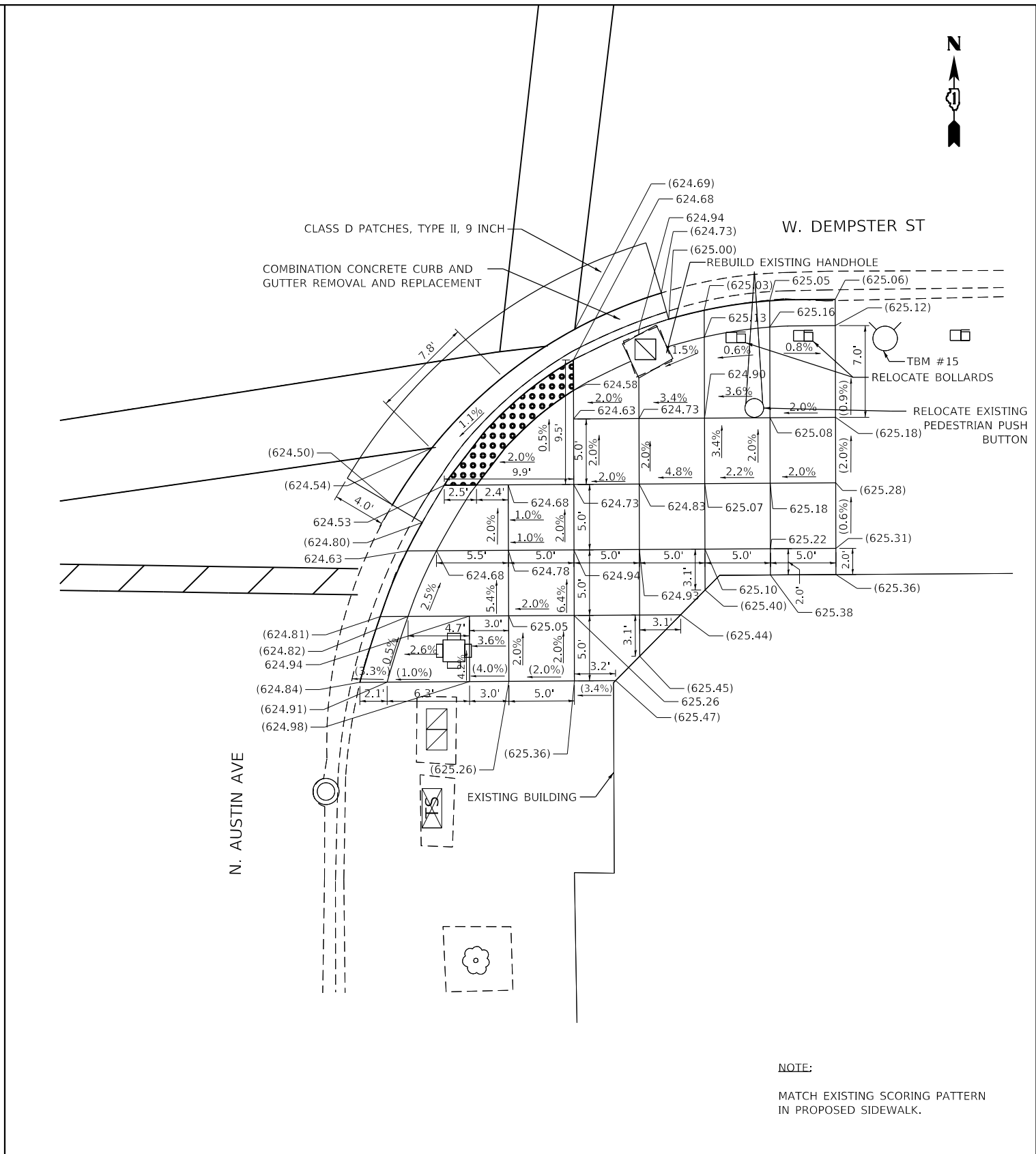
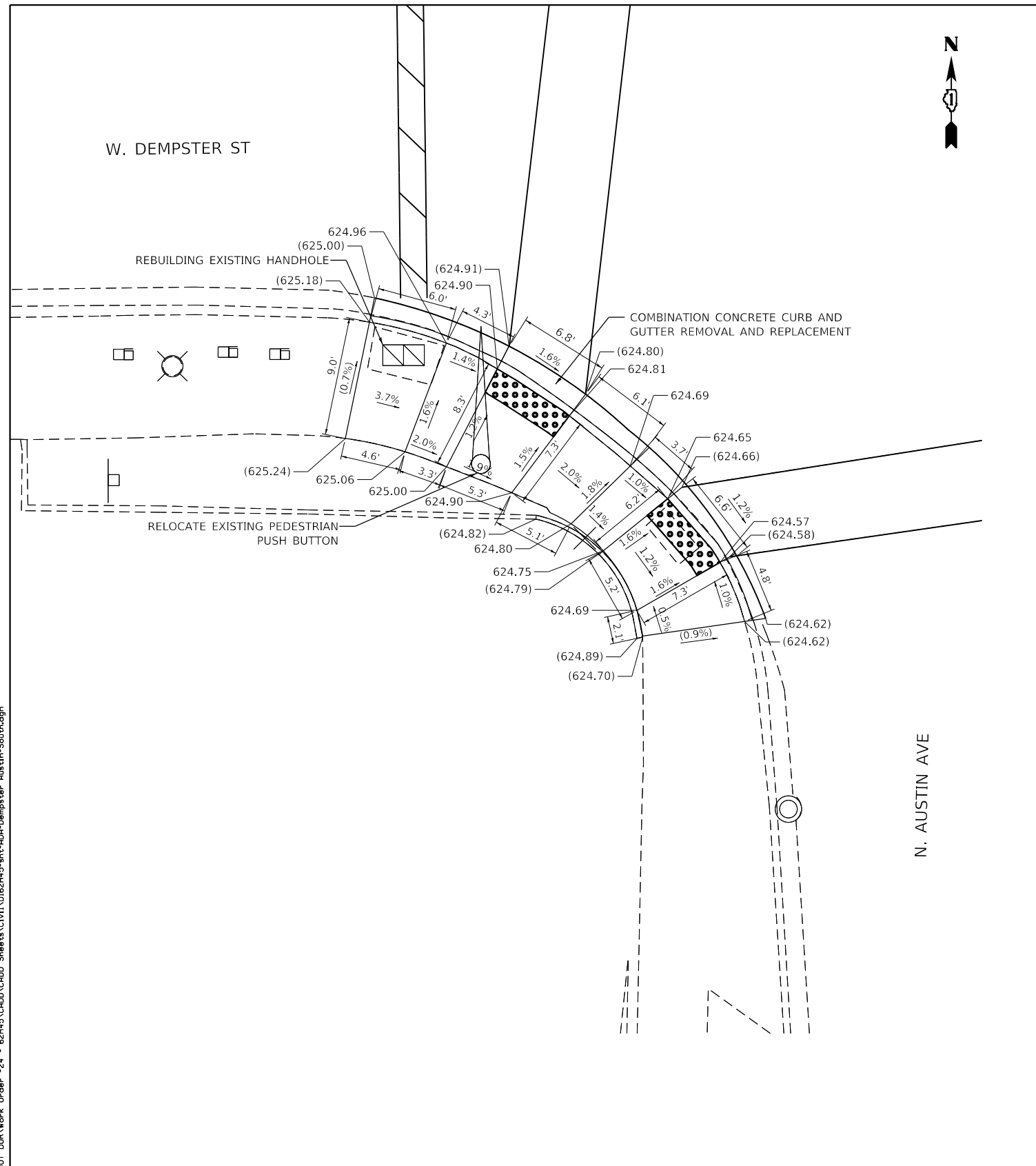
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - IH | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - IH | REVISED - |
| PLOT DATE = 3/8/2019 | CHECKED - JMT | REVISED - |
| | DATE - 01/28/2019 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - N. AUSTIN AVE - NORTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)**
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 49 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DURWork Order #24 - 62H45\CADD\CADD Sheets\Civil\62H45-sh1-ADA-Dempster Austin-South.dgn



NOTE:
MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK.

TBM #15:
SOUTH FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. AUSTIN AVE AND W. DEMPSTER ST
ELEV.: 627.19
N: 1957960.3057
E: 1135606.6020

LEGEND

| | | | | |
|--|-----------------------------------|--|---|-------------|
| | PROPOSED SIDEWALK | | T.O.C. | TOP OF CURB |
| | PROPOSED SIDE CURB | | DETECTABLE WARNINGS | |
| | () EXISTING ELEVATION/SLOPE | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD | |
| | EXISTING BRICK SIDEWALK TO REMAIN | | REMOVE AND REINSTALL BRICK PAVER | |

TBM #15:
SOUTH FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. AUSTIN AVE AND W. DEMPSTER ST
ELEV.: 627.19
N: 1957960.3057
E: 1135606.6020



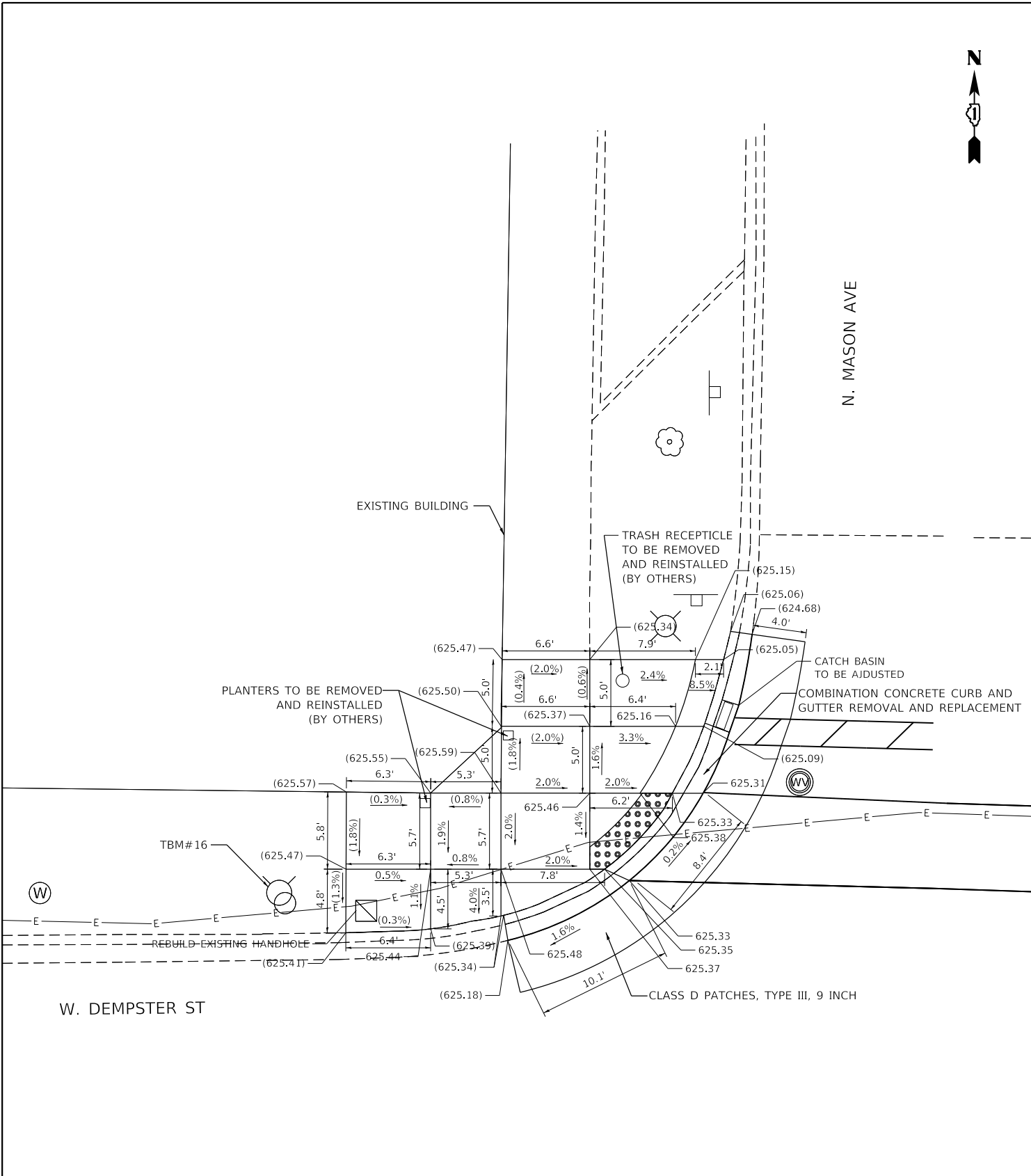
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - IH | REVISED - |
| | DRAWN - IH | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - N. AUSTIN AVE - SOUTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)**
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 50 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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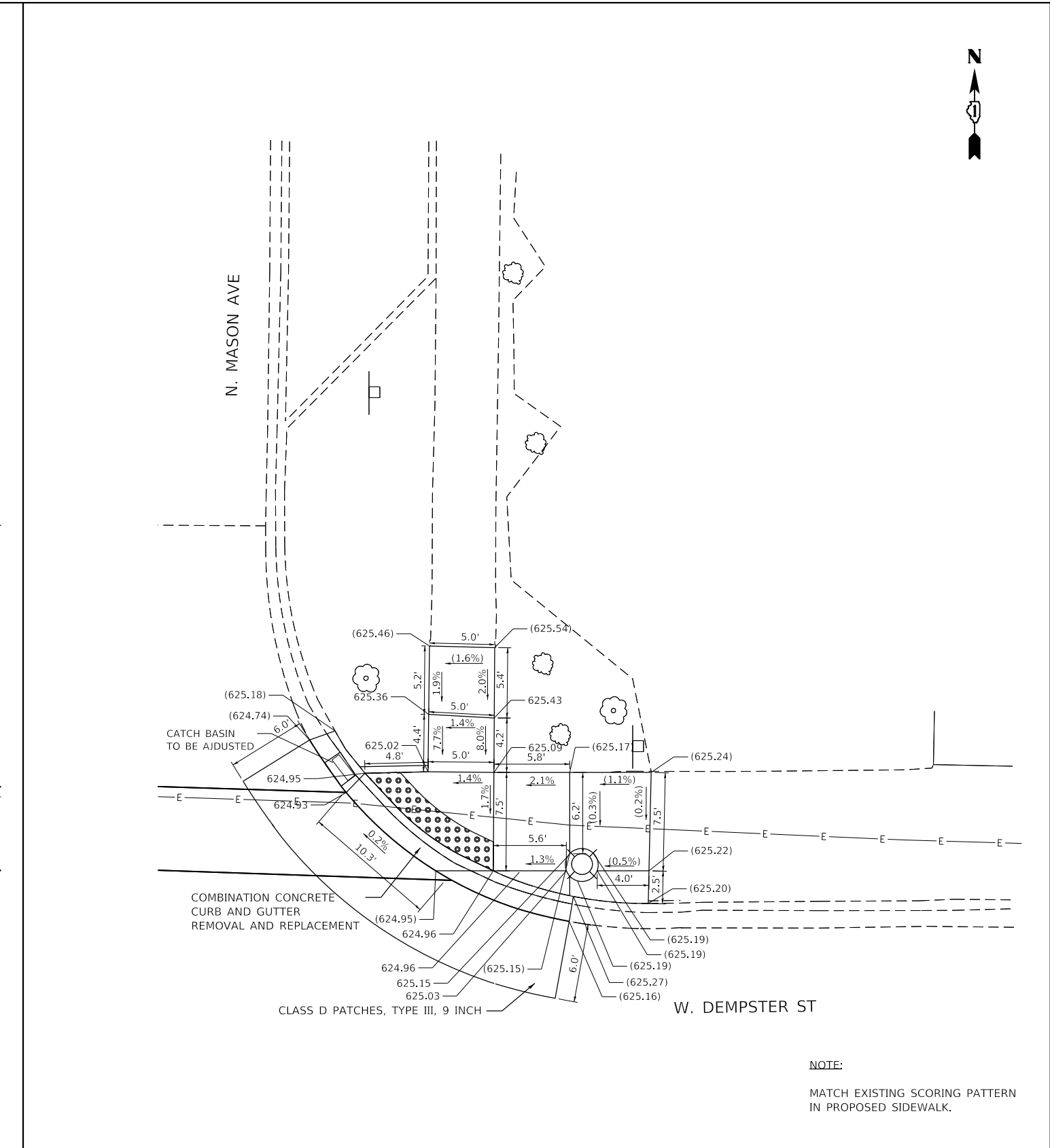


TBM #16:
NORTH FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. MASON AVE AND W. DEMPSTER ST
ELEV.: 627.12
N: 1958029.4037
E: 1135825.2550

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- EXISTING BRICK SIDEWALK TO REMAIN
- T.O.C. TOP OF CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- REMOVE AND REINSTALL BRICK PAVER

TBM #16:
NORTH FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. MASON AVE AND W. DEMPSTER ST
ELEV.: 627.12
N: 1958029.4037
E: 1135825.2550



NOTE:
MATCH EXISTING SCORING PATTERN IN PROPOSED SIDEWALK.



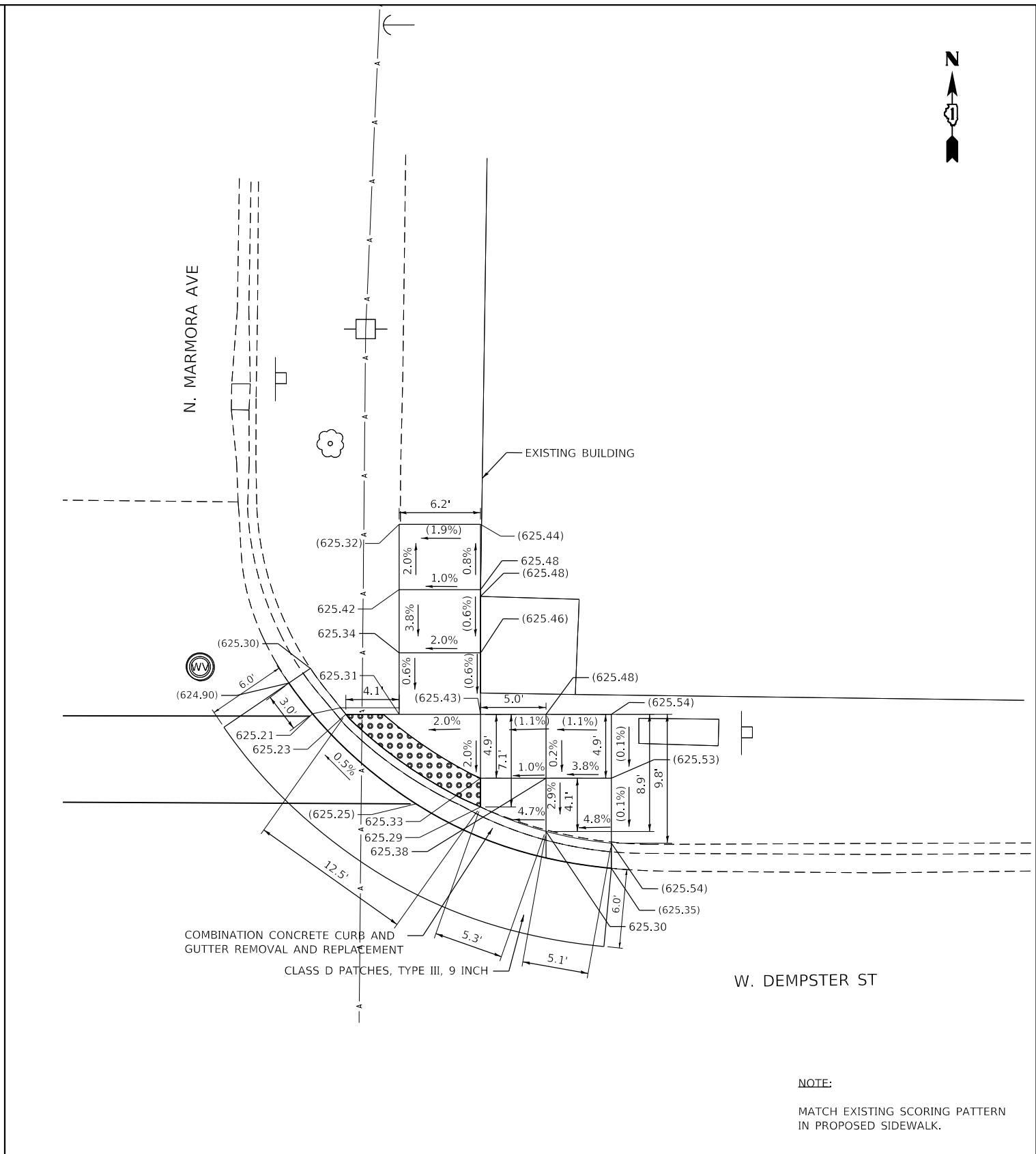
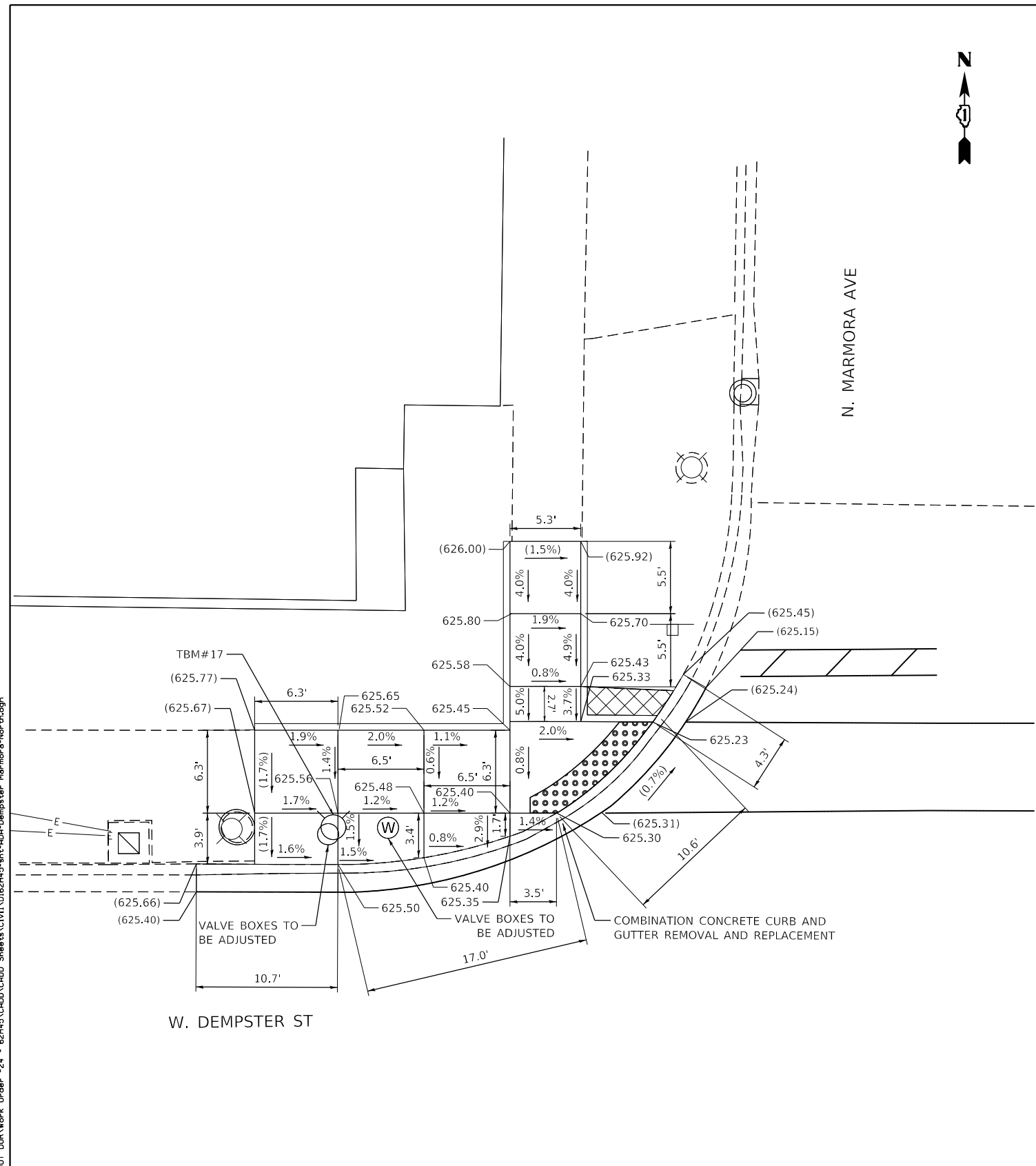
| | | |
|-----------------------------|-------------------|-------------|
| USER NAME = sapan | DESIGNED - IH | REVISED - |
| DRAWN - IH | REVISIONS - | |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISIONS - |
| PLOT DATE = 3/11/2019 | DATE - 01/28/2019 | REVISIONS - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. MASON AVE
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 51 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order 124 - 62H45\CADD\CADD Sheets\Civil\62H45-shr-ADA-Dempster Marmora-Nor-sh.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #17:
NORTH TAG BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. MARMORA AVE AND W. DEMPSTER ST
ELEV.: 627.59
N: 1958031.6037
E: 1136160.2250

| LEGEND | | T.O.C. | |
|--------|-----------------------------------|--------|---|
| | PROPOSED SIDEWALK | | TOP OF CURB |
| | PROPOSED SIDE CURB | | DETECTABLE WARNINGS |
| | EXISTING ELEVATION/SLOPE | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING BRICK SIDEWALK TO REMAIN | | REMOVE AND REINSTALL BRICK PAVER |

