

11/18/2022 LETTING ITEM 089

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

TRAFFIC DATA

ADT: GREEN STREET 2017 TRAFFIC 5,250 VPD 2017 TRUCK % 5%

ROADWAY **SPEED POSTED** **DESIGN SPEED**
GREEN STREET 25 MPH 25 MPH

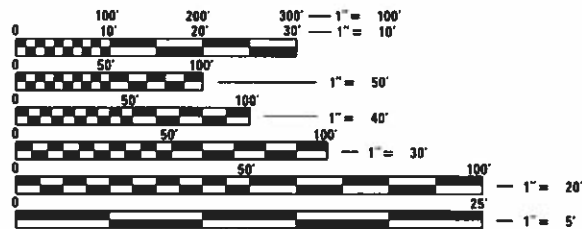
DESIGN DESIGNATION

FAU 087 (GREEN STREET) - MAJOR COLLECTOR

J.U.L.I.E.
JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811



Know what's below.
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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.

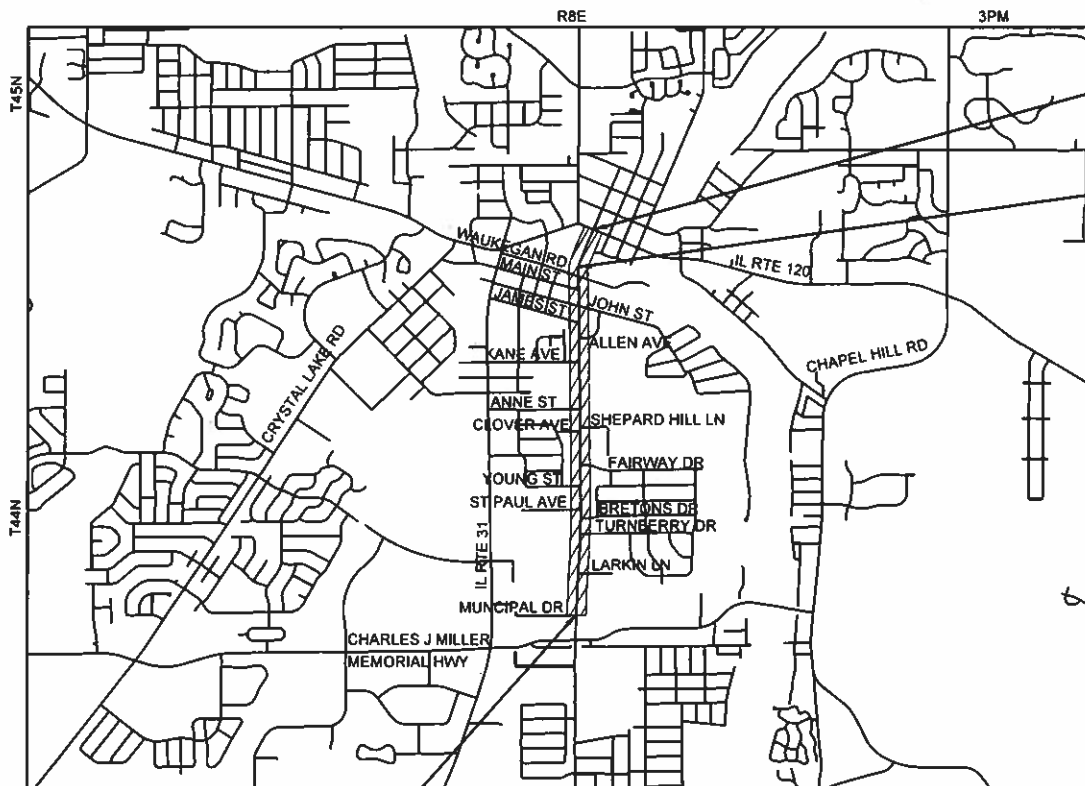
FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
FEDERAL-AID HIGHWAY**

FAU 087 (GREEN STREET)
MUNICIPAL DRIVE TO ILLINOIS ROUTE 120 (FAP 333)
ROADWAY IMPROVEMENTS

SECTION: 20-00087-00-RS
PROJECT: KVG(364)
CITY OF MCHENRY
MCHENRY COUNTY
C-91-081-22



PROJECT BEGINS
STA. 200 + 00.00

PROJECT ENDS
STA. 281 + 93.00

BRIDGE OMISSION (SN 056-6601)
STA 274 + 68 TO STA 275 + 94

PROJECT LOCATION MAP
MCHENRY COUNTY, ILLINOIS
N.T.S.

PROJECT LENGTH

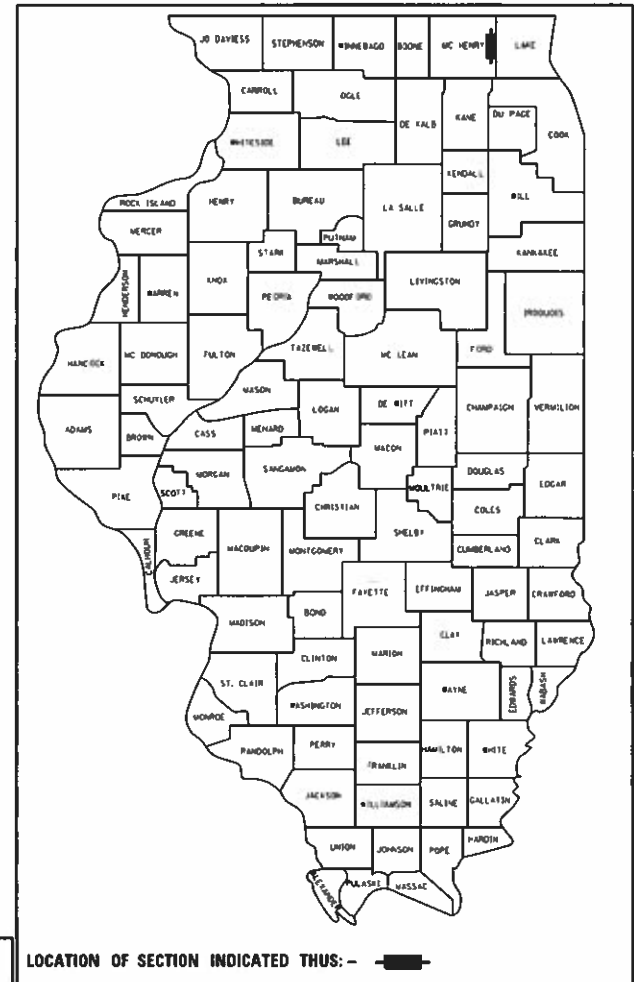
GROSS LENGTH OF PROJECT = 8,193 FT. = 1.55 MILES
NET LENGTH OF PROJECT = 8,067 FT. = 1.53 MILES

PROJECT ENGINEER: B. HARTMAN
PROJECT MANAGER: A. CHAUDHRY
CONTRACT NO. 61J03



SEAL
B. DAVID H. H.
BENJAMIN D. HARTMAN, P.E.
EXPIRES: 11-30-23

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
087	20-00087-00-RS	MCHENRY	43	1
FED. ROAD DIST. NO 1		ILLINOIS	CONTRACT NO. 61J03	



HRGreen
1391 CORPORATE DRIVE, SUITE 203 | MCHENRY, ILLINOIS 60050
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ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED August 3, 20 22
DIRECTOR OF PUBLIC WORKS, CITY OF MCHENRY

PASSED SEPT 8, 20 22
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW September 8, 20 22
REGIONAL ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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12 - 30	SIDEWALK PLANS
31 - 33	LANDSCAPING PLANS
34 - 43	DISTRICT ONE DETAILS

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006-00	DECIMAL OF AN INCH AND OF A FOOT
442201-04	CLASS C AND D PATCHES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

STANDARD NO.	LIST OF DESCRIPTION
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-07	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

HRG PROJECT NO: 200633
 HRG PROJ CONTACT:
 FILE NAME: 200633-shr-gen-50.dgn
 PEN TABLE: 1/10/2022



USER NAME = bhartha	DESIGNED - CW	REVISED -
	DRAWN - CW	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STATE STANDARDS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	2
CONTRACT NO.			61103	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE ENGINEER BEFORE DOING ANY WORK. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 DATUM.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS AND SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE IN THE PORTION REMAINING.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- ALL SIGNS TO BE REMOVED ALONG THE PROJECT SHALL REMAIN THE PROPERTY OF THE CITY OF MCHENRY AND SHALL BE RETURNED TO THE CITY (1415 INDUSTRIAL DRIVE) UPON REMOVAL.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN CONSENT FROM THE CITY OF MCHENRY.
- HOT-MIX ASPHALT MATERIAL RESULTING FROM MILLING OPERATIONS WILL NOT BE ALLOWED TO BE USED AS FILL MATERIAL.
- ALL CURB AND GUTTER THAT IS CURRENTLY OVERLAID WITH ASPHALT MATERIAL WILL BE REMOVED DURING MILLING OPERATIONS.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

STORM SEWERS, SANITARY SEWER, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT, THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF MCHENRY IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE CITY WITHIN THE DURATION OF THE CONTRACT.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO THE USE OF THE WATER.

SIGNING AND STRIPING

- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING "FRESH OIL" W21-2(O) SIGNS (48"x48" MINIMUM) AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK. THE SIGNS SHALL READ "FRESH OIL, TRAVEL AT YOUR OWN RISK." THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

SEDIMENTATION AND EROSION CONTROL

- CONTROL MEASURES SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE ILLINOIS URBAN MANUAL (WWW.AISWCD.ORG/IUM) DATED FEBRUARY 2020, UNLESS STATED OTHERWISE.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL STABILIZATION IS ACHIEVED.
- SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.
- NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.
- OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.
- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED BELOW: A) WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE; AND B) IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.
- DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKED IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR AN EQUIVALENT CONTROL MEASURE.
- PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.
- THE STORMWATER MANAGEMENT SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS, CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE. SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.
- IF DEWATERING SERVICES ARE USED, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP OR AN EQUIVALENT CONTROL MEASURE). THE ENFORCEMENT OFFICER SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION OF THE DEVELOPMENT SITE IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NECESSARY. TRAPPED SEDIMENT SHALL BE REMOVED AND DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
- STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IWMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.
- EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO: A) MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER; AND B) MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.
- ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITING OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE APPLICANT SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, OR IWMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- THE ENFORCEMENT OFFICER MAY REQUIRE ADDITIONAL OR ALTERNATE SOIL EROSION AND SEDIMENT CONTROL MEASURES, BASED ON DEVELOPMENT SITE SPECIFIC CONSIDERATIONS AND THE EFFECTIVENESS OF THE INSTALLED CONTROL MEASURES.

HRG PROJECT NO: 200633
 HRG PROJ CONTACT:
 FILE NAME: 200633-shr-gen-02.dgn
 PLOT DATE: 9/6/2022
 PEN TABLE: plotTable.tbl



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	DRAWN - CW	REVISED -
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO.	61103

CODE			TOTAL	CONSTR. CODE
NO.	ITEM	UNIT	QUANTITY	80% FED (STP) 20% LOCAL 0005 URBAN
20101000	TEMPORARY FENCE	FOOT	125	125
+ 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5
20200100	EARTH EXCAVATION	CU YD	25	25
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	574	574
+ 25200110	SODDING, SALT TOLERANT	SO YD	574	574
25200200	SUPPLEMENTAL WATERING	UNIT	18	18
28000510	INLET FILTERS	EACH	25	25
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	21,477	21,477
40600370	LONGITUDINAL JOINT SEALANT	FOOT	8,194	8,194
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	39	39
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	377	377
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1,337	1,337
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,673	2,673
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	61	61
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	5,550	5,550
42400800	DETECTABLE WARNINGS	SO FT	639	639
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	31,817	31,817
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,364	2,364
44000600	SIDEWALK REMOVAL	SO FT	5,658	5,658

+ SPECIALTY ITEM • SPECIAL PROVISION

HRC PROJECT NO.: 200633
 HRC PROJECT CONTACT:
 FILE NAME: 200633-hrc-sum.dgn
 PLOT DRIVER: a_dwg.plt
 PEN TABLE: a01tbl01.tbl



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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
N.T.S.	1	4	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J03	

CODE			TOTAL	CONSTR. CODE
NO.	ITEM	UNIT	QUANTITY	80% FED (STP) 20% LOCAL
44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	162	162
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	162	162
44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	325	325
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	325	325
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	73	73
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	73	73
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	145	145
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	145	145
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	70	70
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,364	2,364
+ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5	5
+ 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
+ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
+ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
+ 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1

HRC PROJECT NO.: 2009533
 FILE NAME: 20221111+sum.dgn
 PLOT DRIVER: hrc_dwg.plt
 PEN TABLE: p1010261.tbl



USER NAME : bhar-tmo	DESIGNED - CW	REVISED -
	DRAWN - CW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/5/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

+ SPECIALTY ITEM		▪ SPECIAL PROVISION		
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	5
			CONTRACT NO. 61J03	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE			TOTAL	CONSTR. CODE
NO.	ITEM	UNIT	QUANTITY	80% FED (STP) 20% LOCAL 0005 URBAN
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	80	80
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,342	7,342
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	5,256	5,256
72000100	SIGN PANEL - TYPE 1	SO FT	166	166
72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	30	30
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	795	795
+ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	110	110
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,626	15,626
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	923	923
+ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,398	1,398
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	309	309
+ 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	448	448
+ 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	13,880	13,880
+ 88600600	DETECTOR LOOP REPLACEMENT	FOOT	234	234
+ A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	33	33
+ A2002879	TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8

+ SPECIALTY ITEM * SPECIAL PROVISION

IJC PROJECT NO: 200633
 IJC PROJECT COUNTY: IJC
 FILE NAME: 200633-1011-sum.dgn
 PLOT DRIVER: x...pdf...
 PEN TABLE: pio.tbl



USER NAME = bhar.tma	DESIGNED - CW	REVISED -
	DRAWN - CW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J03	

CODE			TOTAL	80% FED (STP) 20% LOCAL
NO.	ITEM	UNIT	QUANTITY	0005 URBAN
+ A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13
+ A2005956	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION LONDON PLANETREE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7	7
+ A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
+ A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12
+ A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
+ A2018718	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9
+ A2C050G5	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 5-GALLON	EACH	3	3
+ B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	34	34
+ B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	37	37
* X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	42	42
* Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	100	100
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
* Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	64	64
* Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	10	10
* Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52	52
∅ Z0076600	TRAINEES	HOUR	500	500
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

∅ CODE 0042

+ SPECIALTY ITEM • SPECIAL PROVISION

HRG PROJECT NO.: 200613
 HRG PROJ. CONTACT:
 FILE NAME: 200613-hrt-sum.dgn
 PLOT DRIVER: hrt.dwg-plot.ctb
 PEN TABLE: No Table.tbl



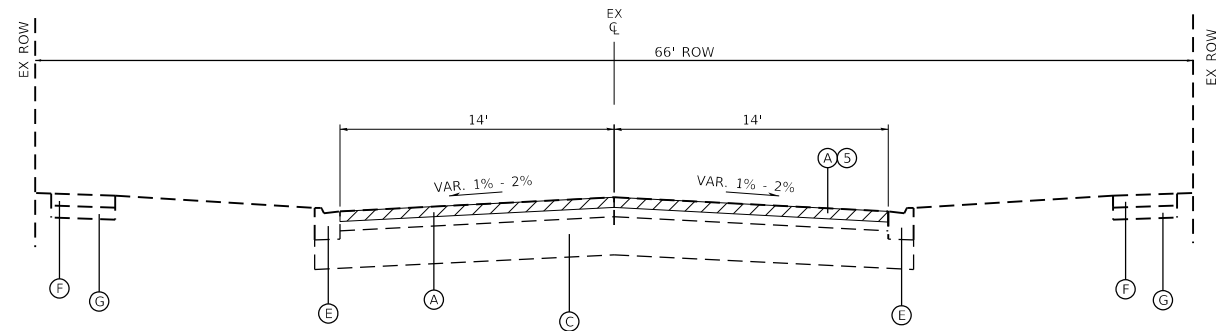
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	DRAWN - CW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

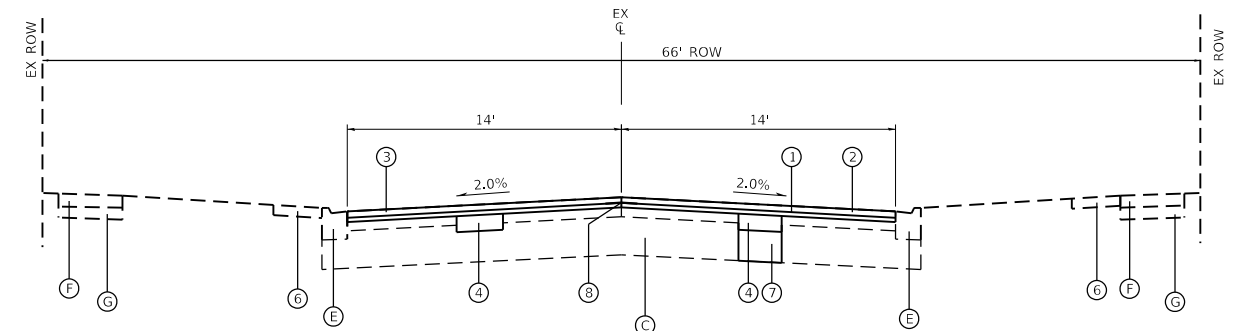
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

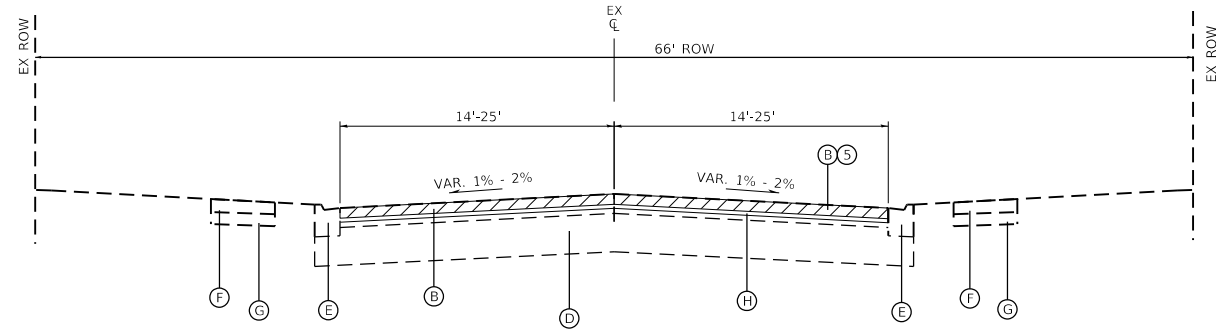
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J03	



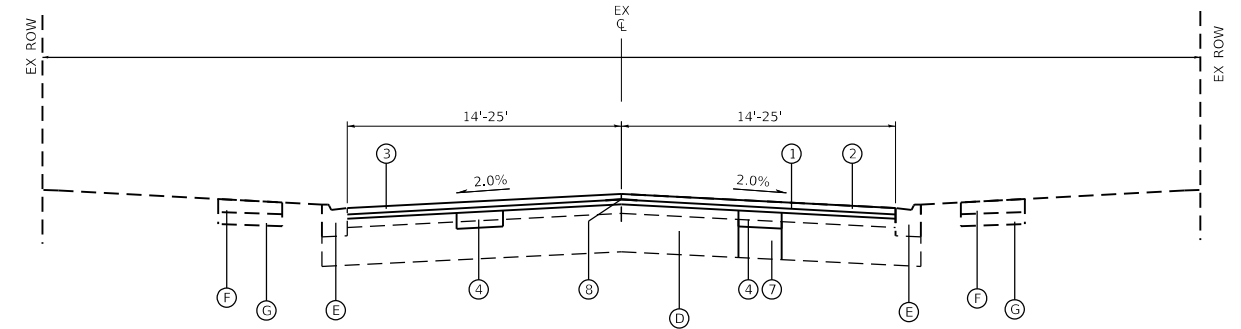
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GREEN STREET: STA. 200+00.00 TO STA. 244+30.00



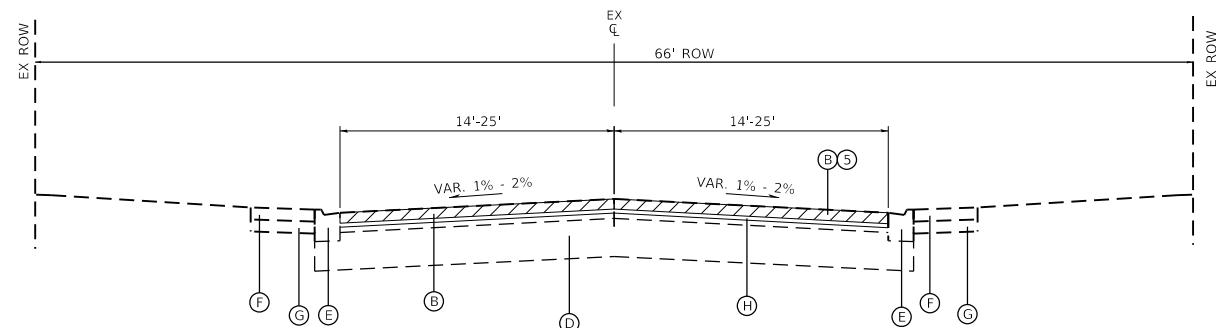
PROPOSED TYPICAL SECTION
GREEN STREET: STA. 200+00.00 TO STA. 244+30.00



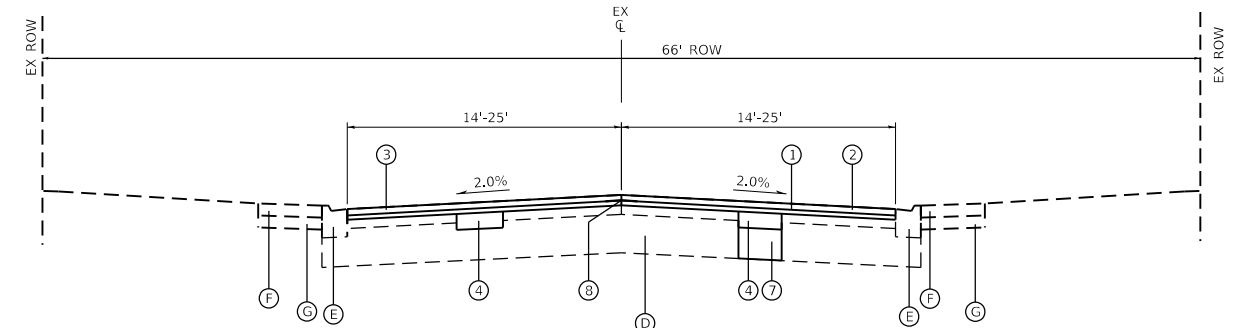
EXISTING TYPICAL SECTION
GREEN STREET: STA. 244+30.00 TO STA. 271+00.00



PROPOSED TYPICAL SECTION
GREEN STREET: STA. 244+30.00 TO STA. 271+00.00



EXISTING TYPICAL SECTION
GREEN STREET: STA. 271+00.00 TO STA. 281+93.85



PROPOSED TYPICAL SECTION
GREEN STREET: STA. 271+00.00 TO STA. 281+93.85

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50	4% @ 50 GYR.	LR1030-2
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	LR1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 50 GYR.	LR1030-2
INCIDENTAL HMA SURFACING		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50	4% @ 50 GYR.	LR1030-2
HMA DRIVEWAY PAVEMENT 3"		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50; 3" (IN 2 LIFTS)	4% @ 50 GYR.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

CONTRACTOR SHALL MILL BEFORE PATCHING.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER.

