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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SPEED LIMIT = 35-45 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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

PROJECT ENGINEER: ALAIN MIDY (847) 221-3056

PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

PROJECT BEGINS STA 12+90

TRAFFIC DATA 2014 ADT = 45,000

THIS PROJECT IS LOCATED IN THE VILLAGES OF PALATINE AND ARLINGTON HEIGHTS

F.A.P. ROUTE 305: PALATINE ROAD
US 14 (NORTHWEST HIGHWAY) TO US 12 (RAND ROAD)

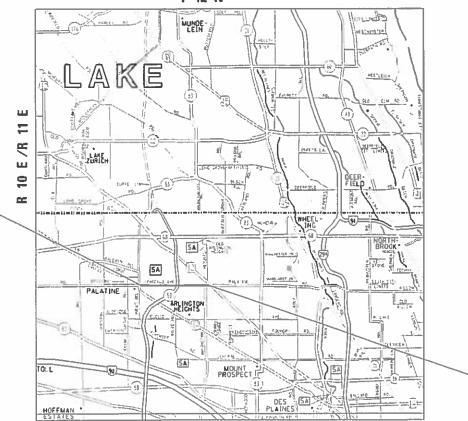
SECTION: 2018-098-RS&SW PROJECT: NHPP-IDYP(407)

RESURFACING (3P)/PEDESTRIAN RAMPS

COOK COUNTY

C-91-251-19

T 42 N



PALATINE AND WHEELING TOWNSHIPS

GROSS & NET LENGTH OF IMPROVEMENT = 15,470 FT. = 2.93 MILES

CONTRACT NO. 62H47

OR 811

0

| CAPPA | STAY | MANAGEMENT | LETTER | STATE |

m

COOK

2018-098-8555W

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURMITTED OCTOGER 1620 18

PROJECT ENDS STA 167 + 60 LOCATION OF SECTION INDICATED THUS: -

Dee 20 18 REGIONAL ENGINEER

ENGINEER OF DESIGN AND ENVIRONMEN

PRINTED BY THE AUTHORITY

OF THE STATE OF ILLINOIS

INDEX OF SHEETS

| SHEET _NO. | DESCRIPTION |
|-------------------------|---|
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| 6-7 | TYPICAL SECTIONS |
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| 31 | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC (TC-14) |
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| 35 | DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07) |

STATE STANDARDS

| STANDARD NO | DESCRIPTION |
|-------------|--|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424006-04 | DIAGONAL CURB RAMPS FOR SIDEWALKS |
| 424011-04 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 424016-05 | MID-BLOCK CURB RAMPS FOR SIDEWALKS |
| 424021-05 | DEPRESSED CORNER FOR SIDEWALKS |
| 442201-03 | CLASS C AND D PATCHES |
| 604001-04 | FRAME AND LIDS, TYPE 1 |
| 606001-07 | COMBINATION CONCRETE CURB AND GUTTER |
| 606301-04 | PCC ISLANDS & MEDIANS |
| 606306-04 | CORRUGATED PCC MEDIANS |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' TO 2' FROM PAVEMENT EDGE |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 |
| 701426-09 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS λ 45 |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \$ 40 |
| 701601-10 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON-TRAVERSABLE MEDIAN |
| 701606-10 | LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-06 | LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| | |

GENERAL NOTES:

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF PALATINE AND ARLINGTON HEIGHTS.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS
OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 11/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 40 MPH (80KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 KM/H), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND
REVISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT DON.CHIARUGI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT CORY, JUCIUS EILLINOIS, GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