TBM #17:
NORTH TAG BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. MARMORA AVE AND W. DEMPSTER ST
ELEV.: 627.59
N: 1958031.6037
E: 1136160.2250



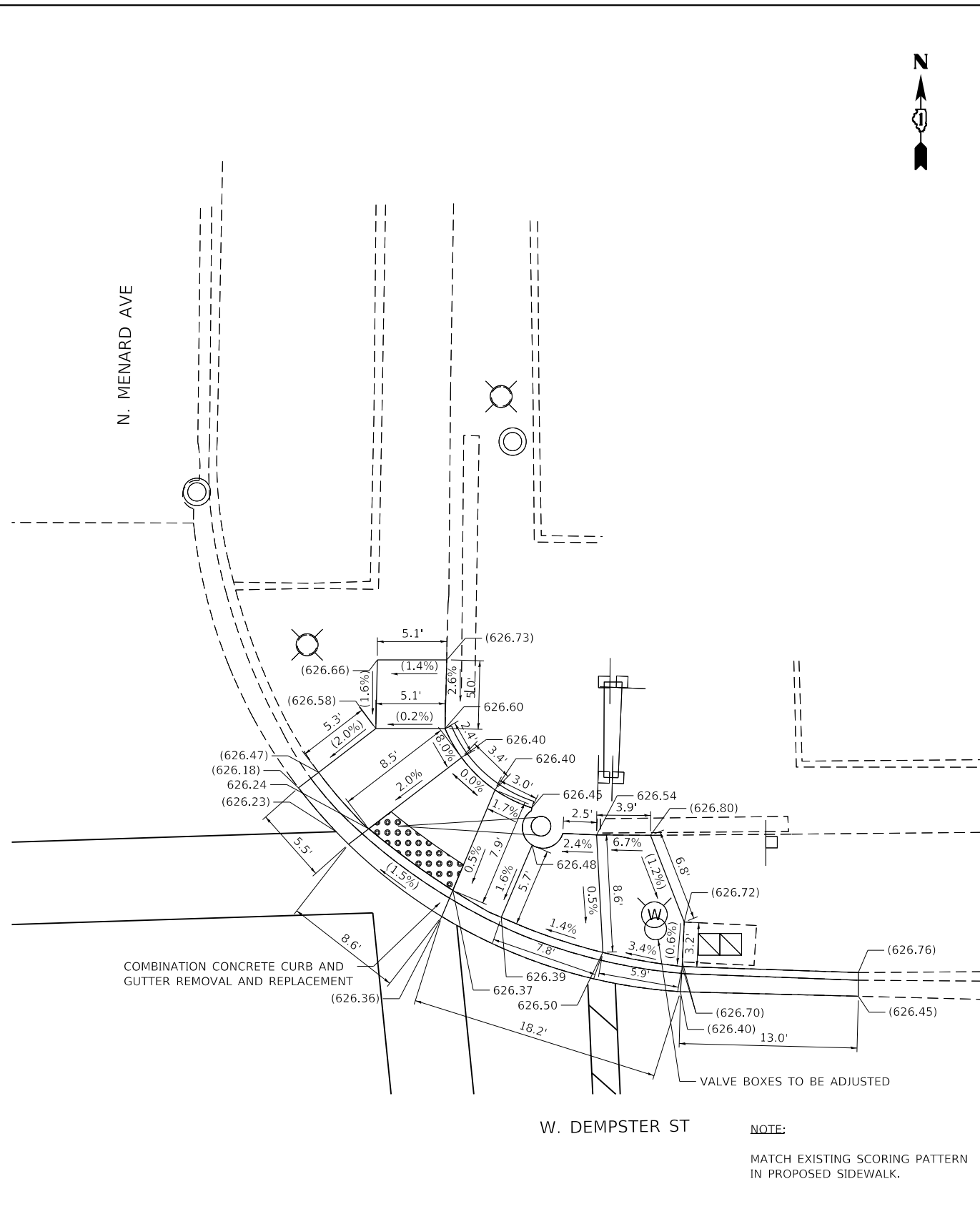
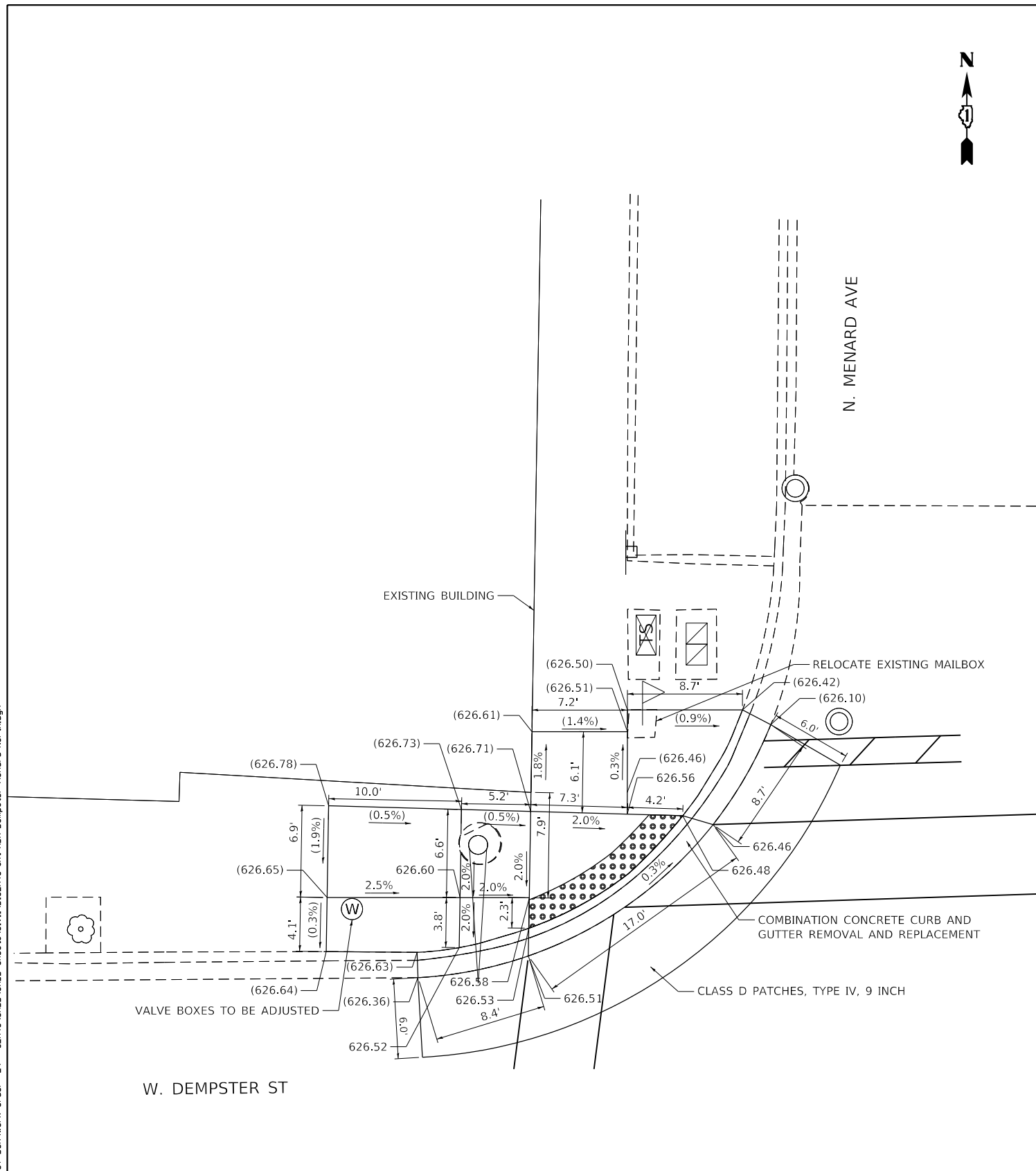
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - LRC | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - LRC | REVISED - |
| PLOT DATE = 3/8/2019 | CHECKED - JMT | REVISED - |
| | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS - N. MARMORA AVE - NORTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)**
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 52 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order 124 - 62H45\CADD\CADD Sheets\Civil\62H45-ah-ADA-Dempster Menard-North.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #19:
NORTHEAST FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. MENARD AVE AND W. DEMPSTER ST
ELEV.: 628.98
N: 1957946.6427
E: 1136891.9040

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |

TBM #19:
NORTHEAST FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. MENARD AVE AND W. DEMPSTER ST
ELEV.: 628.98
N: 1957946.6427
E: 1136891.9040



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - SAT | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - SAT | REVISED - |
| PLOT DATE = 3/8/2019 | CHECKED - JMT | REVISED - |
| | DATE - 01/28/2019 | REVISED - |

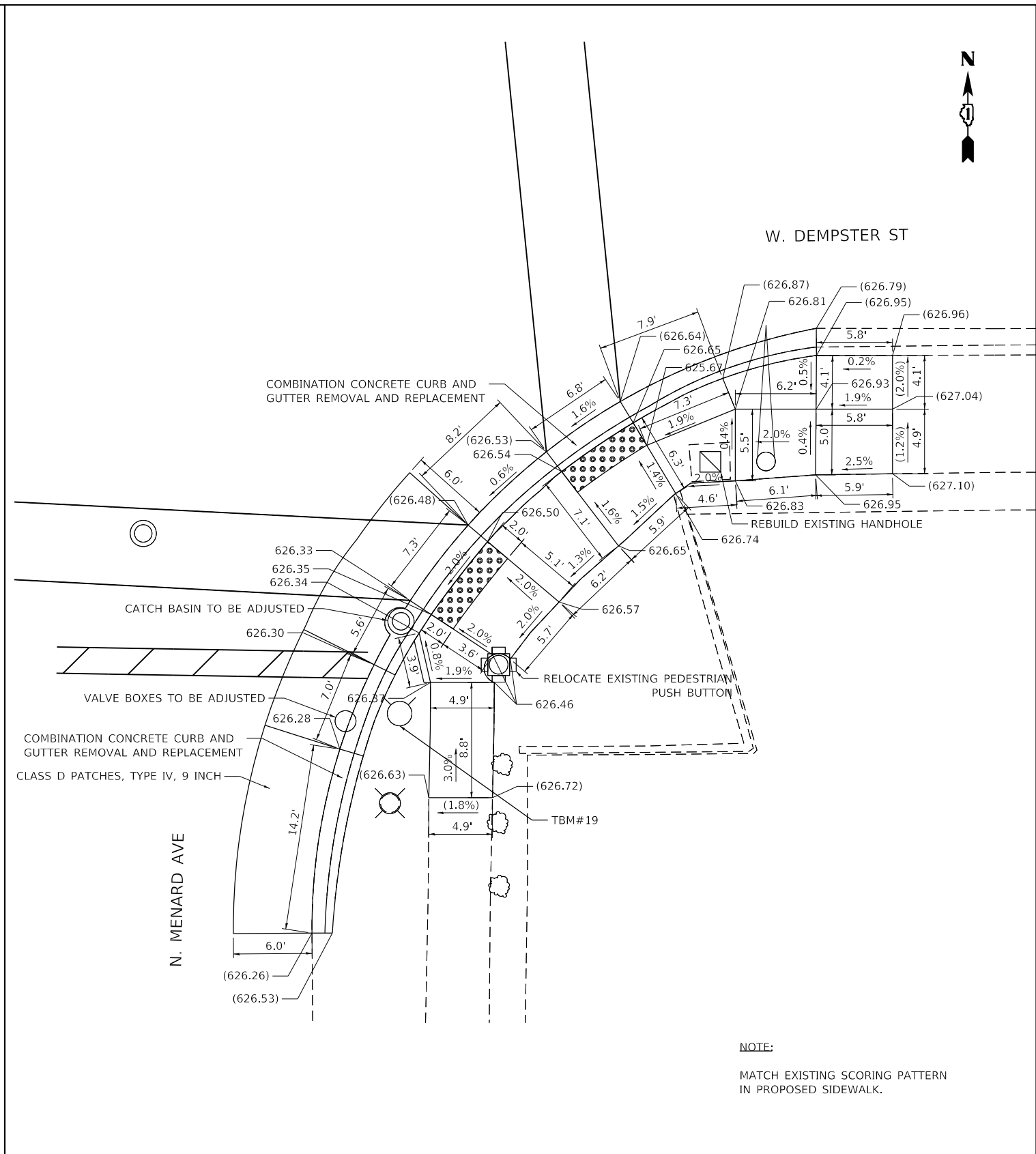
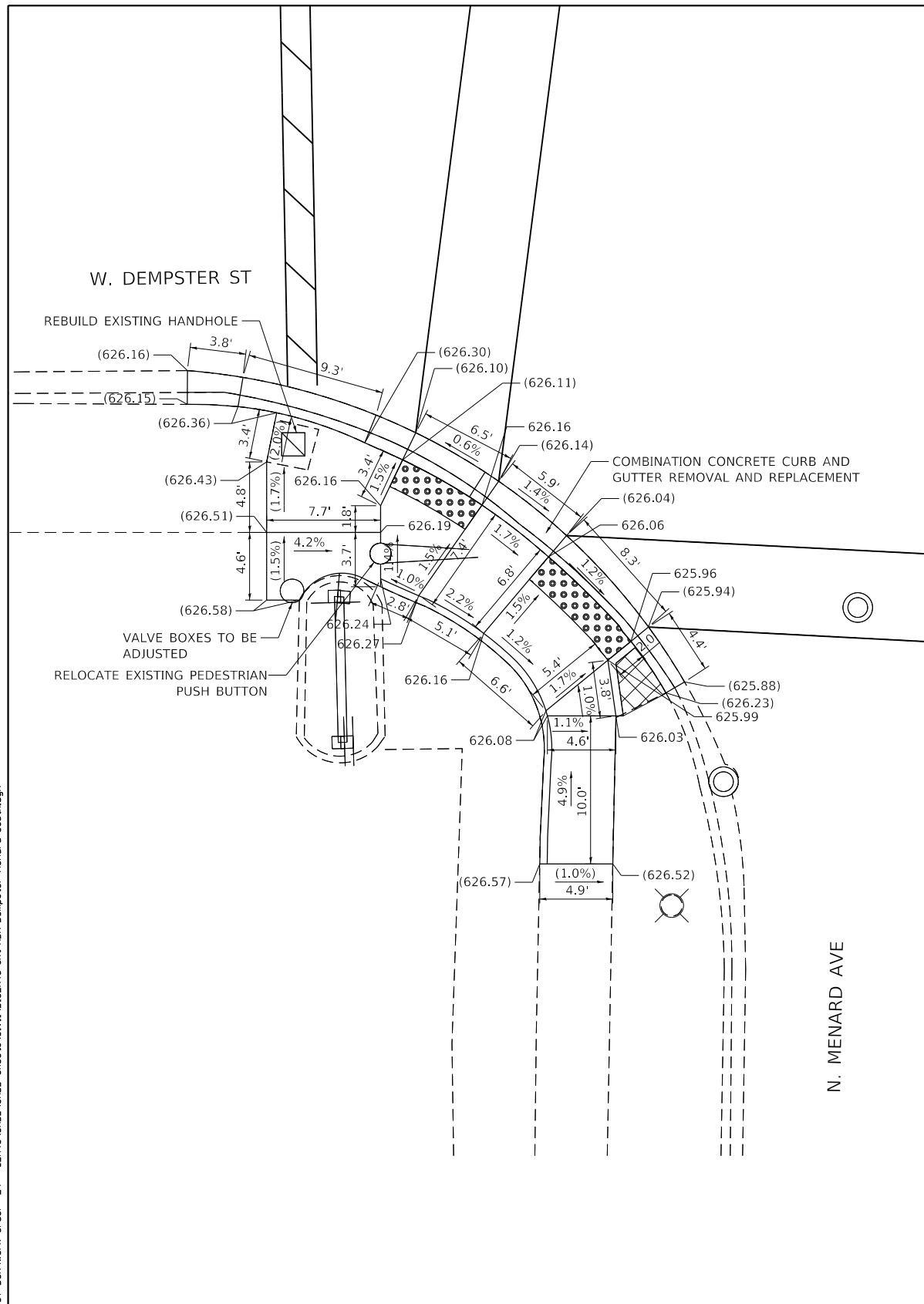
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. MENARD AVE - NORTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 55 |
| CONTRACT NO. 62H45 | | | | |

ILLINOIS FED. AID PROJECT

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order\24 - 62H45\CADD\CADD Sheets\Civil\62H45-sh1-ADA-Dempster Menard-South.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #19:
NORTHEAST FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. MENARD AVE AND W. DEMPSTER ST
ELEV.: 628.98
N: 1957946.6427
E: 1136891.9040

LEGEND

| | | | |
|-----|-----------------------------------|--|---|
| | PROPOSED SIDEWALK | | T.O.C. TOP OF CURB |
| | PROPOSED SIDE CURB | | DETECTABLE WARNINGS |
| () | EXISTING ELEVATION/SLOPE | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING BRICK SIDEWALK TO REMAIN | | REMOVE AND REINSTALL BRICK PAVER |

TBM #19:
NORTHEAST FLANGE BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER OF N. MENARD AVE AND W. DEMPSTER ST
ELEV.: 628.98
N: 1957946.6427
E: 1136891.9040

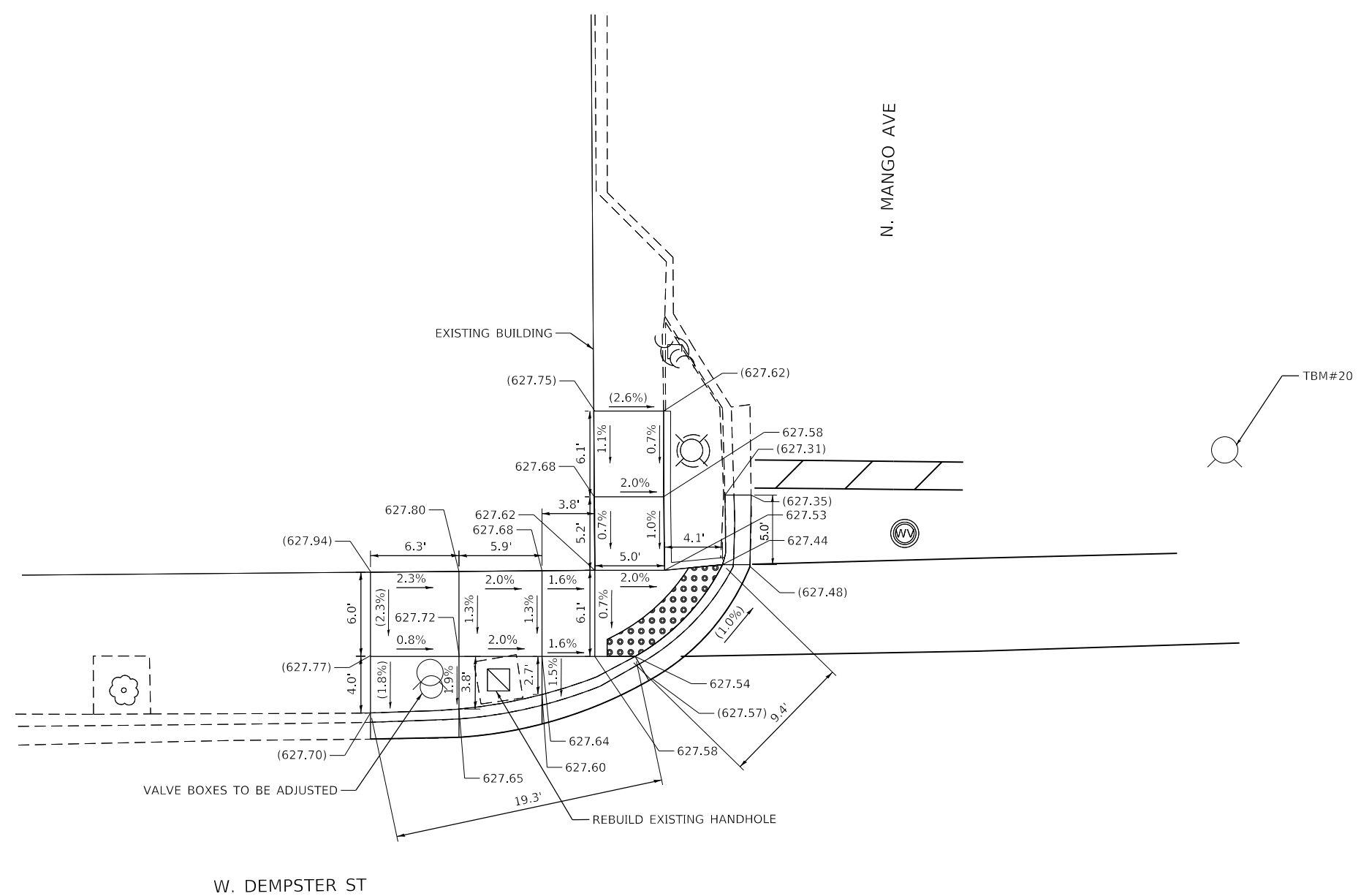


| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - SAT | REVISED - |
| | DRAWN - SAT | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. MENARD AVE - SOUTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 56 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #20:
NORTHEAST FLANGE BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF N. MANGO AVE AND W. DEMPSTER ST

ELEV.: 629.25

N: 1958054.5247
E: 1137211.8850

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - LRC | REVISED - |
| | DRAWN - LRC | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

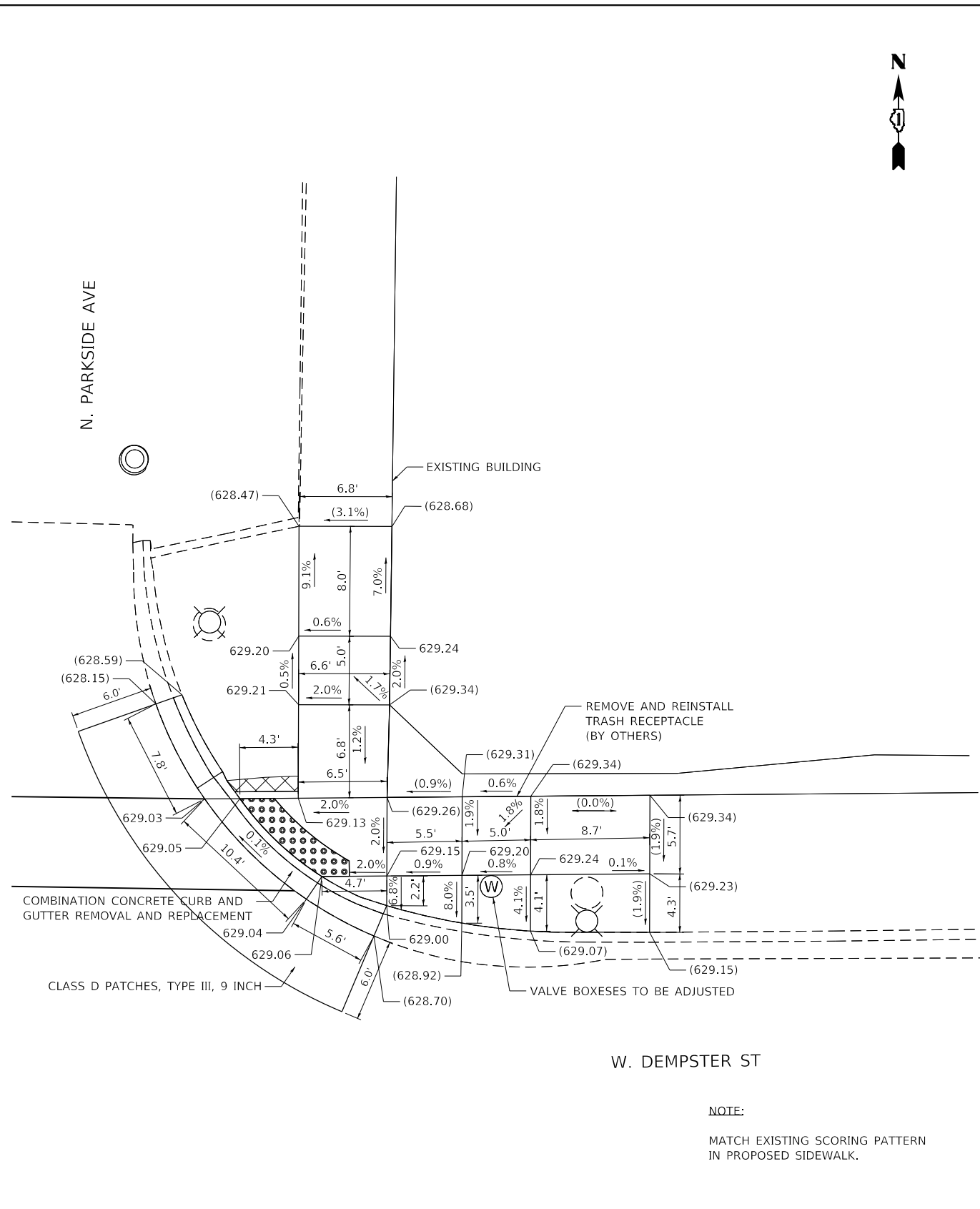
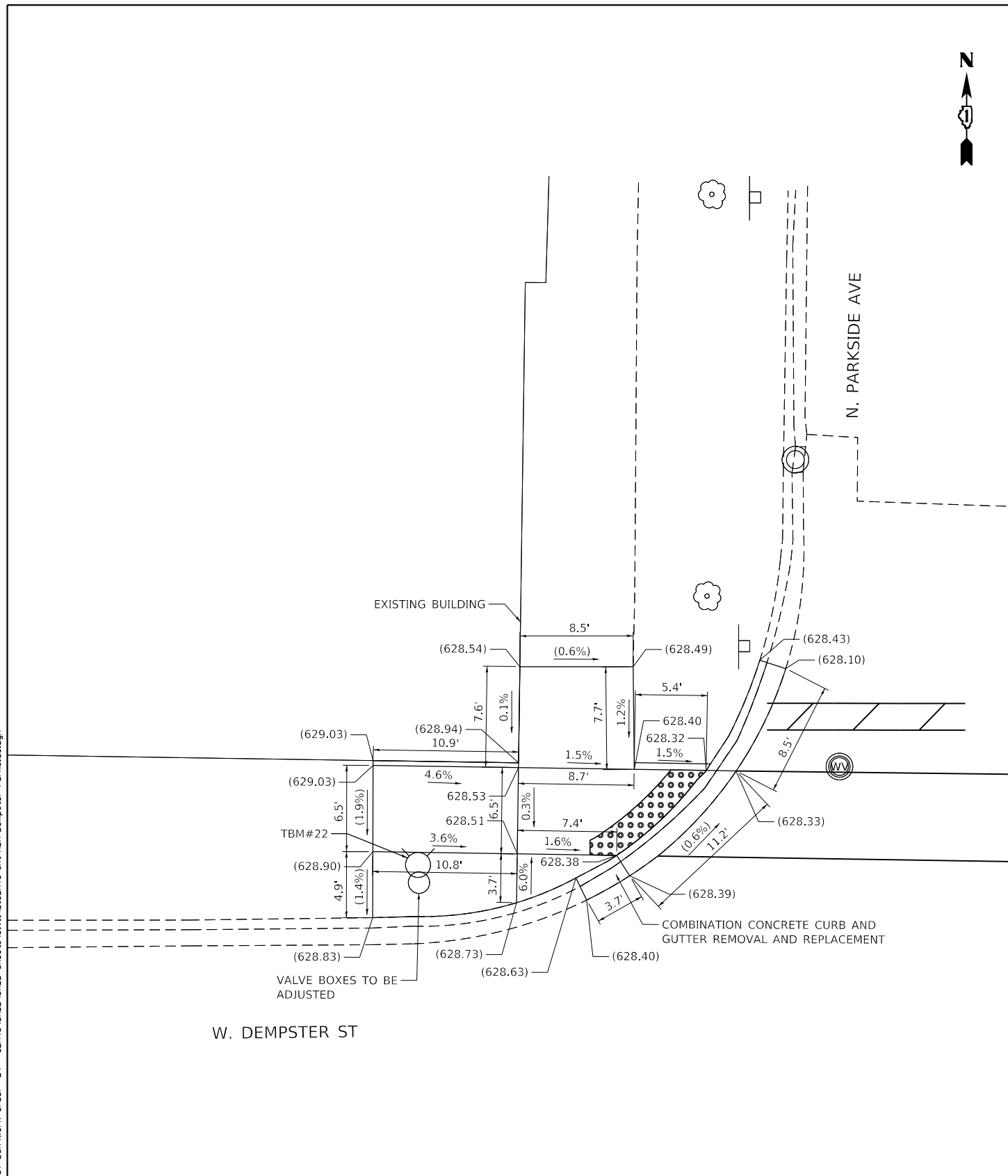
SIDEWALK RAMP DETAILS - N. MANGO AVE
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 57 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order - 24 - 62H45\CADD\CADD Sheets\Civil\62H45-shr-ADA-Dempster Parkside.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #22:
NORTH FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. PARKSIDE AVE AND W. DEMPSTER ST
ELEV.: 630.78
N: 1958045.0177
E: 1137819.5880