EXISTING LEGEND

- A - EXISTING HMA SURFACE AND BINDER - 13.0" +/- TOTAL
- B - EXISTING HMA SURFACE AND BINDER - 6.0" +/- TOTAL
- C - EXISTING AGGREGATE BASE COURSE 4" +/-
- D - EXISTING PCC BASE 8" +/-
- E - EXISTING COMBINATION CURB AND GUTTER
- F - EXISTING PCC SIDEWALK
- G - EXISTING SUBBASE GRANULAR MATERIAL
- H - PAVEMENT FABRIC

PROPOSED LEGEND

- 1 - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75 N50 - 0.75"
- 2 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5 N50 - 1.5"
- 3 - BITUMINOUS MATERIALS (TACK COAT)
- * 4 - CLASS D PATCHES - 4" OR 12" (MIN. WIDTH 4")
- 5 - HMA SURFACE REMOVAL - 2"
- 6 - TOPSOIL - 4", SODDING
- * 7 - AGG. BASE REPAIR - 12"
- 8 - LONGITUDINAL JOINT SEALANT
- * SPOT LOCATIONS TO BE DETERMINED IN THE FIELD BY ENGINEER

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-Typical-section.dgn
 PEN TABLE: 1/10/2022



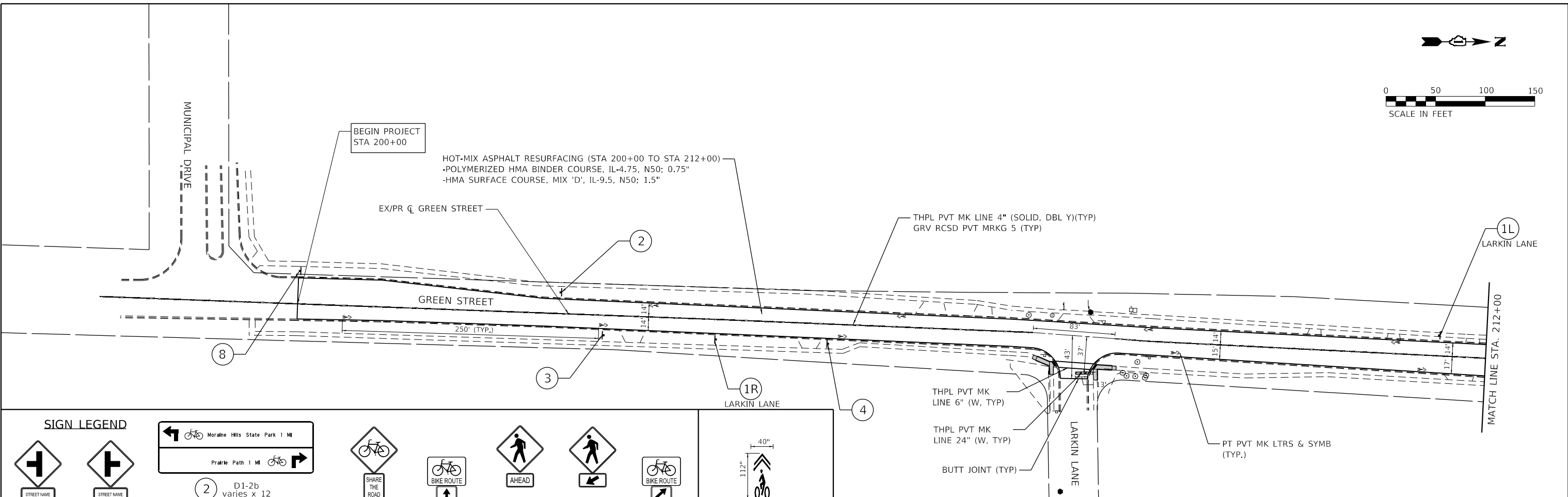
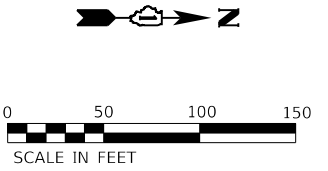
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PLOT SCALE = 12.0000' / 1"	DRAWN - CW	REVISED -
PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

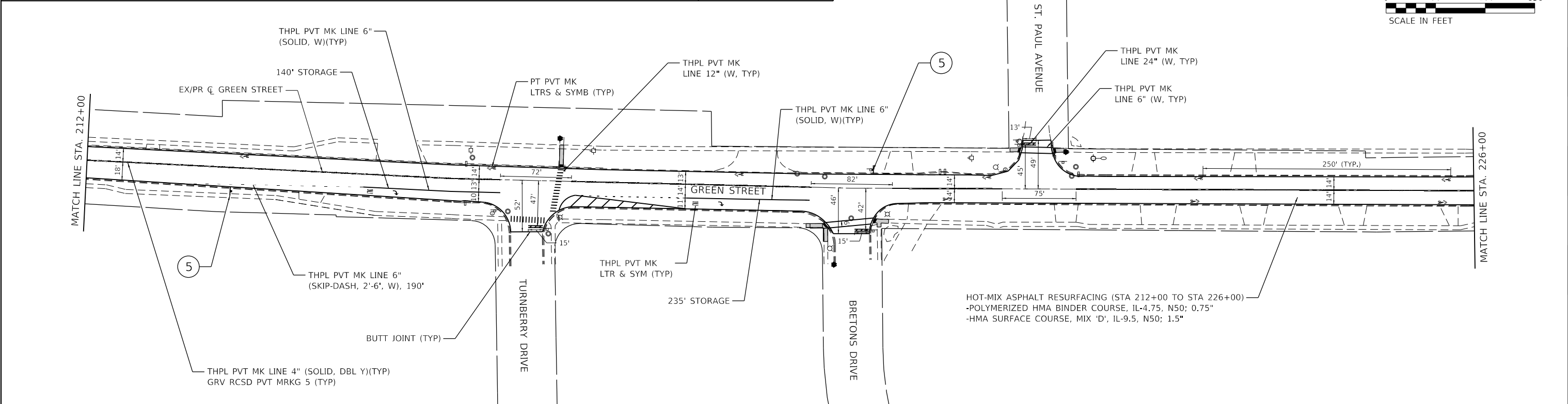
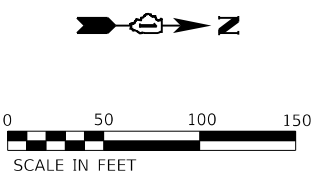
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



SIGN LEGEND

STREET NAME	STREET NAME	D1-2b varies x 12	W11-1 30x30	D11-1 24x18	W11-2 24x24	W11-2 24x24	D11-1 24x18	
1L W2-2 30x30	1R W2-2 30x30		3 W11-1 30x30	4 D11-1 24x18	5 W11-2 24x24	6 W11-2 24x24	8 D11-1 24x18	
W16-8P 24x8	W16-8P 24x8	D1-1b varies x 6	7 W16-1P 24x8	M6-3 12x9	W16-9P 24x12	W16-7P 24x12	M6-2 12x9	



HRG PROJECT NO: 200633
 HRG PROJ CONTACT:
 FILE NAME: 200633-shr-p/plan-01.dgn
 PEN TABLE: p/plan/01.tbl



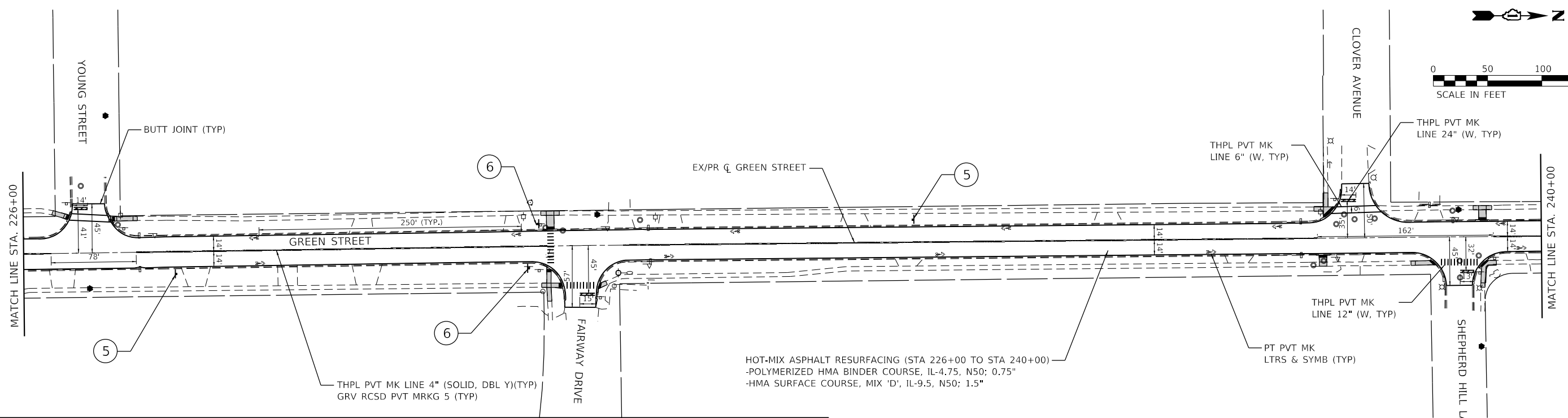
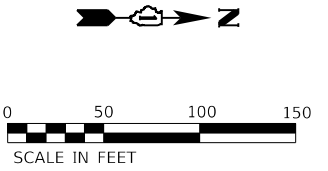
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PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN

SCALE: 50' = 1" SHEET 1 OF 3 SHEETS STA. 200+00.00 TO STA. 226+00.00

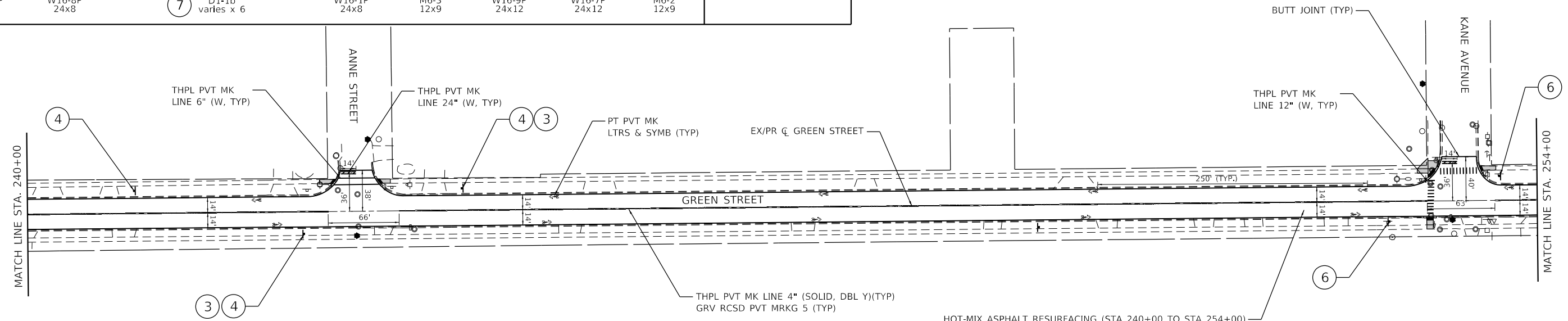
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	9
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61103	



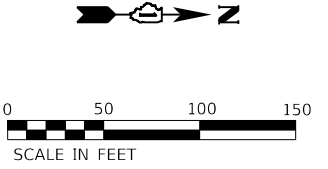
HOT-MIX ASPHALT RESURFACING (STA 226+00 TO STA 240+00)
 -POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 0.75"
 -HMA SURFACE COURSE, MIX 'D', IL-9.5, N50; 1.5"

SIGN LEGEND

1L	1R	2	3	4	5	6	8	
W2-2 30x30	W2-2 30x30	D1-2b varies x 12	W11-1 30x30	D11-1 24x18	W11-2 24x24	W11-2 24x24	D11-1 24x18	
W16-8P 24x8	W16-8P 24x8	7	W16-1P 24x8	M6-3 12x9	W16-9P 24x12	W16-7P 24x12	M6-2 12x9	



HOT-MIX ASPHALT RESURFACING (STA 240+00 TO STA 254+00)
 -POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 0.75"
 -HMA SURFACE COURSE, MIX 'D', IL-9.5, N50; 1.5"



HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-200633.dgn
 PEN TABLE: 200633.tbl

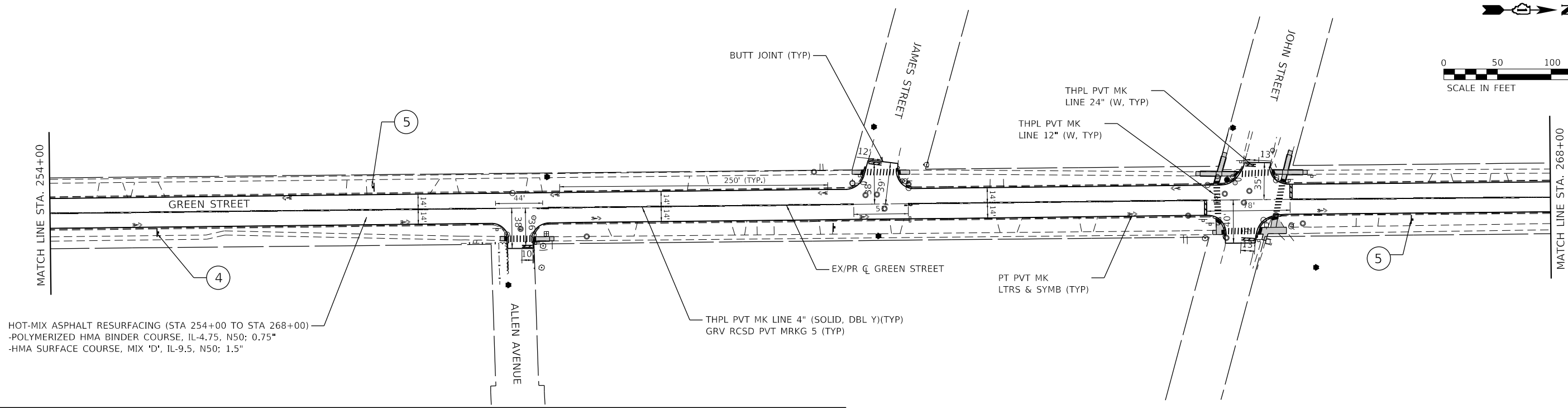
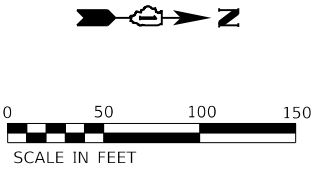


USER NAME = bhartha	DESIGNED - CW	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - CW	REVISED -
PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN
 SCALE: 50' = 1" SHEET 2 OF 3 SHEETS STA. 226+00.00 TO STA. 254+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	10
CONTRACT NO.			61103	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

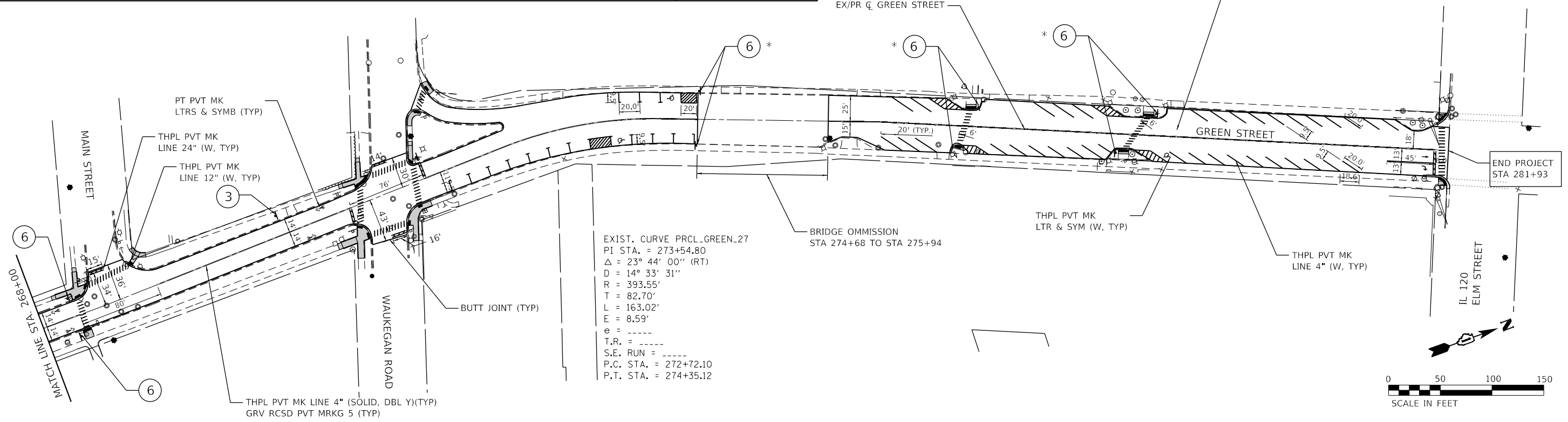


SIGN LEGEND

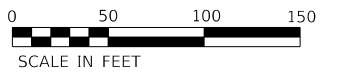
STREET NAME	STREET NAME	D1-2b varies x 12	SHARE THE ROAD	BIKE ROUTE	AHEAD	BIKE ROUTE	SHARROW DETAIL
1L	1R		3	4	5	6	
W2-2 30x30	W2-2 30x30	D1-1b varies x 6	W11-1 30x30	D11-1 24x18	W11-2 24x24	W11-2 24x24	
W16-8P 24x8	W16-8P 24x8		W16-1P 24x8	M6-3 12x9	W16-9P 24x12	W16-7P 24x12	
						M6-2 12x9	

* SIGNS TO BE MOUNTED ON EXISTING POSTS/POLES (2 AT EACH LOCATION)

HOT-MIX ASPHALT RESURFACING (STA 268+00 TO STA 281+93)
 -POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 0.75"
 -HMA SURFACE COURSE, MIX 'D', IL-9.5, N50; 1.5"



EXIST. CURVE PRCL_GREEN.27
 PI STA. = 273+54.80
 $\Delta = 23^\circ 44' 00''$ (RT)
 $D = 14^\circ 33' 31''$
 $R = 393.55'$
 $T = 82.70'$
 $L = 163.02'$
 $E = 8.59'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 272+72.10$
 $P.T. STA. = 274+35.12$



HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-p/plan-03.dgn
 PEN TABLE: p/tables.tbl



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	DRAWN - CW	REVISED -
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

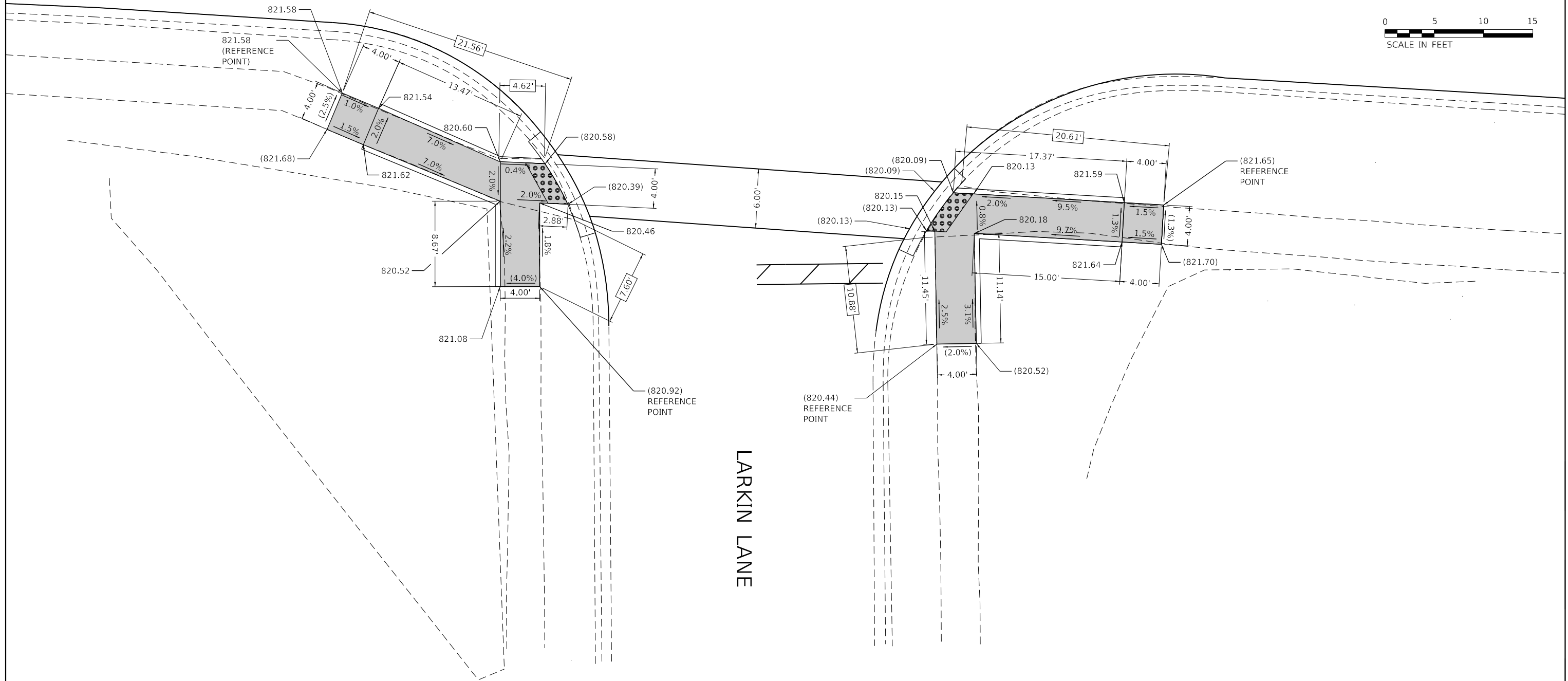
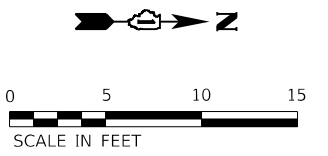
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN

SCALE: 50' = 1" SHEET 3 OF 3 SHEETS STA. 254+00.00 TO STA. 281+93.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	11
CONTRACT NO.			61103	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

S. GREEN STREET



REFERENCE BENCHMARK ELEV.: 762.28
 BENCHMARK: CUT 'X' ON TOP OF CURB, SOUTH SIDE OF LARKIN LANE
 LOCATION: CURB LINE AT FIRST FIRE HYDRANT EAST OF GREEN STREET

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-01.dgn
 PEN TABLE: PLOT LABEL.tbl