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

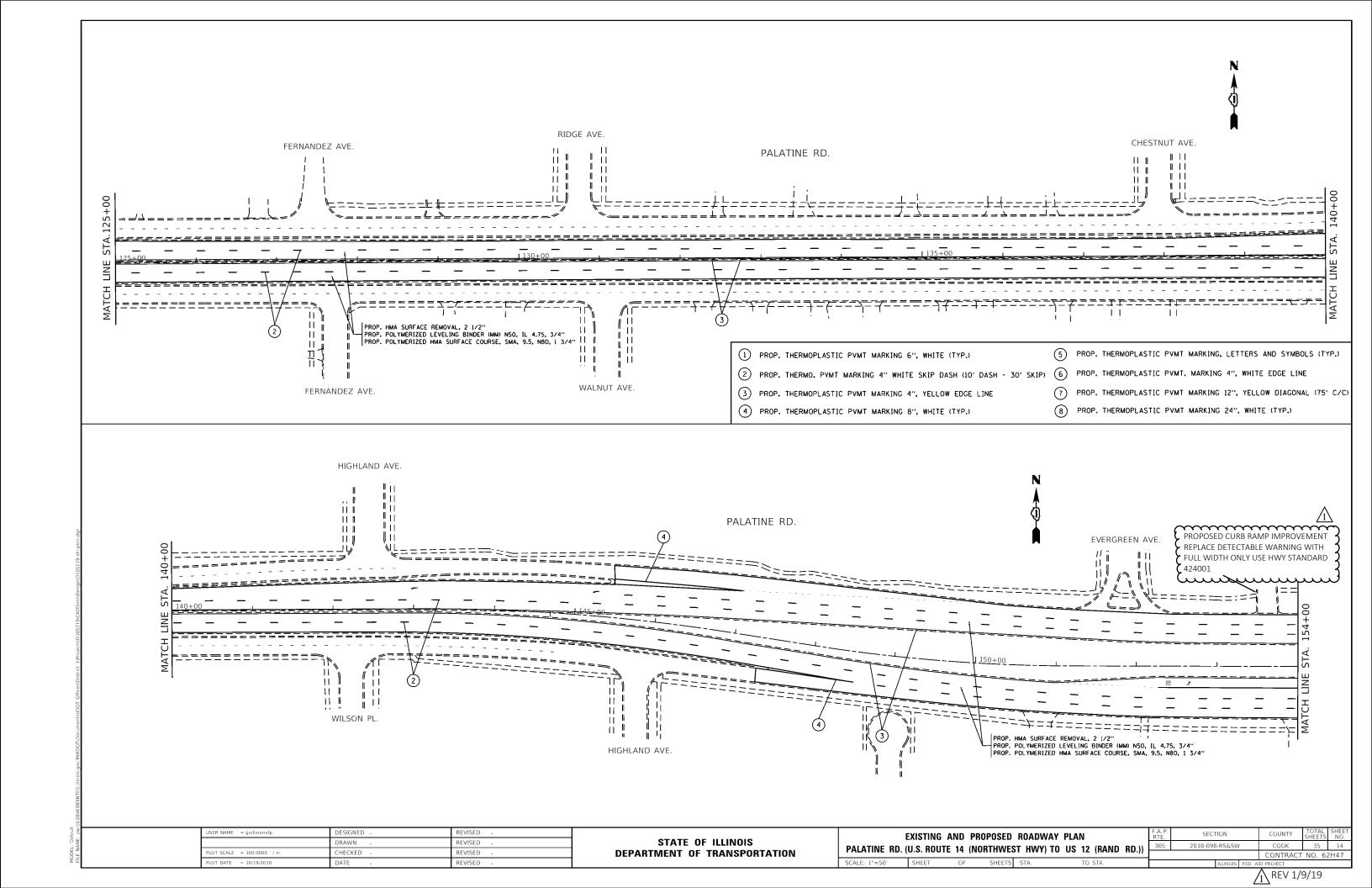
PAVEMENT MARKING TAPE TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKING ON FINAL SURFACES.

TO STA.

| FILE NAME = | USER NAME = guillaumafp | DESIGNED - | REVISED - |
|---|--|------------|-----------|
| pw:\\IL084EBIDINTEG.:111:no:s.gov:PWIDOT\Do | uments\IDOT Offices\District I\Projects\DI05 | REVISED - | |
| | PLOT SCALE = 100.0000 '/ 10. | CHECKED - | REVISED - |
| Default | PLOT DATE = 10/19/2018 | DATE | REVISED - |

SCALE:

| | SUMMARY OF QUANTITIES | | URBAN | | CON | NSTRUCTIO | N TYPE CO | DDE | 5 | | SUMMAF | RY OF QUANTITIES | | URBAN | | CON | STRUCTION TYPE | CODE | |
|---------------------|--|---------------------|---------------------|---|-------------|-----------|-----------|---------|-----------|------------------------|--|-----------------------------|----------|---------------------|---|---|---------------------------|-----------|------------------------|
| CODE | NO ITEM | UNI T | TOTAL OUANTITIES | ROADWAY 0005 80% FED 20% STATE | | | | | | CODE NO | NO ITEM | | UNIT | TOTAL QUANTITIES | ROADWAY 0005 80% FED 20% STATE | | | | |
| 442018 | 21 CLASS D PATCHES, TYPE IV, 14 INCH | SO YD | 320 | 320 | | | | | * | 66901003 | REGULATED SUI | BSTANCES FINAL CONSTRUCTION | LSUM | 1 | 1 | | | | |
| | | | | | | | | | | | REPORT | | | | | | | | |
| 602528 | OO CATCH BASINS TO BE RECONSTRUCTED | EACH | 25 | 25 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 67000400 | ENGINEER'S F | IELD OFFICE, TYPE A | CAL MO | 12 | 12 | | | | |
| 602555 | 00 MANHOLES TO BE ADJUSTED | EACH | 2 | 2 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 67100100 | MOBILIZATION | | L SUM | 1 | 1 | | | | |
| 602579 | 00 MANHOLES TO BE RECONSTRUCTED | EACH | 1 | 1 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 70100420 | TRAFFIC CONT | ROL AND PROTECTION. | EACH | 1 | 1 | | | | |
| 602627 | OO INLETS TO BE RECONSTRUCTED | EACH | 8 | 8 | | | | | | | STANDARD 701 | 411 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 603003 | O5 FRAMES AND LIDS TO BE ADJUSTED | EACH | 95 | 95 | | | | | | 70102625 | TRAFFIC CONTI | ROL AND PROTECTION, | L SUM | 1 | 1 | | | | |
| | | | | | | | | | | | STANDARD 701 | 606 | | | | | | | |
| 604060 | OO FRAMES AND LIDS, TYPE 1, OPEN LID | EACH | 48 | 48 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 70102630 | TRAFFIC CONT | ROL AND PROTECTION, | L SUM | 1 | 1 | | | | |
| 604061 | 00 FRAMES AND LIDS, TYPE 1, CLOSED LID | EACH | 58 | 58 | | | | | | | STANDARD 701601 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 606183 | OO CONCRETE MEDIAN SURFACE, 4 INCH | SO FT | 6300 | 6300 | | | | | | 70102635 | TRAFFIC CONTROL AND PROTECTION. | | L SUM | 1 | 1 | | | | |
| | | | | | | | | | | | STANDARD 701701 | | | | | | | | |
| 606192 | OO CONCRETE MEDIAN, TYPE SB-6.06 | SO FT | 2850 | 2850 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 70102640 | TRAFFIC CONTROL AND PROTECTION. | | L SUM | 1 | 1 | | | | |
| 606246 | OO CORRUGATED MEDIAN | SO FT | 60 | 60 | | | | | | | STANDARD 701801 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| * 669002 | 00 NON-SPECIAL WASTE DISPOSAL | CU YD | 42 | 42 | | | | | | 70300100 | SHORT TERM PAVEMENT MARKING | | FOOT | 32800 | 32800 | | | | |
| | | | | ~~~~ | | | | | | | | | | | | | | | |
| ₭ 669005 | 30 SOIL DISPOSAL ANALYSIS | EACH | 2 | 1 | \triangle | | | | | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | | SO FT | 10935 | 10935 | | | | |
| | | | | | | | | | | | | | | | | | | | |
| ₭ 669010 | 01 REGULATED SUBSTANCES PRE-CONSTRUCTION | LSUM | 1 | 1 | | | | | | 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND | | SO FT | 554.9 | 554. 9 | | | | |
| | PLAN | | | | | | | | | | SYMBOLS | | | | | | | | |
| | | | | • | | | | | | | | | | | | | | | |
| 669010 | 02 ON-SITE MONITORING OF REGULATED | CAL DA | 20 | 20 | 3/1\ | | | | | 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | | FOOT | 35000 | 35000 | | | | |
| | SUBSTANCES | | l m | uuu | | | | | | | | | | | | | | | |
| FILE NAME | DINTEG.Hilnols.gov:PWIDOT\Dazuments\DOC Offices\District I\Projects\Di05219\CADData\Design\Di05219 | | <u>'</u> | REVISED REVISED | Ş | | | | ATE OF IL | | | OURANCERY | OF OUGST | rice | | F.A. P. RTE. 305 | SECTION 2018-098-RS&SW | COUNTY SH | OTAL SHEE HEETS NO. |
| | | CHECKED - DATE - | | REVISED REVISED | | | DE | PARTMEN | NT OF TR | ANSPORTATION SUMMARY C | | | | | O STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | |



/1 REV 1/9/19