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |

TBM #22:
NORTH FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. PARKSIDE AVE AND W. DEMPSTER ST
ELEV.: 630.78
N: 1958045.0177
E: 1137819.5880



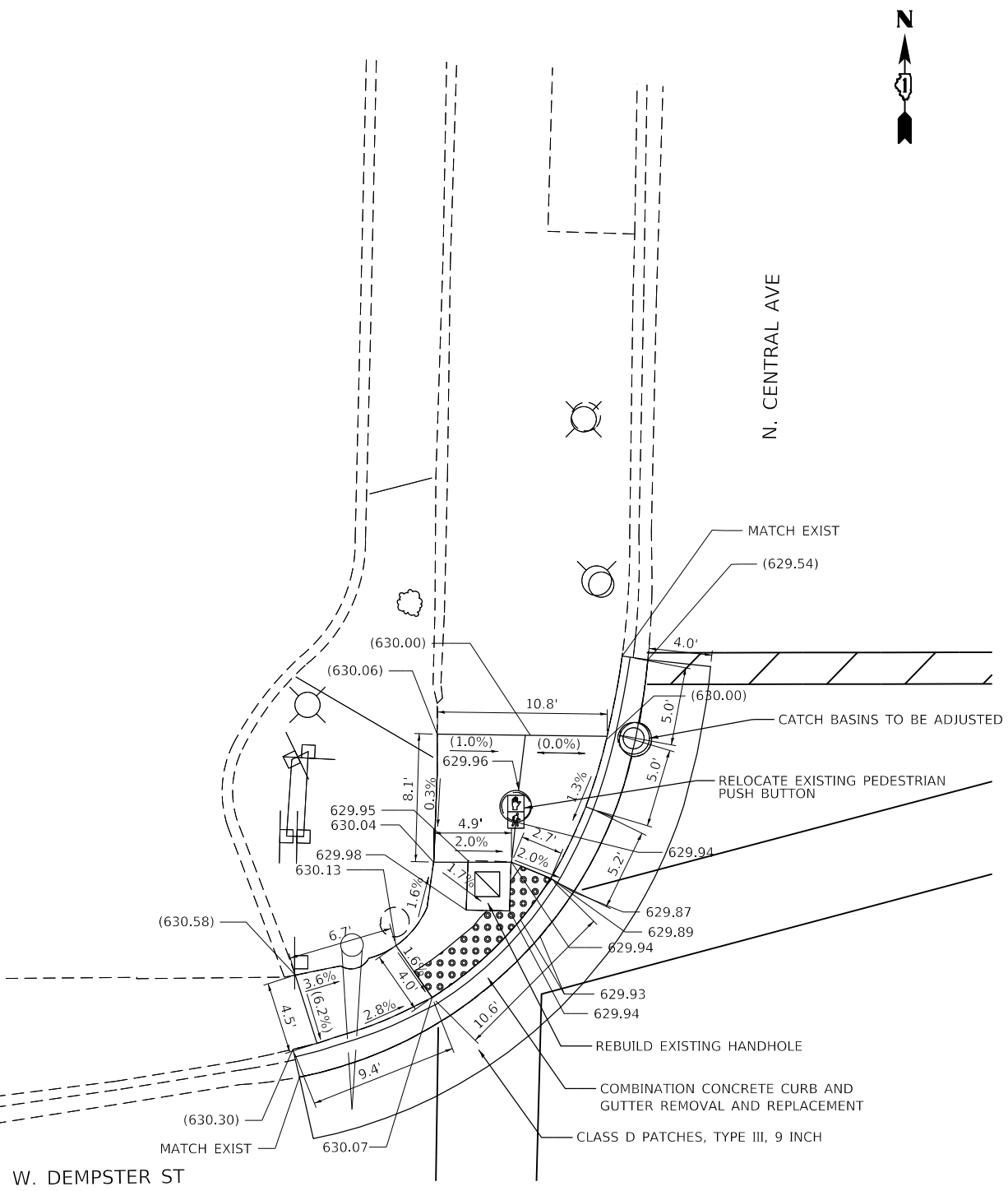
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - SAT | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - SAT | REVISED - |
| PLOT DATE = 3/8/2019 | CHECKED - JMT | REVISED - |
| | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. PARKSIDE AVE
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 60 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DURWork Order #24 - 62H45\CADD\CADD Sheets\Civil\62H45-ah-ADA-Dempster Central-North.dgn



NOTE:
MATCH EXISTING SCORING PATTERN
IN PROPOSED SIDEWALK.

TBM #23:
WEST TAG BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF N. CENTRAL AVE AND W. DEMPSTER ST

ELEV.: 632.02

N: 1957939.7897
E: 1138166.7580

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |



| | | |
|----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - DH | REVISED - |
| | DRAWN - DH | REVISED - |
| PLOT SCALE = 10.0000' / 1" | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

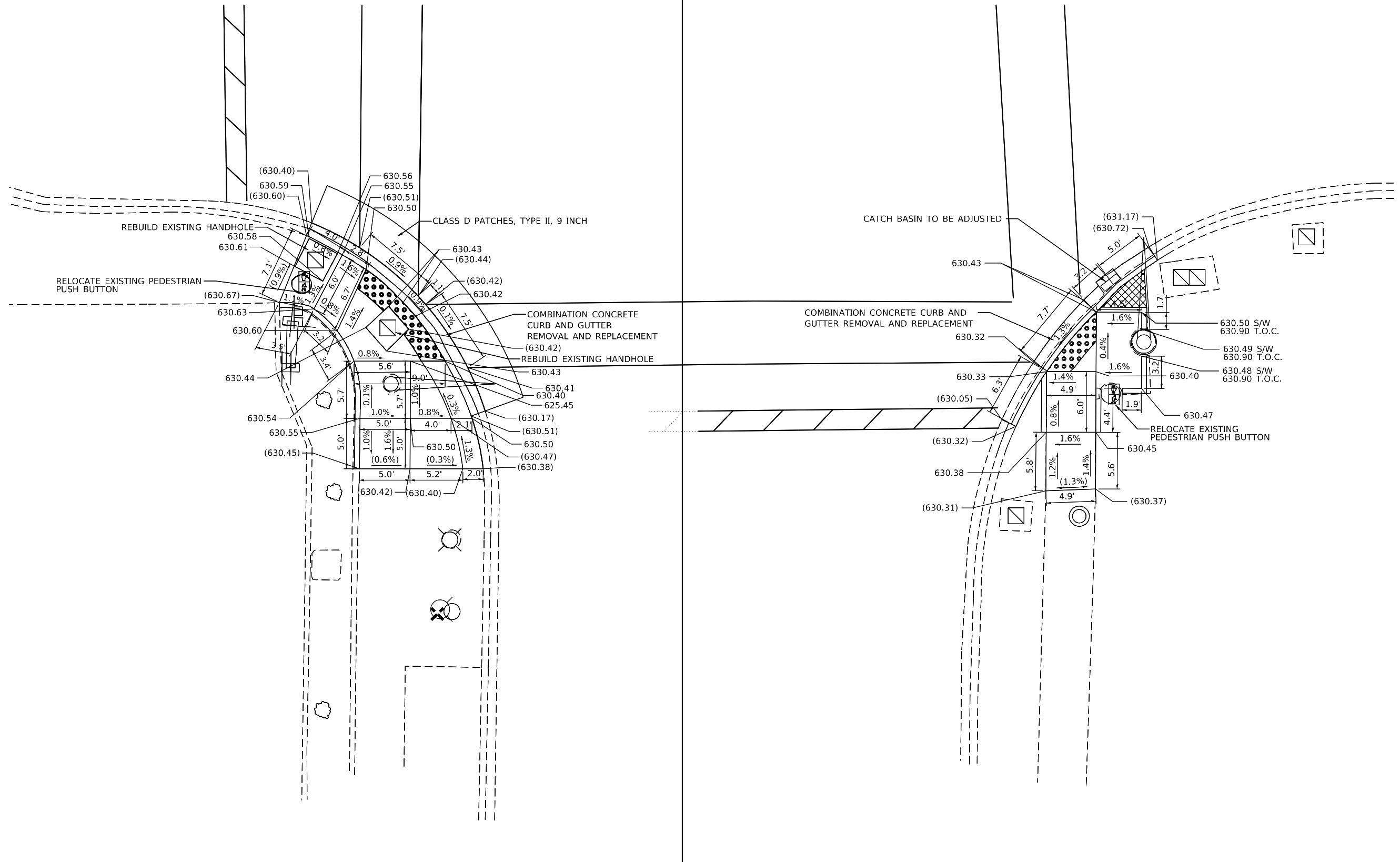
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. CENTRAL AVE - NORTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 61 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| LEGEND | | T.O.C. TOP OF CURB | |
|--------|-----------------------------------|--------------------|---|
| | PROPOSED SIDEWALK | | DETECTABLE WARNINGS |
| | PROPOSED SIDE CURB | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING ELEVATION/SLOPE | | REMOVE AND REINSTALL BRICK PAVER |
| | EXISTING BRICK SIDEWALK TO REMAIN | | |



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - DH | REVISED - |
| | DRAWN - DH | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

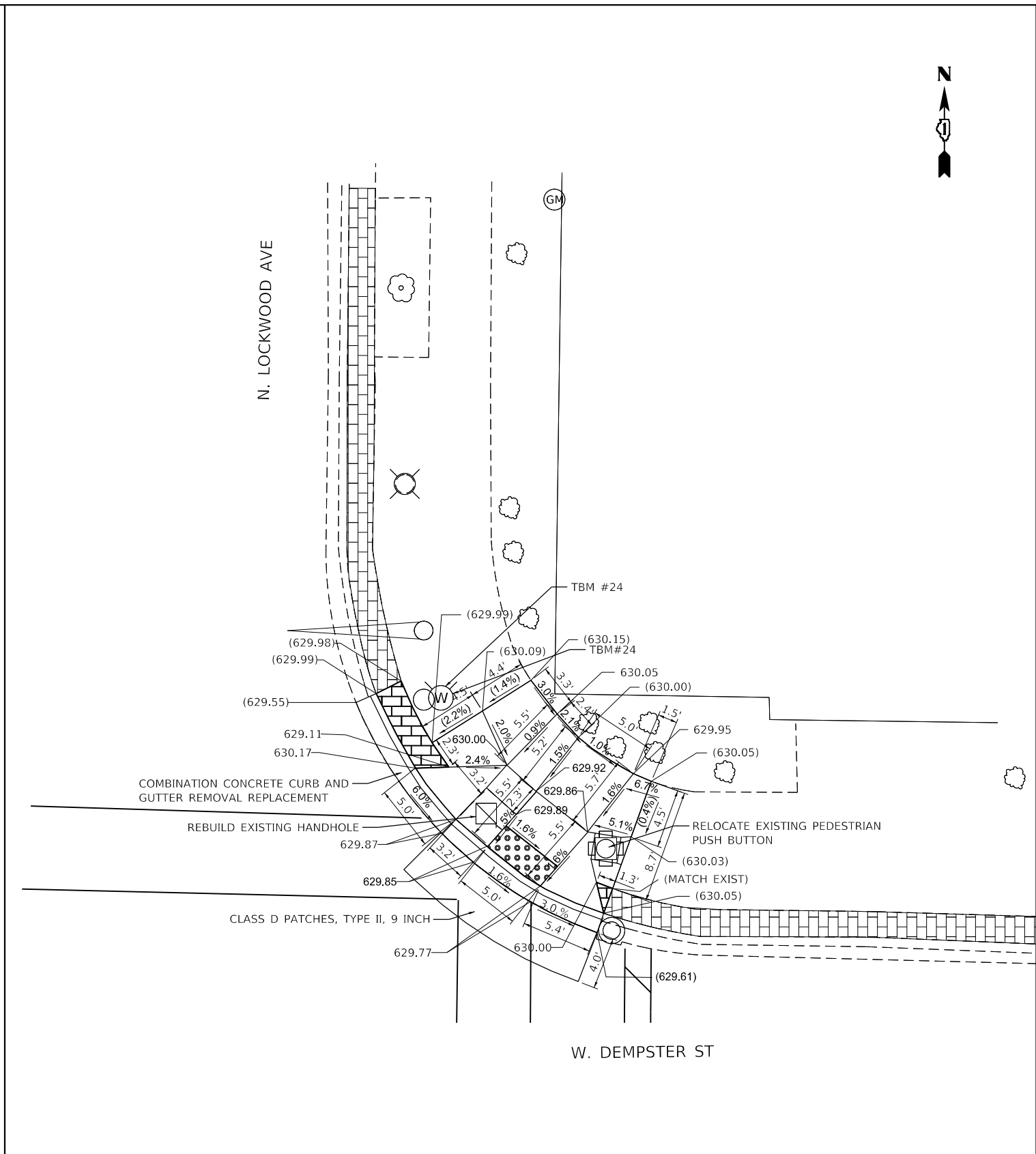
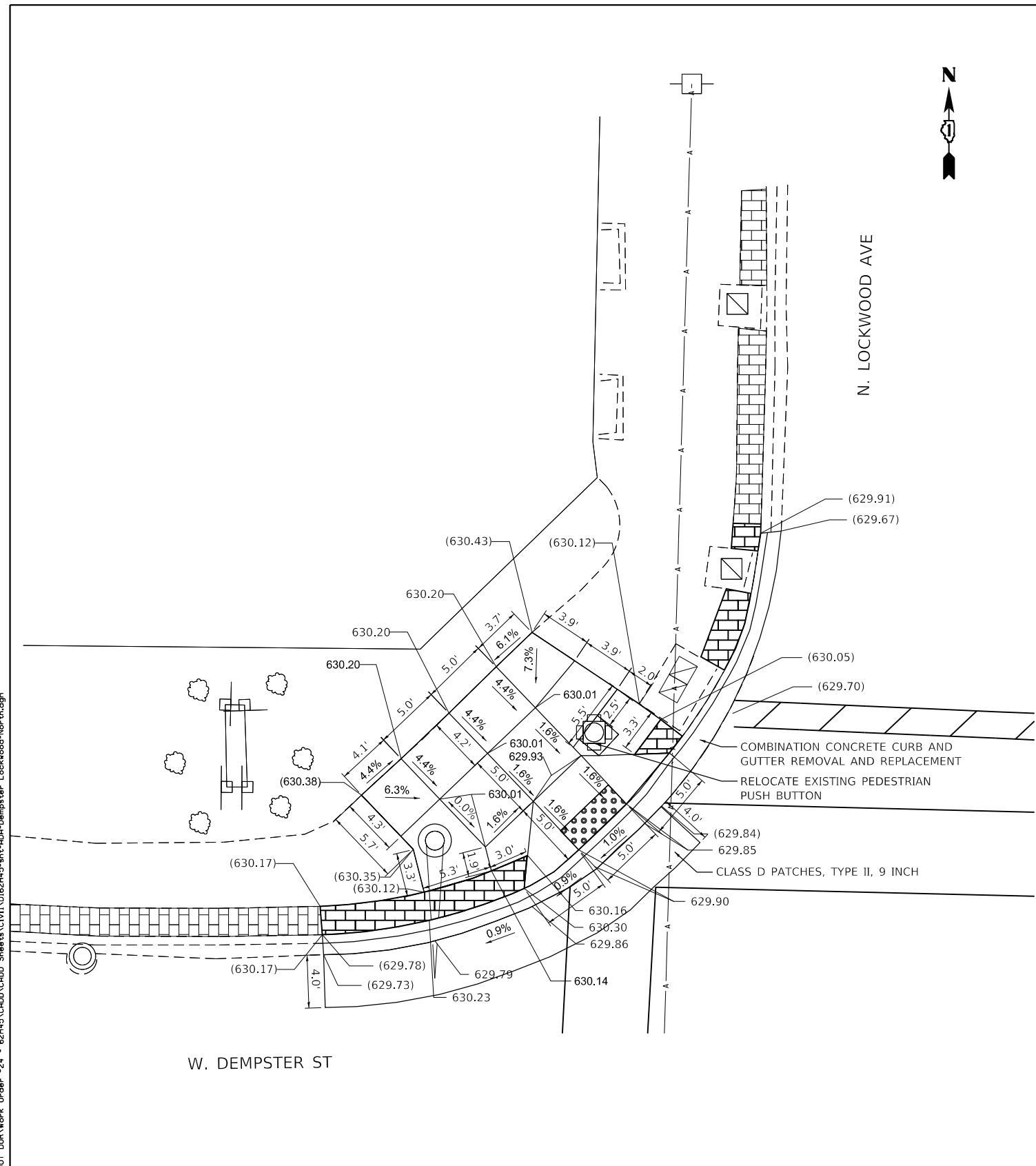
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - N. CENTRAL AVE - SOUTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 62 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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TBM #24:
NORTHEAST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF N. LOCKWOOD AVE AND W. DEMPSTER ST

ELEV.: 632.42

N: 1958060.8547
E: 1140217.3200

| LEGEND | |
|--------|---|
| | PROPOSED SIDEWALK |
| | PROPOSED SIDE CURB |
| () | EXISTING ELEVATION/SLOPE |
| | EXISTING BRICK SIDEWALK TO REMAIN |
| | T.O.C. TOP OF CURB |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | REMOVE AND REINSTALL BRICK PAVER |

TBM #24:
NORTHEAST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF N. LOCKWOOD AVE AND W. DEMPSTER ST

ELEV.: 632.42

N: 1958060.8547
E: 1140217.3200



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - DH | REVISED - |
| | DRAWN - DH | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

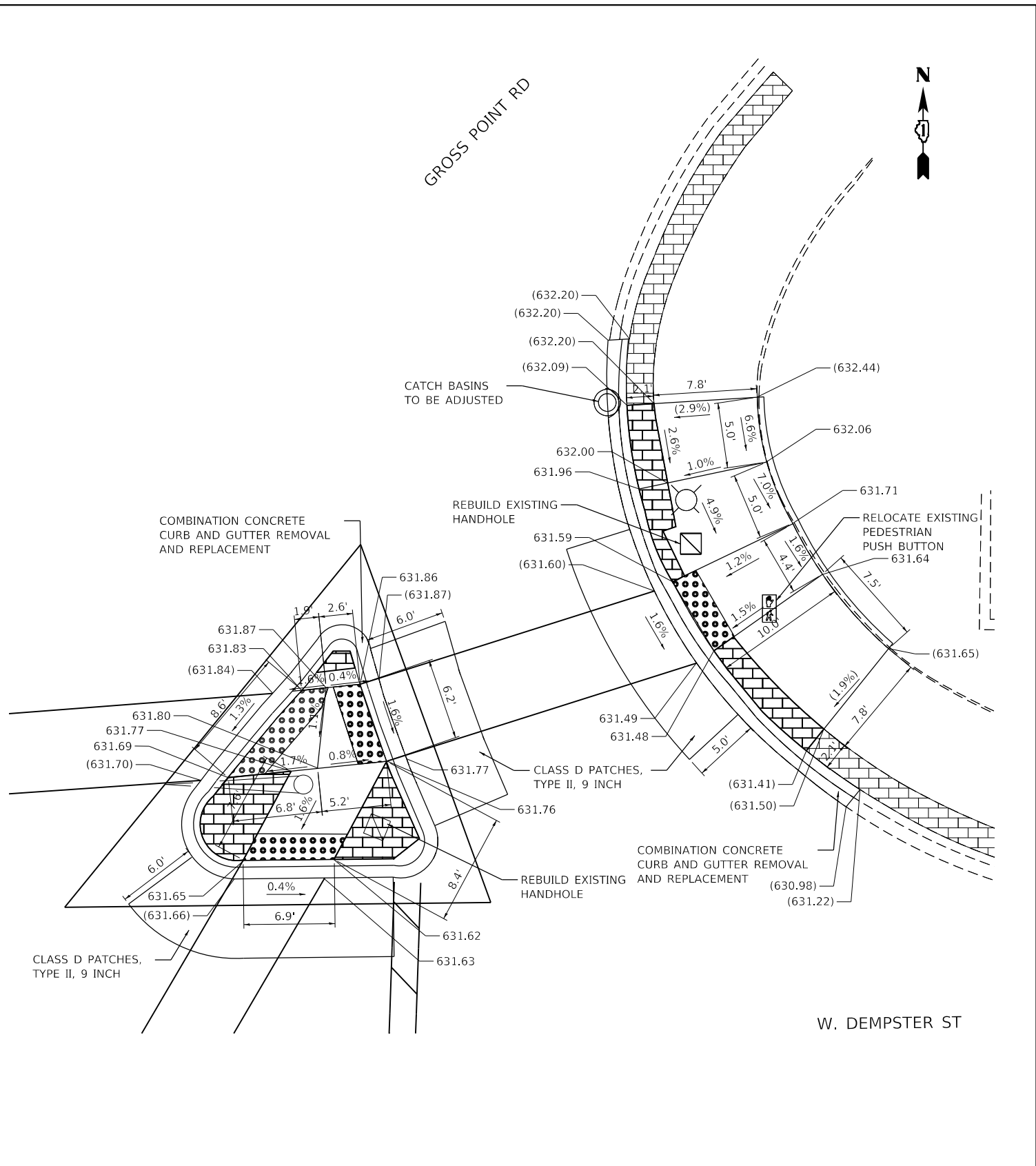
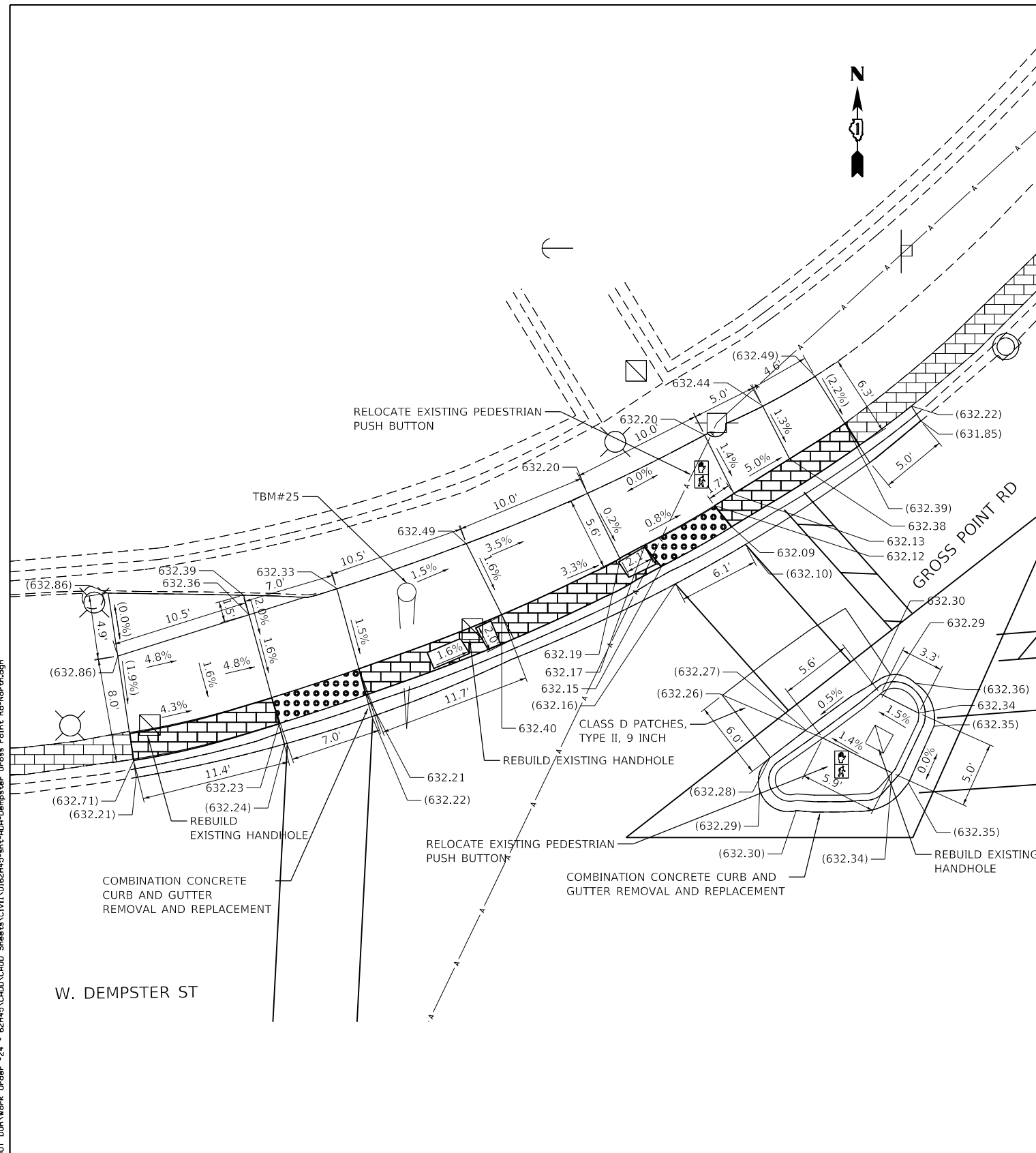
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS - N. LOCKWOOD AVE - NORTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 63 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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TBM #25:
SOUTHEAST BOLT ON TRAFFIC SIGNAL POLE AT NORTHWEST CORNER OF GROSS POINT RD AND W. DEMPSTER ST