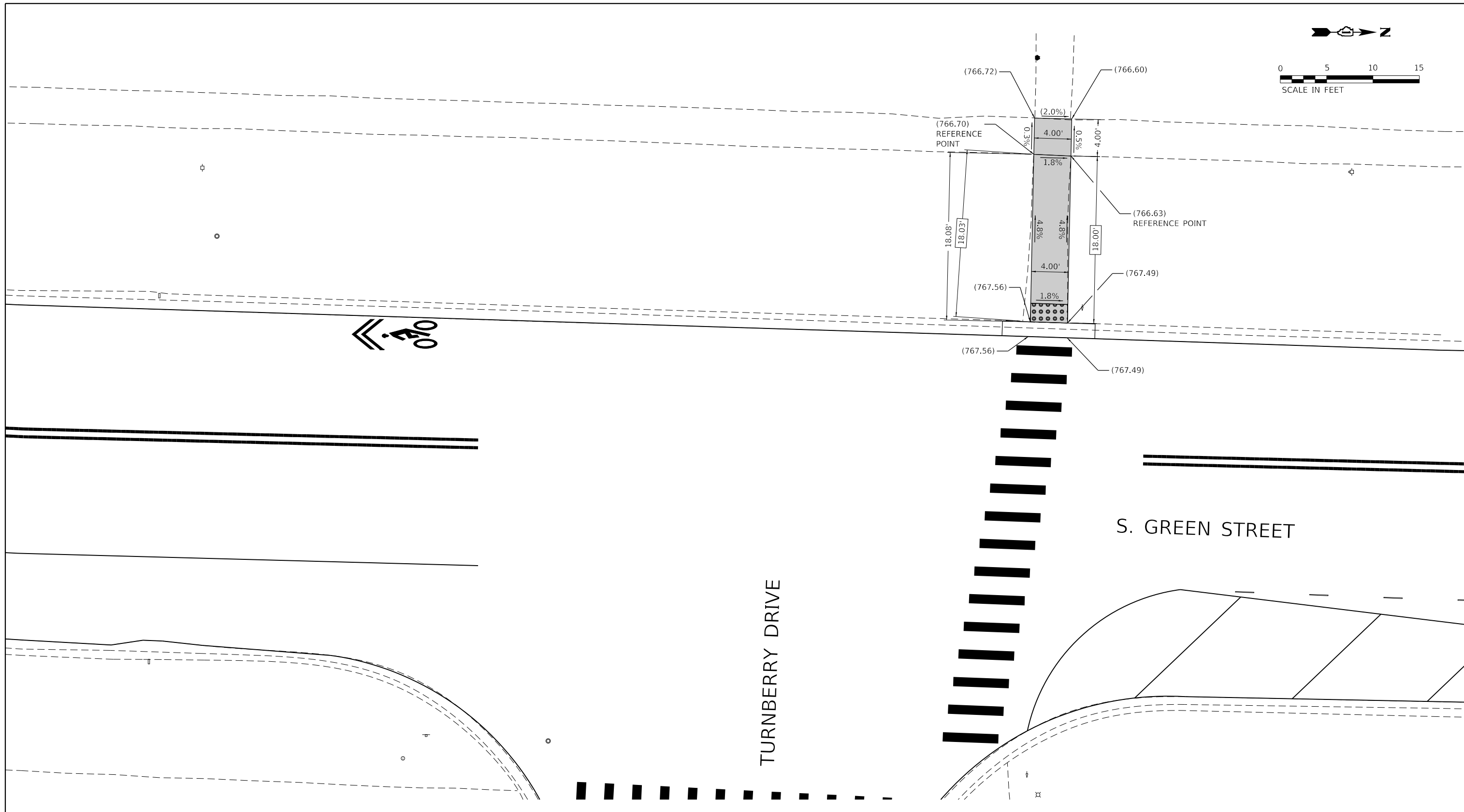
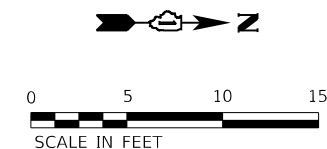
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	DRAWN - CW	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK PLAN GREEN STREET AT LARKIN LANE

SCALE: 5' = 1" SHEET 1 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



REFERENCE BENCHMARK ELEV.: 766.99
 BENCHMARK: CUT 'X' ON SERVICE WALK
 LOCATION: KNOX PARK

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
==	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhartna	DESIGNED - CW	REVISED -
	DRAWN - CW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

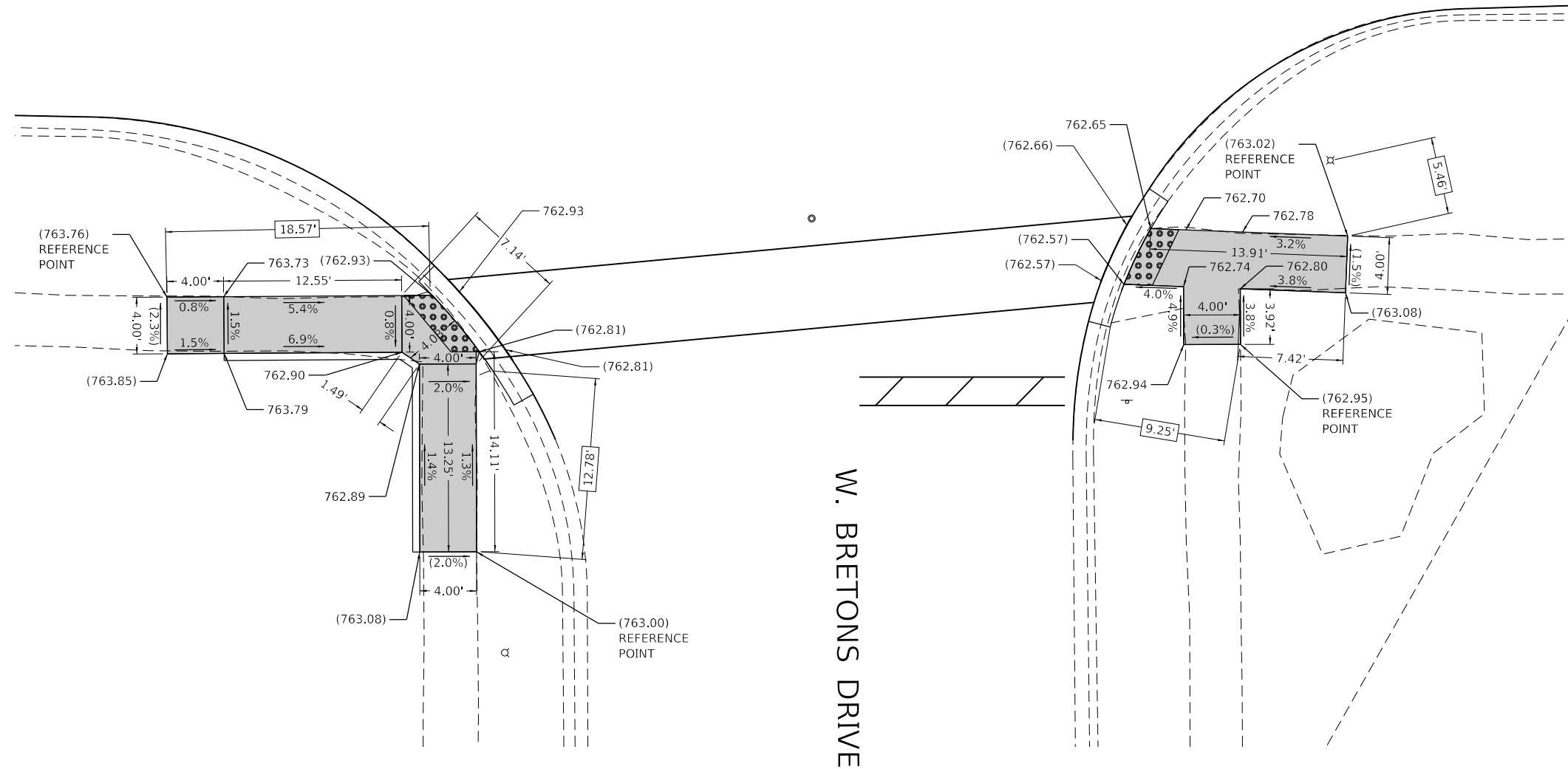
**SIDEWALK PLAN
 GREEN STREET AT TURNBERRY DRIVE**

SCALE: 5' = 1" SHEET 2 OF 19 SHEETS STA. TO STA.

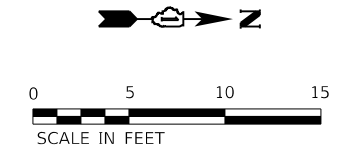
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	13
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61103	

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-02.dgn
 PEN TABLE: PLOT LABEL.tbl

N. GREEN STREET



W. BRETONS DRIVE



REFERENCE BENCHMARK ELEV.: 762.28
 BENCHMARK: CUT 'X' ON TOP OF CURB, SOUTH SIDE OF BRETONS DRIVE
 LOCATION: CURB LINE +/- 15' EAST OF FIRE HYDRANT

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-03.dgn
 PEN TABLE: 10/10/2022.tbl



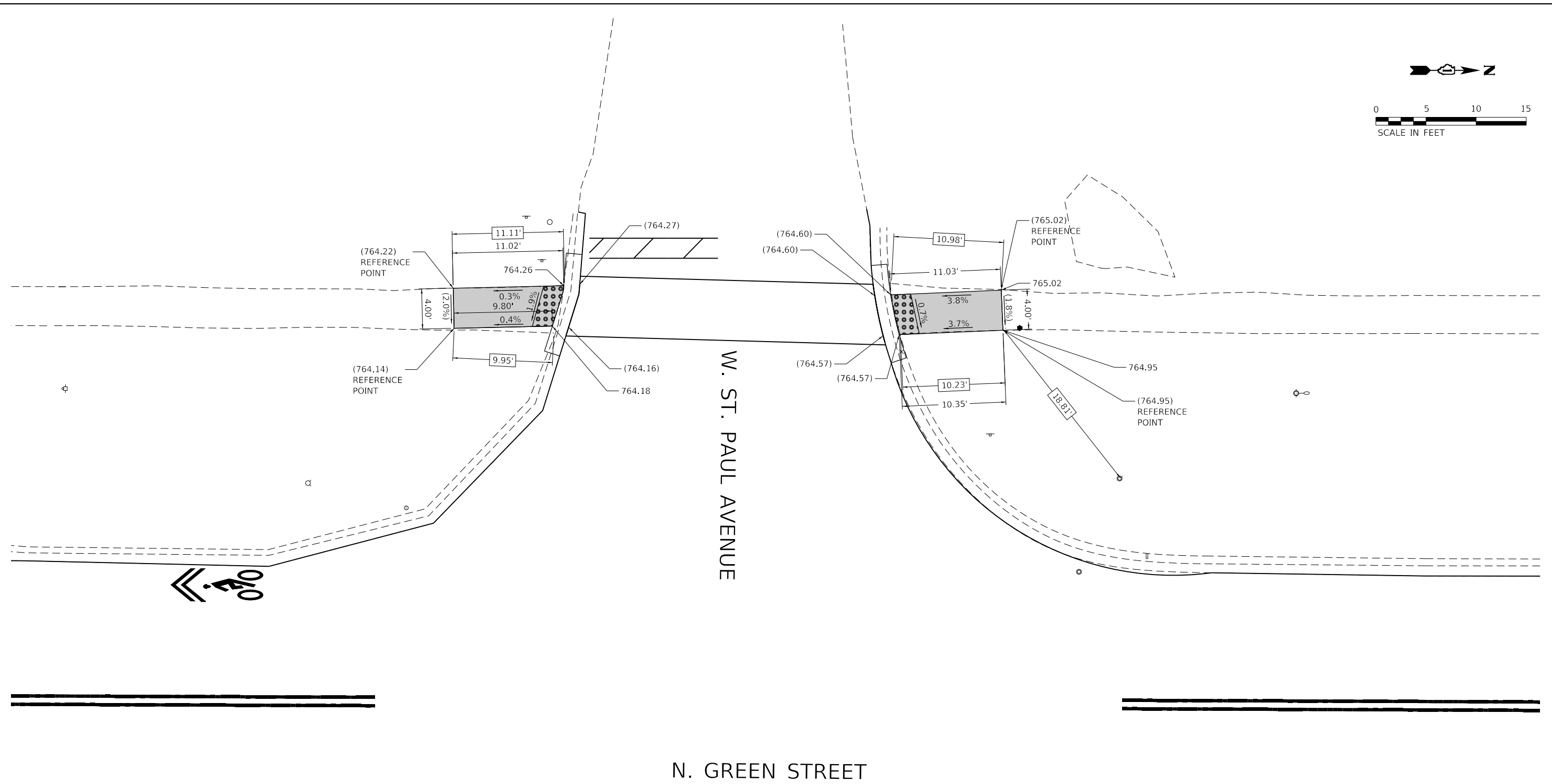
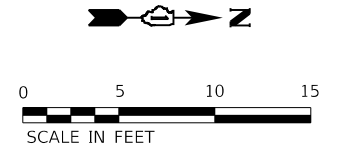
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	DRAWN - CW	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
GREEN STREET AT BRETONS DRIVE**

SCALE: 5' = 1" SHEET 3 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



- XX.XX' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 764.95
 BENCHMARK: CUT 'X' ON TOP OF SIDEWALK, NORTH SIDE SOUTH SIDE OF ST. PAUL AVENUE
 LOCATION: NORTHWEST OF ST. PAUL AVENUE +10' NORTH OF BL

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-04.dgn
 PEN TABLE: PLOT LABEL.tbl



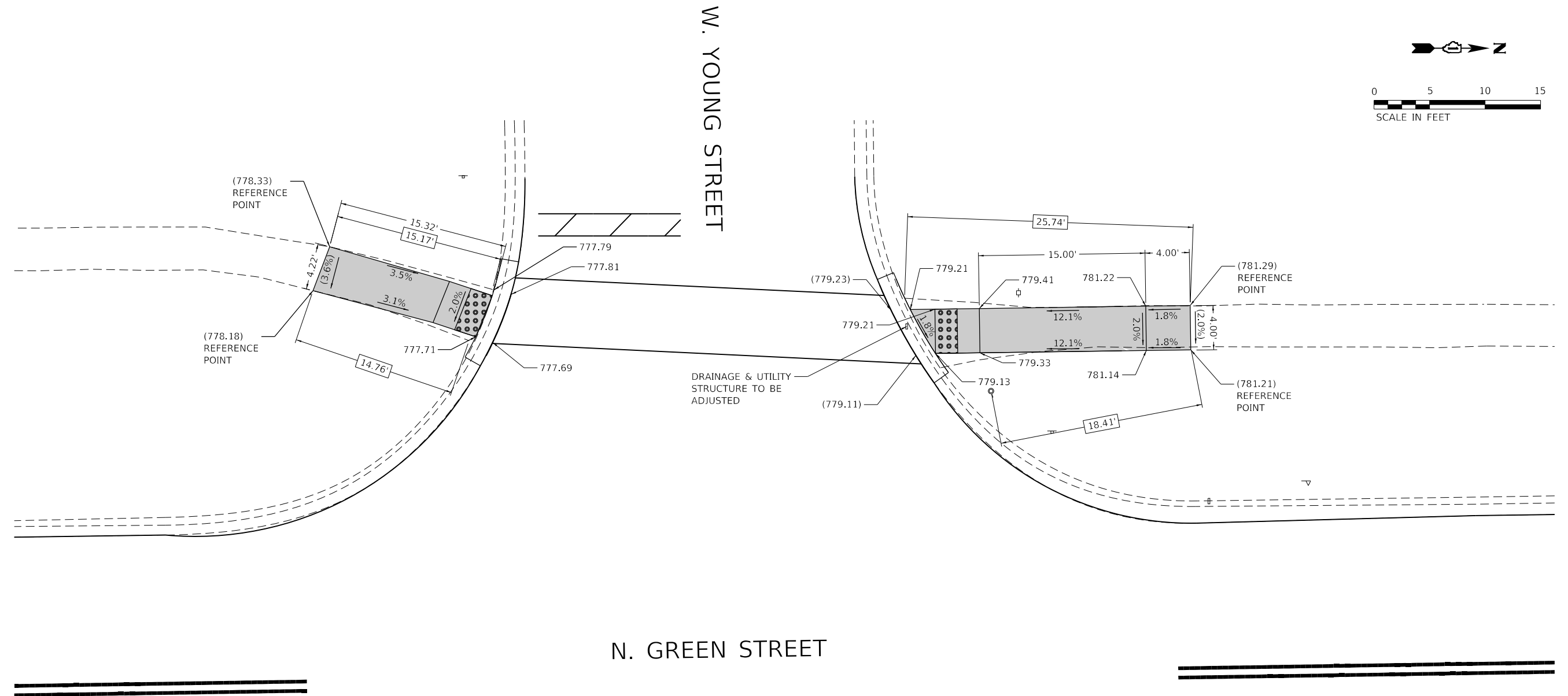
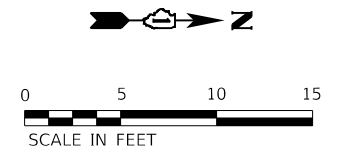
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	DRAWN - CW	REVISED -
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
GREEN STREET AT ST. PAUL AVENUE**

SCALE: 5' = 1" SHEET 4 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	15
CONTRACT NO.			61103	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



W. YOUNG STREET

N. GREEN STREET

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 776.95
 BENCHMARK: CUT 'X' ON SIDEWALK, EAST SIDE OF GREEN STREET
 LOCATION: CENTERLINE OF YOUNG STREET EXTENSION

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
 GREEN STREET AT YOUNG STREET**

SCALE: 5' = 1" SHEET 5 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	16
CONTRACT NO.			61103	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

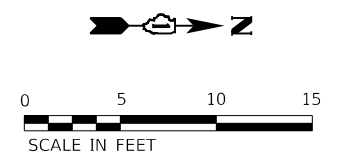
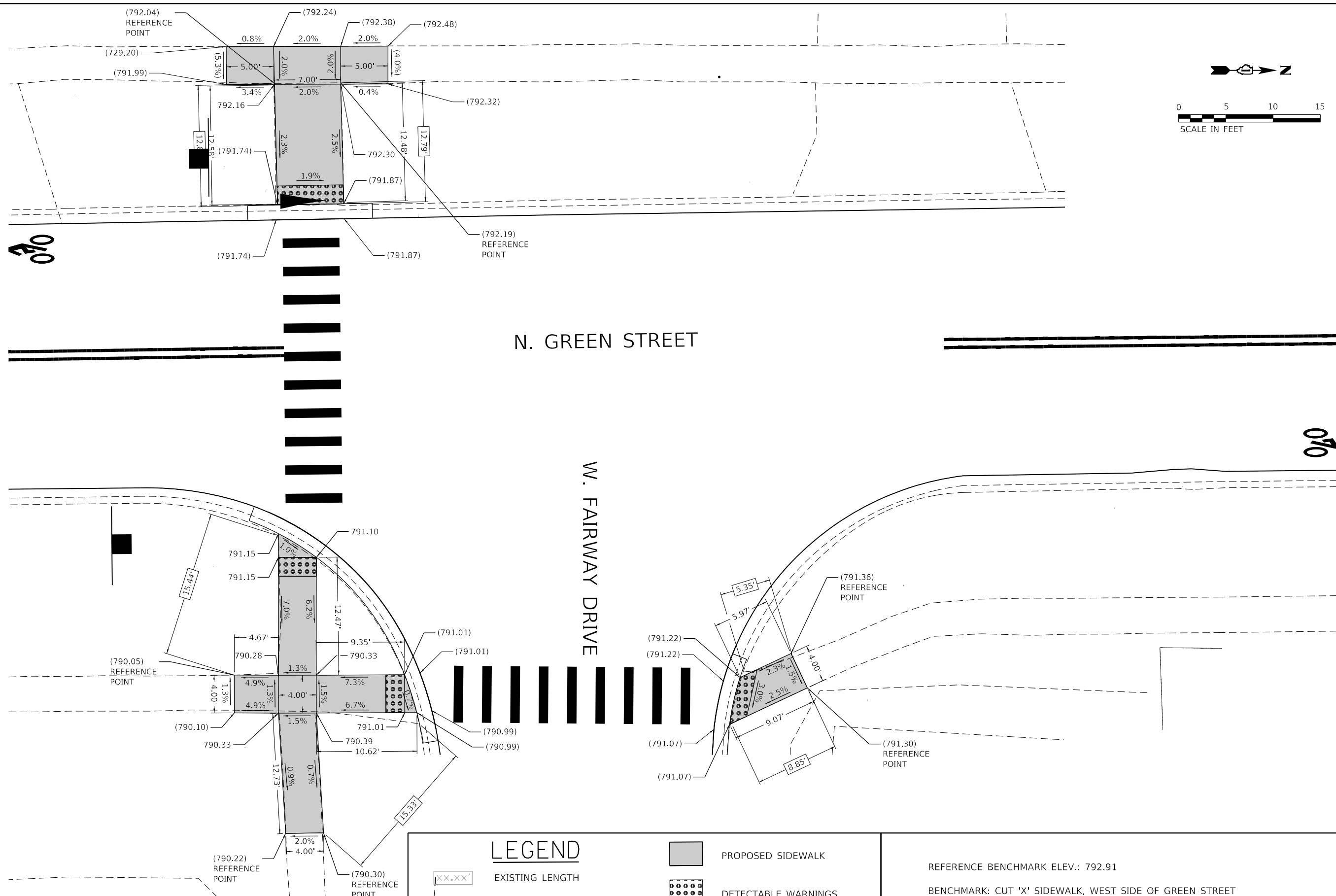
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 PEN TABLE: PLOT LABEL.tbl



USER NAME	DESIGNED	REVISIONS
bhartma	CW	-
	CW	-
	BH	-
		-

PLOT SCALE = 10.0000' / 1"
 PLOT DATE = 9/6/2022

DATE = 9/1/2022



N. GREEN STREET

W. FAIRWAY DRIVE

LEGEND	
XX.XX'	EXISTING LENGTH
	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 792.91
 BENCHMARK: CUT 'X' SIDEWALK, WEST SIDE OF GREEN STREET
 LOCATION: NORTH EP FAIRWAY EXTENSION

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-06.dgn
 PEN TABLE: PLOT LABEL.tbl



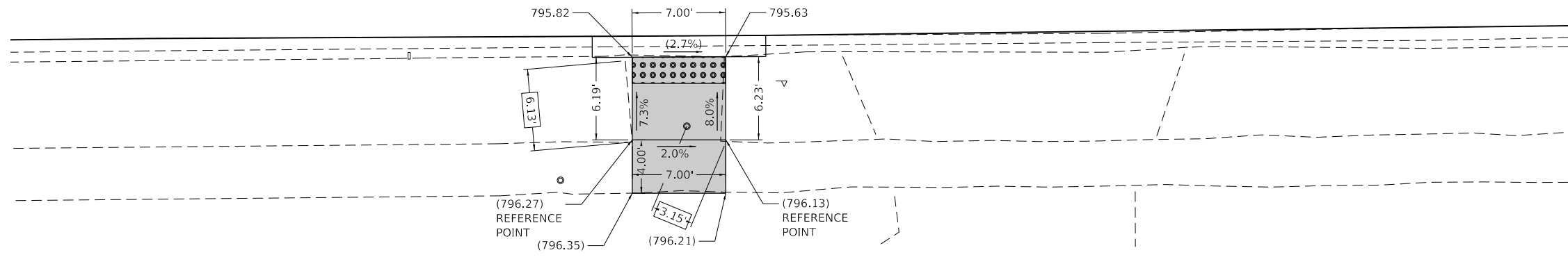
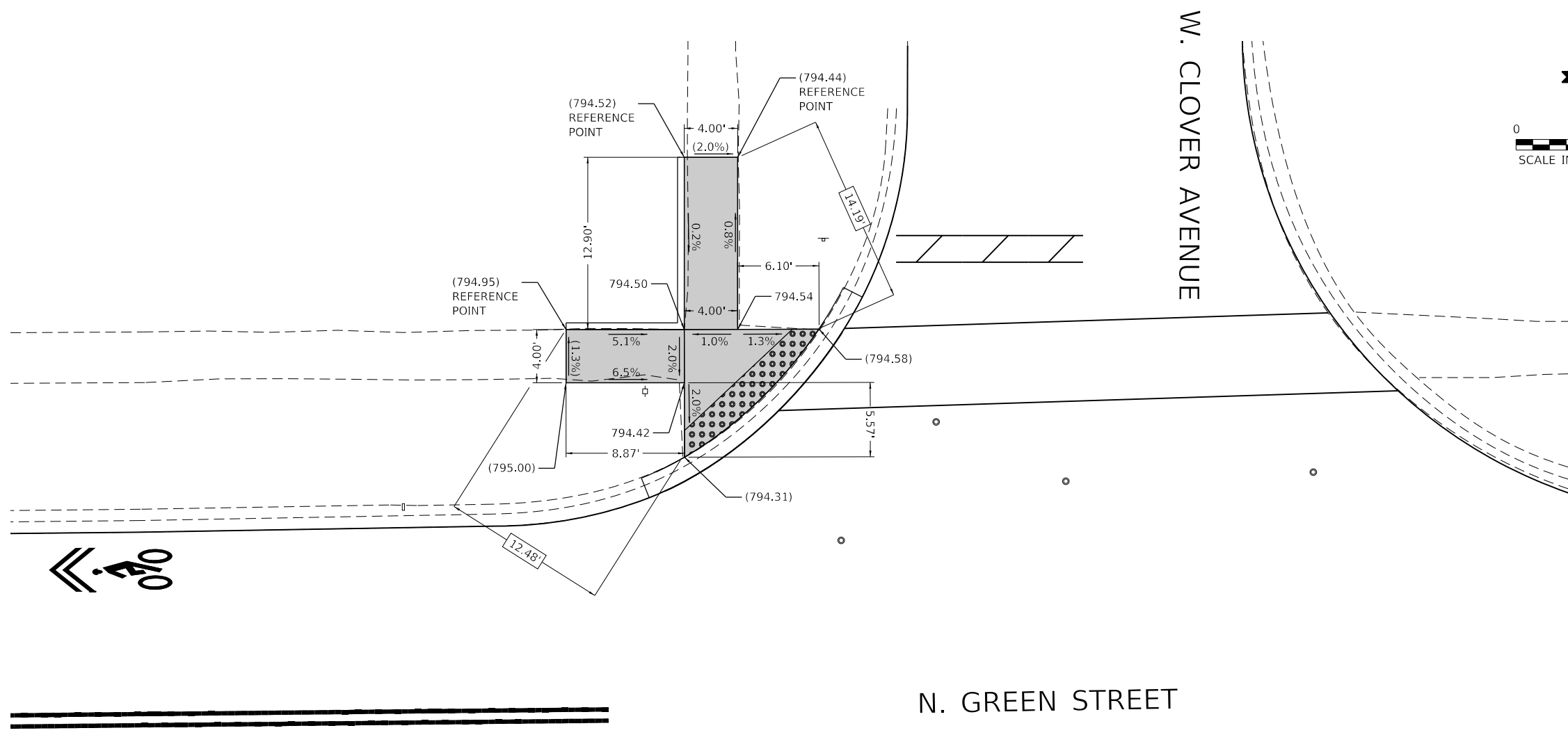
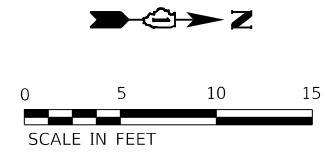
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
GREEN STREET AT FAIRWAY DRIVE**

SCALE: 5' = 1" SHEET 6 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



REFERENCE BENCHMARK ELEV.: 790.77
 BENCHMARK: CUT 'X' ON SIDEWALK, WEST SIDE OF GREEN STREET
 LOCATION: CENTERLINE OF SHEPHERD HILL EXTENSION

LEGEND	
XX.XX'	EXISTING LENGTH
==	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-sht-swrcmp-07.dgn
 PEN TABLE: p10tbl.tbl



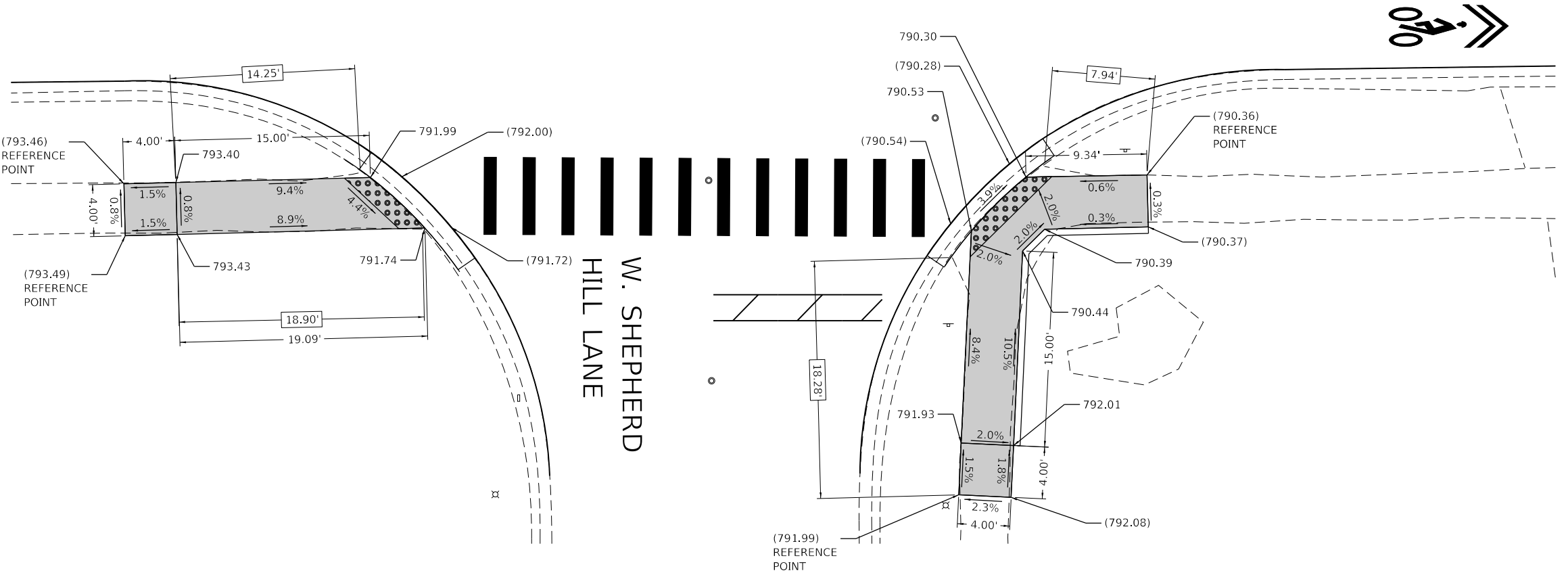
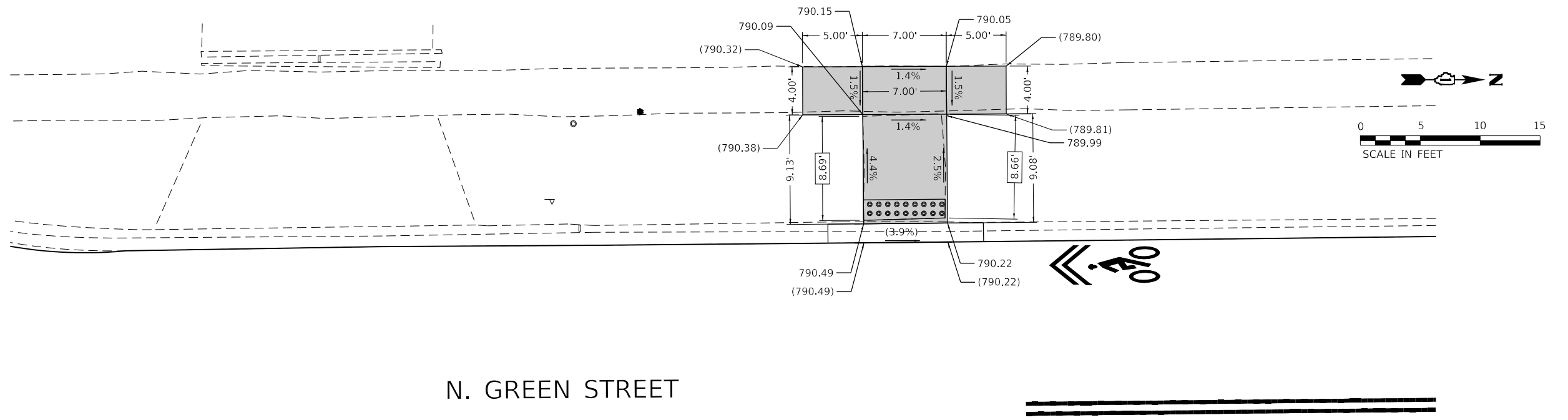
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	DRAWN - CW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
 GREEN STREET AT CLOVER AVENUE**

SCALE: 5' = 1" SHEET 7 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



N. GREEN STREET

W. SHEPHERD HILL LANE

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 790.77
 BENCHMARK: CUT 'X' ON SIDEWALK, WEST SIDE OF GREEN STREET
 LOCATION: CENTERLINE OF SHEPHERD HILL EXTENSION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN
 GREEN STREET AT SHEPHERD HILL LANE

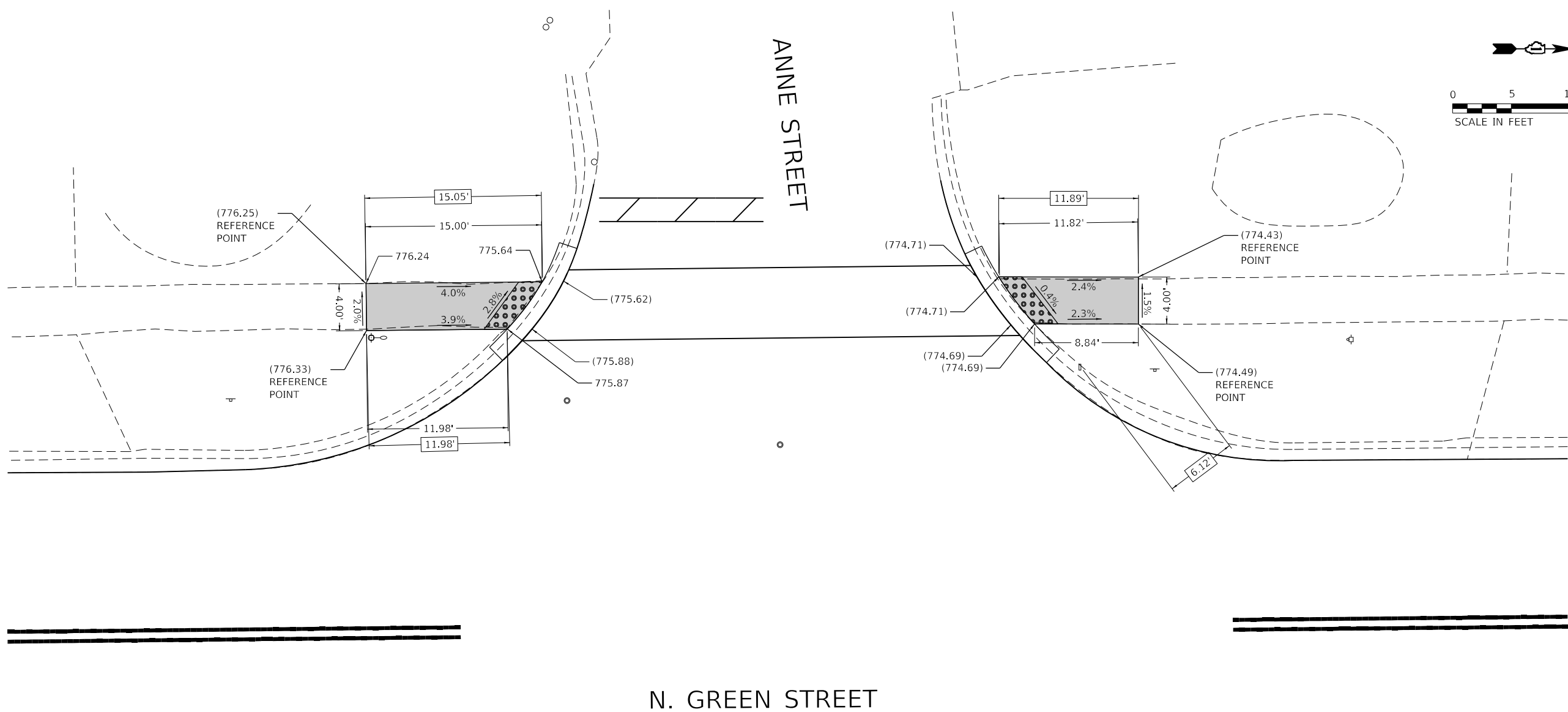
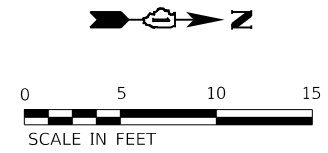
SCALE: 5' = 1" SHEET 8 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	19
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61103	

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-sht-swrcmp-08.dgn
 PEN TABLE: PLOT LABEL.tbl

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhartna	DESIGNED - CW	REVISED -
DRAWN - CW	REVISIONS -	
PLOT SCALE = 10.0000' / 1"	CHECKED - BH	REVISIONS -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISIONS -



N. GREEN STREET

ANNE STREET

LEGEND

- XX.XX' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 775.28
 BENCHMARK: CUT 'X' ON SIDEWALK, EAST SIDE OF GREEN STREET
 LOCATION: CENTERLINE OF ANNE EXTENSION

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
 GREEN STREET AT ANNE STREET**

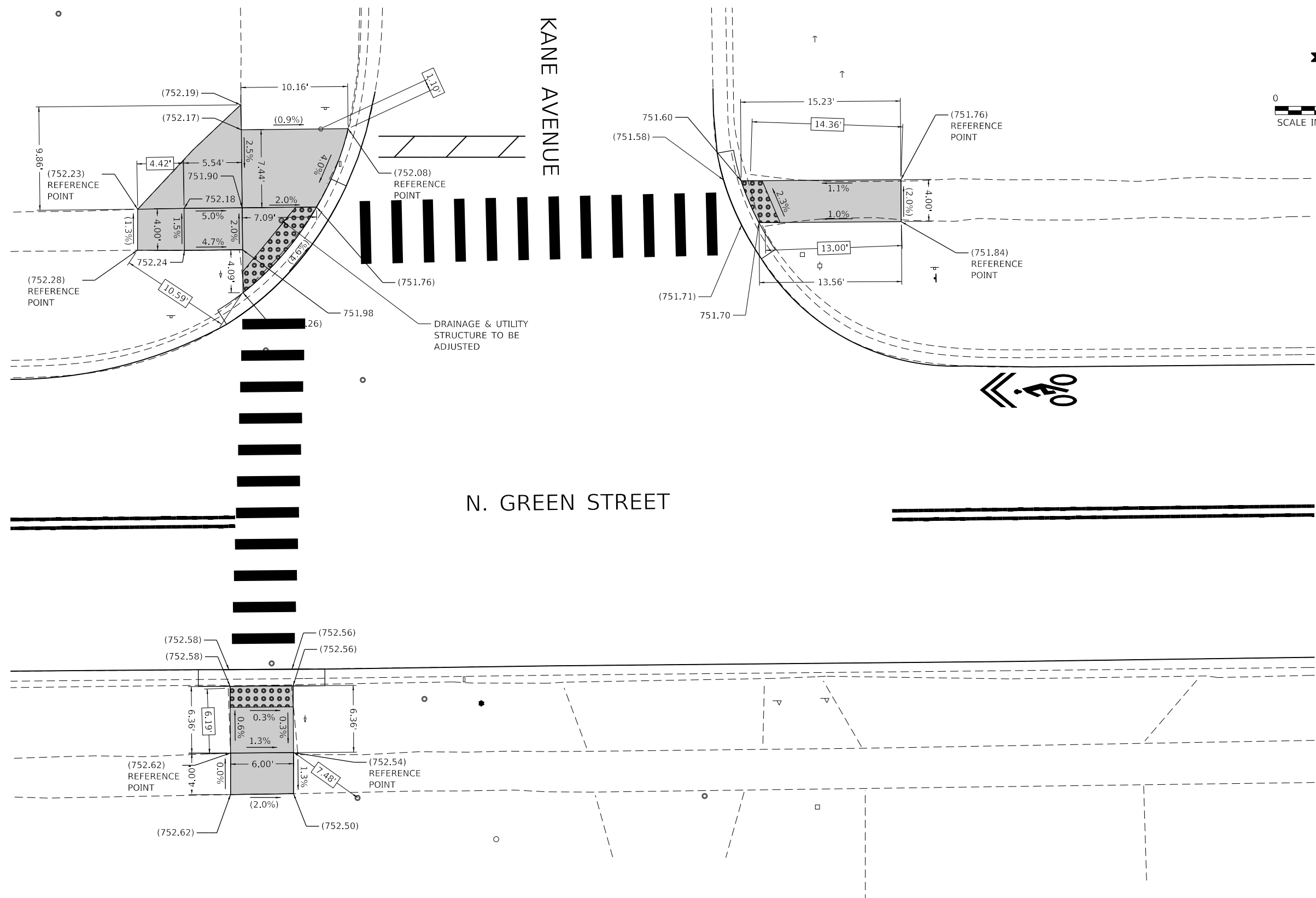
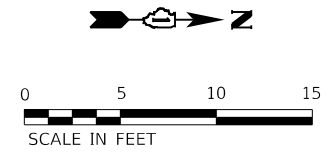
SCALE: 5' = 1" SHEET 9 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	20
CONTRACT NO.			61103	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-cmp-09.dgn
 PEN TABLE: PLOT LABEL.tbl



USER NAME = bhartna	DESIGNED - CW	REVISED -
	DRAWN - CW	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -



REFERENCE BENCHMARK ELEV.: 762.28

BENCHMARK: CUT 'X' ONE BLOCK BEHIND SIDEWALK, SOUTH SIDE OF KANE AVENUE, WEST OF GREEN STREET

LOCATION: EDGEBROOK ELEMENTARY SCHOOL

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-10.dgn
 PEN TABLE: PLOT LABEL.tbl



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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

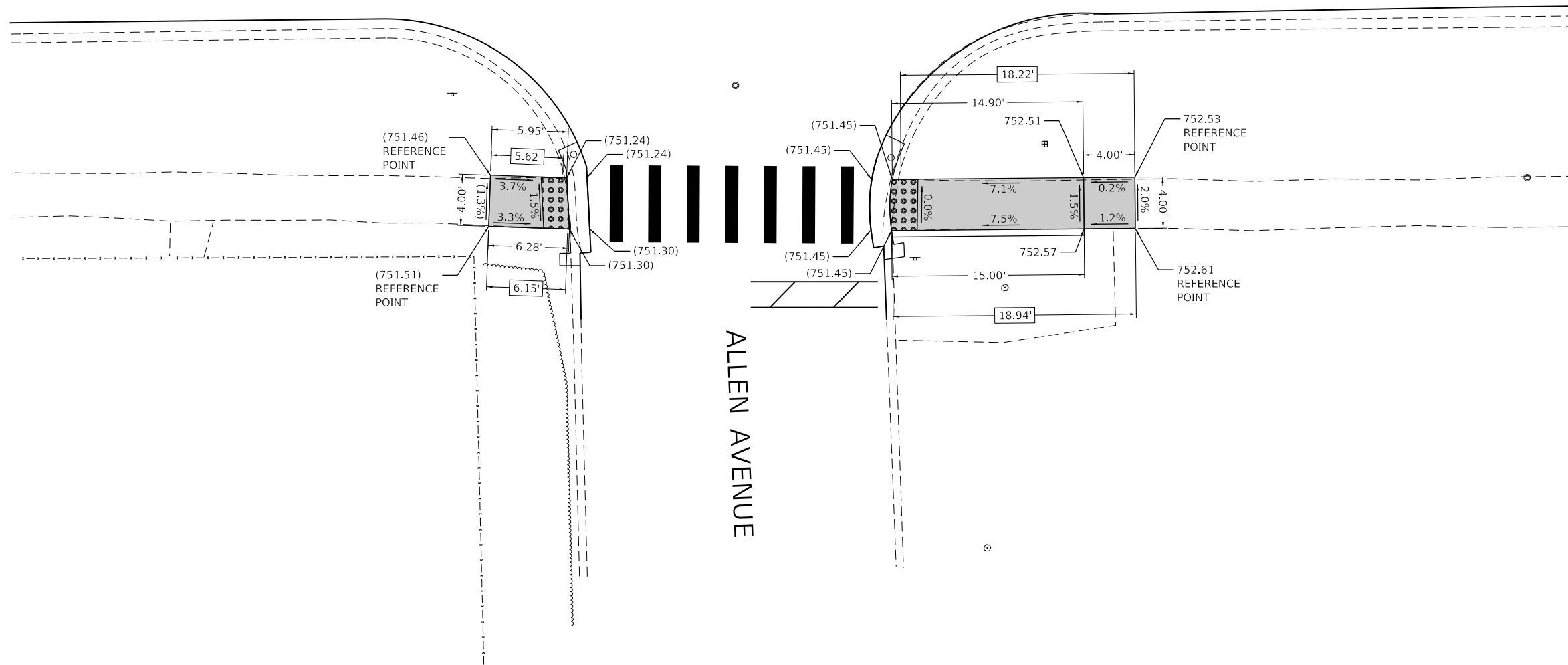
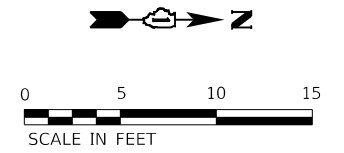
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
GREEN STREET AT KANE AVENUE**

SCALE: 5' = 1" SHEET 10 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	21
CONTRACT NO.			61103	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

N. GREEN STREET



ALLEN AVENUE

REFERENCE BENCHMARK ELEV.: 752.36
 BENCHMARK: CUT 'X' ON SIDEWALK, WEST SIDE OF GREEN STREET
 LOCATION: ALLEN AVENUE +/- 7' NORTH OF DRIVEWAY OF 813 GREEN STREET

LEGEND

- XX.XX' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-l.dgn
 PEN TABLE: PLOT/LABEL.tbl