ELEV.: 633.45

N: 1958048.0897
E: 1140877.6040

LEGEND

- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- EXISTING BRICK SIDEWALK TO REMAIN
- T.O.C. TOP OF CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- REMOVE AND REINSTALL BRICK PAVER

TBM #25:
SOUTHEAST BOLT ON TRAFFIC SIGNAL POLE AT NORTHWEST CORNER OF GROSS POINT RD AND W. DEMPSTER ST

ELEV.: 633.45

N: 1958048.0897
E: 1140877.6040



| | | |
|----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - AB | REVISED - |
| | DRAWN - AB | REVISED - |
| PLOT SCALE = 10.0000' / 1" | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

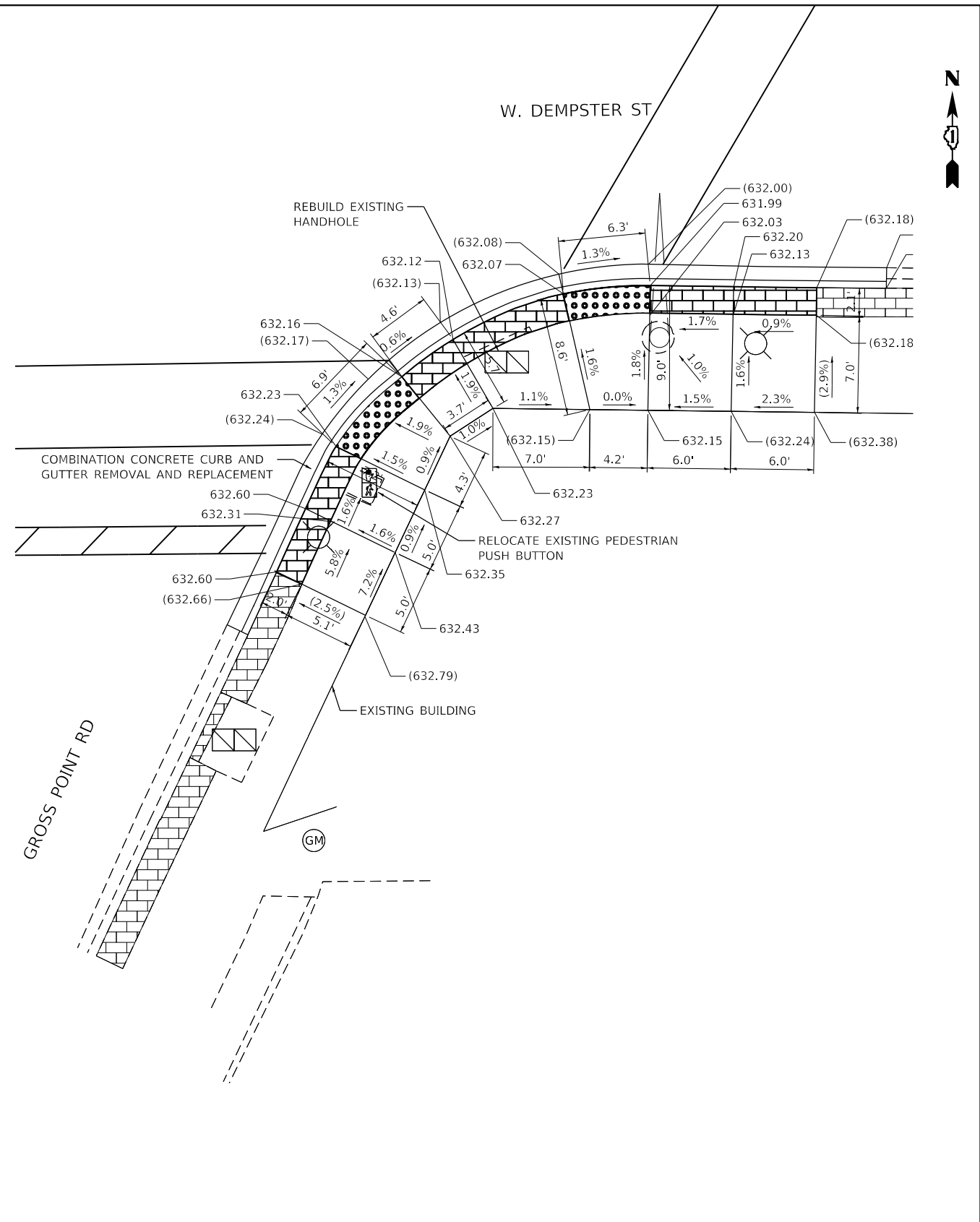
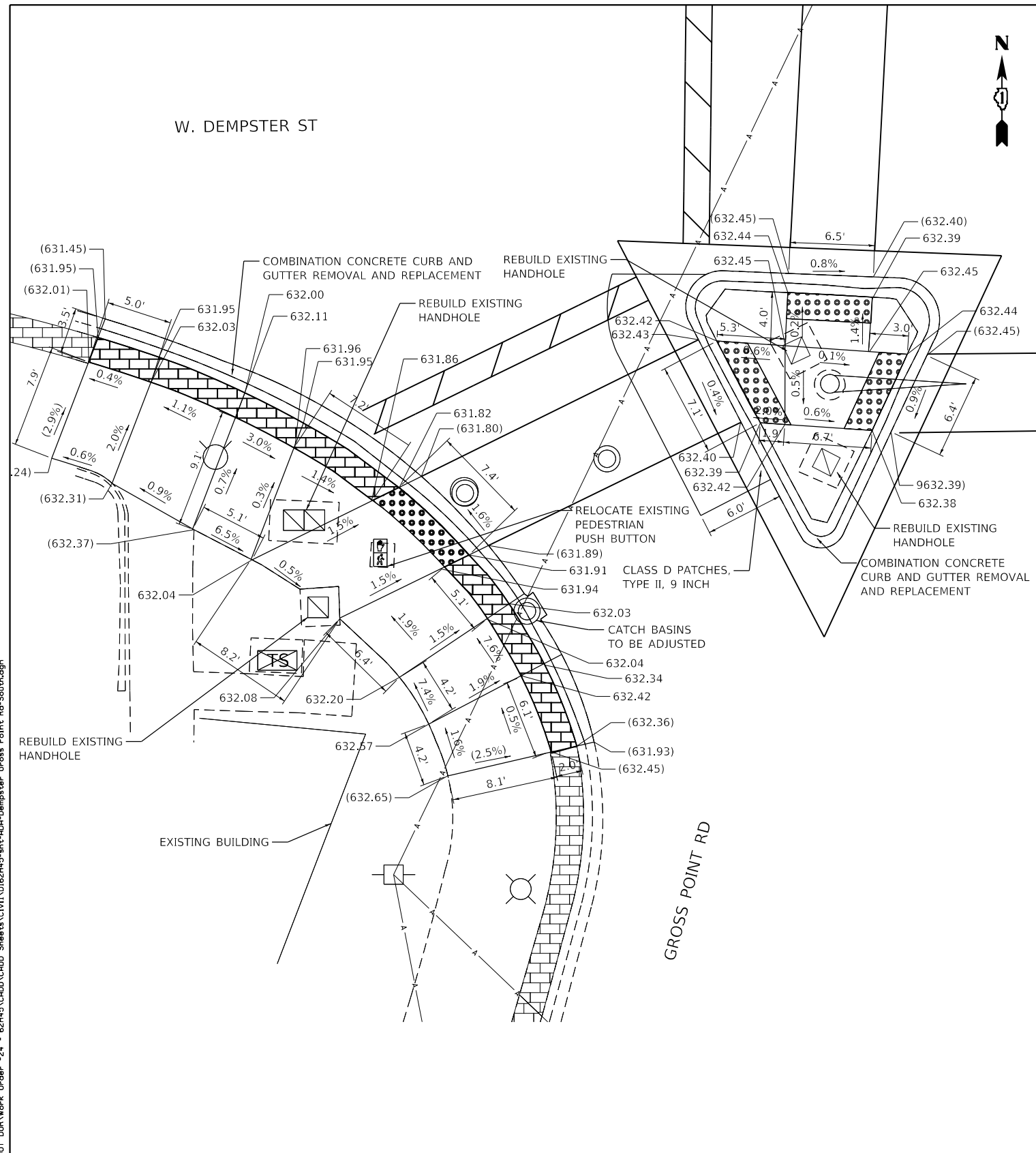
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - GROSS POINT RD - NORTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 65 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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TBM #25:
SOUTHEAST BOLT ON TRAFFIC SIGNAL POLE AT NORTHWEST CORNER OF GROSS POINT RD AND W. DEMPSTER ST
ELEV.: 633.45
N: 1958048.0897
E: 1140877.6040

LEGEND

| | | | |
|--|-----------------------------------|--|---|
| | PROPOSED SIDEWALK | | T.O.C. TOP OF CURB |
| | PROPOSED SIDE CURB | | DETECTABLE WARNINGS |
| | () EXISTING ELEVATION/SLOPE | | SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD |
| | EXISTING BRICK SIDEWALK TO REMAIN | | REMOVE AND REINSTALL BRICK PAVER |

TBM #25:
SOUTHEAST BOLT ON TRAFFIC SIGNAL POLE AT NORTHWEST CORNER OF GROSS POINT RD AND W. DEMPSTER ST
ELEV.: 633.45
N: 1958048.0897
E: 1140877.6040



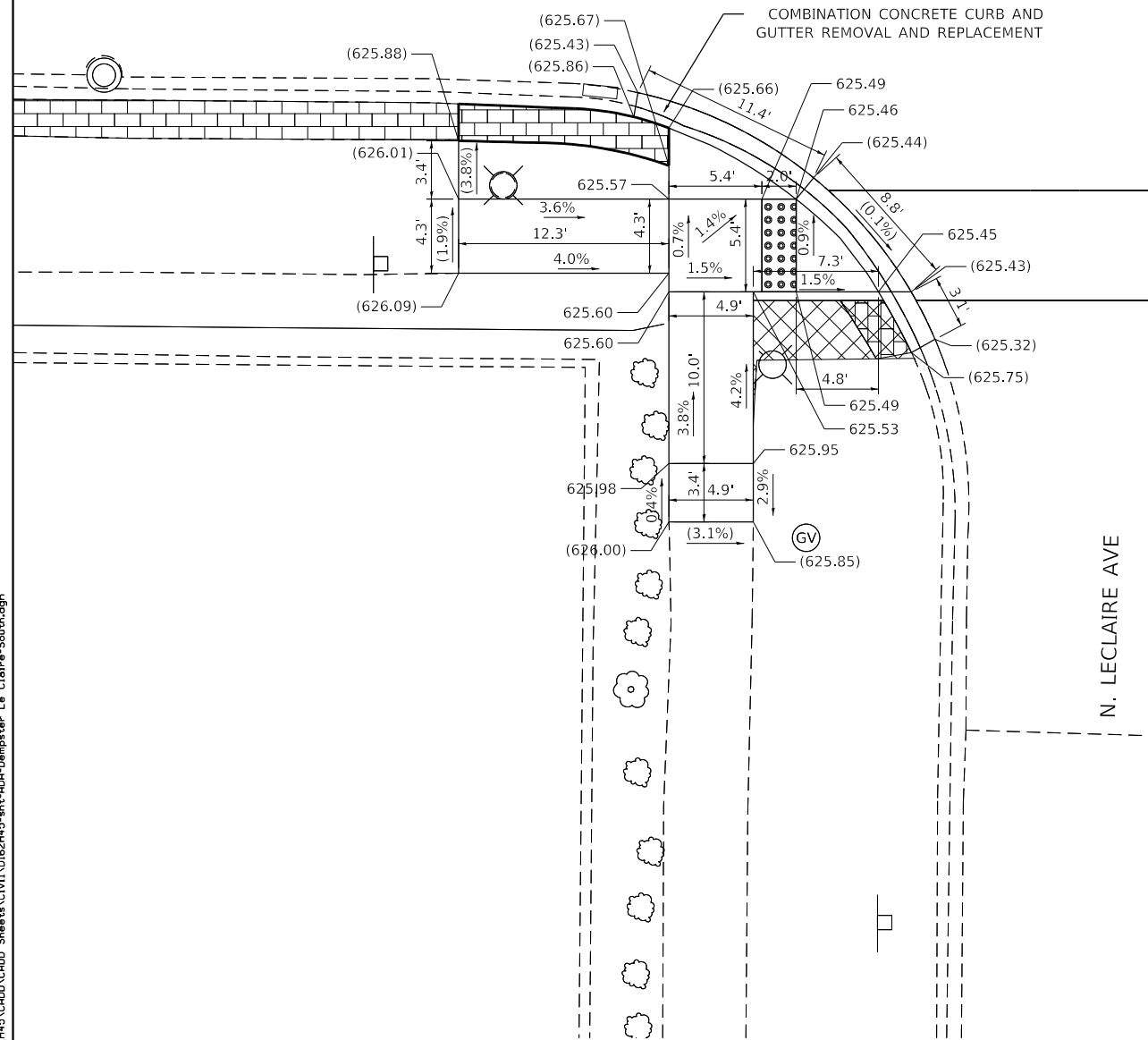
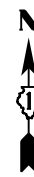
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|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - AB | REVISED - |
| | DRAWN - AB | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

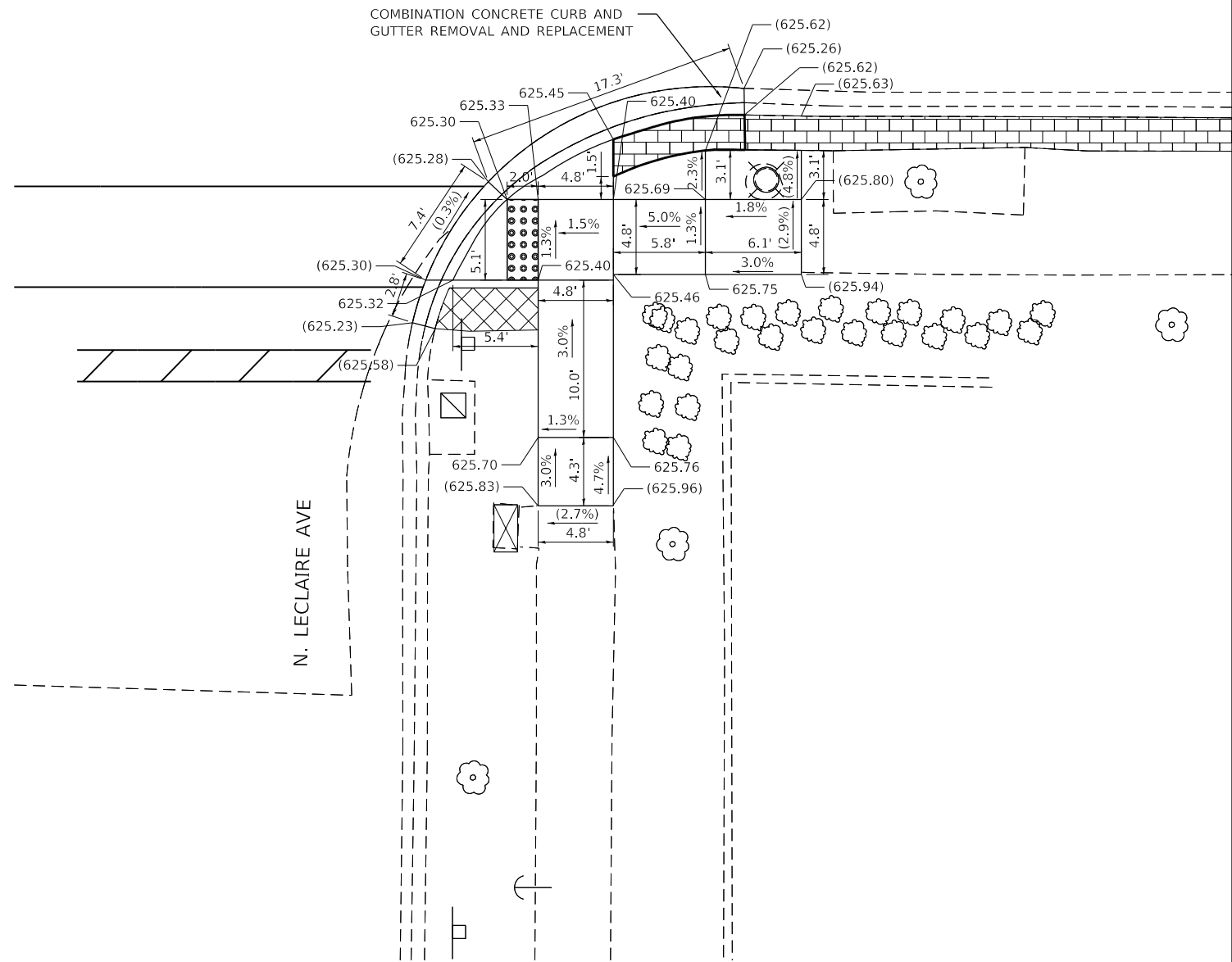
SIDEWALK RAMP DETAILS - GROSS POINT RD - SOUTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-RS&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 66 |
| CONTRACT NO. 62H45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |









W. DEMPSTER ST



W. DEMPSTER ST



LEGEND

-  PROPOSED SIDEWALK
-  PROPOSED SIDE CURB
-  EXISTING ELEVATION/SLOPE
-  EXISTING BRICK SIDEWALK TO REMAIN
-  T.O.C. TOP OF CURB
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
-  REMOVE AND REINSTALL BRICK PAVER

TBM #26:
NORTHWEST FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. LE CLAIRE AVE AND W. DEMPSTER ST
ELEV.: 628.01
N: 1958033.6787
E: 1141480.5010

TBM #26:
NORTHWEST FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF N. LE CLAIRE AVE AND W. DEMPSTER ST
ELEV.: 628.01
N: 1958033.6787
E: 1141480.5010



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = johnn | DESIGNED - SAT | REVISED - |
| | DRAWN - SAT | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - JMT | REVISED - |
| PLOT DATE = 3/8/2019 | DATE - 01/28/2019 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

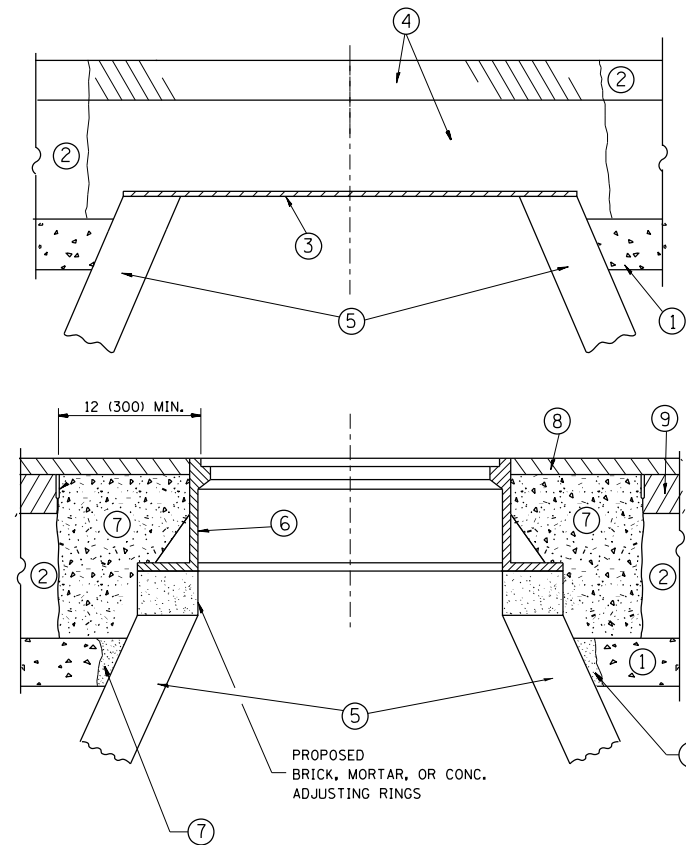
**SIDEWALK RAMP DETAILS - N. LECLAIRE AVE - SOUTH
IL RTE 58 (DEMPSTER ST) (WAUKEGAN RD TO SKOKIE BLVD)**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 377 | 2018-102-RS&SW | COOK | 83 | 68 |
| CONTRACT NO. 62H45 | | | | |

ILLINOIS FED. AID PROJECT

FILE NAME = Q:\Engineering\LiveProjects\13038 IDOT DUR\Work Order\24 - 62H45\CADD\CADD Sheets\Civil\162H45-sh1-ADA-Dempster Le Claire-South.dgn



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 A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

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-1* 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-1* 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:

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)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

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.