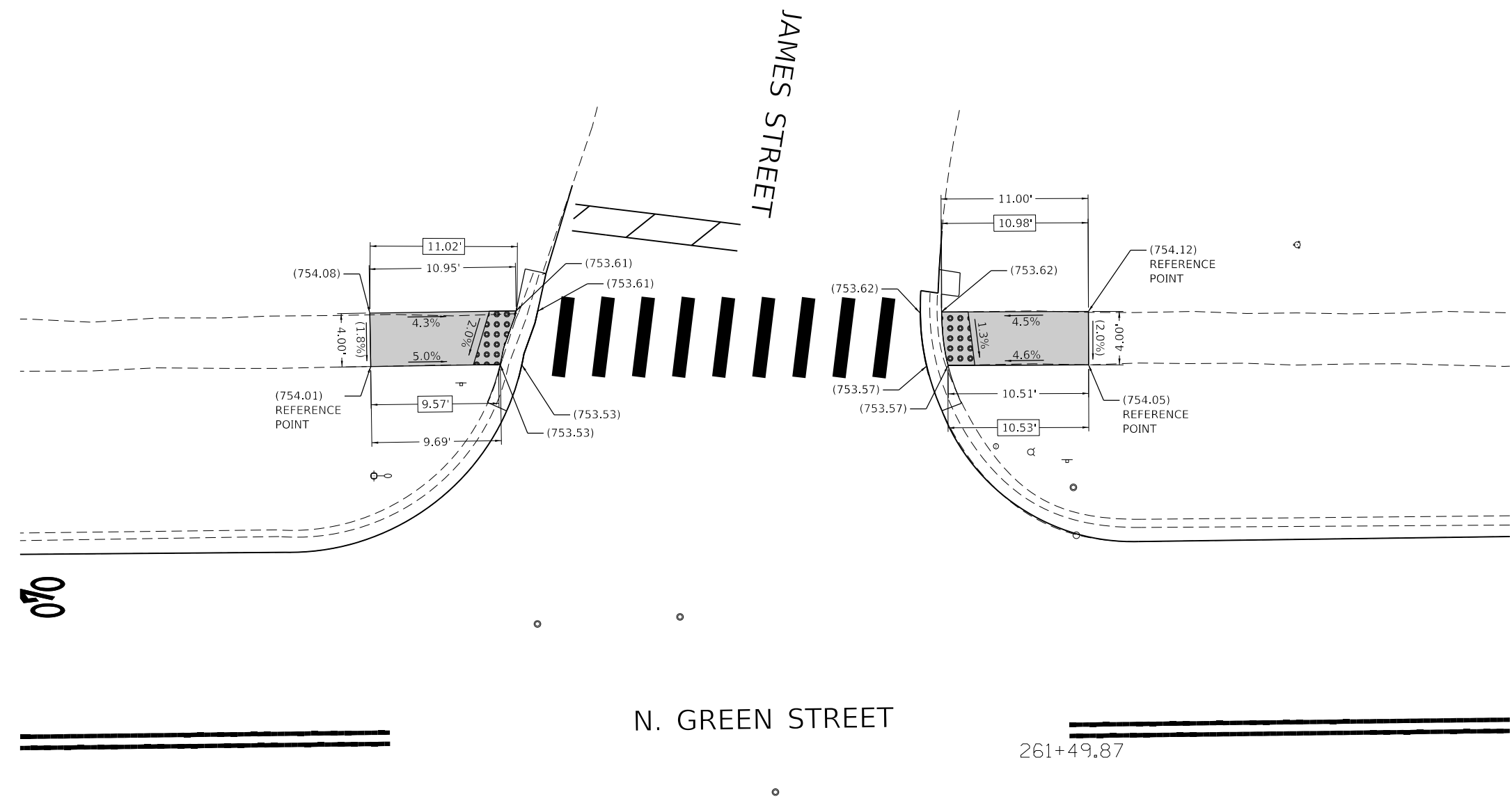
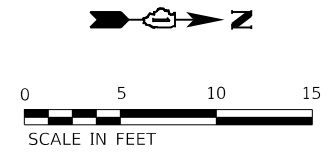
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	DRAWN - CW	REVISED -
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
GREEN STREET AT ALLEN AVENUE**

SCALE: 5' = 1" SHEET 11 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



0%

N. GREEN STREET

261+49.87

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 754.74
 BENCHMARK: CUT 'X' ON SIDEWALK, EAST SIDE OF GREEN STREET
 LOCATION: JAMES STREET 15' SOUTH OF DRIVEWAY FOR 902 GREEN STREET

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-2.dgn
 PEN TABLE: PLOT LABEL.tbl



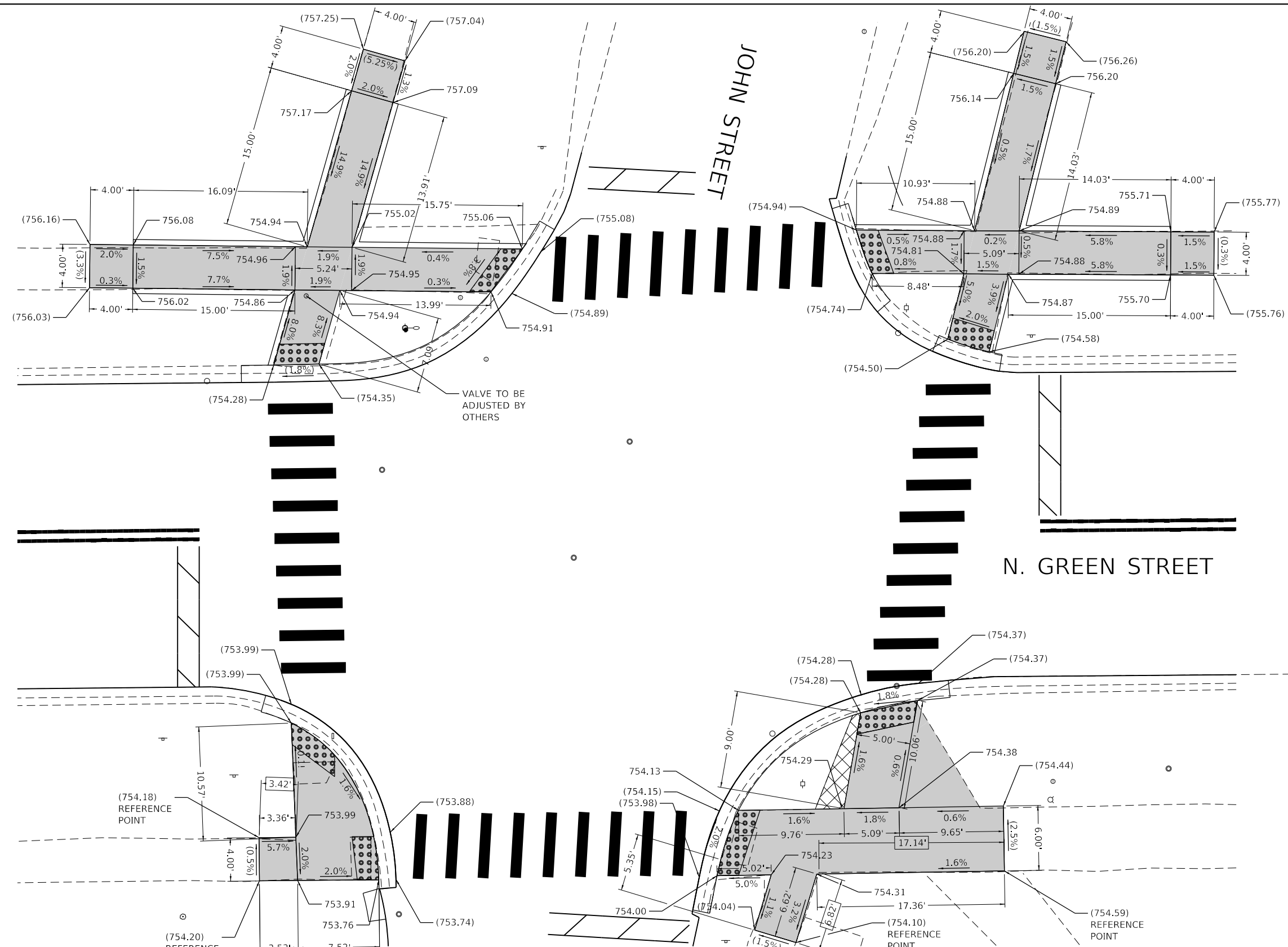
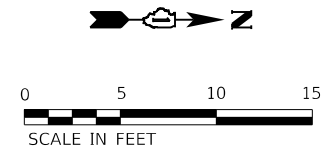
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
GREEN STREET AT JAMES STREET**

SCALE: 5' = 1" SHEET 12 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	23
CONTRACT NO.			61103	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND	
XX.XX'	EXISTING LENGTH
==	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
[Grey Box]	PROPOSED SIDEWALK
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.: 753.71
 BENCHMARK: MAG IN ASPHALY PATH, NORTHEAST CORNER OF INTERSECTION
 LOCATION: JOHN STREET AND N. GREEN STREET

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-camp-13.dgn
 PEN TABLE: PLOT LABEL.tbl



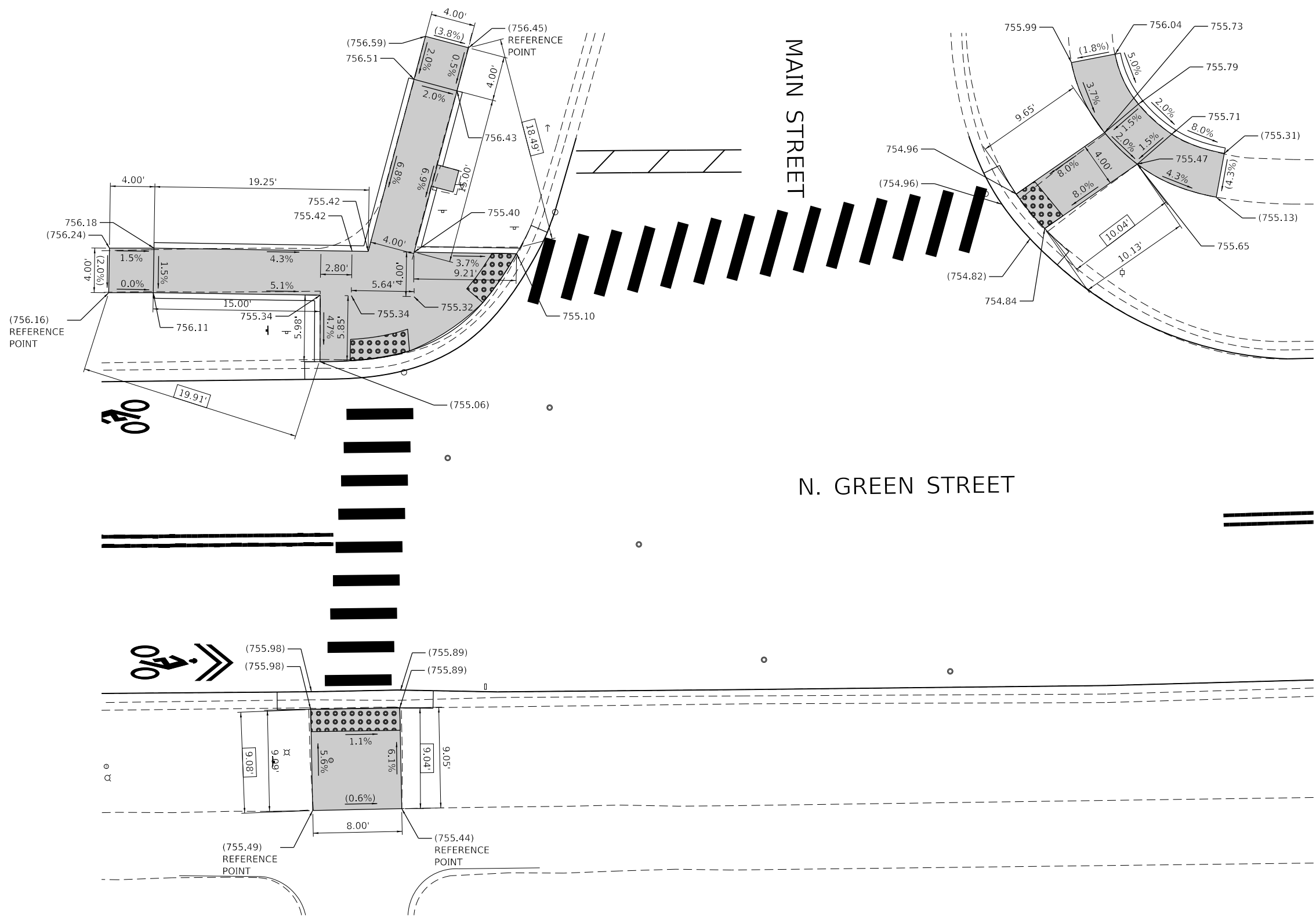
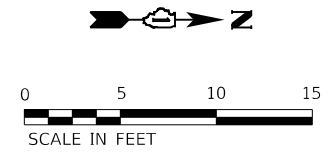
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN
GREEN STREET AT JOHN STREET

SCALE: 5' = 1" SHEET 13 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	24
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 61103



REFERENCE BENCHMARK ELEV.: 755.73
 BENCHMARK: EAST SIDE OF GREEN STREET
 LOCATION: HIGH SCHOOL MAIN ENTRANCE AND CENTERLINE OF MAIN STREET EXTENDED

LEGEND

XX.XX'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
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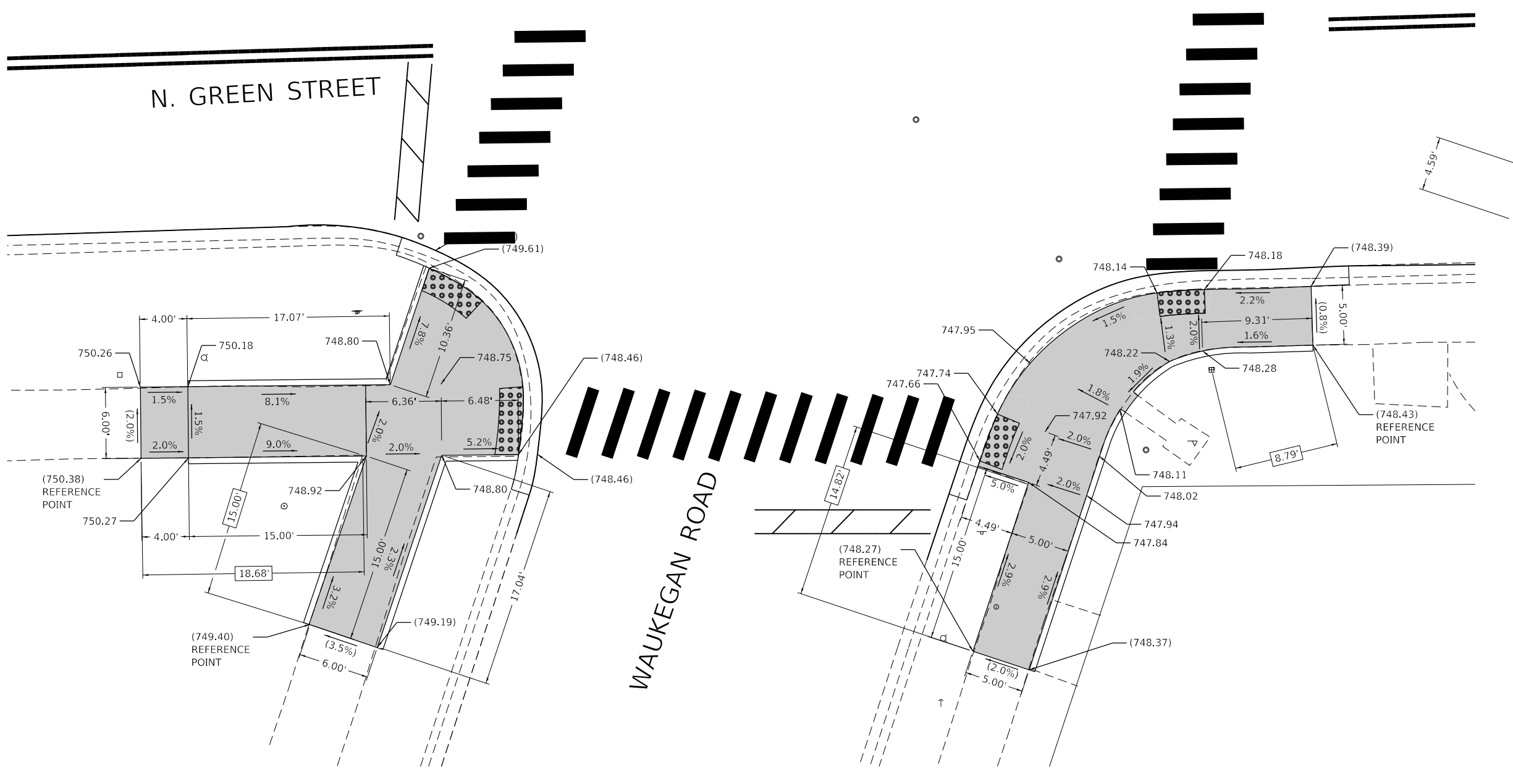


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PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK PLAN GREEN STREET AT MAIN STREET	
SCALE: 5' = 1"	SHEET 14 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	25
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61103	



REFERENCE BENCHMARK ELEV.: 750.71
 BENCHMARK: CUT 'X' ON SIDEWALK IN THE MEDIAN
 LOCATION: NORTHWEST OF MEDIAN OF INTERSECTION

LEGEND

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

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-5a.dgn
 PEN TABLE: 10/10/2022

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 Illinois Professional Design Firm
 #184-001322

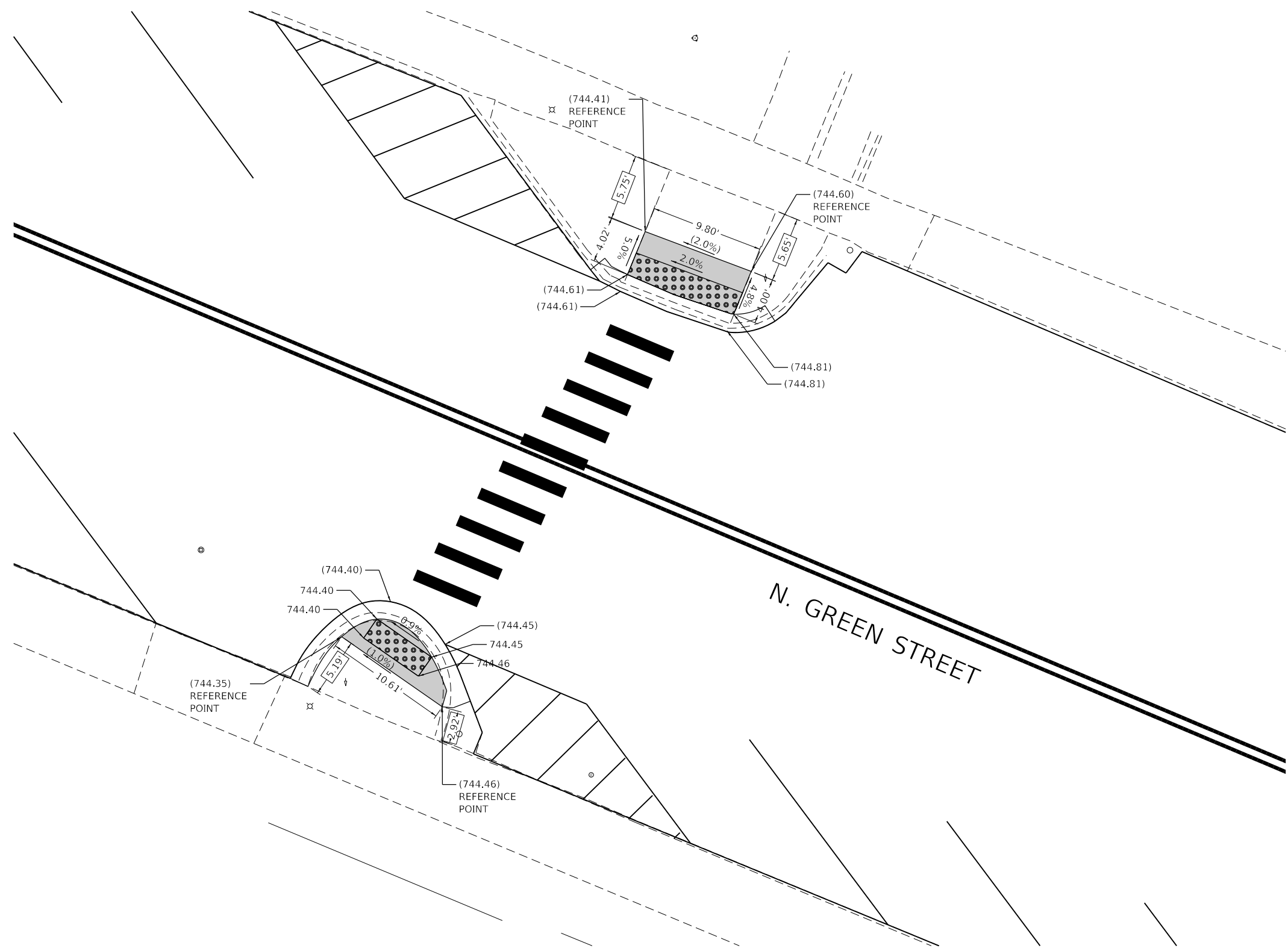
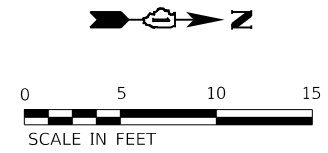
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	DRAWN - CW	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
 GREEN STREET AT WAUKEGAN ROAD**

SCALE: 5' = 1" SHEET 16 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	27
CONTRACT NO.				61103
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV.: 745.18
 BENCHMARK: MAG 3' NORTH OF TELMN
 LOCATION: NORTH EAST OF BRIDGE

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

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-amp-6.dgn
 PEN TABLE: PLOT LABEL.tbl



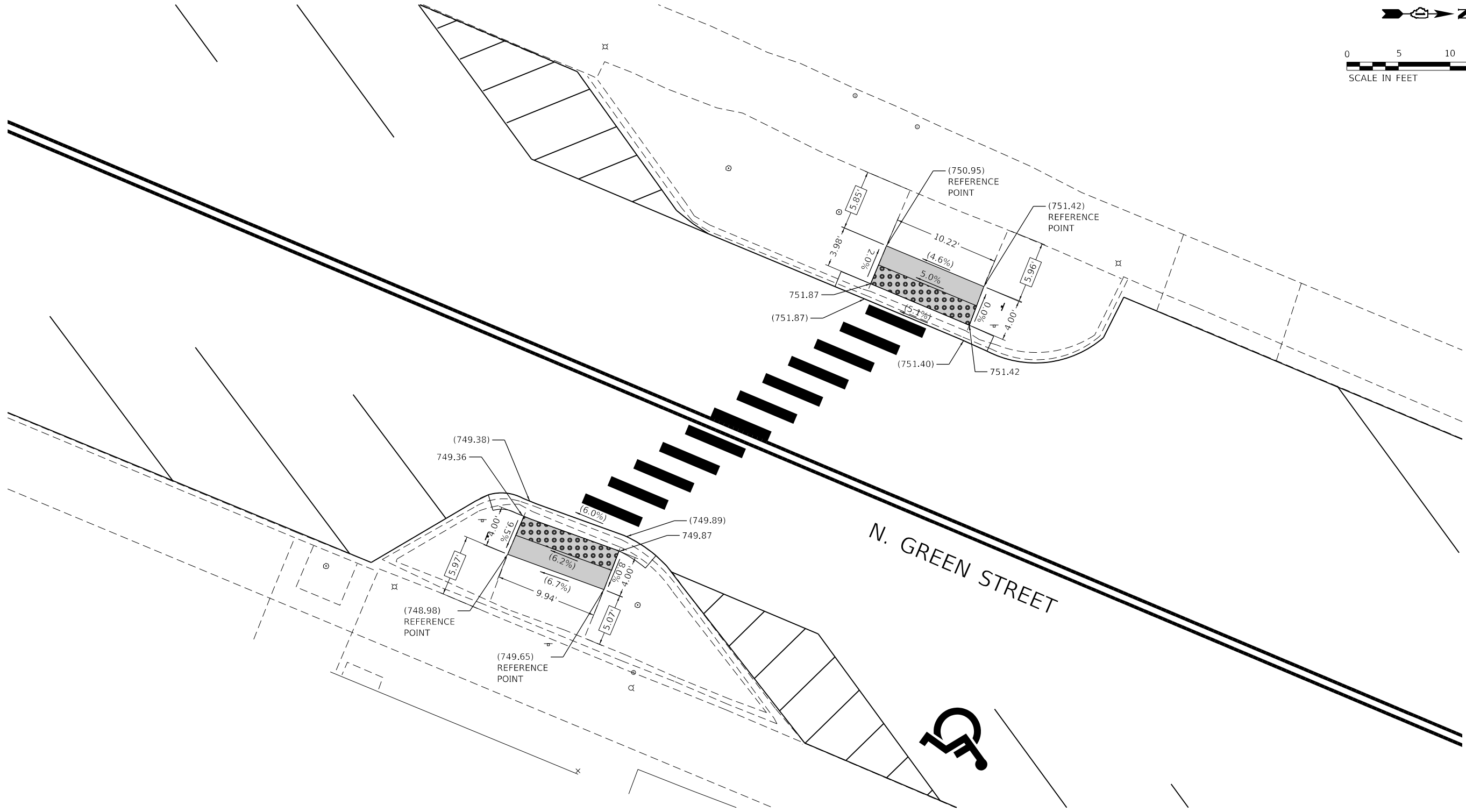
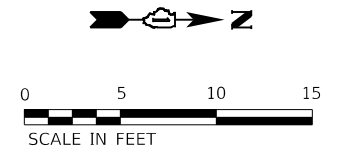
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PLOT SCALE = 10.0000' / 1"	DRAWN - CW	REVISED -
PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN
 GREEN STREET**