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.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

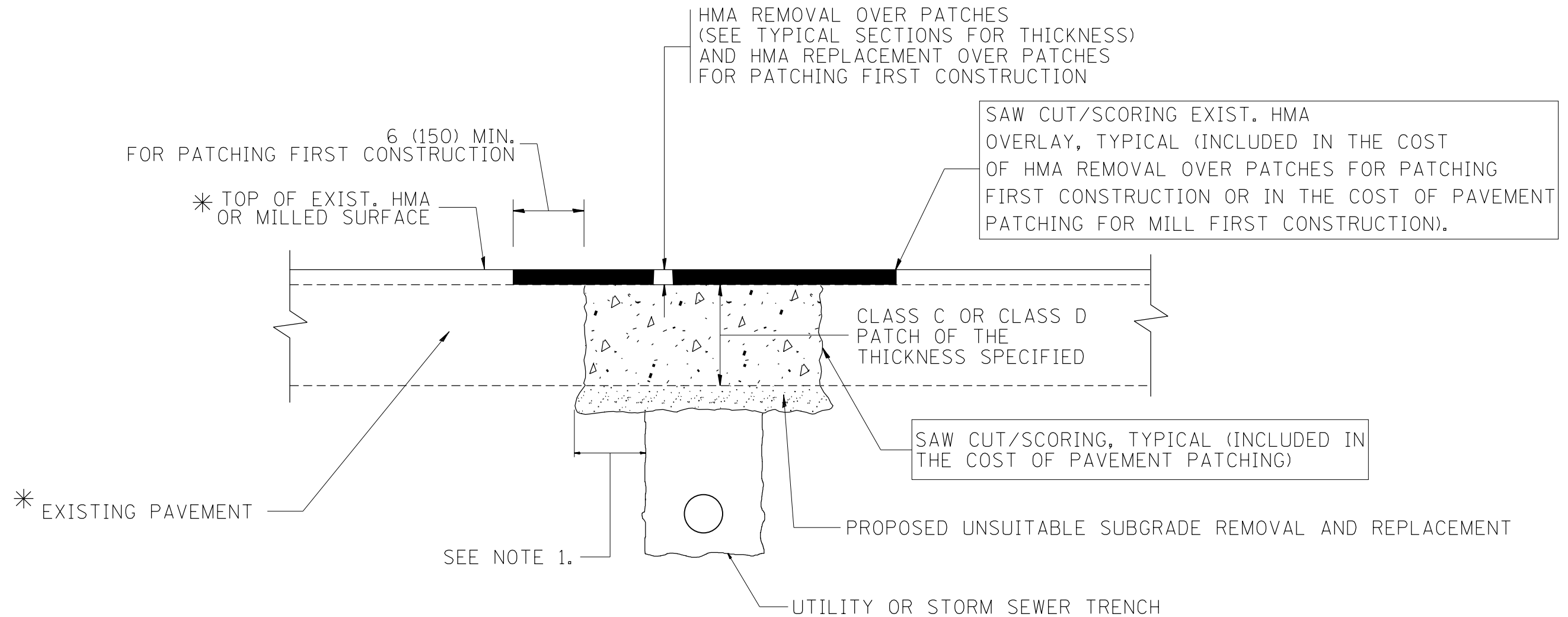
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| | | CHECKED - | REVISED - R. BORO 03-09-11 |
| | | DATE - 10-25-94 | REVISED - R. BORO 12-06-11 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---|----------------|---------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 72 |
| BD600-03 (BD-8) | | CONTRACT NO. | 62H45 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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 4 1/2 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.

| | | | | | | | | | | | | |
|--|------------------------------|--------------------|-----------------------------|---|--|-------------------------|------|---------------------------|----------------|---|--------------|-----------|
| FILE NAME = | USER NAME = josephm | DESIGNED - R. SHAH | REVISED - A. ABBAS 04-27-98 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI084EBIDINTEG\Design\DistStd.dgn | | CHECKED - | REVISED - R. BORO 01-01-07 | | | | | 377 | 2018-102-R5&SW | COOK | 83 | 73 |
| | PLOT SCALE = 100.0000' / 1". | DATE - 10-25-94 | REVISED - R. BORO 09-04-07 | | BD400-04 (BD-22) | | | CONTRACT NO. 62H45 | | | | |
| | PLOT DATE = 2/6/2019 | | REVISED - K. ENG 10-27-08 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | |

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)
1/4" (5) **

18" (450) MAX.

3" (75) MIN.

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

* 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.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

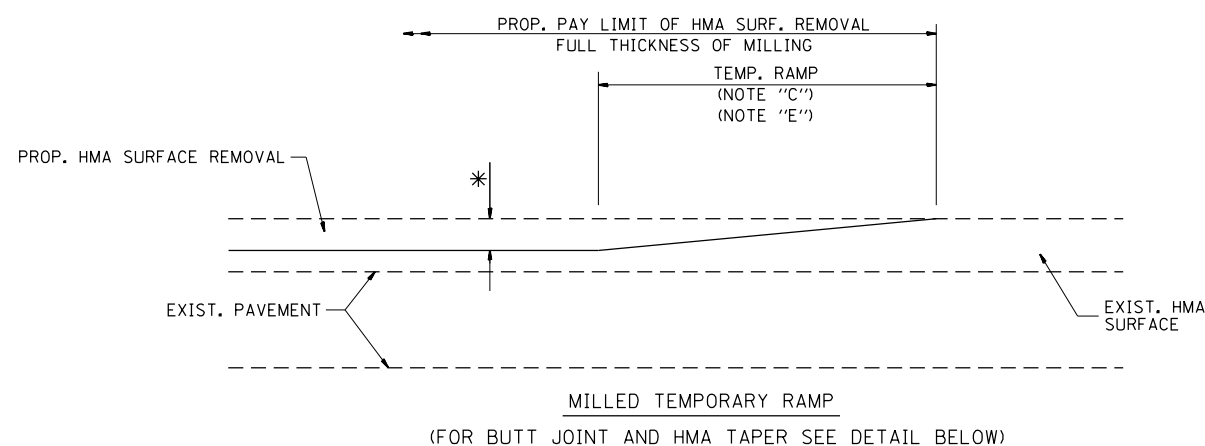
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

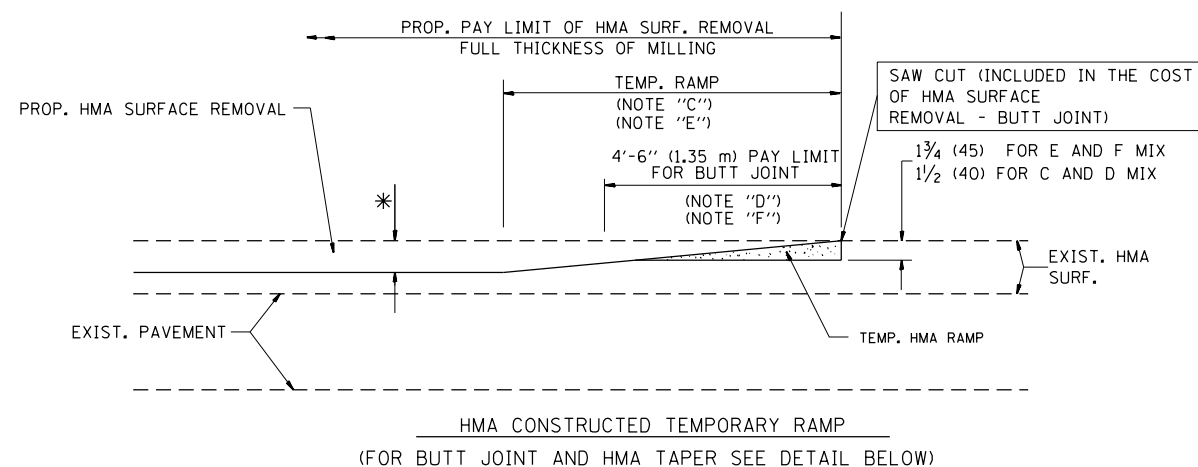
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

| | | | | | | | | | | |
|---|---------------------|-----------------------------|-----------------------------|---|--|-------------------------|-------------------------|---------------------------|--------------|---|
| FILE NAME = | USER NAME = josephm | DESIGNED - A. HOUSEH | REVISED - R. SHAH 10-03-96 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT | F.A.P. RE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI0301\Drawings\Design\DistStd.dgn | | REVISED - A. ABBAS 03-21-97 | REVISED - M. GOMEZ 01-22-01 | | | 377 | 2018-102-R5&SW | COOK | 83 | 74 |
| PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - R. BORO 12-15-09 | | | | BD600-06 (BD-24) | | CONTRACT NO. 62H45 | | |
| PLOT DATE = 2/6/2019 | DATE - 03-11-94 | | | | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |

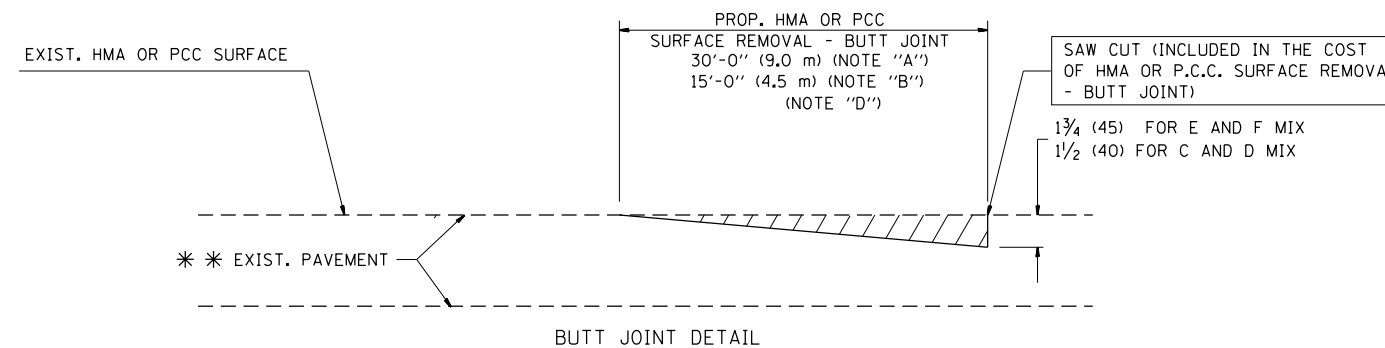


OPTION 1

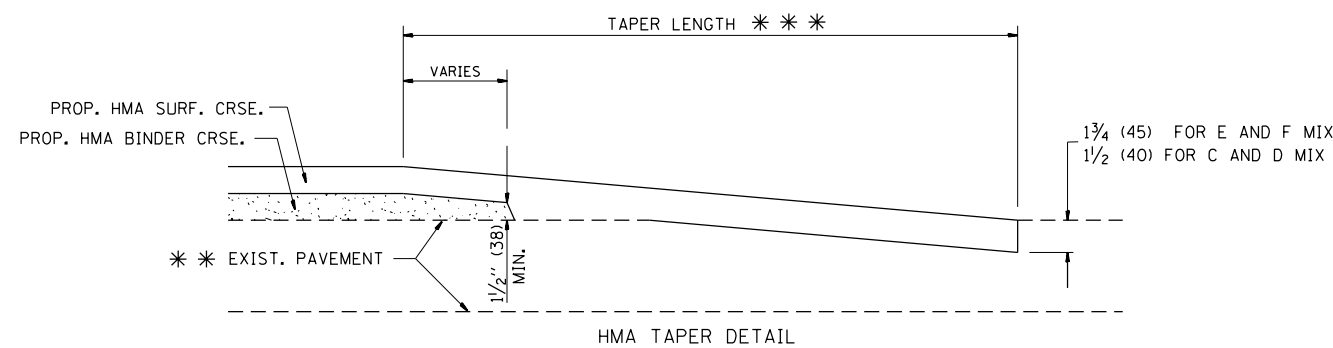


OPTION 2

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.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- 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'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

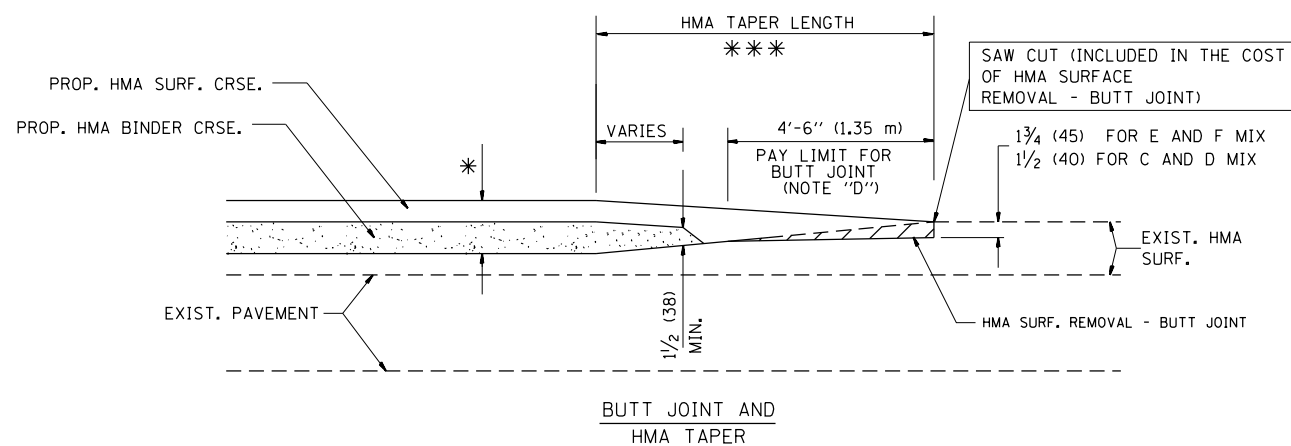
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

* * * 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:

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".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

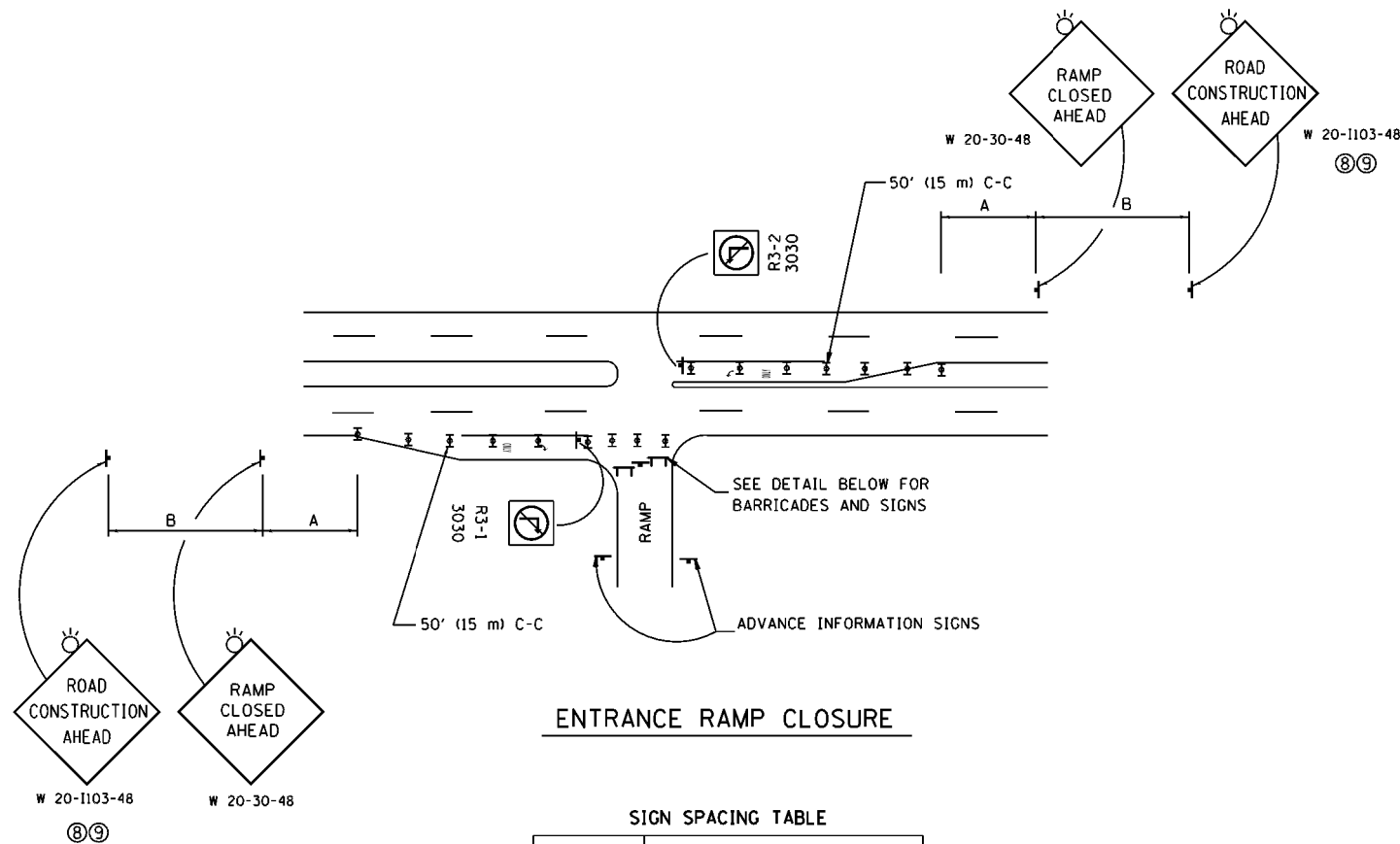
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|--|-------------------------------|-----------------------|-----------------------------|
| FILE NAME = | USER NAME = josephm | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94 |
| p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\1084EBIDINTEG\Design\DistStd.dgn | | | REVISED - A. ABBAS 03-21-97 |
| | PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - M. GOMEZ 04-06-01 |
| | PLOT DATE = 2/6/2019 | DATE - 06-13-90 | REVISED - R. BORO 01-01-07 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---|----------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-R5&SW | COOK | 83 | 75 |
| BD400-05 BD32 | | CONTRACT NO. 62H45 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

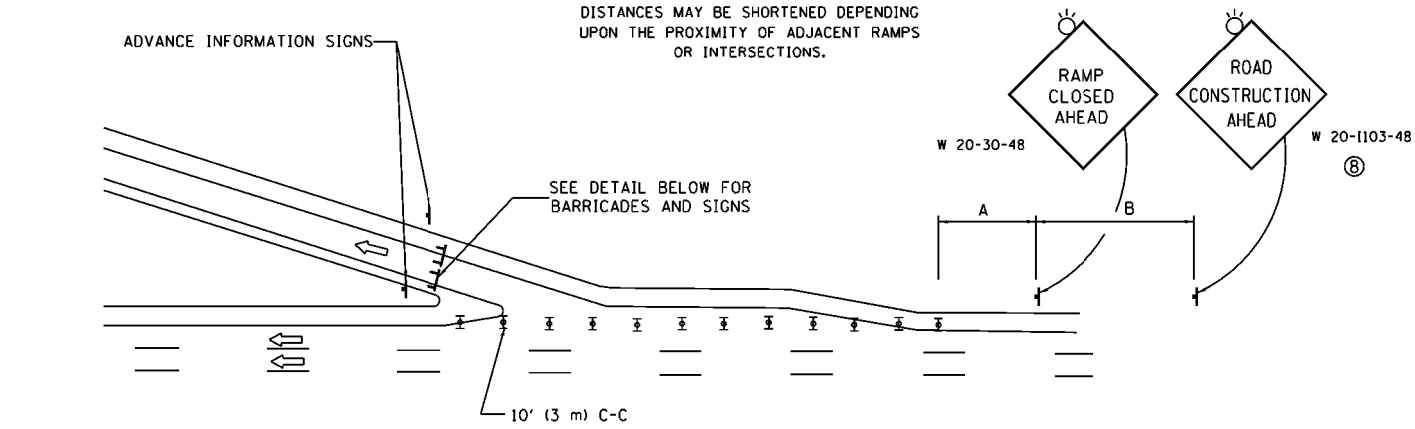


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

| FACILITY | DISTANCE BETWEEN SIGNS | |
|-------------------------|------------------------|------------------|
| | A | B |
| EXPRESSWAY >24 HOURS | 1000' (300 m) | 1500' (450 m) |
| EXPRESSWAY ≤24 HOURS | 500' (150 m) | 500' (150 m) |
| ARTERIAL 55 MPH | 500' (150 m) | 500' (150 m) |
| ARTERIAL 50-45 MPH | 350' (100 m) | 350' (100 m) |
| ARTERIAL <45 MPH | 200' (60 m) | 200' (60 m) |

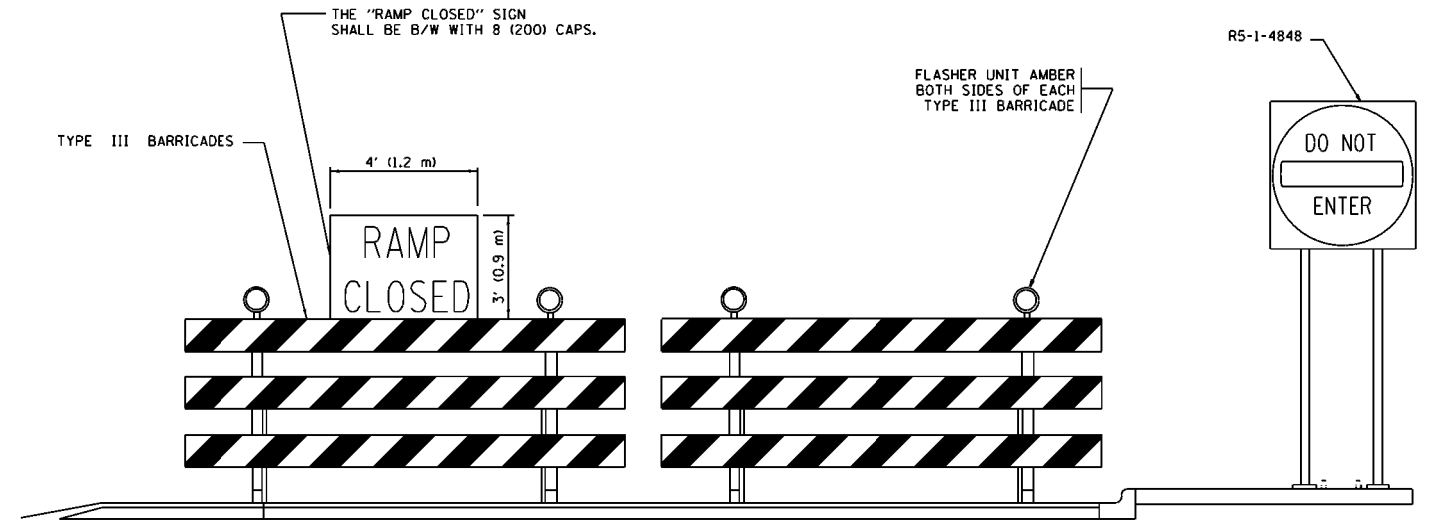
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

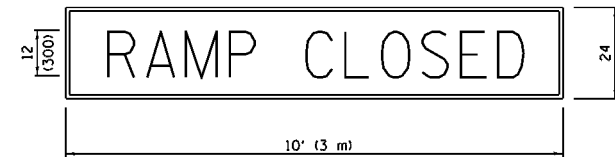
SYMBOLS

- ▬ TYPE II BARRICADE OR DRUM
- ▬ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

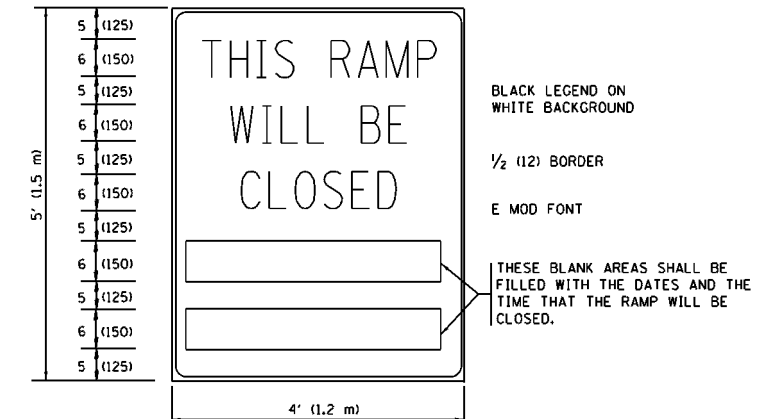
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

| | | | |
|-------------|---------------------------|-------------------|------------------------|
| FILE NAME = | USER NAME = alshawabkehym | DESIGNED - D.W.S. | REVISED - S.P.B. 01-07 |
| | | | REVISED - S.P.B. 12-09 |
| | | CHECKED - | REVISED - M.D. 06-13 |
| | | DATE - 02-83 | REVISED - M.D. 01-18 |

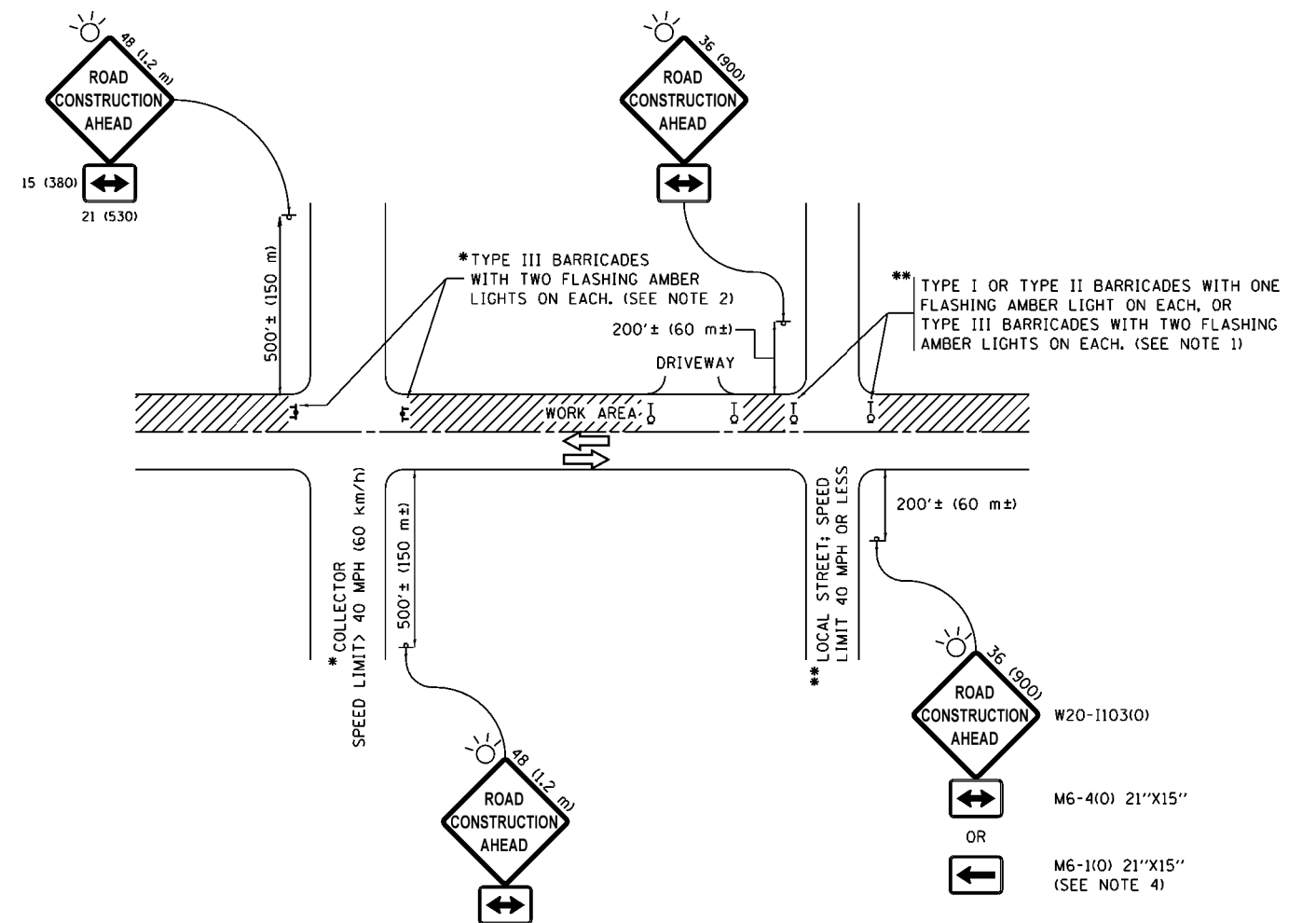
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------------------|--------------|-----------|
| 377 | 2018-102-R56SW | COOK | 83 | 76 |
| TC-08 | | CONTRACT NO. 62H45 | | |

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) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
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. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 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.