SCALE: 5' = 1" SHEET 17 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



REFERENCE BENCHMARK ELEV.: 745.18
 BENCHMARK: MAG 3' NORTH OF TELMN
 LOCATION: NORTH EAST OF BRIDGE

LEGEND	
XX.XX'	EXISTING LENGTH
==	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
[Gray Box]	PROPOSED SIDEWALK
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

XX XXXX
 XXXXX XX

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-shr-swr-camp-6a.dgn
 PEN TABLE: 1/10/2022.tbl



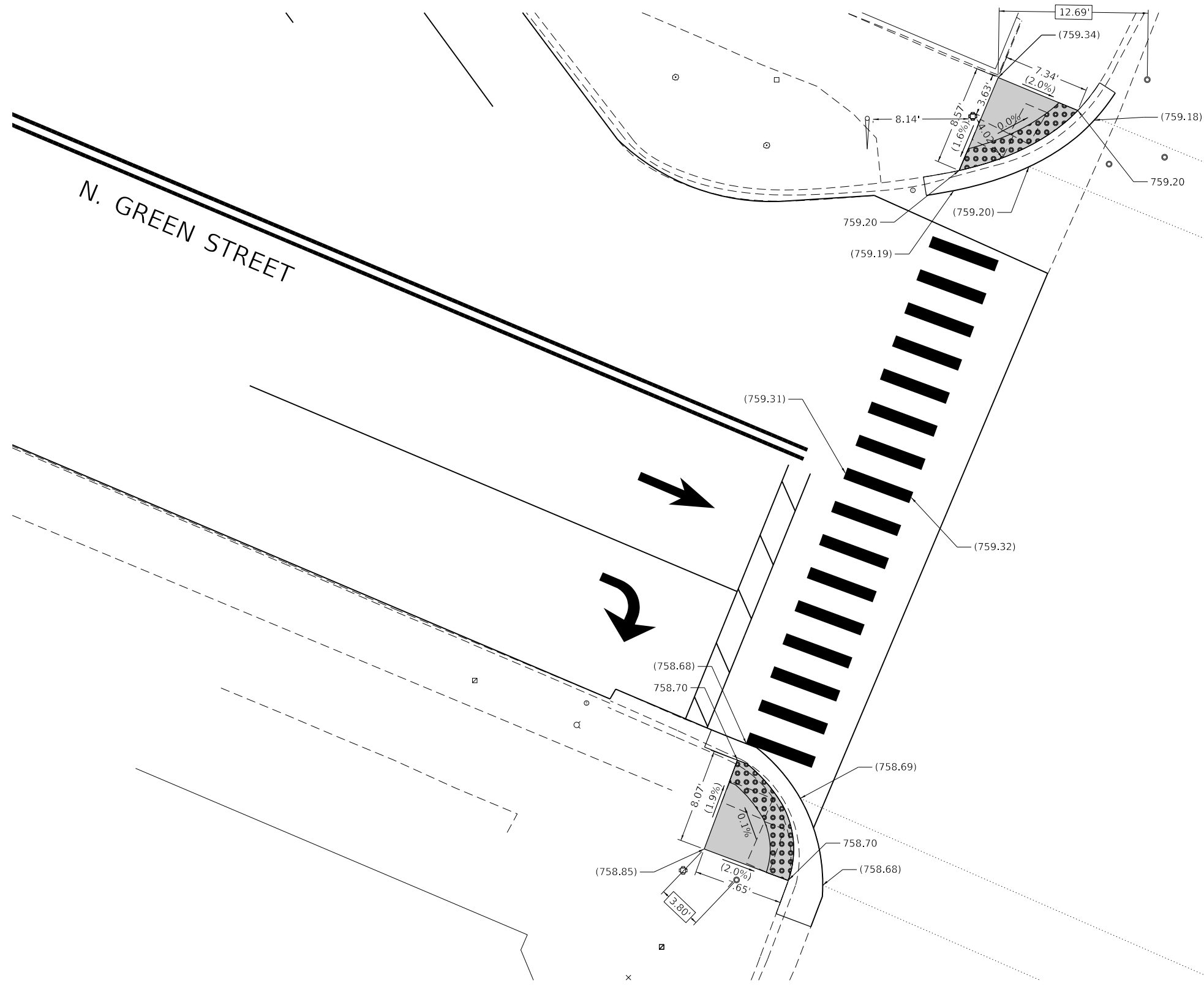
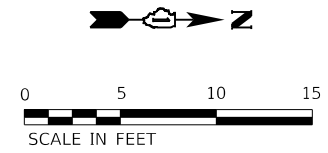
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	DRAWN - CW	REVISED -
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN
 GREEN STREET

SCALE: 5' = 1" SHEET 18 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	29
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



REFERENCE BENCHMARK ELEV.: 759.18
 BENCHMARK: CUT "X" IN CONCRETE RIM OF HANDHOLE
 LOCATION: TRAFFIC SIGNAL HANDHOLE AT SOUTHEAST CORNER OF GREEN STREET AT IL 120

LEGEND	
XX.XX'	EXISTING LENGTH
==	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

HRG PROJECT NO.: 200633
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 FILE NAME: 200633-shr-swr-camp-17.dgn
 PEN TABLE: 1/10/2022.tbl



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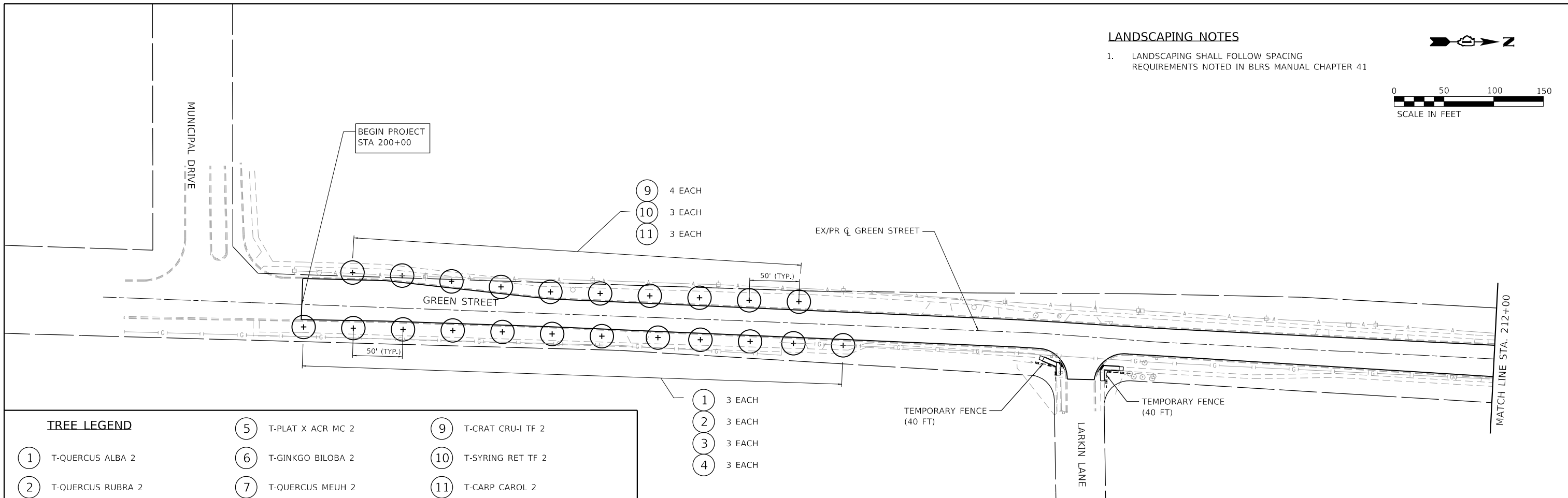
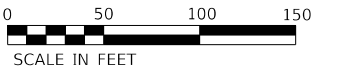
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK PLAN GREEN STREET AT IL ROUTE 120			
SCALE: 5' = 1"	SHEET 19 OF 19 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	30
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 61103

LANDSCAPING NOTES

- LANDSCAPING SHALL FOLLOW SPACING REQUIREMENTS NOTED IN BLRS MANUAL CHAPTER 41

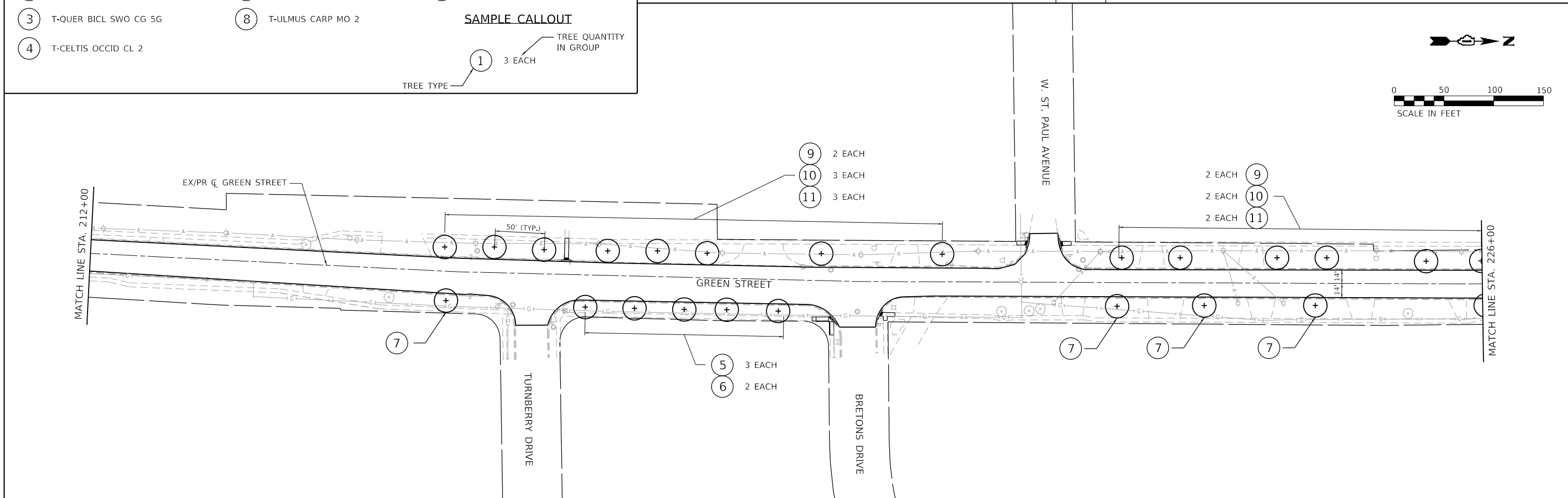
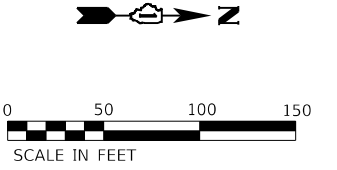


TREE LEGEND

① T-QUERCUS ALBA 2	⑤ T-PLAT X ACR MC 2	⑨ T-CRAT CRU-1 TF 2
② T-QUERCUS RUBRA 2	⑥ T-GINKGO BILOBA 2	⑩ T-SYRING RET TF 2
③ T-QUER BICL SWO CG 5G	⑦ T-QUERCUS MEUH 2	⑪ T-CARP CAROL 2
④ T-CELTIS OCCID CL 2	⑧ T-ULMUS CARP MO 2	

SAMPLE CALLOUT

TREE TYPE ① 3 EACH TREE QUANTITY IN GROUP



HRG PROJECT NO: 200633
 HRG PROJ CONTACT:
 FILE NAME: 200633-shr-landscp-00.dgn
 PEN TABLE: penTable.tbl



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DRAWN - CW	REVISOR -	
PLOT SCALE = 100.0000' / 1" =	CHECKED - BH	REVISOR -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

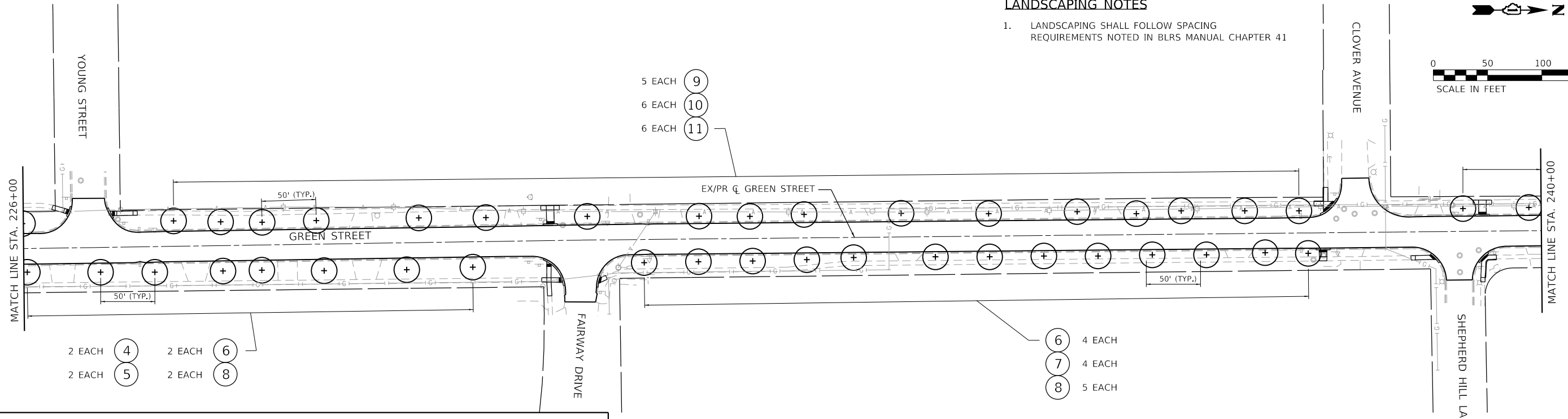
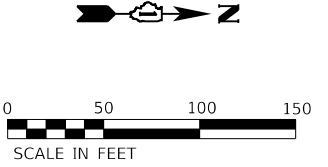
LANDSCAPING PLAN

SCALE: 50' = 1" SHEET 1 OF 3 SHEETS STA. 200+00.00 TO STA. 226+00.00

F.A.U. RFE. 87	SECTION NO. 20-00087-00-RS	COUNTY MCHENRY	TOTAL SHEETS 43	SHEET NO. 31
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61103

LANDSCAPING NOTES

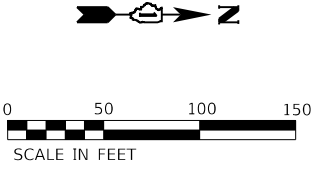
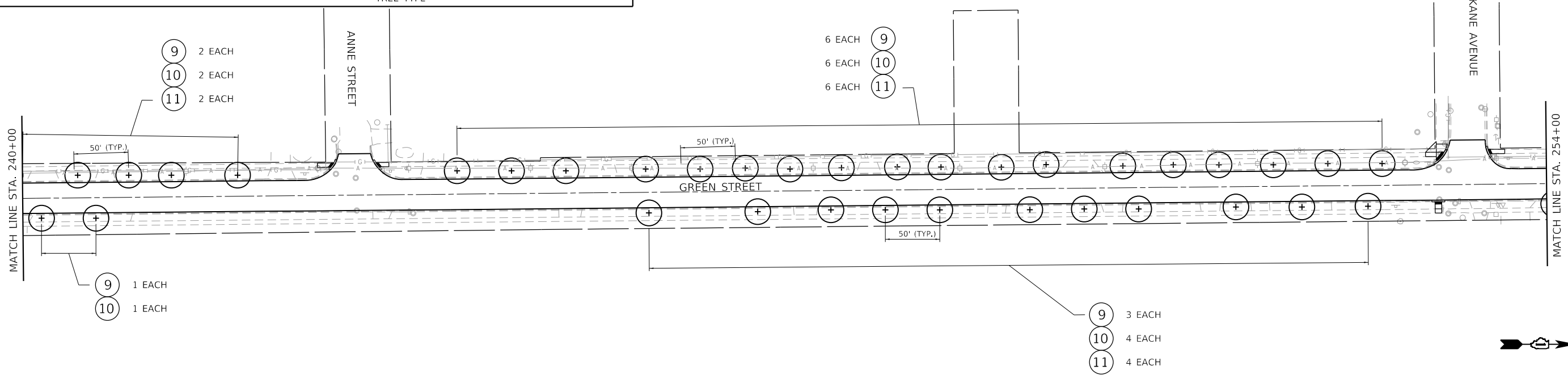
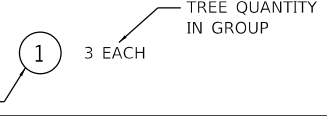
1. LANDSCAPING SHALL FOLLOW SPACING REQUIREMENTS NOTED IN BLRS MANUAL CHAPTER 41



TREE LEGEND

① QUERCUS ALBA	⑤ T-PLAT X ACR MC 2	⑨ T-CRAT CRU-1 TF 2
② QUERCUS RUBRA	⑥ T-GINKGO BILOBA 2	⑩ T-SYRING RET TF 2
③ QUERCUS BICOLOR	⑦ T-QUERCUS MEUH 2	⑪ T-CARP CAROL 2
④ CELTIS OCCIDENTALIS	⑧ T-ULMUS CARP MO 2	

SAMPLE CALLOUT



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 FILE NAME: 200633-shr-landscp-02.dgn
 PEN TABLE: 1/10/2022.tbl

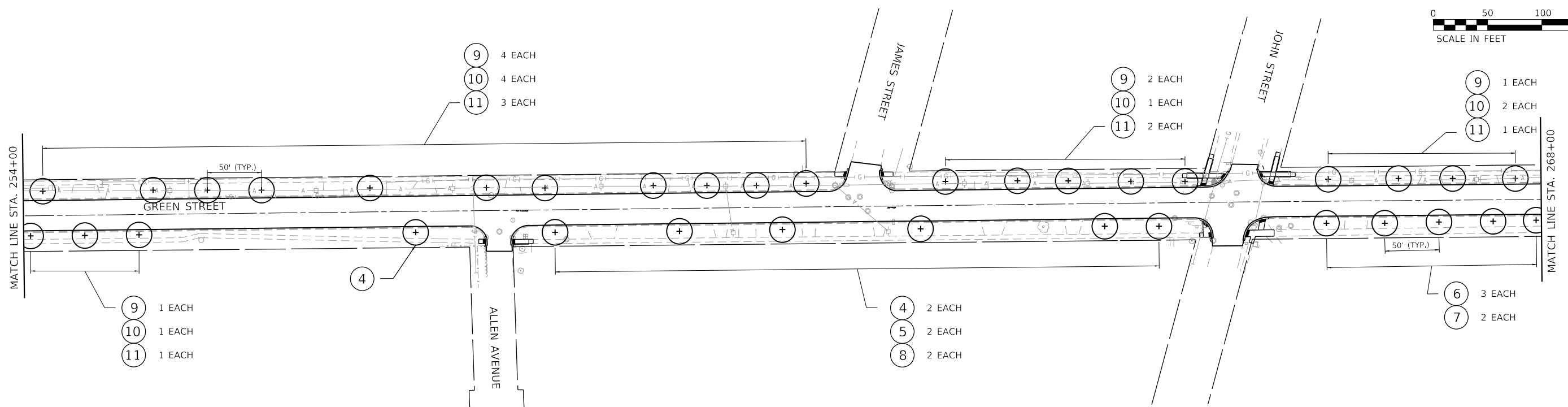
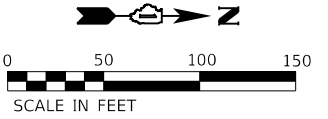


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PLOT SCALE = 100.0000' / 1"	DRAWN - CW	REVISED -
PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN
SCALE: 50' = 1" SHEET 2 OF 3 SHEETS STA. 226+00.00 TO STA. 254+00.00

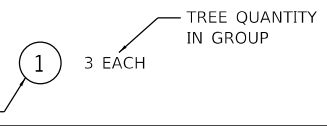
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	32
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61103	



TREE LEGEND

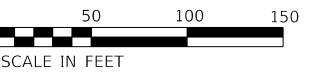
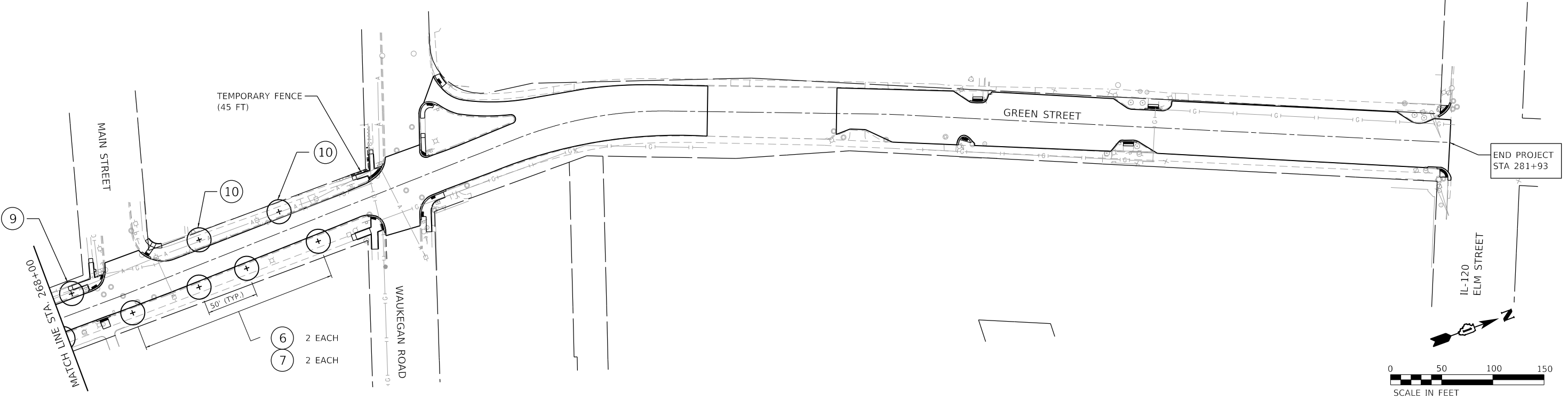
① QUERCUS ALBA	⑤ T-PLAT X ACR MC 2	⑨ T-CRAT CRU-1 TF 2
② QUERCUS RUBRA	⑥ T-GINKGO BILOBA 2	⑩ T-SYRING RET TF 2
③ QUERCUS BICOLOR	⑦ T-QUERCUS MEUH 2	⑪ T-CARP CAROL 2
④ CELTIS OCCIDENTALIS	⑧ T-ULMUS CARP MO 2	

SAMPLE CALLOUT



LANDSCAPING NOTES

1. LANDSCAPING SHALL FOLLOW SPACING REQUIREMENTS NOTED IN BLRS MANUAL CHAPTER 41



HRG PROJECT NO: 200633
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 PEN TABLE: penTable.tbl



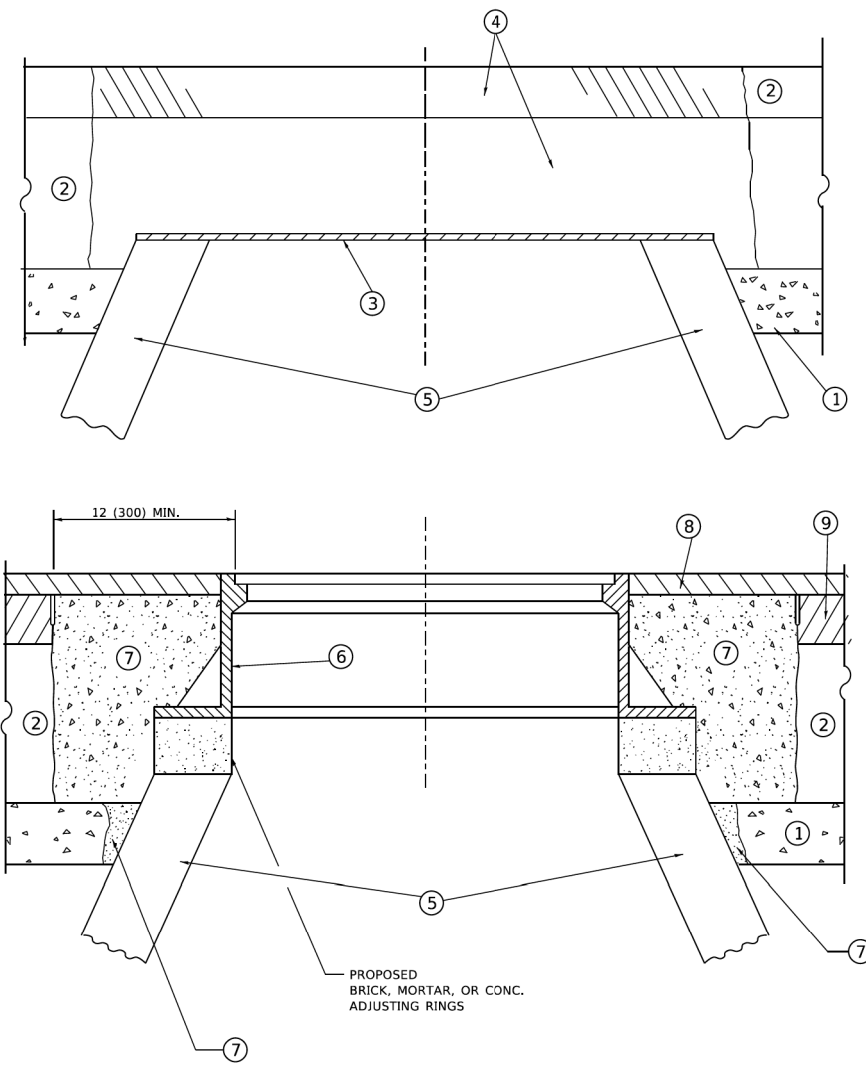
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PLOT SCALE = 100.0000' / 1"	DRAWN - CW	REVISED -
PLOT DATE = 9/6/2022	CHECKED - BH	REVISED -
	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN

SCALE: 50' = 1" SHEET 3 OF 3 SHEETS STA. 254+00.00 TO STA. 281+93.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

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

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).
- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-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, 405, 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

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = oemanchelt DESIGNED - R. SHAH DRAWN - PLOT SCALE = 100.0000' / in. CHECKED - PLOT DATE = 2/2/2022	DESIGNED - R. SHAH DRAWN - CHECKED - DATE - 10-25-94	REVISED - R. BORO 01-01-07 REVISED - R. BORO 03-09-11 REVISED - R. BORO 12-06-11 REVISED - K. SMITH 02-01-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.
			BD600-03 (BD-08)		CONTRACT NO.
			ILLINOIS FED. AID PROJECT		

USER NAME = bharto DESIGNED - CW DRAWN - CW PLOT SCALE = 33.3330' / in. CHECKED - BH PLOT DATE = 9/6/2022	DESIGNED - CW DRAWN - CW CHECKED - BH DATE - 9/1/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE DETAILS BD-08	F.A. RTE. SECTION NO. COUNTY TOTAL SHEETS SHEET NO.
			SCALE: N.T.S.	SHEET 1 OF 9 SHEETS	STA. TO STA.
			87		20-00087-00-RS
			MCHENRY		43
			CONTRACT NO.		6103
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

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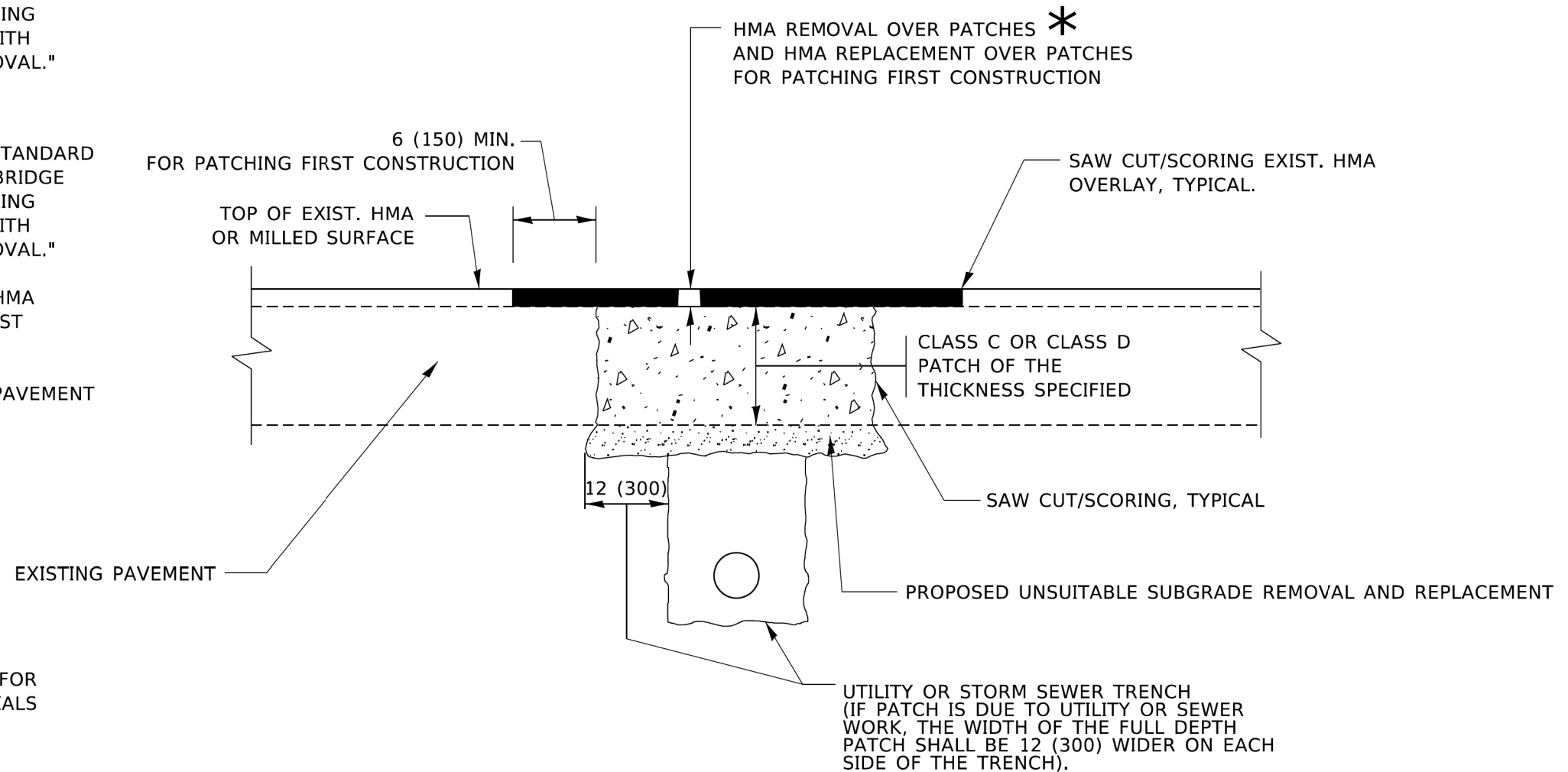
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--	--	--

METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

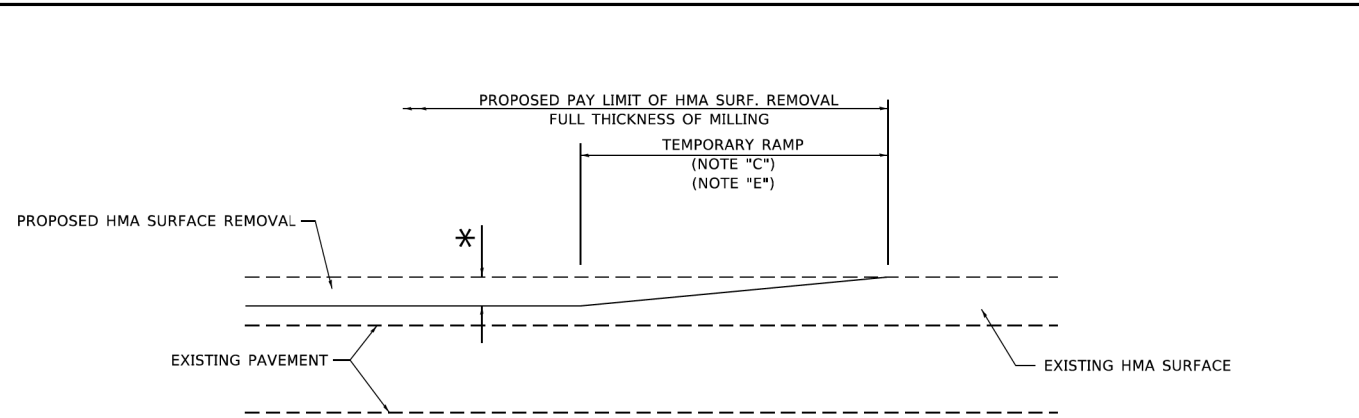
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	BD400-04 (BD-22)	CONTRACT NO.		
	PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. ENG 10-27-08		ILLINOIS FED. AID PROJECT							
			REVISED - K. SMITH 02-01-22									

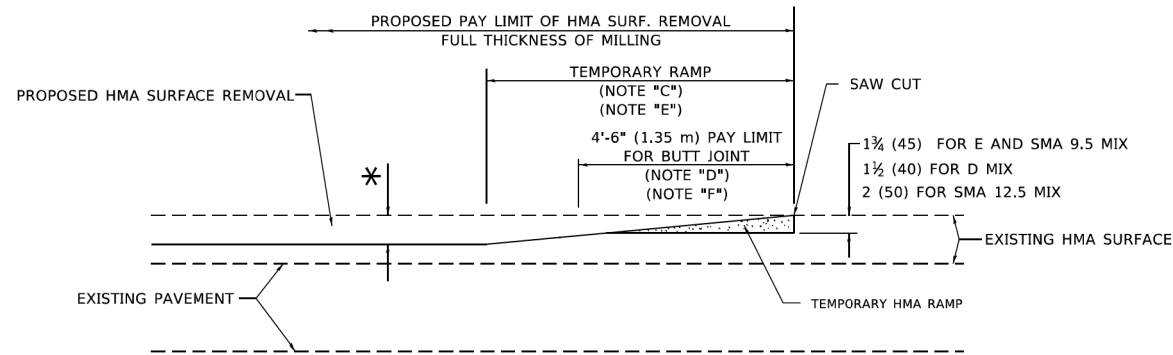
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		PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
				REVISED -		CONTRACT NO. 61103								



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

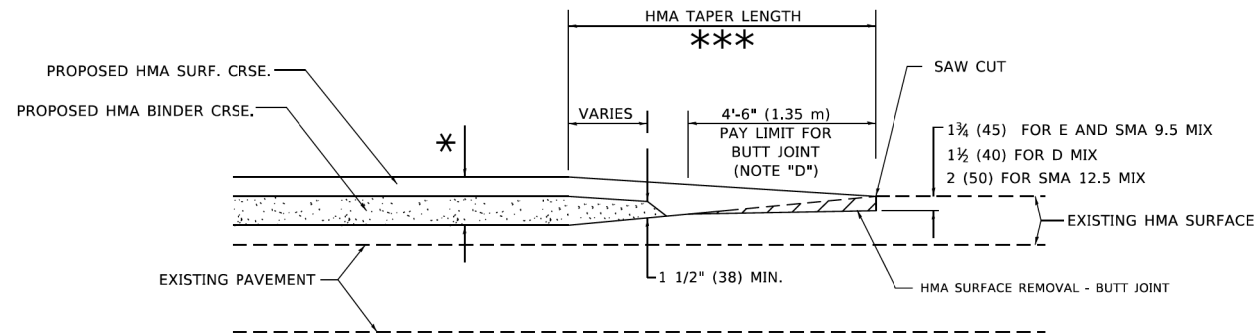


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

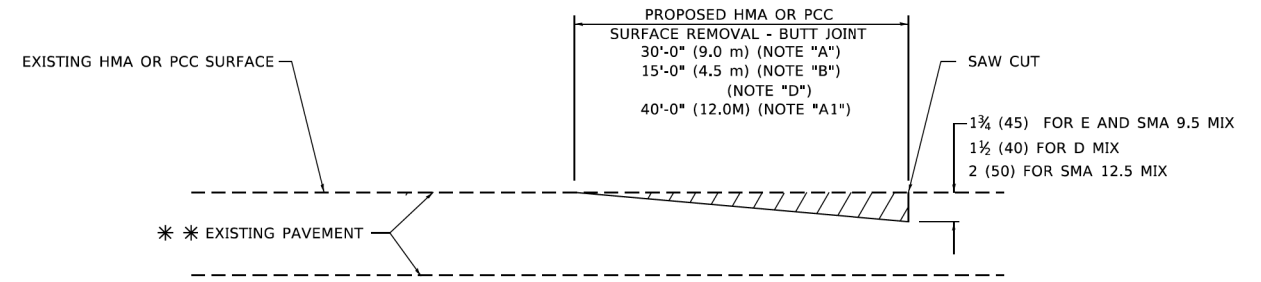
OPTION 2

TYPICAL TEMPORARY RAMP

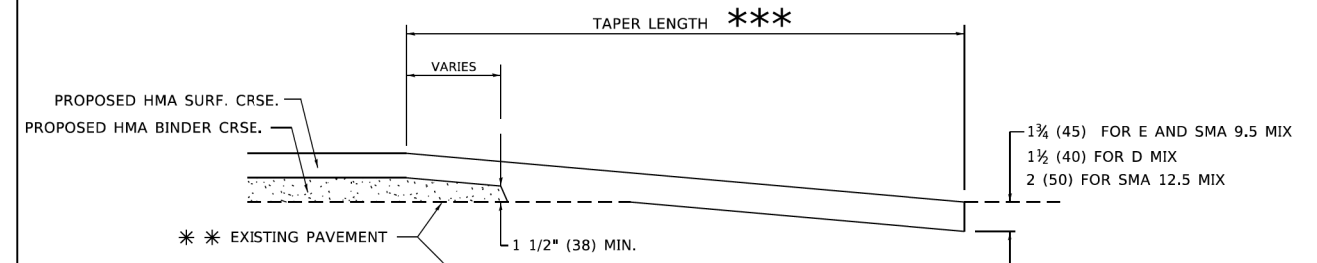


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

GENERAL NOTES

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

BASIS OF PAYMENT

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

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

USER NAME = oemanchelt	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
DRAWN -	REVISOR - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD-32			
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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Micro Professional Design Firm
#184-001322

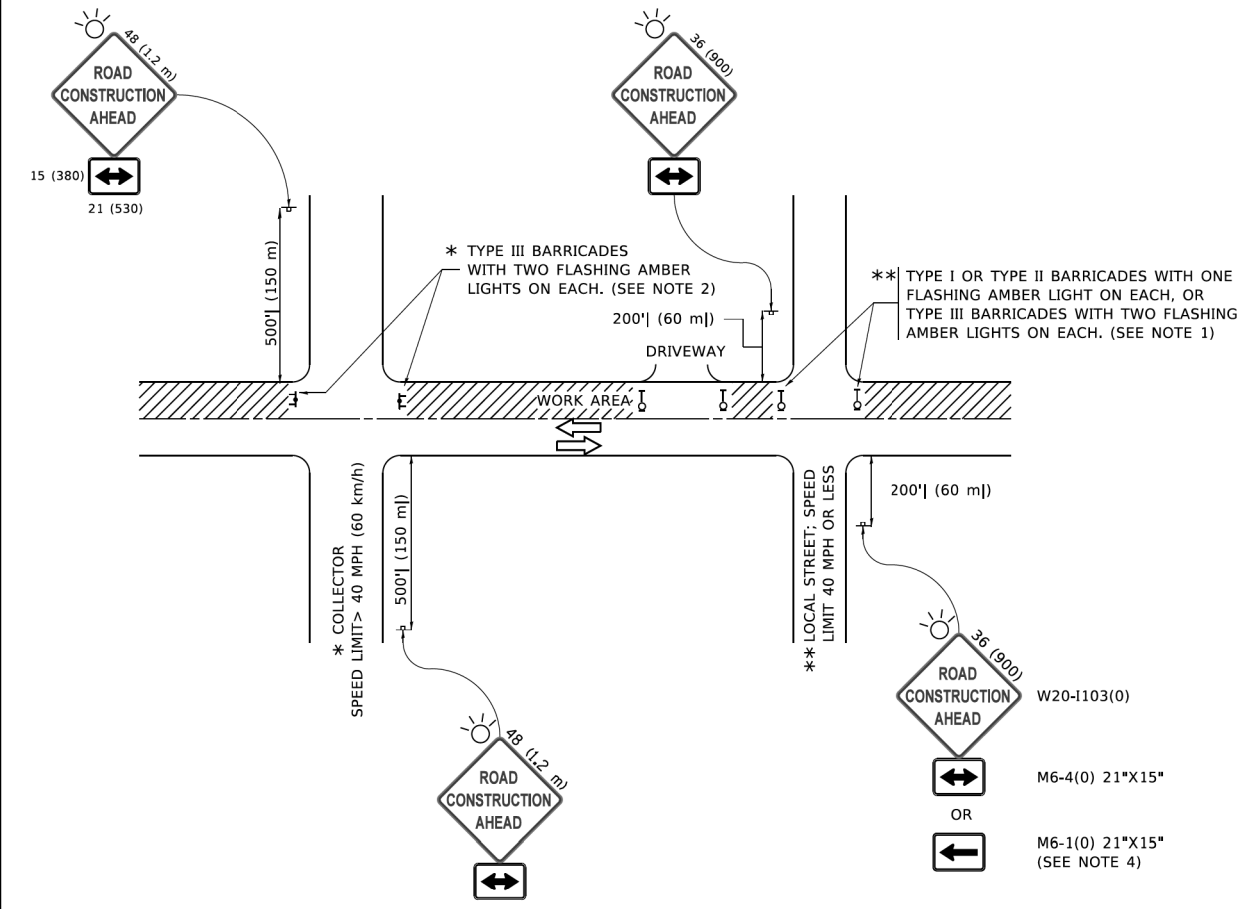
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DRAWN - CW	REVISOR -	
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PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAILS
BD-32

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	36
CONTRACT NO.			61103	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: N.T.S. SHEET 3 OF 9 SHEETS STA. TO STA.



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

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

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USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
DRAWN -	REVISOR - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE				SHEET 1 OF 1 SHEETS STA. TO STA.				TC-10		CONTRACT NO.		
								ILLINOIS FED. AID PROJECT				

HRG PROJECT NO.: 200633
HRG PROJ. CONTACT:
FILE NAME: 200633-shr-cdr-1.cdr
PEN TABLE: 10/10/2019



USER NAME = bharto	DESIGNED - CW	REVISED -
DRAWN - CW	REVISOR -	
PLOT SCALE = 33.3349" / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DISTRICT ONE DETAILS TC-10				F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.				SHEET 4 OF 9 SHEETS STA. TO STA.				TC-10		CONTRACT NO. 61103		
								ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

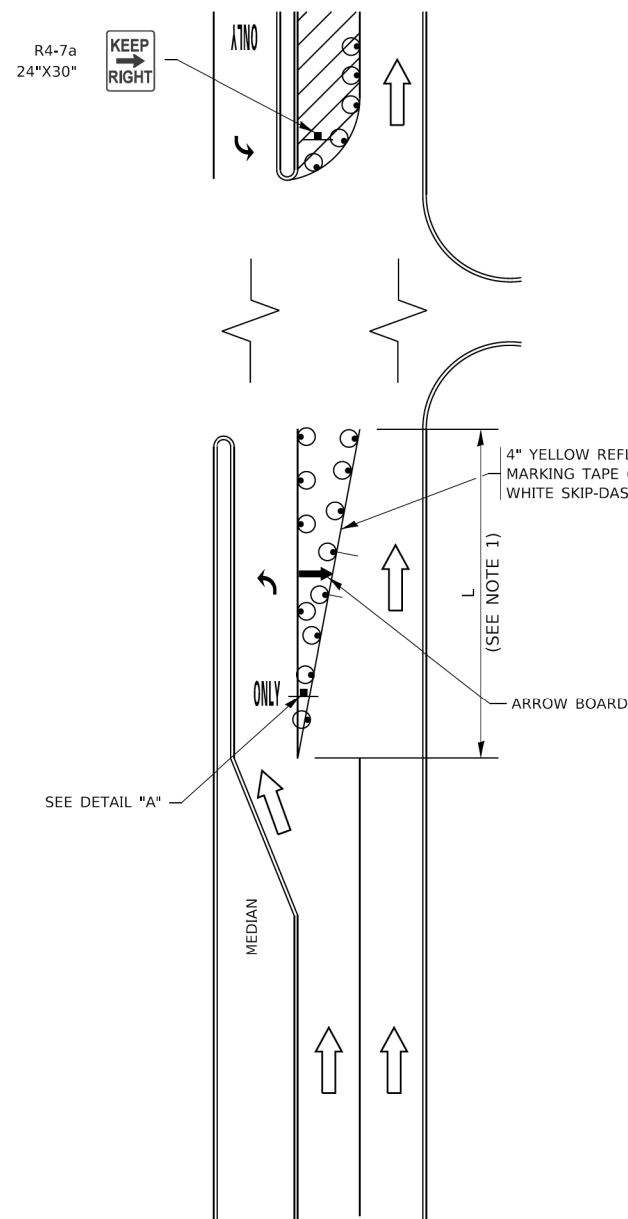


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

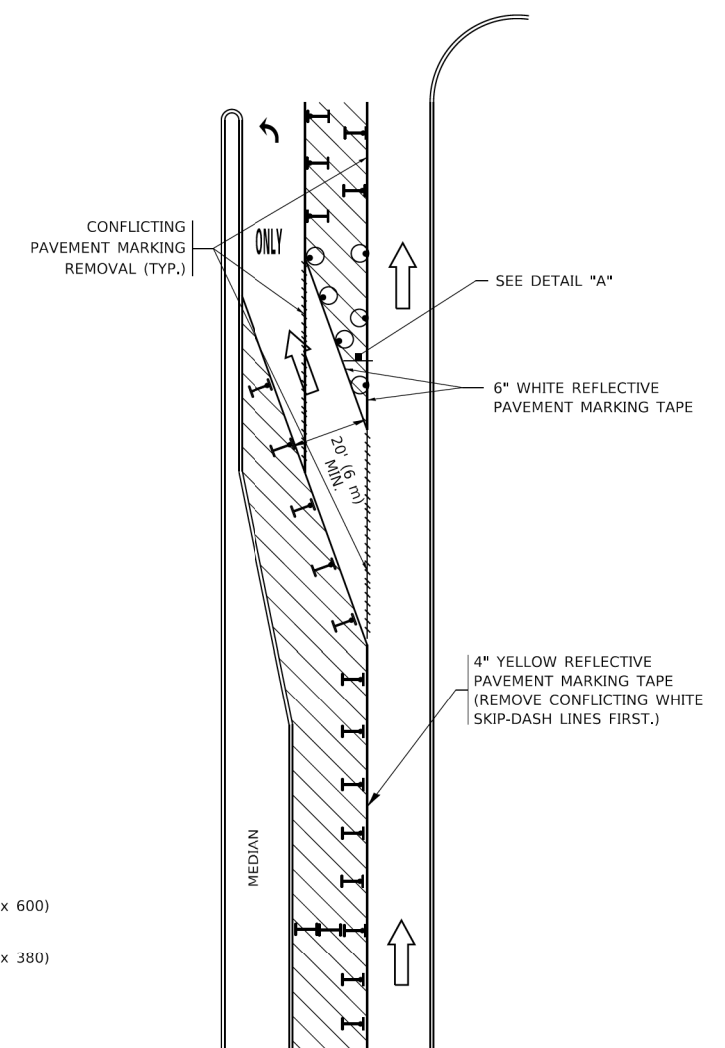


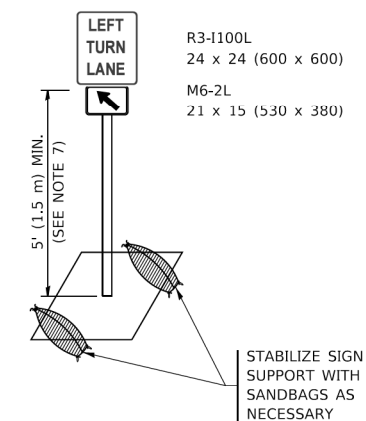
FIGURE 2

LEGEND

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

NOTES:

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



DETAIL A

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

USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 50.0000" / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-14			
ILLINOIS FED. AID PROJECT			CONTRACT NO.	