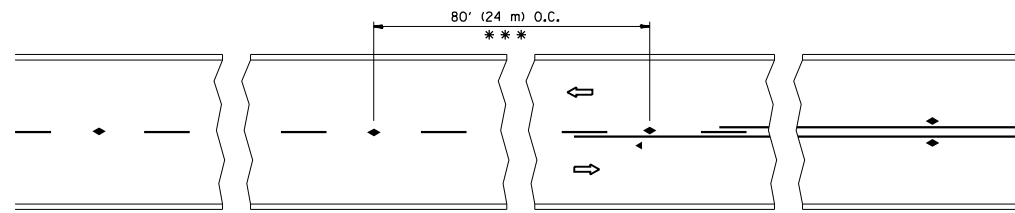
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|--|------------------------------|-------------------|---------------------------------|
| FILE NAME = | USER NAME = alshwabkehym | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
| pwi\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\010501\010501.dgn | | CHECKED - | REVISED - T. RAMMACHER 01-06-00 |
| Default | PLOT SCALE = 100.0001' / in. | DATE - 06-89 | REVISED - A. SCHUETZE 07-01-13 |
| | PLOT DATE = 3/13/2019 | | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

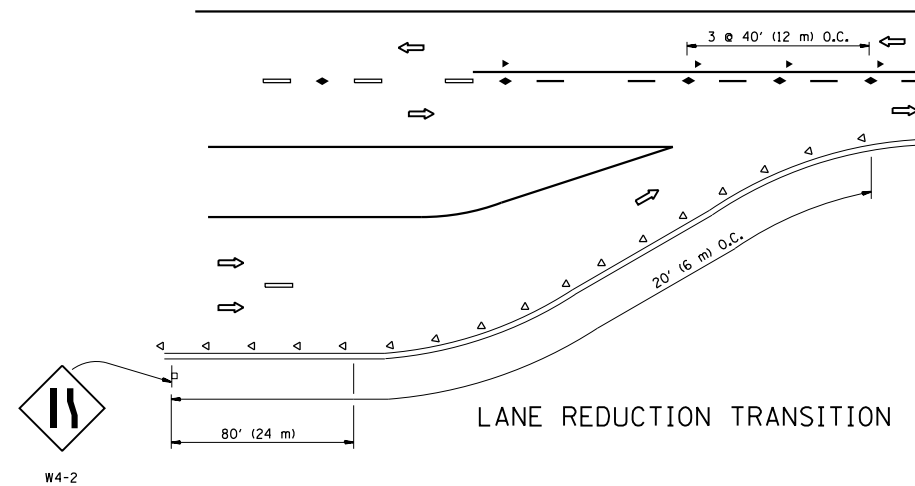
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-RS&SW | COOK | 83 | 76A |
| TC-10 | | CONTRACT NO. 62H45 | | |
| ILLINOIS FED. AID PROJECT | | | | |

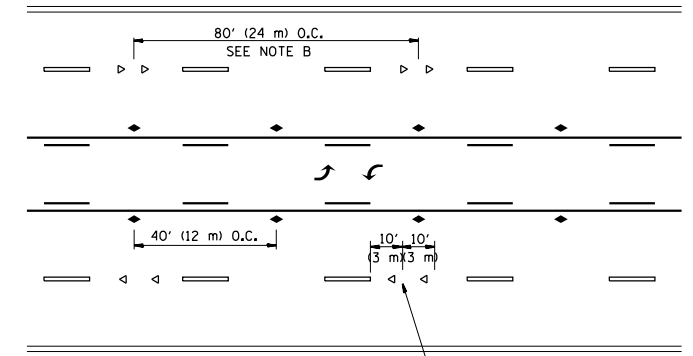


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

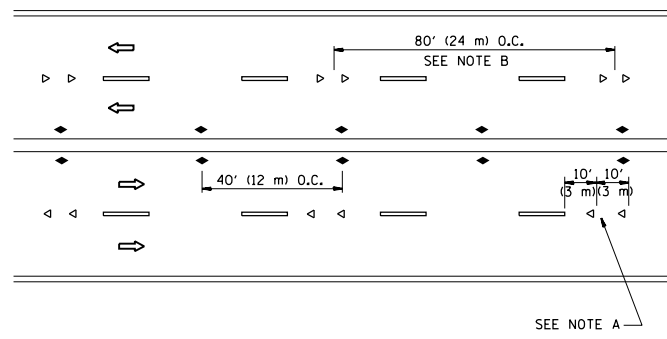
TWO-LANE/TWO-WAY



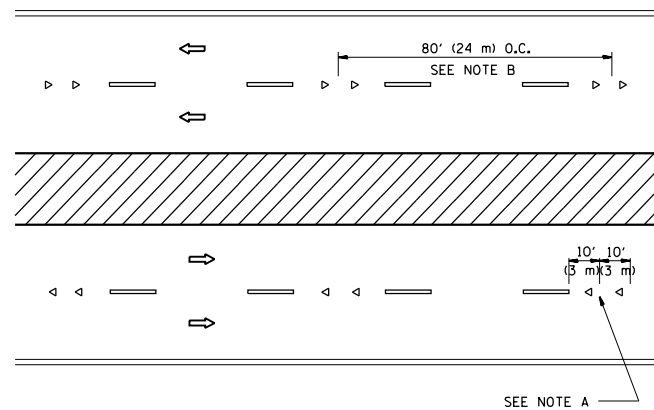
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

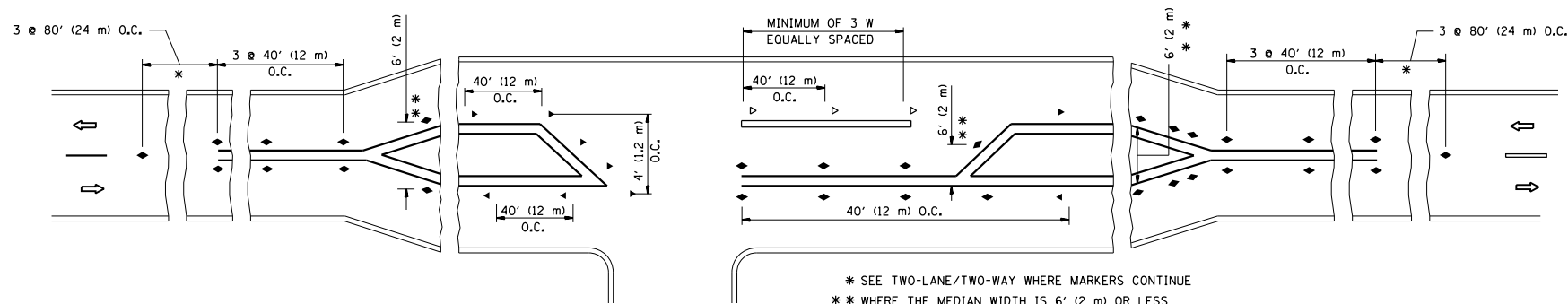
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

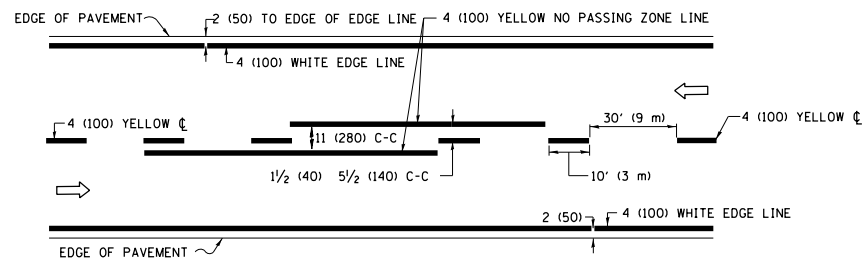
All dimensions are in inches (millimeters) unless otherwise shown.

| | | | |
|--|---------------------|------------|---------------------------------|
| FILE NAME = | USER NAME = josephm | DESIGNED - | REVISED - T. RAMMACHER 09-19-94 |
| pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI084EBID\Design\DistStd.dgn | | CHECKED - | REVISED - T. RAMMACHER 03-12-99 |
| | | DATE - | REVISED - T. RAMMACHER 01-06-00 |
| | | | REVISED - C. JUCIUS 09-09-09 |

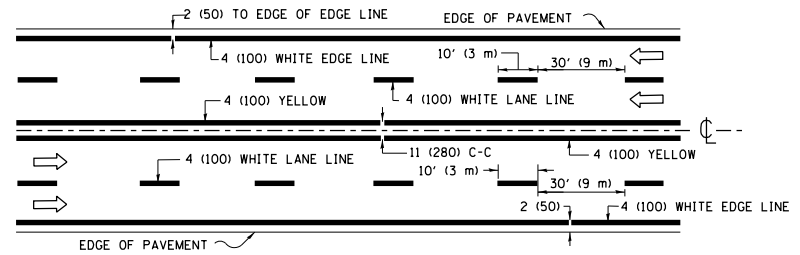
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| TYPICAL APPLICATIONS | | | |
|--|-------------------------|------|---------|
| RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) | | | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

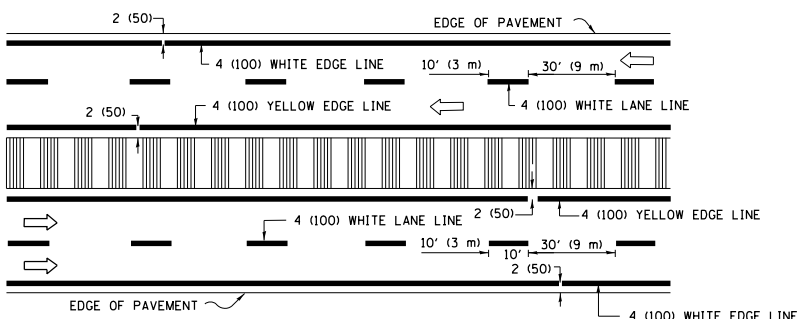
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 377 | 2018-102-R5&SW | COOK | 83 | 77 |
| TC-11 | | | CONTRACT NO. 62H45 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



2-LANE ROADWAY

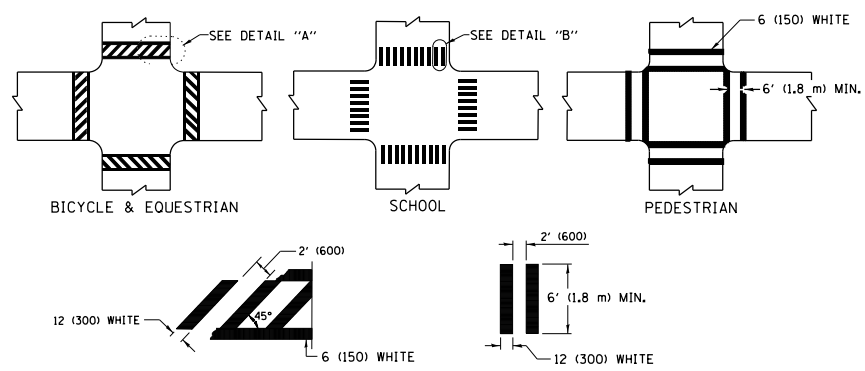


MULTI-LANE UNDIVIDED



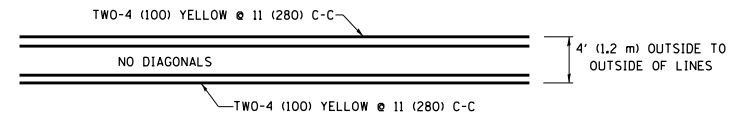
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

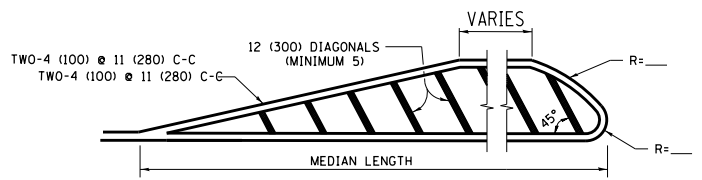


TYPICAL CROSSWALK MARKING

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

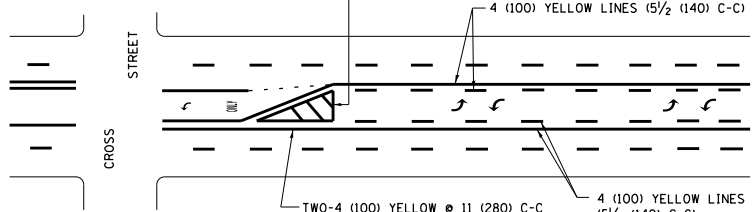


4' (1.2 m) WIDE MEDIANS ONLY



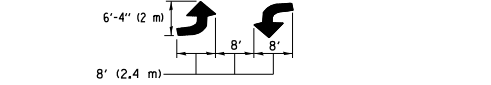
MEDIANS OVER 4' (1.2 m) WIDE

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



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

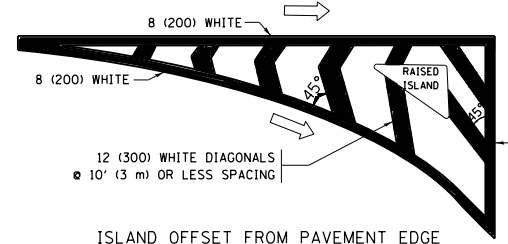
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



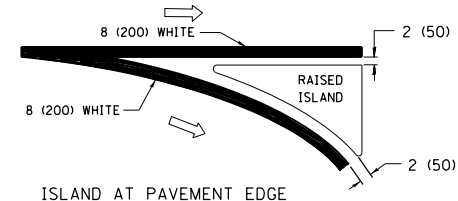
TYPICAL LEFT (OR RIGHT) TURN LANE

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

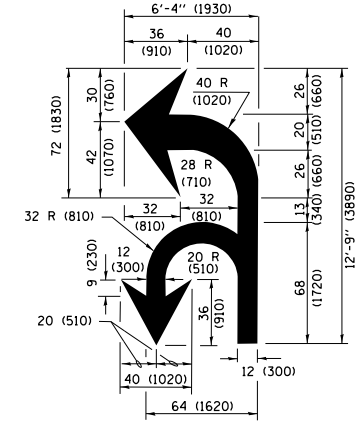
TYPICAL TURN LANE MARKING



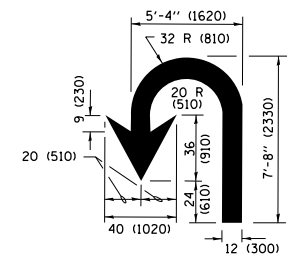
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING /REMARKS |
|---|--|------------------------------|---|--|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT WHITE-RIGHT | OUTLINE MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8') | 12 (300) @ 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h)) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.3 SF |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 30.4 SF |

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

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

| | | | |
|--|------------------------------|------------------|------------------------------|
| FILE NAME = | USER NAME = josephm | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 |
| pw\1\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\01084EBIDINTEG\Design\DistStd.dgn | | CHECKED - | REVISED - C. JUCIUS 07-01-13 |
| Default | PLOT SCALE = 100.0000' / in. | DATE - 03-19-90 | REVISED - C. JUCIUS 12-21-15 |
| | PLOT DATE = 2/6/2019 | | REVISED - C. JUCIUS 04-12-16 |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

| | | | |
|---|---------|-------------|--------------|
| DISTRICT ONE TYPICAL PAVEMENT MARKINGS | | | |
| SCALE: NONE | SHEET 1 | OF 1 SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|------------------------|--------------------|-----------------|--------------|
| F.A.P. RTE. 377 | SECTION 2018-102-R5&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 78 |
| TC-13 | | CONTRACT NO. 62H45 | | |
| ILLINOIS FED. AID PROJECT | | | | |

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

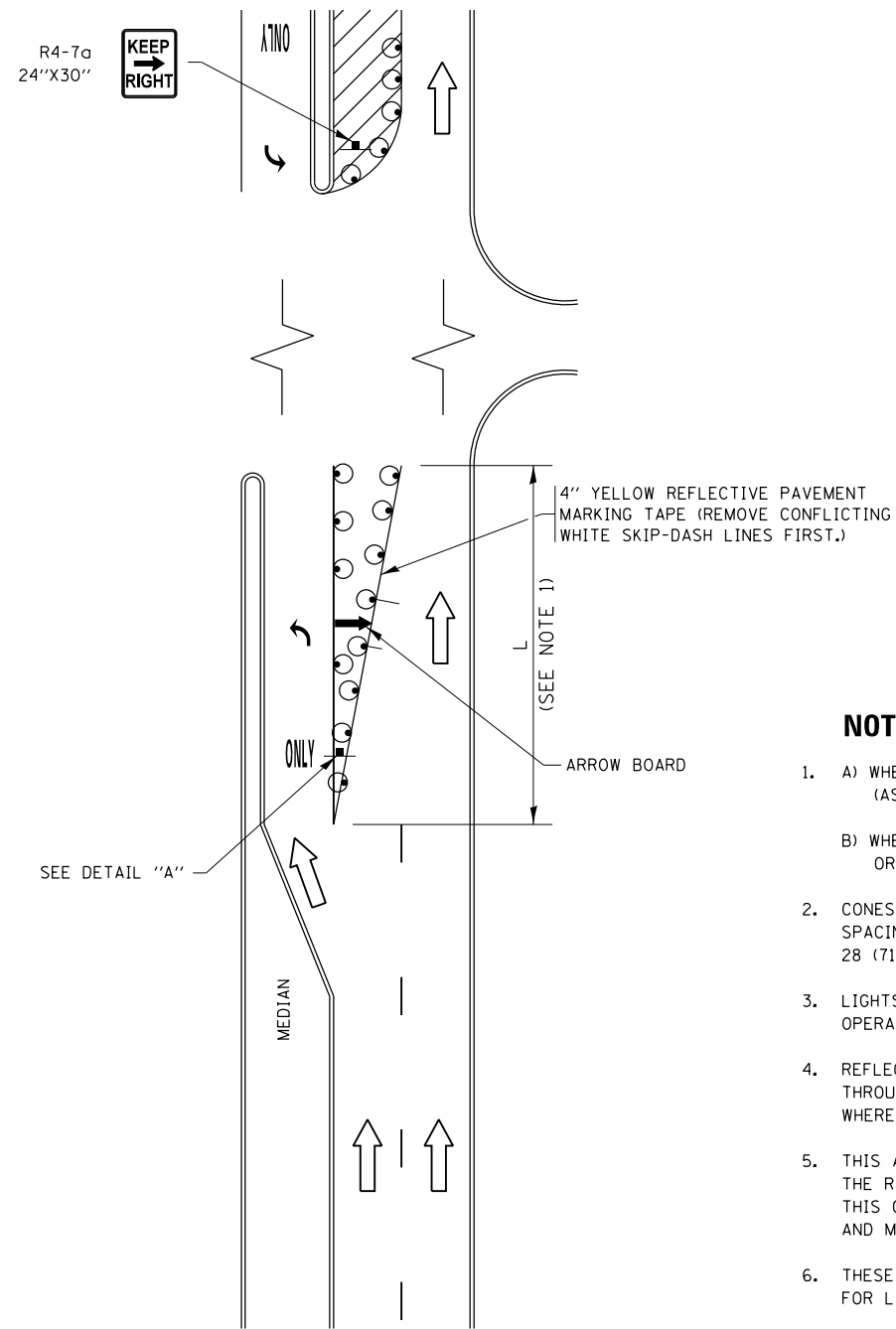


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

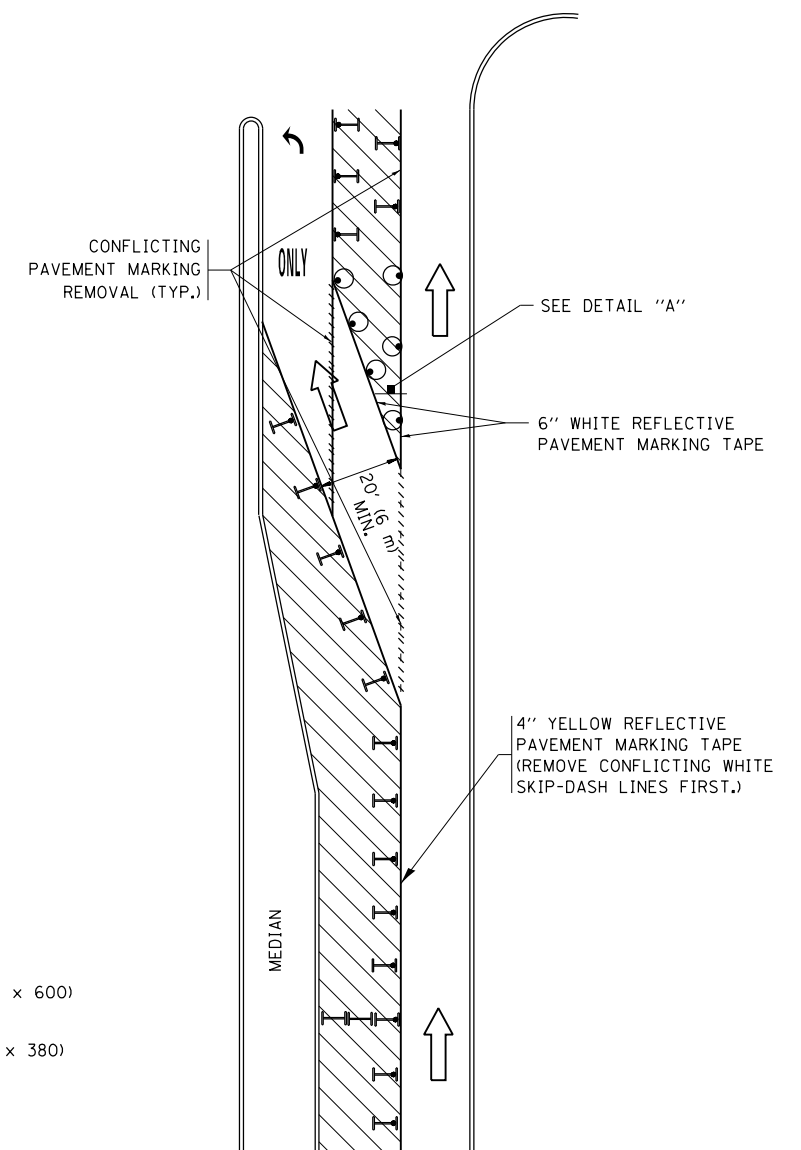


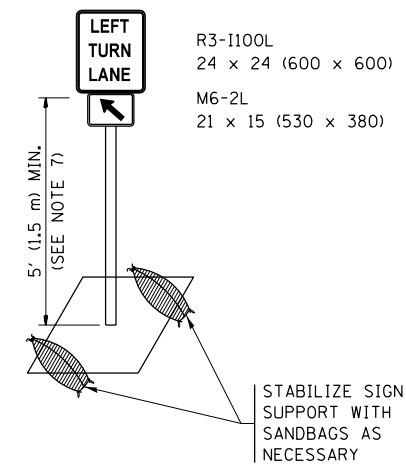
FIGURE 2

LEGEND

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

NOTES:

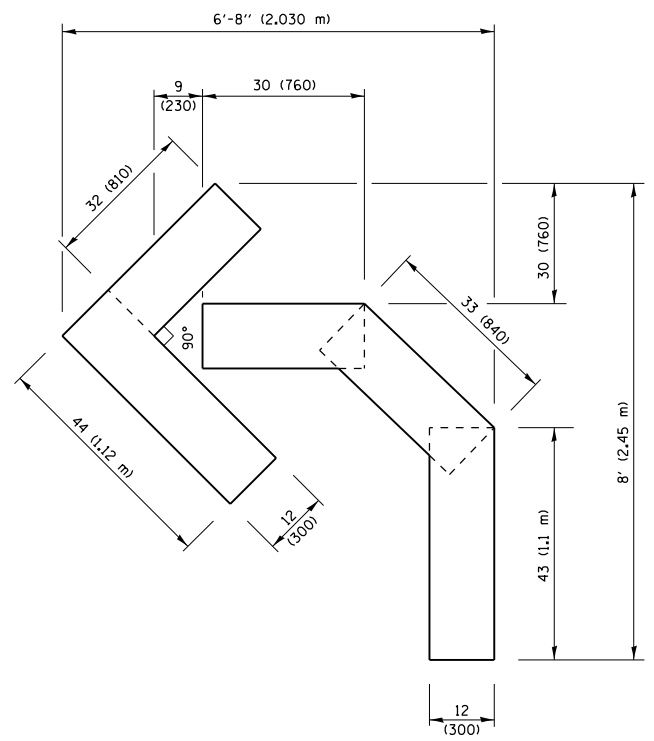
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.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