HRG PROJECT NO.: 200633
 HRG PROJ. CONTACT:
 FILE NAME: 200633-SHT-06T-TC14.dgn
 PEN TABLE: 10/10/06/04/01

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

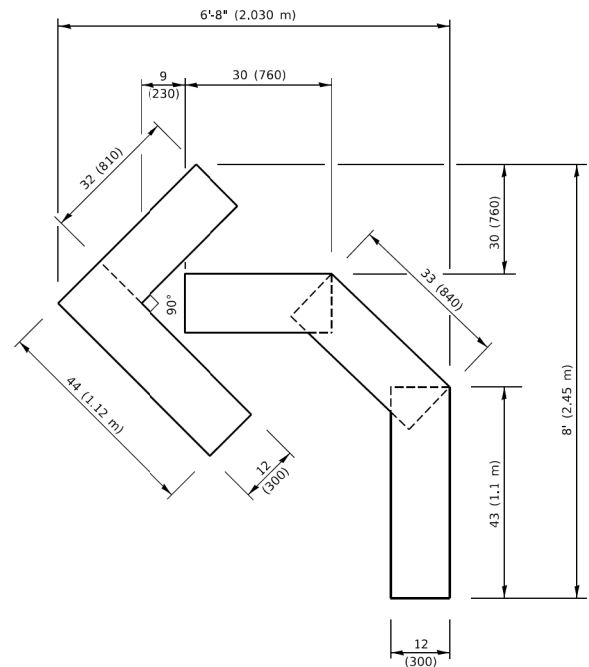
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	DRAWN - CW	REVISED -
PLOT SCALE = 33.3349" / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

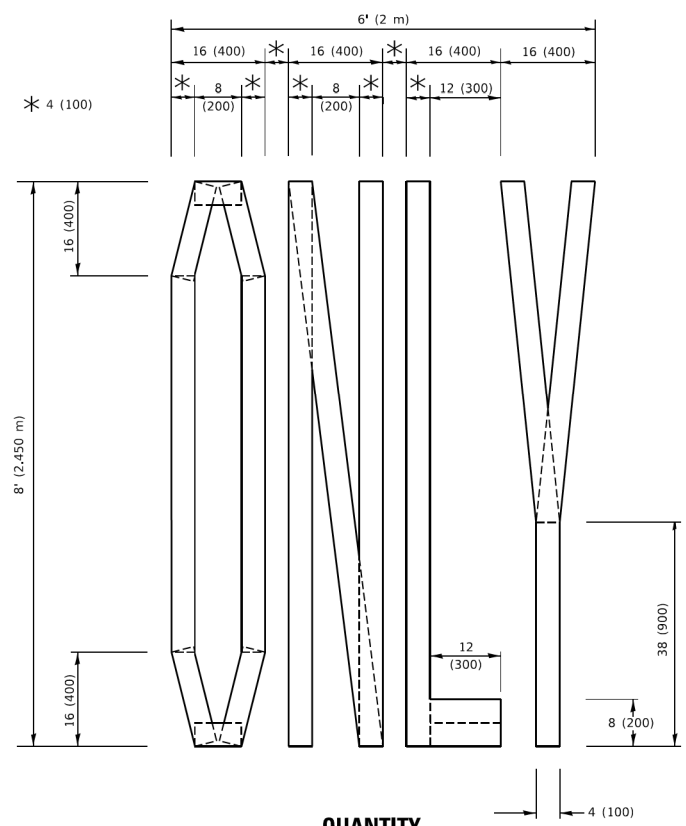
**DISTRICT ONE DETAILS
TC-14**

SCALE: N.T.S. SHEET 6 OF 9 SHEETS STA. TO STA.

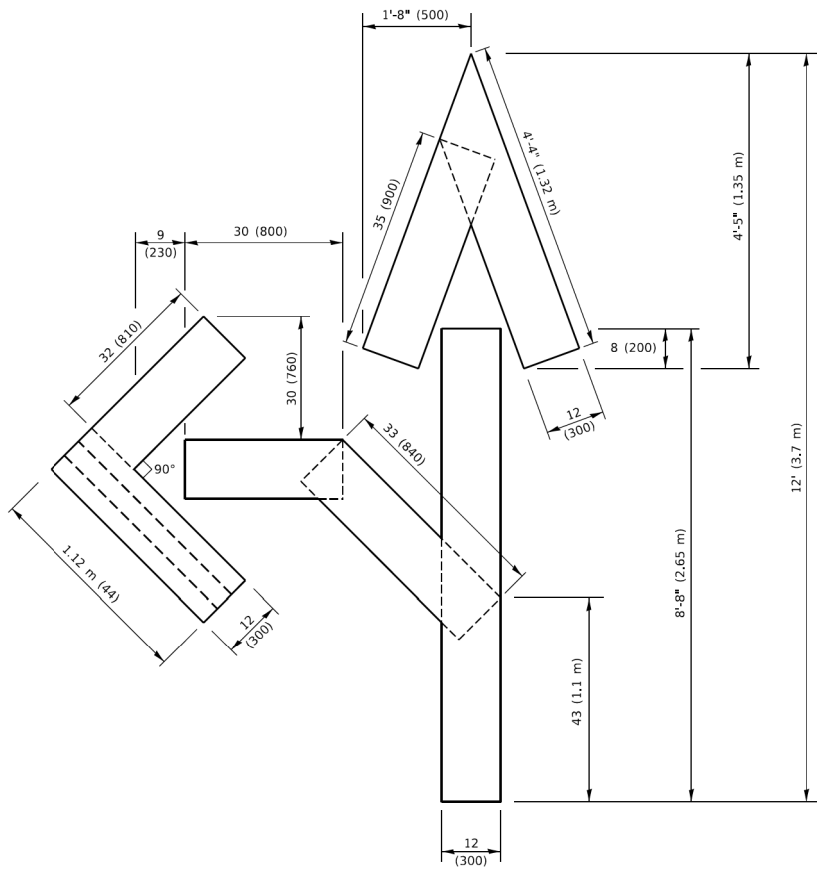
F.A. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-R5	MCHENRY	43	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61103	



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

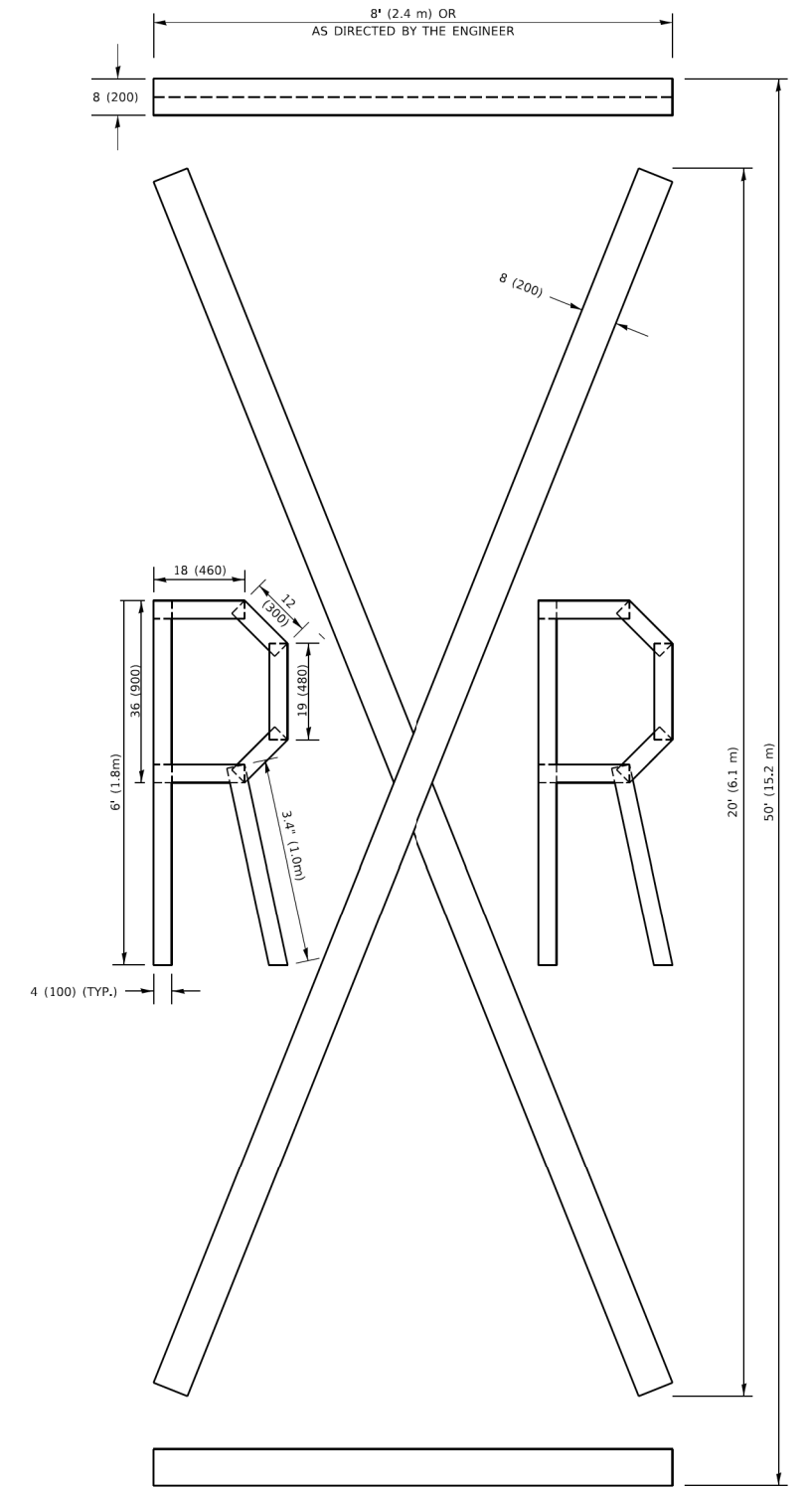


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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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USER NAME = footej	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			TC-16		CONTRACT NO.		
			ILLINOIS		FED. AID PROJECT		

HRG PROJECT NO.: 200633
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 FILE NAME: 200633-SHT-06T-TC16.dgn
 PEN TABLE: 10/10/2016

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bharto	DESIGNED - CW	REVISED -
	DRAWN - CW	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

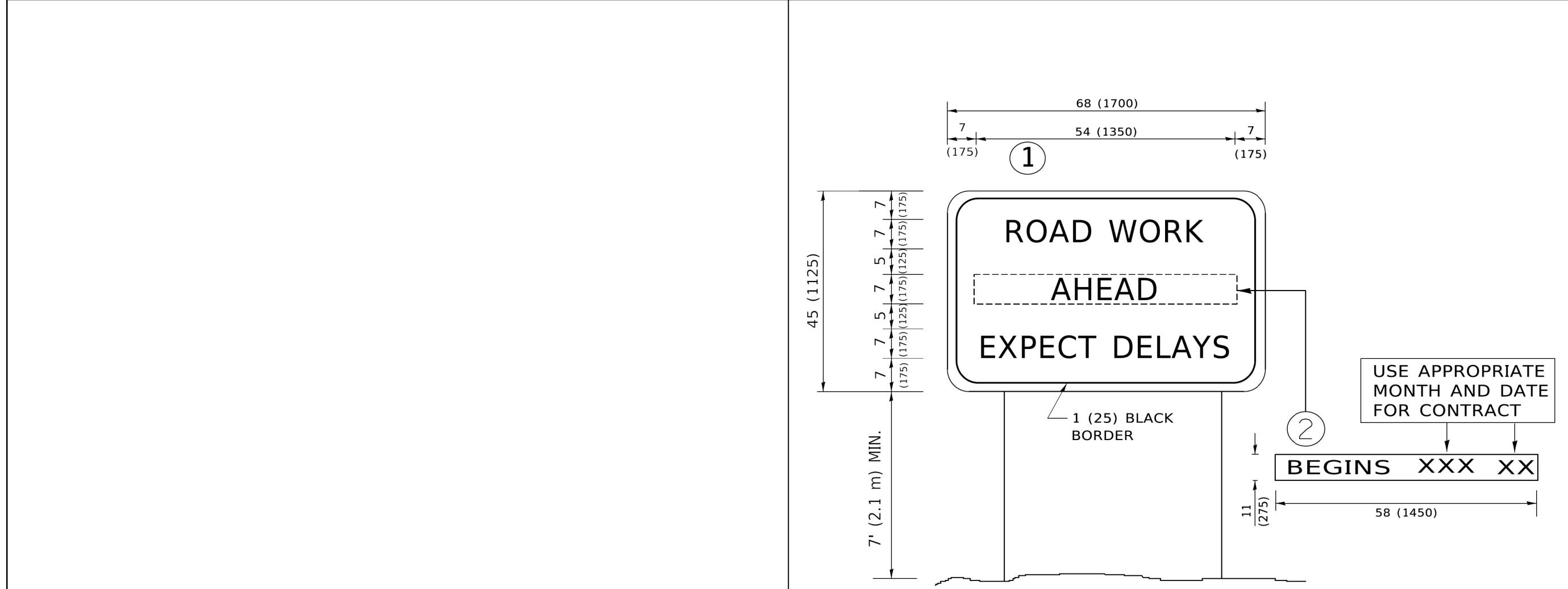
**DISTRICT ONE DETAILS
 TC-16**

SCALE: N.T.S.	SHEET 7 OF 9 SHEETS	STA. TO STA.	F.A. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
			87	20-00087-00-RS	MCHENRY	43	40
			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	40
CONTRACT NO.			61103	

HRG PROJECT NO.: 200633
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NOTES:

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

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

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PLOT SCALE = 50.0000 "/in.	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE = 3/4/2019	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ARTERIAL ROAD INFORMATION SIGN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								TC-22		CONTRACT NO.		
				SCALE: NONE				SHEET 1 OF 1 SHEETS		STA. TO STA.		
								ILLINOIS		FED. AID PROJECT		

USER NAME = bhar-ma	DESIGNED - CW	REVISED -
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	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DISTRICT ONE DETAILS TC-22				F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.	
								87		20-00087-00-RS		MCHENRY 43 41	
				SCALE: N.T.S.				SHEET 8 OF 9 SHEETS		STA. TO STA.			
								ILLINOIS		FED. AID PROJECT			





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

NOTES:

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

HRG PROJECT NO.: 200633
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USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -	TC-26			CONTRACT NO.				
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PLOT DATE = 8/6/2021	DATE -	REVISED -							



USER NAME = bhartna	DESIGNED - CW	REVISED -
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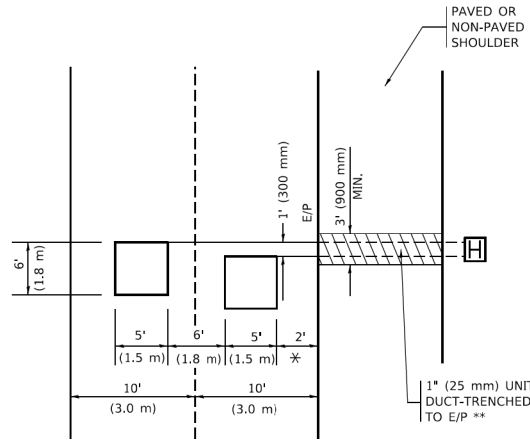
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE DETAILS			
TC-26			
SCALE: N.T.S.	SHEET 9 OF 9 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	42
CONTRACT NO.			61103	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

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



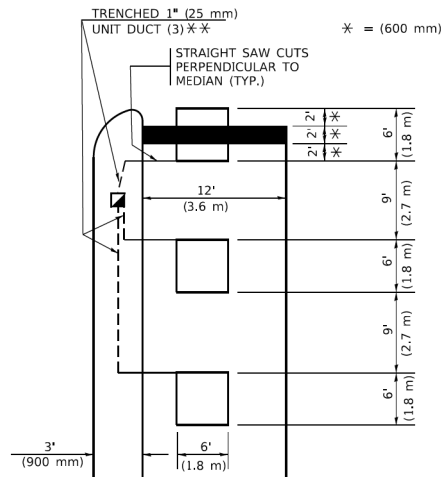
* = (600 mm)

** 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.



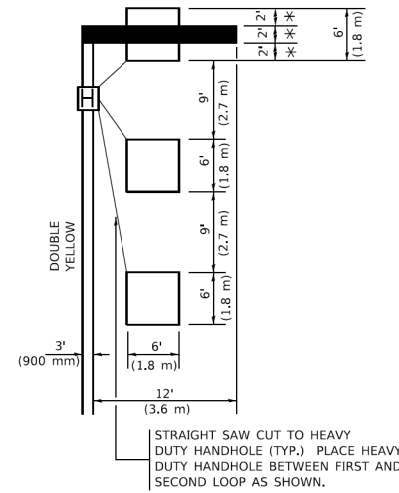
** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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)

* = (600 mm)



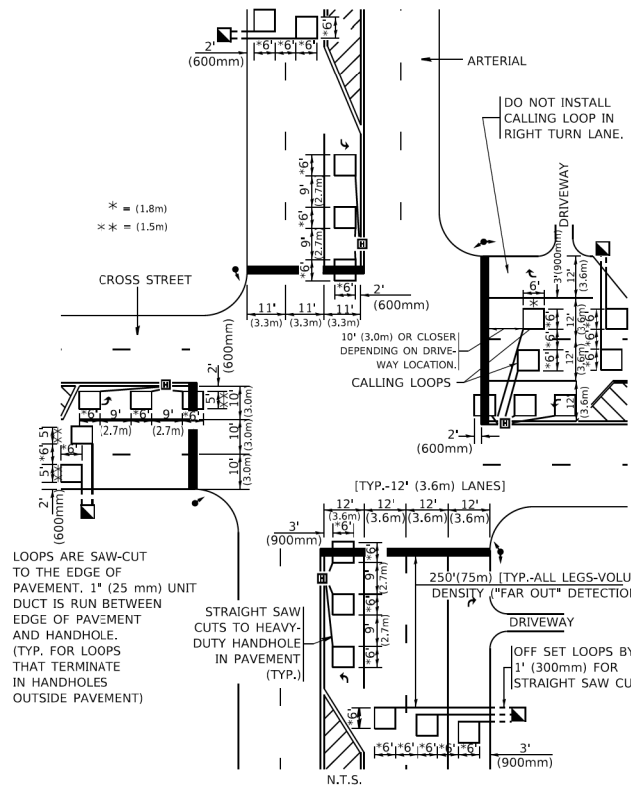
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

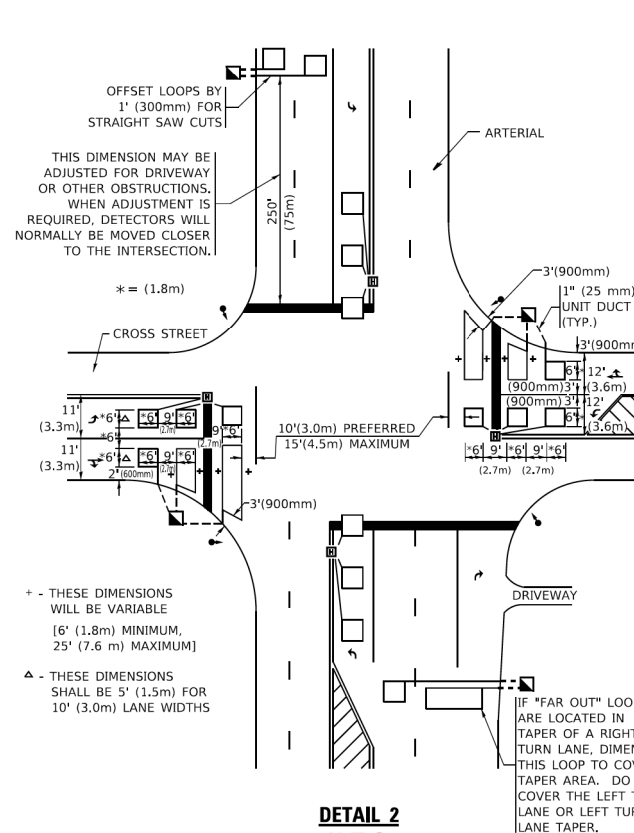
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR 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.

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

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.

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PLOT SCALE = 50.0000" / in.	CHECKED - R.K.F.	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING		
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-07			
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

HRG PROJECT NO: 200633
HRG PROJ CONTACT:
FILE NAME: 200633-shr-06r-1-07.dwg
PEN TABLE: p:\table\p110104.tbl

HRGreen.com
Micro Professional Design Firm
#184-001322

USER NAME = bhar-tmo	DESIGNED - CW	REVISED -
PLOT SCALE = 33.3349" / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/6/2022	DATE - 9/1/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT ONE DETAILS TS-07		
SCALE: N.T.S.	SHEET 9 OF 9 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
87	20-00087-00-RS	MCHENRY	43	43
		CONTRACT NO. 61103		
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		