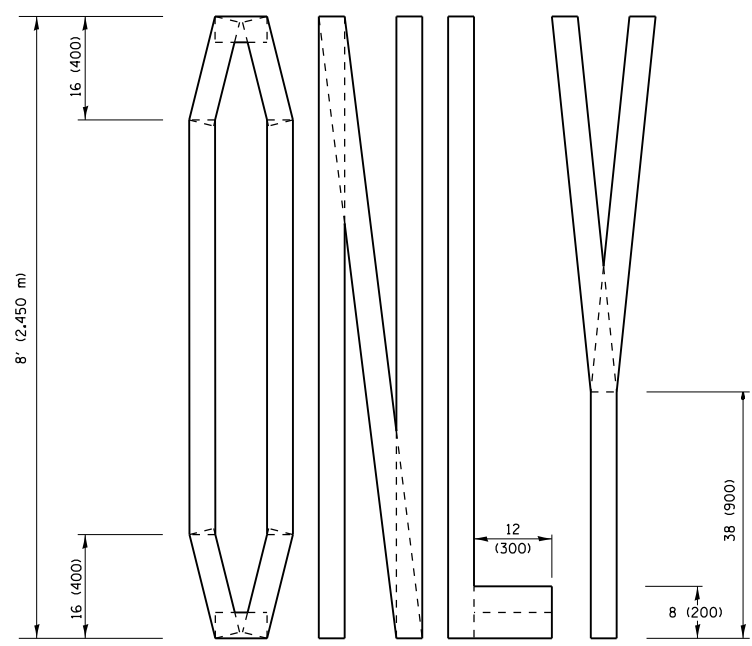
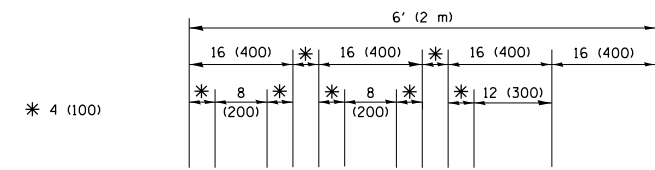
DETAIL A

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

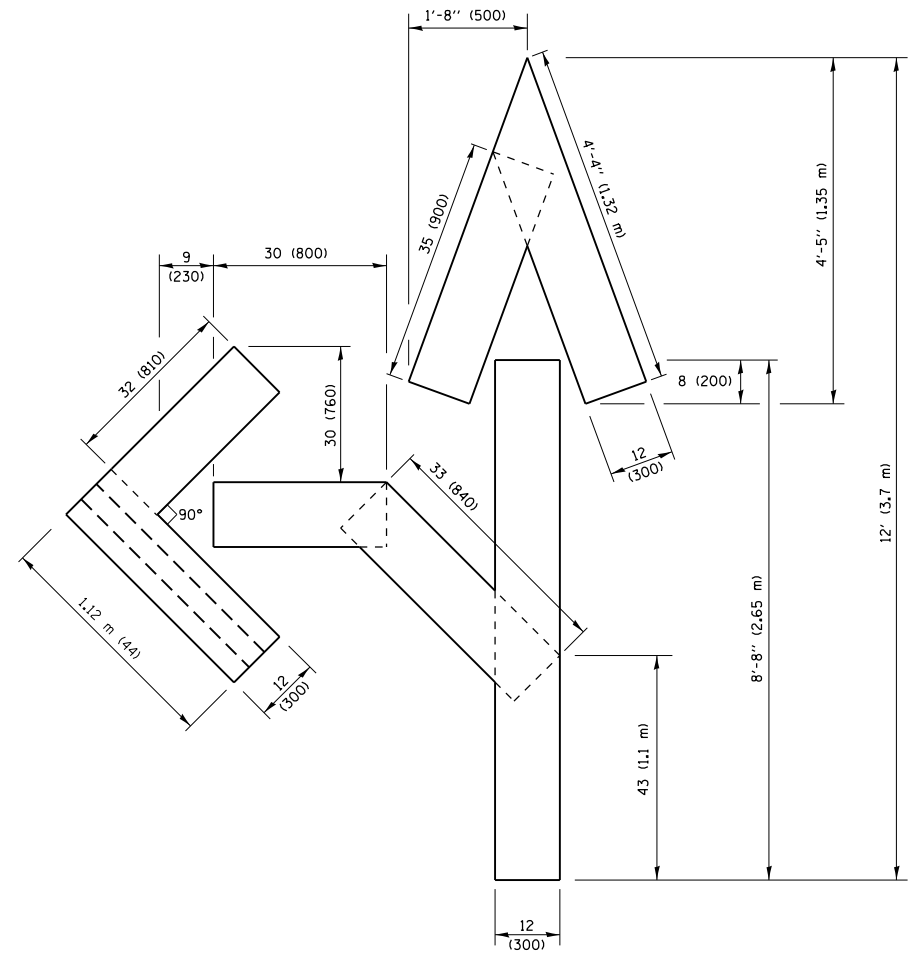
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|-------------|------------------------------|---------------------------------|--------------------------------|---|--|-------------------|------------------------|---------------------------|-----------------|--------------|--------------------|
| FILE NAME = | USER NAME = josephm | REVISED - T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) | F.A.P. R.T.E. 377 | SECTION 2018-102-R5&SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 79 | |
| Default | PLOT SCALE = 100.0000' / in. | REVISED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 | | | SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA. | TC-14 | | CONTRACT NO. 62H45 |
| | PLOT DATE = 2/6/2019 | REVISED - T. RAMMACHER 01-06-00 | REVISED - | | | | | ILLINOIS FED. AID PROJECT | | | |
| | | | | | | | | | | | |



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

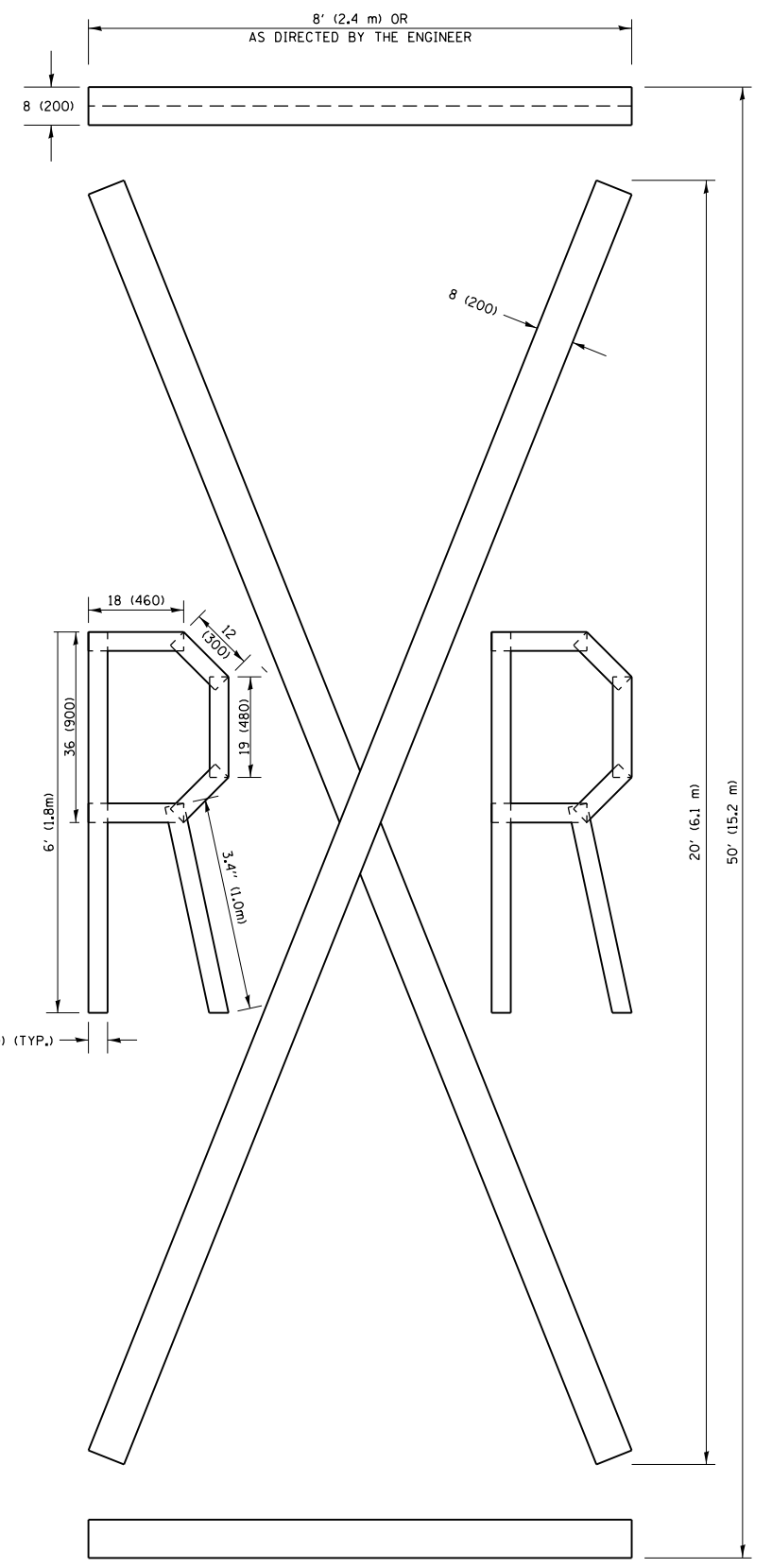


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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.

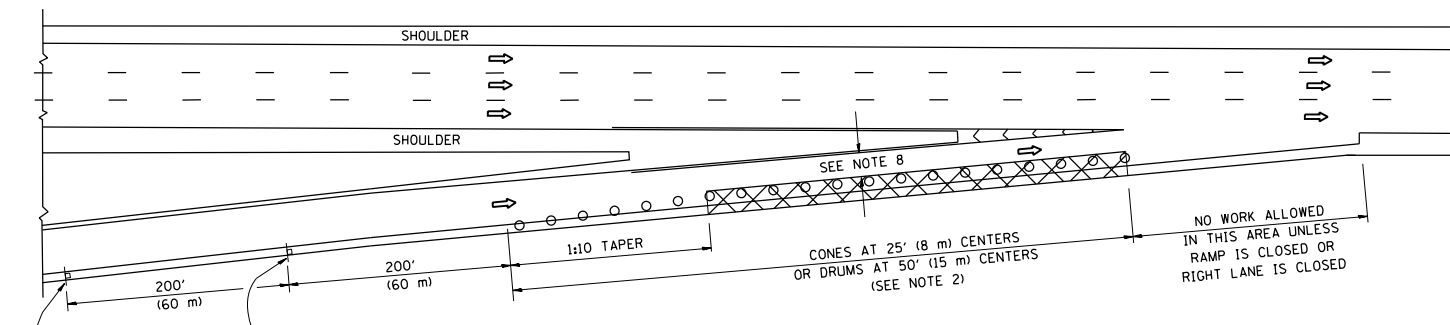
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| p:\1\1084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI103\Drawings\Design\DistStd.dgn | | CHECKED - | REVISED - E. GOMEZ 08-28-00 |
| | | DATE - | REVISED - E. GOMEZ 08-28-00 |
| | | | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

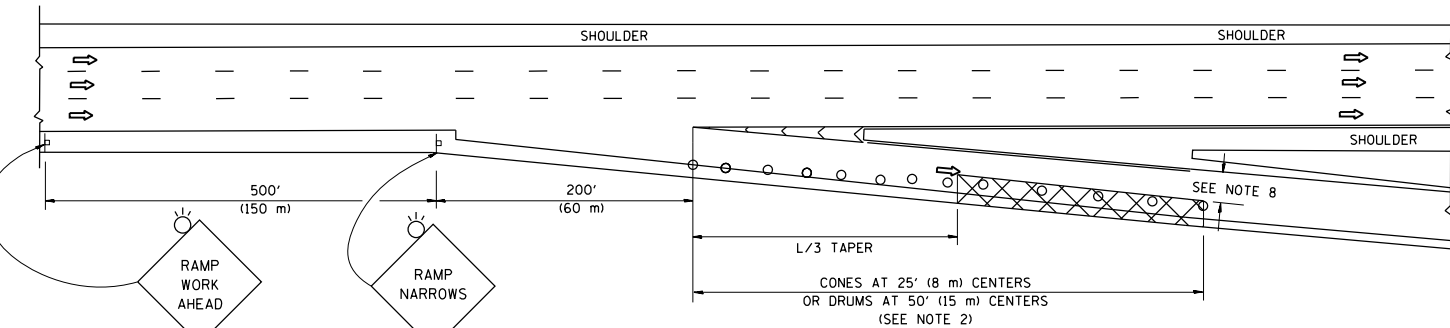
| | | | |
|--|-------------------------|------|---------|
| SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS | | | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

| | | | | |
|---|----------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-R5&SW | COOK | 83 | 80 |
| TC-16 | | CONTRACT NO. 62H45 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

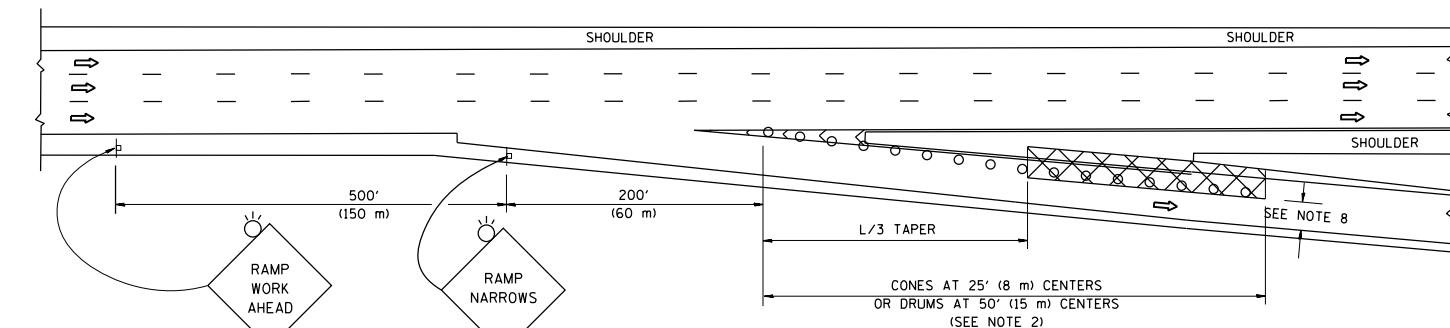
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

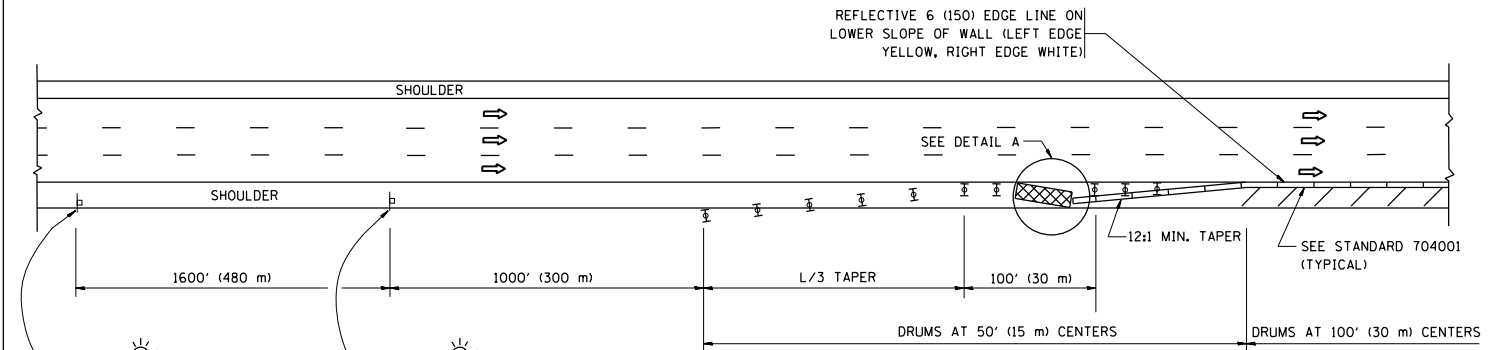
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

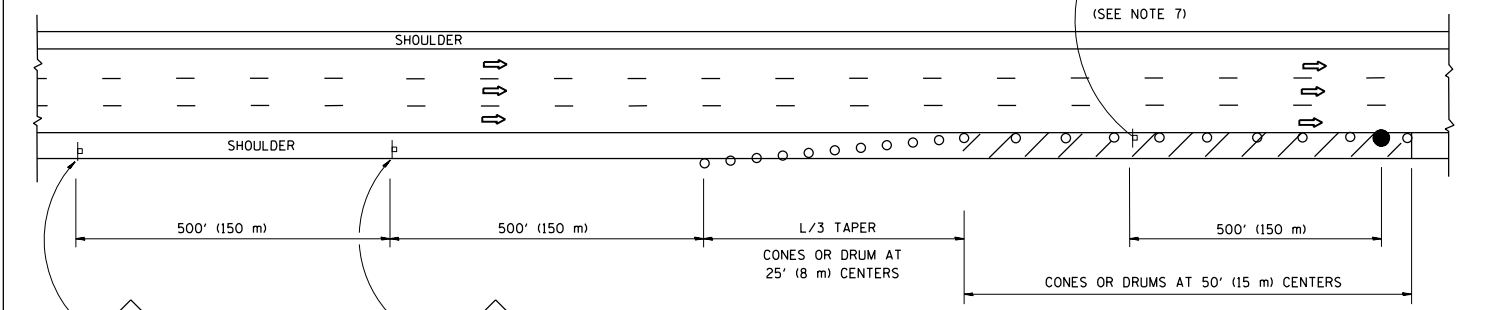
| | |
|------------------|---------------------------|
| SPEED LIMIT | FORMULAS |
| 45 mph (80 km/h) | METRIC ENGLISH |
| OR GREATER: | $L=0.65(W)(S)$ $L=(W)(S)$ |

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

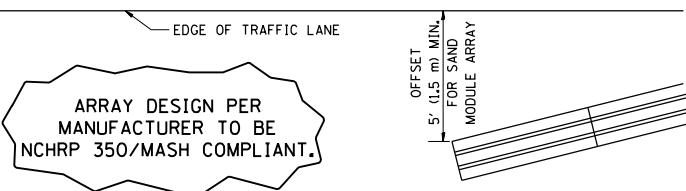


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

- THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUCH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCRUCHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
 16' MIN. WIDTH CURVE SECTION.

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

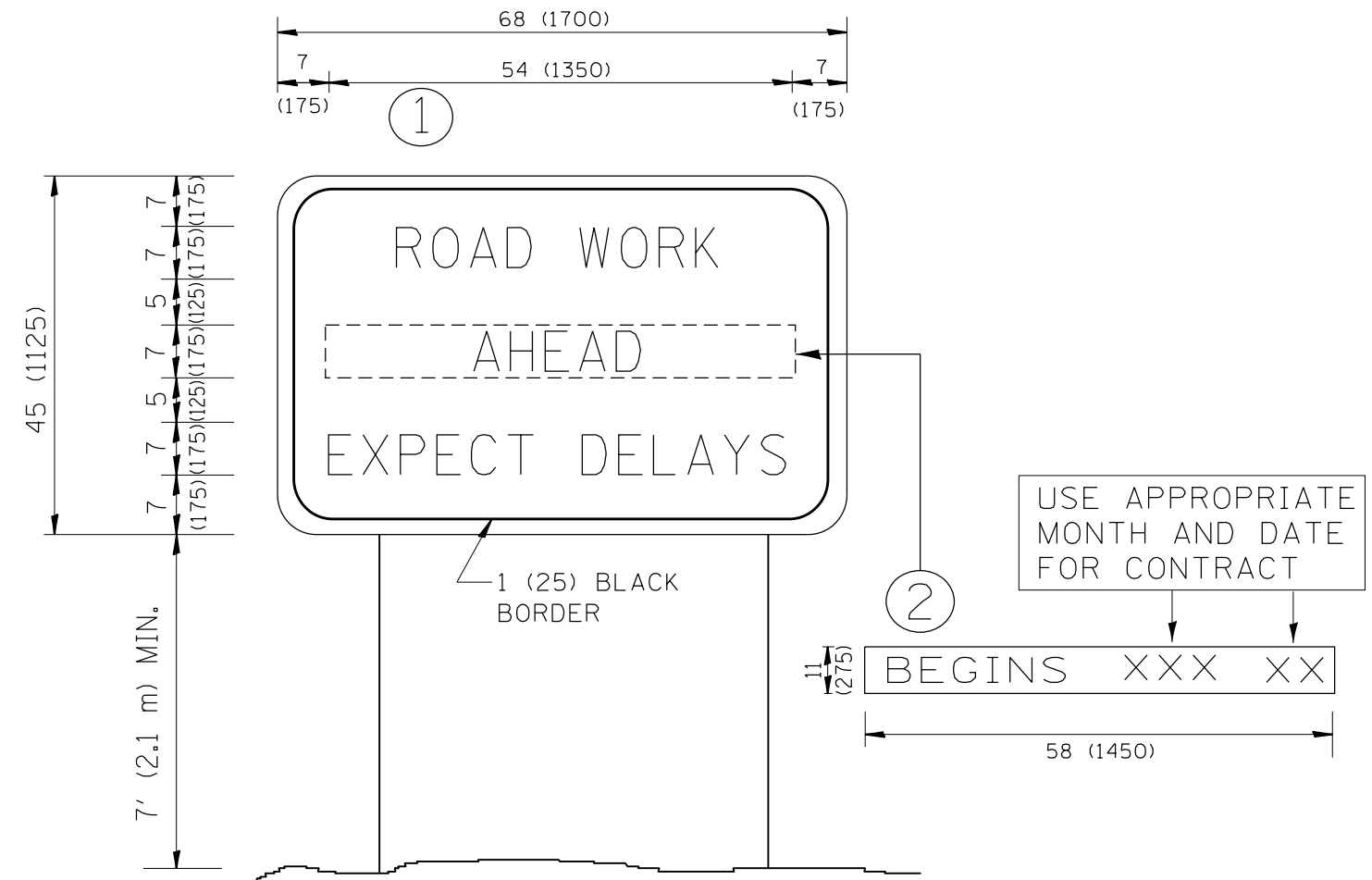
| | | | |
|--|---------------------|--------------|------------------------|
| FILE NAME = | USER NAME = josephm | DESIGNED - | REVISED - S.P.B. 01-07 |
| pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI0300\Drawings\Design\DWG\Std.dgn | | CHECKED - | REVISED - S.P.B. 12-09 |
| Default | | DATE - 11-96 | REVISED - M.D. 06-13 |
| | | | REVISED - M.D. 01-18 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 377 | 2018-102-R5&SW | COOK | 83 | 81 |
| TC-17 | | CONTRACT NO. 62H45 | | |
| ILLINOIS FED. AID PROJECT | | | | |

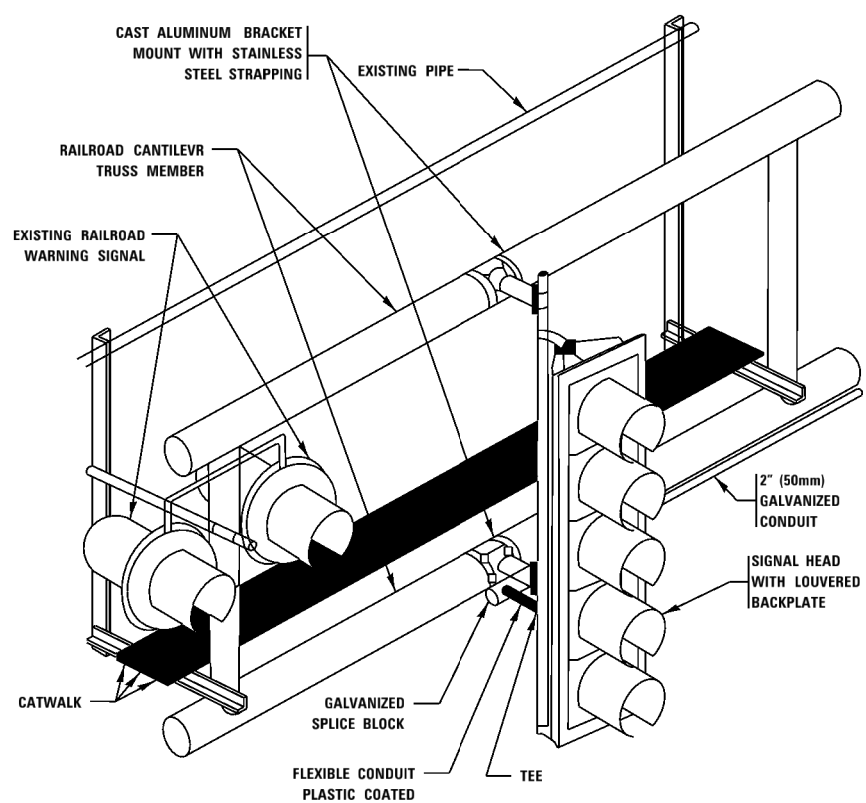


NOTES:

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

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

| | | | | | | | | | | |
|---|---------------------|-------------------------------|---------------------------------|---|---|--------------|----------------|---------------------------|--------------|--------------|
| FILE NAME = | USER NAME = josephm | DESIGNED - | REVISED - R. MIRS 09-15-97 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ARTERIAL ROAD INFORMATION SIGN | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| p:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\DI084EBIDINTEG\Design\DistStd.dgn | | CHECKED - | REVISED - R. MIRS 12-11-97 | | | 377 | 2018-102-R5&SW | COOK | 83 | 82 |
| | | PLOT SCALE = 100.0000' / 1in. | REVISED - T. RAMMACHER 02-02-99 | | | TC-22 | | CONTRACT NO. 62H45 | | |
| | | PLOT DATE = 2/6/2019 | REVISED - C. JUCIUS 01-31-07 | | | SCALE: NONE | | SHEET NO. 1 OF 1 SHEETS | | STA. TO STA. |



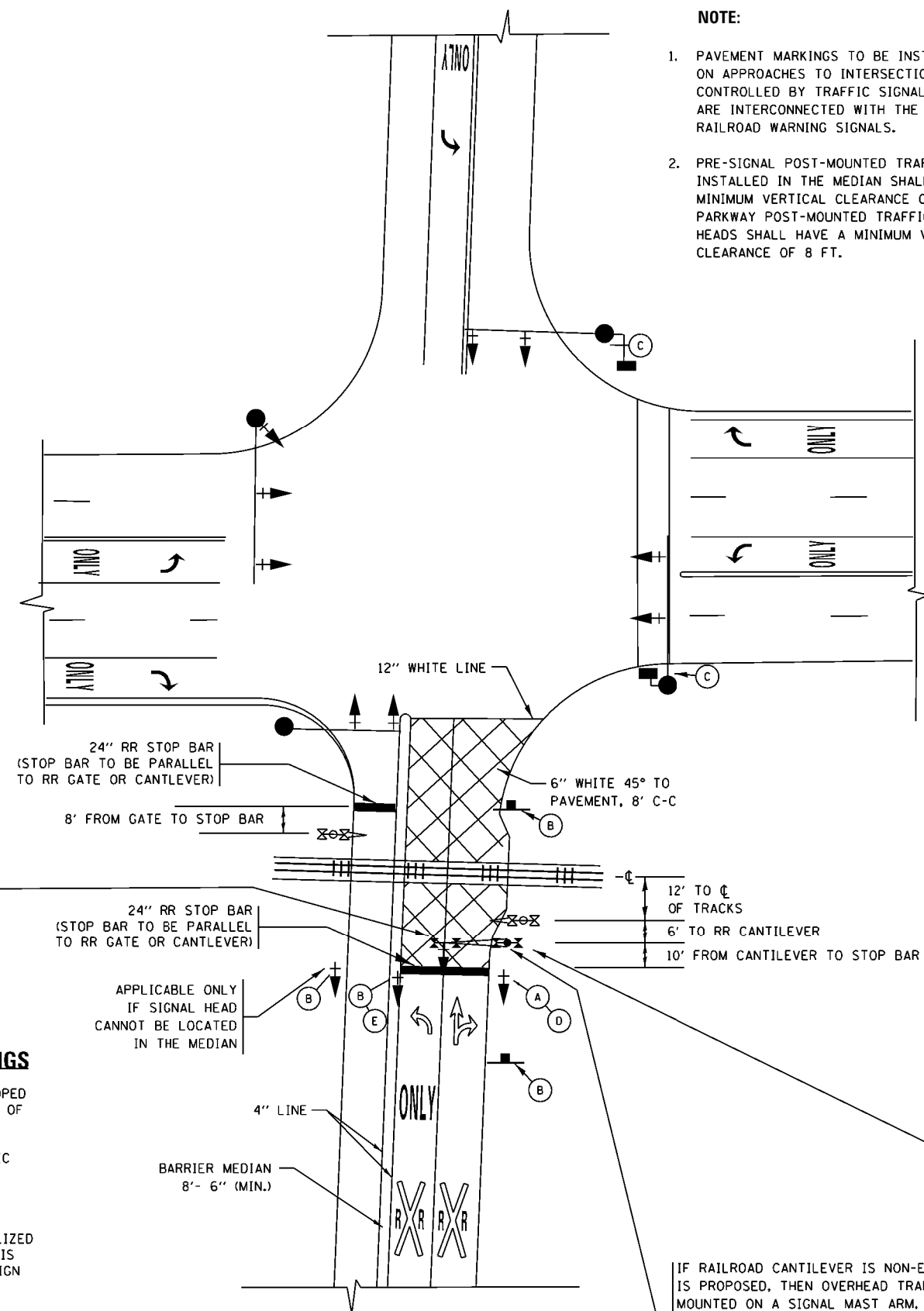
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

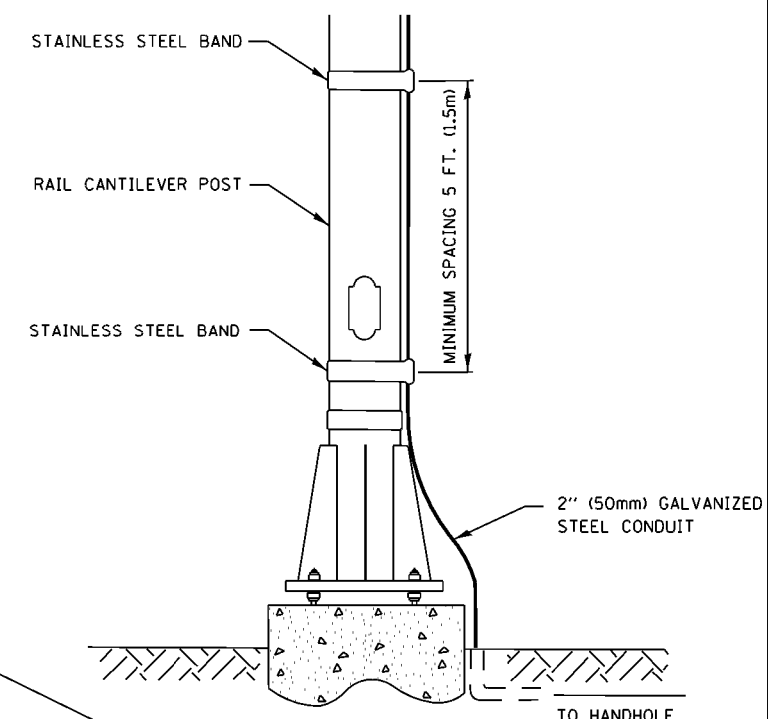
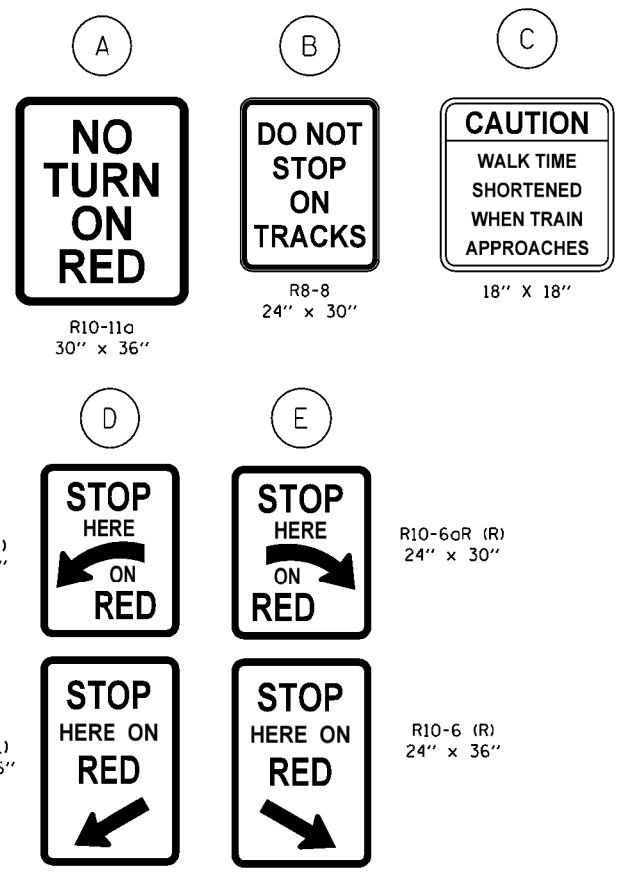
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

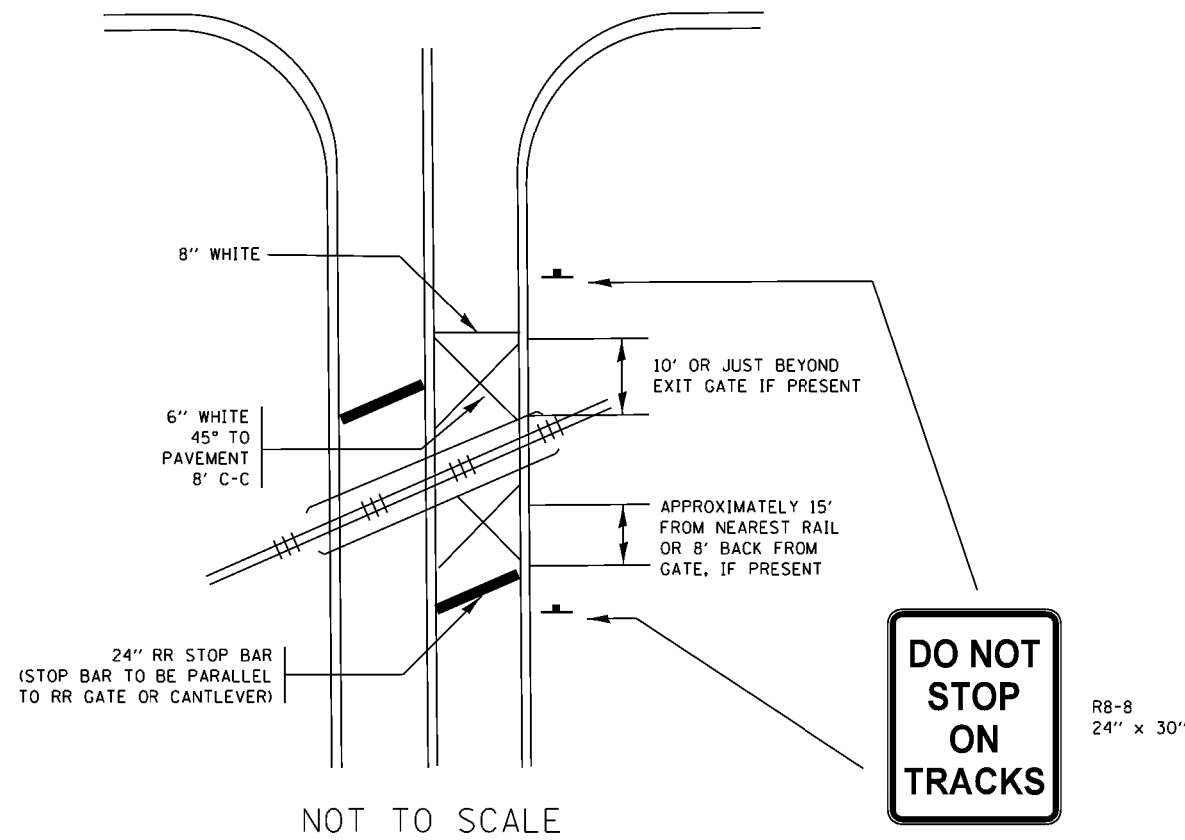
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

| | | | | | | | | | | |
|--|---------------------------|------------|-------------------------|---|---|--------------|----------------|---------------------------|--------------|--------------|
| FILE NAME = | USER NAME = alshawabkehgm | DESIGNED - | REVISED - 02-25-11 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\planroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\010501\010501\Design\DistStd.dgn | | REVISOR - | REVISED - 04-26-12 | | | 377 | 2018-102-R56SW | COOK | 83 | 82A |
| Default | | CHECKED - | REVISED - A.R. 07-11-16 | | | TC-23 | | CONTRACT NO. 62H45 | | |
| | | DATE - | REVISED - | | | SCALE: NONE | | SHEET 1 OF 2 SHEETS | | STA. TO STA. |

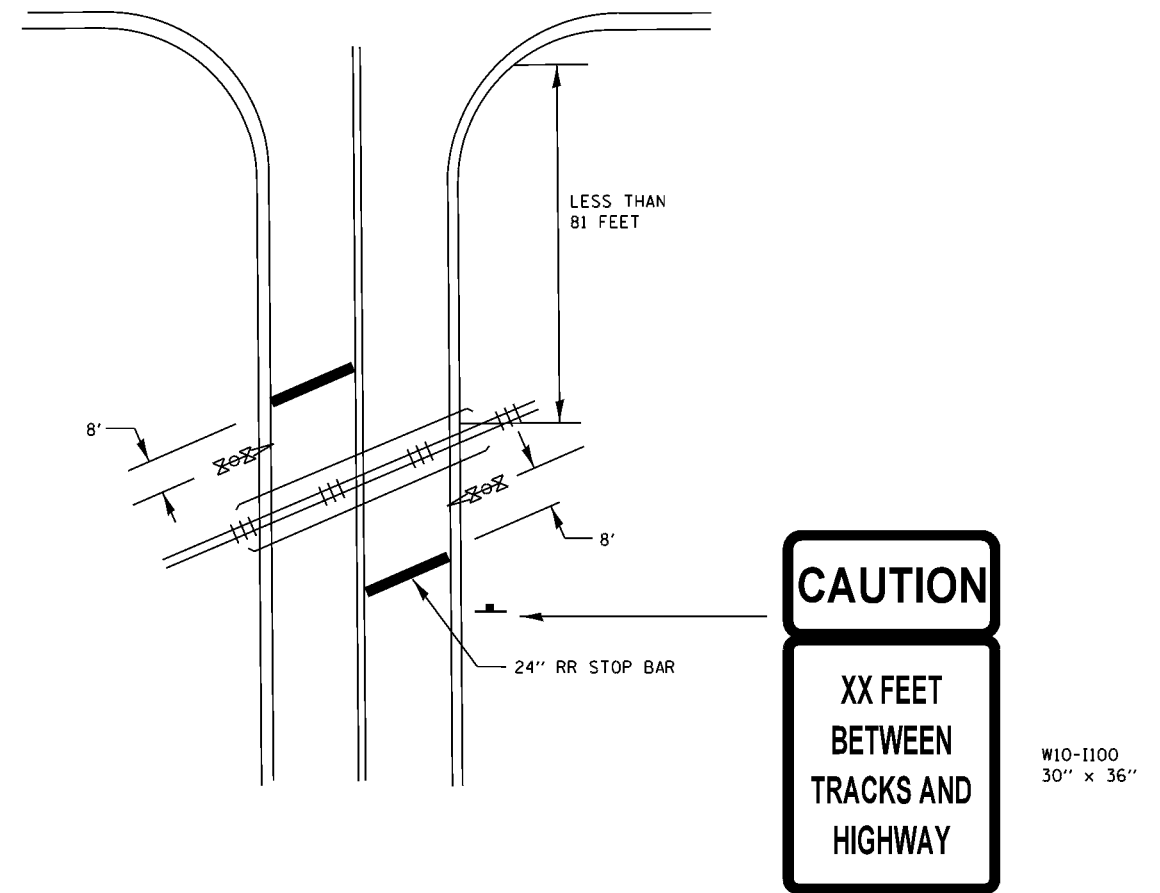
TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

WITH SIGNALIZED INTERSECTION



- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

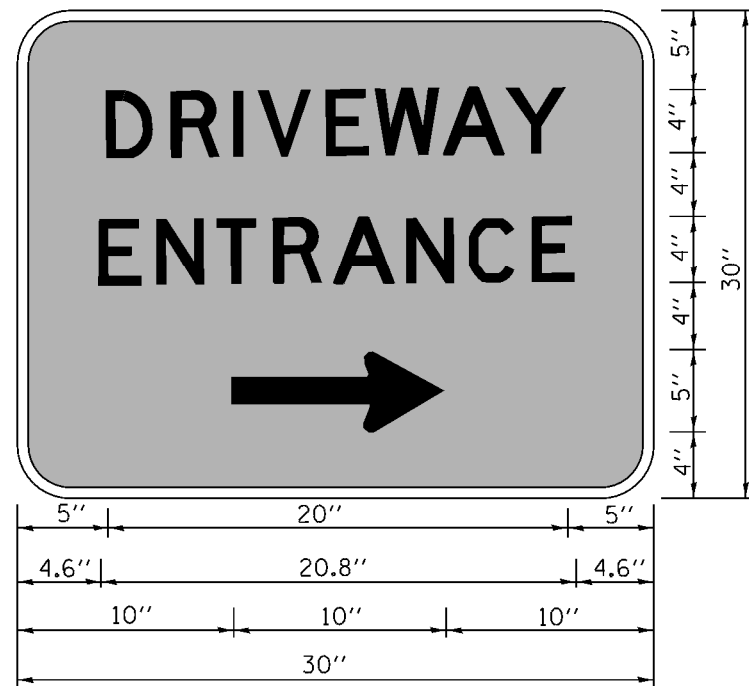
WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



- NOTE:**
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

| | | | | | | | | | | | |
|-------------|---------------------------|------------|-------------------------|---|---|---------------------------|------------------------|-------------|-----------------|---------------|--------------------|
| FILE NAME = | USER NAME = alshawabkehym | DESIGNED - | REVISED - 02-25-11 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS | F.A.P. RTE. 377 | SECTION 2018-102-R56SW | COUNTY COOK | TOTAL SHEETS 83 | SHEET NO. 82B | |
| | | DRAWN - | REVISED - 04-26-12 | | | SCALE: NONE | SHEET 2 | OF 2 | SHEETS STA. | TO STA. | CONTRACT NO. 62H45 |
| | | CHECKED - | REVISED - A.R. 07-11-16 | | | ILLINOIS FED. AID PROJECT | | | | | |
| Default | PLOT DATE = 3/13/2019 | DATE - | REVISED - | | | | | | | | |



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".

| | | | |
|---|-------------------------------|------------|------------------------------|
| FILE NAME = | USER NAME = alshawabkehgm | DESIGNED - | REVISED - C. JUCIUS 02-15-07 |
| p:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\010501\010501\010501\Design\DistStd.dgn | | CHECKED - | REVISED - |
| | PLOT SCALE = 100.0000' / 1in. | DATE - | REVISED - |
| | PLOT DATE = 3/13/2019 | | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

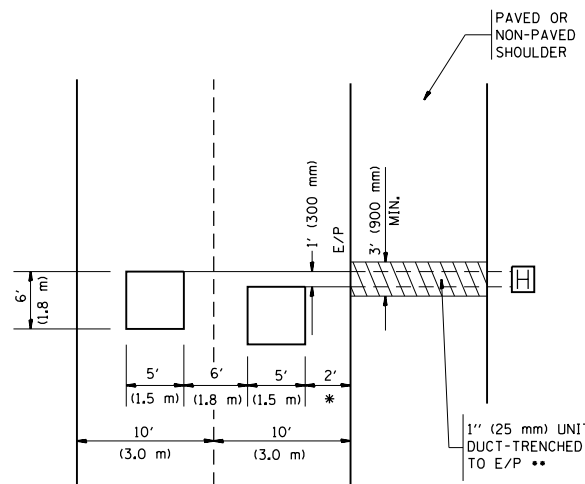
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 377 | 2018-102-R56SW | COOK | 83 | 82C |
| TC-26 | | | CONTRACT NO. 62H45 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

LOOPS NEXT TO SHOULDERS

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



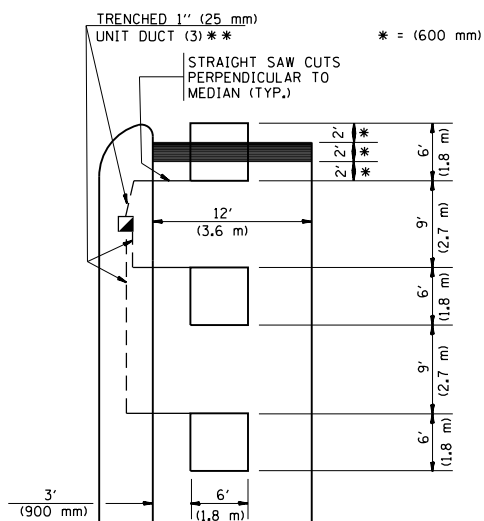
* = (600 mm)

** 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.

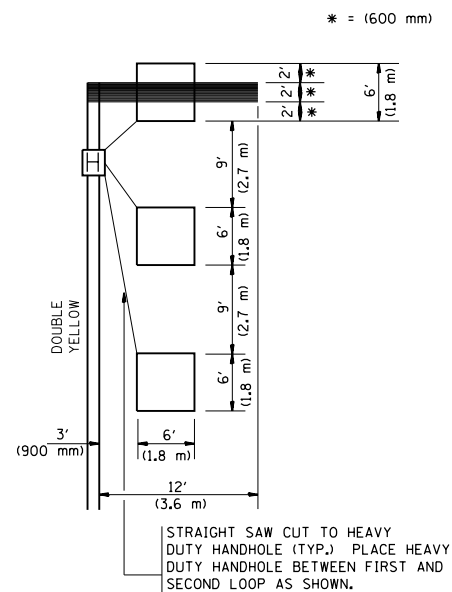


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

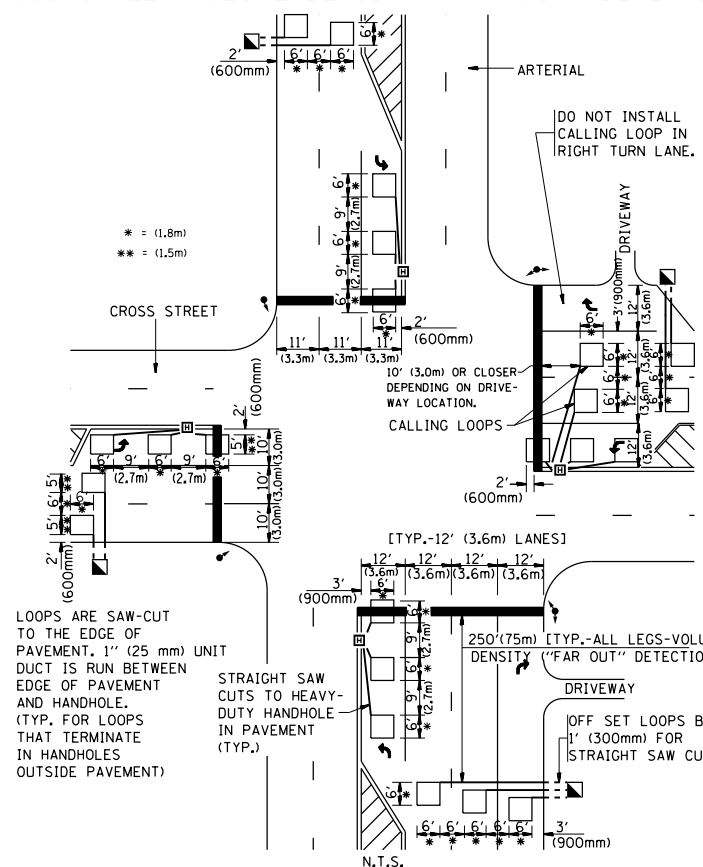
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



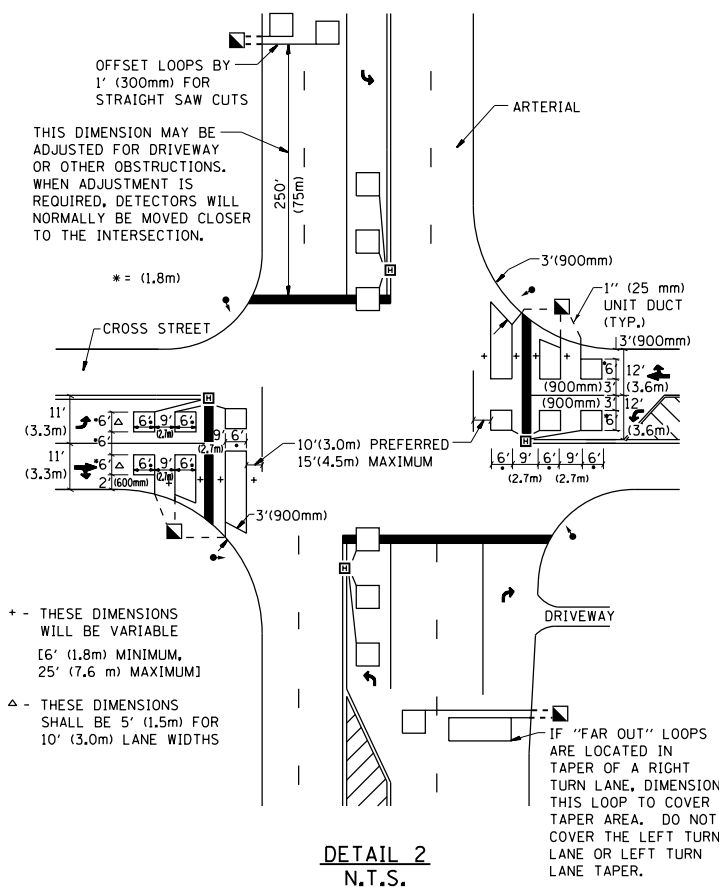
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

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 SEPARATELY. 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.

| | | | | | | | | | | | | |
|--|---------------------|------------------|-----------|---|--|-------------------------|------|---------------------------|---|--------|--------------|-----------|
| FILE NAME = | USER NAME = josephm | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| p:\11\084EBID\INTEG\11inois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI030\Drawings\Design\DistStd.dgn | | CHECKED - R.K.F. | REVISED - | | 377 | 2018-102-R5&SW | COOK | 83 | 83 | | | |
| PLOT SCALE = 100.0000' / 1in. | | DATE - | REVISED - | | TS-07 | | | CONTRACT NO. 62H45 | | | | |
| PLOT DATE = 2/6/2019 | | | | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | |