

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	1
		ILLINOIS	CONTRACT NO. 62U11	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

IMPROVEMENTS ARE LOCATED IN THE VILLAGES OF BERKELY, INVERNESS AND FRANKFORT, THE TOWNSHIPS OF MANHATTAN AND WILTON AND THE CITY OF CHICAGO

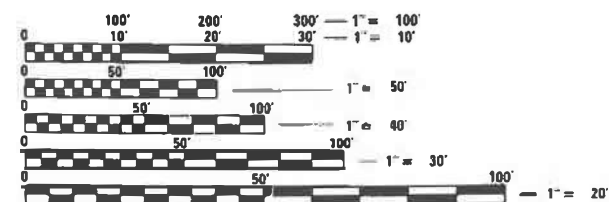
TRAFFIC DATA:
US ROUTE 30 (OTHER PRINCIPAL ARTERIAL)
2021 ADT=18,900 VPD
POSTED AND DESIGN SPEED LIMIT=45 MPH

TRAFFIC DATA:
US ROUTE 52 (MINOR ARTERIAL)
2021 ADT=4,600 VPD
POSTED AND DESIGN SPEED LIMIT=55 MPH

TRAFFIC DATA:
115TH STREET (MAJOR COLLECTOR)
2022 ADT=10,900 VPD
POSTED AND DESIGN SPEED LIMIT=30 MPH

TRAFFIC DATA:
TAFT AVENUE (LOCAL ROAD)
2022 ADT=6,500 VPD
POSTED AND DESIGN SPEED LIMIT=30 MPH

TRAFFIC DATA:
PALATINE ROAD (MINOR ARTERIAL)
2022 ADT=11,800 VPD
POSTED AND DESIGN SPEED LIMIT=40 MPH



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

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

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62U11

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES, VARIOUS LOCATIONS
F.A.P. ROUTE 353 (US 30)
BETWEEN 84TH AVENUE AND 82ND AVENUE
F.A.P. ROUTE 852 (US 52)
AT DRAVES ROAD AND OFFNER ROAD
F.A.U. ROUTE 1582 (115TH STREET) AT HOMAN AVENUE
O.R. ROUTE 15 (TAFT AVENUE) AT ELM AVENUE
F.A.U. ROUTE 1285 (PALATINE ROAD) WEST OF ROSELLE ROAD

SECTION 2022 VARIOUS DRAINAGE

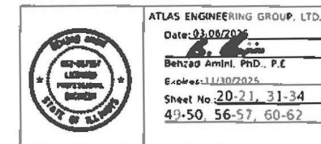
**DRAINAGE IMPROVEMENTS
COOK AND WILL COUNTY**

C-91-012-23

FOR LOCATION MAPS, SEE SHEET NO. 2



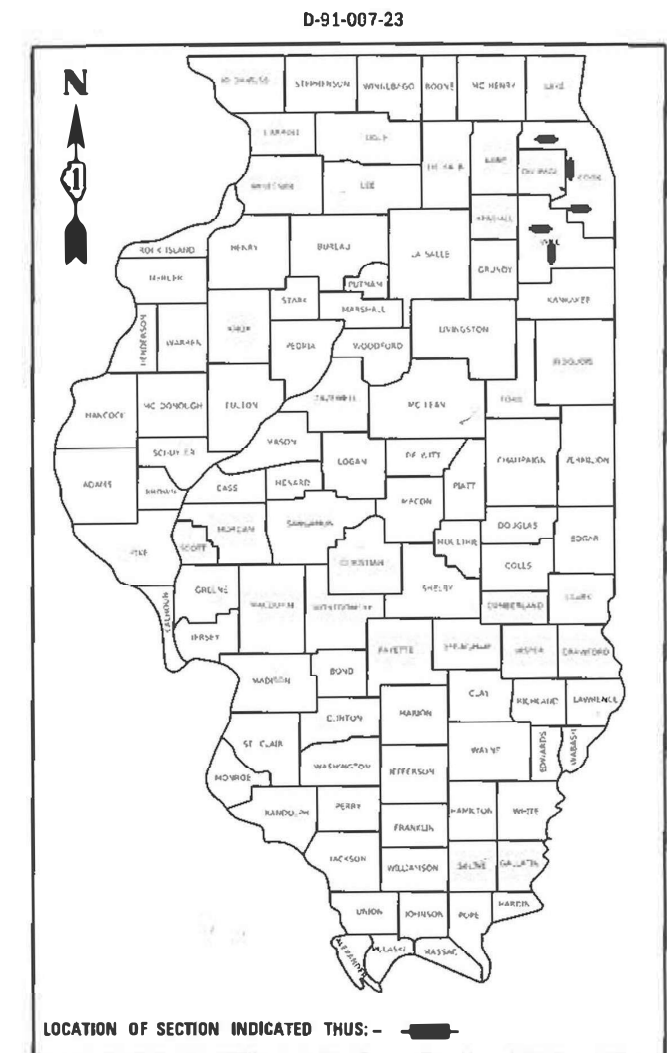
Timothy Chin
Date 5/30/2025
Timothy Chin
Illinois Registered Engineer No. 062-056204
Registration Expires Nov. 30, 2025



Behzad Amini
Behzad Amini
Illinois Registered Engineer No. 062-067557
Registration Expires Nov. 30, 2025



30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25th 2025 IR

REGIONAL ENGINEER

August 15 2025

ENGINEER OF DESIGN AND ENVIRONMENT

August 15 2025

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	LOCATION MAPS
3	INDEX, STANDARDS, AND GENERAL NOTES
4-8	SUMMARY OF QUANTITIES
9-13	ALIGNMENT, TIES, AND BENCHMARKS
14	EXISTING AND PROPOSED PLANS - US ROUTE 30
15-19	MAINTENANCE OF TRAFFIC - US ROUTE 30
20	DRAINAGE SCHEDULES - US ROUTE 30
21	DRAINAGE PLAN AND PROFILE - US ROUTE 30
22	EROSION CONTROL AND LANDSCAPING PLANS - US ROUTE 30
23	TYPICALS - DRAVES ROAD / OFFNER ROAD
24-26	EXISTING AND PROPOSED PLANS - US ROUTE 52
27-30	MAINTENANCE OF TRAFFIC - US ROUTE 52
31	DRAINAGE SCHEDULES - US ROUTE 52
32-34	DRAINAGE PLAN AND PROFILE - US ROUTE 52
35-37	EROSION CONTROL AND LANDSCAPING PLANS - US ROUTE 52
38-41	CROSS SECTIONS - US ROUTE 52 AT DRAVES ROAD
42-47	CROSS SECTIONS - US ROUTE 52 AT OFFNER ROAD
48	EXISTING AND PROPOSED PLANS - 115TH STREET
49	DRAINAGE SCHEDULES - 115TH STREET
50	DRAINAGE PLAN AND PROFILE - 115TH STREET
51	EXISTING AND PROPOSED PLANS - TAFT AVENUE
52-55	MAINTENANCE OF TRAFFIC - TAFT AVENUE
56	DRAINAGE SCHEDULES - TAFT AVENUE
57	DRAINAGE PLAN AND PROFILE - TAFT AVENUE
58-59	EXISTING AND PROPOSED PLANS - PALATINE ROAD
60	DRAINAGE SCHEDULES - PALATINE ROAD
61-62	DRAINAGE PLAN AND PROFILE - PALATINE ROAD
63-64	EROSION CONTROL AND LANDSCAPING PLANS - PALATINE ROAD
65-71	CROSS SECTIONS - PALATINE ROAD
72	SIGN DETAILS
73-87	DISTRICT 1 STANDARDS

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
424021-07	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIA
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4"(1.22 M) DIAMETER
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE TYPE 3
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN HALF ROAD CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RECONSTRUCTION (HMA PAVEMENT FULL-DEPTH), 8"	HMA SURFACE COURSE, IL-9.5, MIX "D", N70: 2"	4% @ 70 GYR.	QC/QA
	HMA BINDER COURSE, IL-19.0, N70: 6"	4% @ 70 GYR.	QC/QA
HMA RESURFACING	HMA SURFACE COURSE, IL-9.5, MIX "D", N50: 2" (3" FOR BIKE PATH)	4% @ 50 GYR.	QC/QA
	HMA SURFACE COURSE, IL-9.5, MIX "D", N70: 2"	4% @ 70 GYR.	QC/QA
SHOULDER RECONSTRUCTION (HMA SHOULDERS, 8")	HMA SURFACE COURSE, IL-9.5, MIX "D", N70: 2"	4% @ 70 GYR.	QC/QA
	HMA BINDER COURSE, IL-19.0, N70: 6"	4% @ 70 GYR.	QC/QA
DRIVEWAYS	HMA SURFACE COURSE MIX "D", IL-9.5, N50: 2" (P.E.)	4% @ 50 GYR.	QC/QA
	HMA BASE COURSE,(HMA BINDER IL-19.0): 6" (P.E.)	4% @ 50 GYR.	QC/QA
PAVEMENT PATCHING	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
	CLASS D PATCH (HMA BINDER IL-19.0): 10"	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)			

- NOTES:
- UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES 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.

DISTRICT 1 STANDARDS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER > 15'
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENTS WITH MILLING
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
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-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
TC-26	DRIVEWAY ENTRANCE SIGNING

CHICAGO NOTES

- ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF WATER MANAGEMENT SEWER SECTION STANDARD.
- SEWER SIZES 525 MM (21") DIAMETER OR SMALLER MUST BE EXTRA STRENGTH VITRIFIED CLAY PIPE C-700 OR DUCTILE IRON PIPE WITH PUSH-ON OR MECHANICAL JOINTS. SEWER SIZES 600 MM (24") DIAMETER OR LARGER MUST BE REINFORCED CONCRETE PIPE TYPE C-76, CLASS III, WALL "B" WITH "O-RING" JOINTS.
- PERMITS FROM THE DEPARTMENT OF WATER MANAGEMENT- SEWER SECTION ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR ALL WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF WATER MANAGEMENT- SEWER SECTION PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION. THE LICENSED SEWER CONTRACTOR/SUBCONTRACTOR MUST SUBMIT TWO SETS OF PLANS APPROVED BY THE DEPARTMENT OF WATER MANAGEMENT SEWER SECTION FOR THE ISSUE OF THE SEWER PERMIT TO SUITE 400, 333 SOUTH ST ATE STREET, CHICAGO, IL 60604-3971. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF SEWERS.
- IF THE SEWER PIPE COVER IS REDUCED TO LESS THAN 1 METER (3 FT), CONCRETE ENCASEMENT OF THE SEWER OR REPLACEMENT OF THE SEWER WITH CLASS 52 DUCTILE IRON PIPE WILL BE REQUIRED.
- IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT- SEWER SECTION AT (312)747-7892 OR (312)747-7893.
- PREFORMED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
- BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED FROM THE DEPARTMENT OF WATER MANAGEMENT SEWER SECTION AT SUITE 400, 333 SOUTH STATE STREET, CHICAGO, IL 60604-3971. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING ANY BENCH MONUMENT DAMAGE OR DESTROYED DURING CONSTRUCTION.
- SIDEWALK ACCESSIBILITY RAMPS SHALL NOT BE CONSTRUCTED DIRECTLY OVER EXISTING OR PROPOSED DRAINAGE STRUCTURES.
- ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND GRATES OR LIDS ON THE SEWER STRUCTURES SHALL BE REPLACED WITH THE NEW DEPARTMENT OF SEWERS' STANDARD FRAMES AND GRATES OR LIDS. OLD FRAMES AND GRATES OR LIDS SHALL BE DELIVERED TO THE DEPARTMENT OF WATER MANAGEMENT- SEWER SECTION AT 39TH STREET AND ASHLAND AVENUE.
- CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER AND/OR DEPARTMENT OF WATER MANAGEMENT SEWER SECTION.
- CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MAXIMUM CURB HEIGHT OF 9" (225 MM) AT DRAINAGE STRUCTURES AND A MINIMUM 3" (75 MM) AT HIGH POINTS.
- THE CONTRACTOR MUST NOTIFY CHICAGO'S OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION (OEMC) 48 HOURS BEFORE COMMENCING CONSTRUCTION OR CHANGING TRAFFIC FLOW.
- CTA BUSES REQUIRE A MINIMUM LANE WIDTH OF 11'. CONTRACTOR MUST CONTACT CTA MINIMUM OF TWO (2) WEEKS PRIOR TO ANY BUS SERVICE IMPACTS. CTA POINT OF CONTACT IS TRAFFIC.PLANNING@TRANSITCHICAGO.COM

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 392-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION REQUIRED). IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. PLEASE CONTACT MEADE ELECTRIC COMPANY AT 773-287-7672. CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT FACILITIES. ADDITIONAL REQUEST MAY BE MADE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF BERKELEY, INVERNESS, THE TOWNSHIPS OF MANHATTAN AND WILTON AND THE CITY OF CHICAGO.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS 14 DAYS IN ADVANCE BEFORE THE REMOVAL AND REPLACEMENT OF THE CULVERTS ALONG PALATINE ROAD.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS ALL CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- ALL PAVEMENT PATCHING AND CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR, KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

GENERAL NOTES

- FOR COOK COUNTY, CONTACT PATRICE HARRIS AT PATRICE.HARRIS@ILLINOIS.GOV; FOR WILL COUNTY, CONTACT ERIC CAMPOS AT ERIC.CAMPOS@ILLINOIS.GOV
- TOP OF GRATE ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE, FRAME/GRATES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- 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.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.
- PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIAL DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMENANT MEASURES WITHIN ONE (1) CALENDAR DAY FOLLOWING THE END OF ACTIVE HYDROLOGIAL DISTURBANCE.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE WORKING CONDITION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES- MAINTENANCE GUIDE.
- THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN STORM WATER WHICH WILL BE RECEIVED FROM THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM ALL THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED.
- ALL STATIONS AND OFFSETS ARE FROM THE PROPOSED ROADWAY CENTERLINE, UNLESS OTHERWISE NOTED.
- FOR EXISTING STORM SEWER TO BE ABANDONED, IN LIEU OF FILLING THE SEWERS, THE CONTRACTOR SHALL PLUG THE PIPE ACCORDING TO THE SPECIFICATIONS. PRIOR APPROVAL BY THE ENGINEER IS NEEDED.
- BEFORE ORDERING STORM SEWERS, CATCH BASINS, MANHOLES, AND INLETS, THE CONTRACTOR SHALL REVIEW THE EXISTING FIELD CONDITIONS AND THE DRAINAGE SCHEDULES FOUND IN THE PLANS FOR THE EXACT LENGTH, INVERT ELEVATIONS AND QUANTITY REQUIRED.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS CONSTRICTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE SHALL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- DRAINAGE AND UTILITY ADJUSTMENTS OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12"LOWER LIFT SHALL BE CS 1 OR RR 1".
- THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, ERIC CAMPOS, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV. A MINIMUM OF TWO (2) WEEKS BEFORE THE FINAL PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO (US 30 - 18 IN, US 52 12 IN, 115TH ST - 36 IN, TAFT AVE - 36 IN, AND PALATINE RD - 24 IN) WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION OR STEEL PLATE THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT, WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.

BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

- PEOPLES GAS FACILITIES ARE PRESENT WITHIN AREA OF CONSTRUCTION. USE EXTREME CAUTION NEAR ALL GAS FACILITIES DURING CONSTRUCTION AND RELATED EXCAVATION ACTIVITIES. HAND DIG OR NON-INVASIVE EXCAVATION IS REQUIRED TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF GAS FACILITIES PRIOR TO CROSSING AND WORKING WITHIN 3 FEET OF ALL GAS FACILITIES. A MINIMUM OF 3" HORIZONTAL EDGE TO EDGE CLEARANCE IS REQUIRED FOR GAS FACILITIES WITH DIAMETERS OF 16"" OR SMALLER, MAINTAIN A MINIMUM OF 18" EDGE TO EDGE VERTICAL CLEARANCE WHEN CROSSING GAS FACILITIES 16"" OR LESS IN DIAMETER. CONTACT 811 CHICAGO/DIGGER 312-744-7000 FOR LOCATES 48 HOURS PRIOR TO START OF CONSTRUCTION, THE USE OF CONCRETE, FLOW FILL, OR THE LIKE IS PROHIBITED WITHIN 24 INCHES OF ALL GAS FACILITIES, NOR SHALL IT ENCASE ANY GAS FACILITY. A BUFFER OF 24"" SAND IS TO BE USED BETWEEN FLOW FILL AND ALL GAS FACILITIES. A MINIMUM OF 6" FA-02 OR FM-02 SAND SHALL BE USED WHEN BACKFILLING OTHER MATERIALS AROUND ANY EXPOSED GAS FACILITY. CONTRACTOR EXPOSING GAS FACILITY IS RESPONSIBLE FOR PROVIDING THE SAND. ANY DAMAGES TO PEOPLES GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE INSTALLING UTILITY AND THEIR CONTRACTOR(S). CALL 866-556-6002 IMMEDIATELY FOR ANY DAMAGES TO THE GAS FACILITIES. VERTICAL ADJUSTMENTS REQUIRED FOR VALVE BASIN FRAMES, COVERS, GAS SHUT-OFF VALVES, ROADWAY BOXES SHALL BE COMMUNICATED TO PGLRESTORATION@PEOPLEGASDELIVERY.COM, 4 WEEKS PRIOR TO THE START OF RESTORATION FOR PLANNING & SCHEDULING. ALL GAS FACILITIES ARE TO BE MAINTAINED.

MODEL Default
FILE Name: c:\wsp\p45\p45\benhley.com\usps45-p45-ill\Documents\Project_2050082307 - 62U11_Drainage Improvements\CAD_Sheets\062U11-stdindex.dgn



USER NAME = USMM717315	DESIGNED - KE	REVISED -
	DRAWN - KE	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - AT	REVISED -
PLOT DATE = 8/1/2025	DATE - 5/30/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS LOCATIONS
INDEX, STANDARDS, AND GENERAL NOTES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	3
CONTRACT NO. 62U11				

MODEL Default
FILE Name: pw\wsp-us-pw\seattle\com\wsp-us-pw\ill\Documents\Project_2050082307 - 62U11 Drainage Improvements\CAD Sheets\62U11-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	167	0	0	0	0	167
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	68	0	0	0	0	68
20200100	EARTH EXCAVATION	CU YD	1408	90	1098	0	0	220
20800150	TRENCH BACKFILL	CU YD	203	118	0	12	21	52
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	837	125	476	36	66	134
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	16	16	0	0	0	0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7380	0	5343	0	0	2037
21400100	GRADING AND SHAPING DITCHES	FOOT	1525	0	1383	0	0	142
* 25000210	SEEDING, CLASS 2A	ACRE	1	0	0.5	0	0	0.5
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	149	6	103	0	0	40
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	149	6	103	0	0	40
* 25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	7381	0	5344	0	0	2037
* 25200110	SODDING, SALT TOLERANT	SQ YD	138	138	0	0	0	0

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
25200200	SUPPLEMENTAL WATERING	UNIT	5	5	0	0	0	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	155	6	107	0	0	42
28000305	TEMPORARY DITCH CHECKS	FOOT	642	10	462	0	0	170
28000400	PERIMETER EROSION BARRIER	FOOT	2702	243	1583	0	0	876
28000510	INLET FILTERS	EACH	8	8	0	0	0	0
28001105	TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	7380	0	5343	0	0	2037
28100105	STONE RIPRAP, CLASS A3	SQ YD	21	0	0	0	0	21
28100107	STONE RIPRAP, CLASS A4	SQ YD	16	0	0	0	0	16
28200200	FILTER FABRIC	SQ YD	37	0	0	0	0	37
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	30	30				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	516	125	391	0	0	0
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	184	25	0	0	25	134
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	43	7	0	36	0	0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	31	31				
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	86	0	86	0	0	0
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	159	25	0	0	0	134

*SPECIALTY ITEM



USER NAME = USKE715271
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 6/12/2025

DESIGNED - KE
DRAWN - KE
CHECKED - AT
DATE - 5/30/2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS LOCATIONS
SUMMARY OF QUANTITIES

SCALE:	SHEET 1	OF 5	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	4
		CONTRACT NO. 62U11		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
				40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	705	2028315119160
				40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	126	0072540
				40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	10	00640
				40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	26	010016
				40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	123	0075480
				40701841	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"	SQ YD	350	035000
				42001300	PROTECTIVE COAT	SQ YD	173	1290440
				42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	319	0003190
				42400800	DETECTABLE WARNINGS	SQ FT	37	000370
				44000100	PAVEMENT REMOVAL	SQ YD	146	014600
				44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1096	006724240
				44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	157	25000132
				44000600	SIDEWALK REMOVAL	SQ FT	372	63003090
				44002208	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2"	SQ YD	61	00036250

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
				44003100	MEDIAN REMOVAL	SQ FT	41	410000
				44200050	WELDED WIRE REINFORCEMENT	SQ YD	68	680000
				44201015	CLASS B PATCHES, TYPE I, 14 INCH	SQ YD	20	200000
				44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	21	210000
				44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	27	270000
				44201298	DOWEL BARS 1 1/4"	EACH	150	150000
				44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	40	00015250
				44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	21	0002100
				44213200	SAW CUTS	FOOT	210	210000
				44213204	TIE BARS 3/4"	EACH	4	400000
				48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	12	0001200
				48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	41	0004100
				50105220	PIPE CULVERT REMOVAL	FOOT	239	0002240
				542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	156	0003400

*SPECIALTY ITEM

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	219	0	219	0	0	0
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	83	0	83	0	0	0
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	0	0	0	0	6
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	5	1	4	0	0	0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	0	0	0	0	1
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	1	0	0	0	0	1
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	0	2	0	0	0
54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	EACH	4	0	4	0	0	0
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	173	163	0	0	10	0
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	146	111	0	0	35	0
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	364	0	0	0	0	364
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	74	0	0	0	0	74
55100500	STORM SEWER REMOVAL 12"	FOOT	521	0	0	14	62	445
56107800	ADJUSTING WATER VALVES 1 1/2"	EACH	1	0	0	0	1	0

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
60108212	PIPE UNDERDRAINS, TYPE 2, 12"	FOOT	213	0	0	0	0	213
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	4	0	1	1	0
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	0	1	0	0
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	0	0	0	0	4
60202215	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1	0	0	0	0
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	3	2	0	0	1	0
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	0	0	0	1	0
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	0	0	1	0	0
60500040	REMOVING MANHOLES	EACH	2	0	0	2	0	0
60500050	REMOVING CATCH BASINS	EACH	2	0	0	1	0	1
60500060	REMOVING INLETS	EACH	2	0	0	0	2	0
60500105	FILLING MANHOLES	EACH	1	0	0	0	1	0
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	41	41	0	0	0	0
60920015	PIPE CULVERTS TO BE CLEANED 15"	FOOT	31	0	31	0	0	0



USER NAME = USKF715271
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 6/11/2025

DESIGNED - KE
DRAWN - KE
CHECKED - AT
DATE - 5/30/2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS LOCATIONS
SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	6
CONTRACT NO. 62U11				
ILLINOIS		FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
	60920024	PIPE CULVERTS TO BE CLEANED 24"	FOOT	37	0	0	0	37
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	470	94	94	94	94
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	6	1.2	1.2	1.2	1.2
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.2	0.2	0.2	0.2
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.2	0.2	0.2	0.2
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	40	8	8	8	8
	67100100	MOBILIZATION	L SUM	1	0.2	0.2	0.2	0.2
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	220	30	70	60	30
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	402	0	0	402	0
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2739	1707	0	135	897
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	5472	4575	0	0	897
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	364	364	0	0	0
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	648	0	94	54	500
+	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	366	0	0	306	60

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	110	0	22	74	14
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	51	51	0	0	0
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	792	792	0	0	0
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	657	657	0	0	0
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	71	71	0	0	0
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	20	0	0	4	16
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	16	0	0	0	16
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1214	714	0	0	500
*	A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2"	EACH	2	0	0	0	0
		CALIPER, BALLED AND BURLAPPED						
*	A2005620	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2-1/2"	EACH	6	0	0	0	0
		CALIPER, BALLED AND BURLAPPED						
*	A2006618	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2-1/2" CALIPER,	EACH	2	0	0	0	0
		BALLED AND BURLAPPED						
*	A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER,	EACH	1	0	0	0	0
		BALLED AND BURLAPPED						
*	A2007102	TREE, QUERCUS ROBUR X ALBA "JFS-KW1QX" (STREETSPIRE OAK),	EACH	2	0	0	0	0
		2" CALIPER, BALLED AND BURLAPPED						
+	D2000372	EVERGREEN, JUNIPERUS CHINENSIS MOUNT BATTEN (MOUNTBATTEN	EACH	4	0	0	0	0
		CHINESE JUNIPER), 6' HEIGHT, BALLED AND BURLAPPED						

*SPECIALTY ITEM

	USER NAME = USKE715271	DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VARIOUS LOCATIONS SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KE	REVISED -					VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	7
	PLOT SCALE = 100,0000 ' / in.	CHECKED - AT	REVISED -					CONTRACT NO. 62U11				
	PLOT DATE = 6/11/2025	DATE - 5/30/2025	REVISED -		SCALE:	SHEET 4	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
*	D2001990	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE),	EACH	2	2	0	0	0
		10' HEIGHT, BALLED AND BURLAPPED						
	X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	4	1	0	2	1
	X2010514	SELECTIVE CLEARING	ACRE	0.25	0	0	0	0.25
*	X2501100	SEEDING, CLASS 3 (SPECIAL)	ACRE	0.75	0	0.75	0	0
	X3510407	AGGREGATE BASE COURSE, TYPE CA-7	TON	31	0	31	0	0
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	2	1	0	1
	X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	0	1	0	0
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	15	15	0	0	0
		LESS THAN OR EQUAL TO 10 FEET						
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	249	184	0	25	40
		GREATER THAN 10 FEET						
	X5012652	HEADWALL REMOVAL	EACH	4	0	0	0	4
	X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	51	0	0	51	0
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	45	0	0	0	45
	X6030205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	3	0	0	3	0
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	11	0	0	8	3

*SPECIALTY ITEM

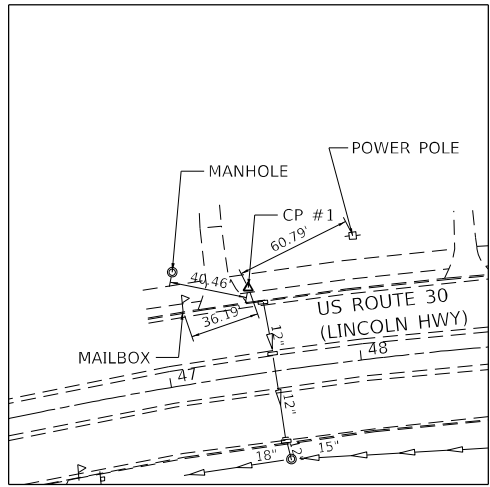
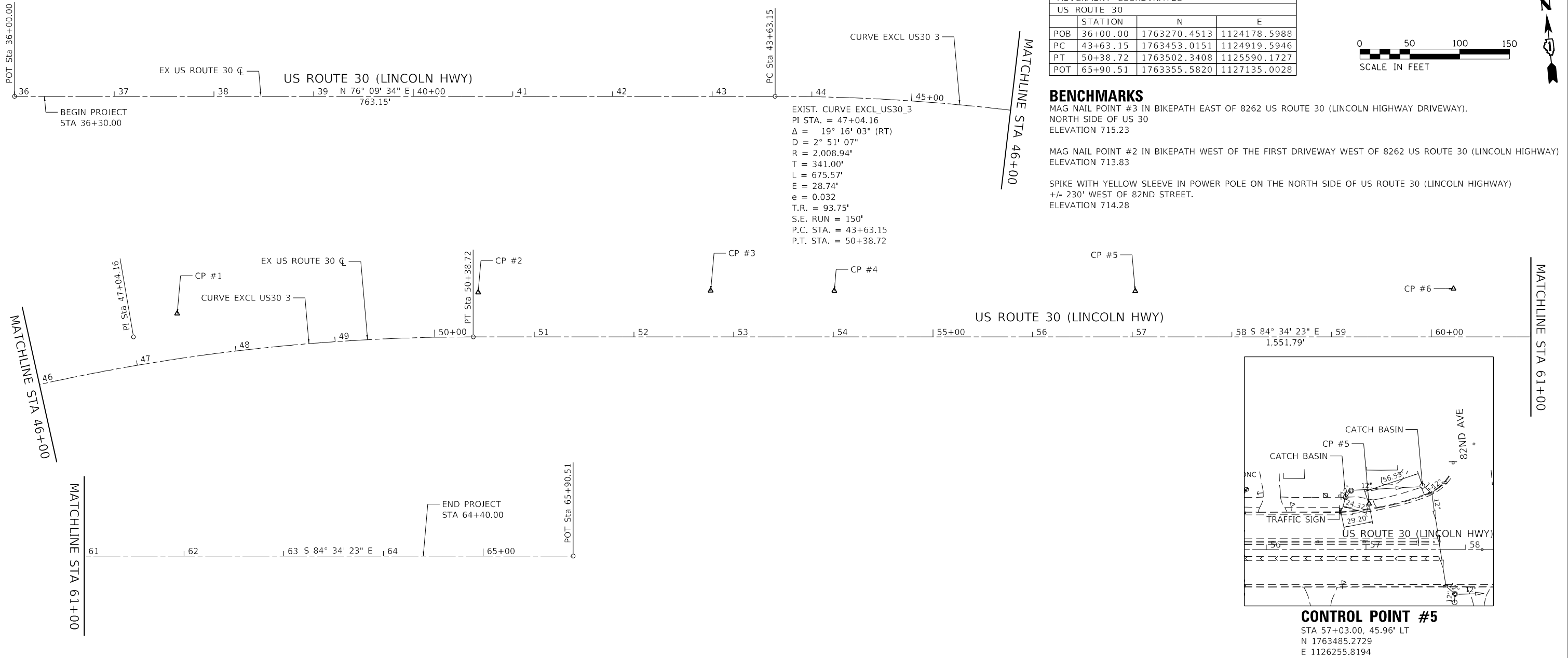
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				WILL	WILL	COOK	COOK	COOK
				STATE 100%	STATE 100%	STATE 100%	STATE 100%	STATE 100%
				US RTE 30	US RTE 52	115TH ST	TAFT AVE	PALATINE RD
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005	0005	0005
				URBAN	URBAN	URBAN	URBAN	URBAN
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	3	3	2	2	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.2	0.2	0.2	0.2	0.2
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	427	52	130	104	89	52
X7200203	DETOUR SIGNING	L SUM	1	0	0.5	0	0.5	0
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	97	97	0	0	0	0
*	X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	97	97	0	0	0
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.2	0.2	0.2	0.2
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	3	0	0	0	3
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	58	0	0	58	0
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	hour	500	500			

*SPECIALTY ITEM

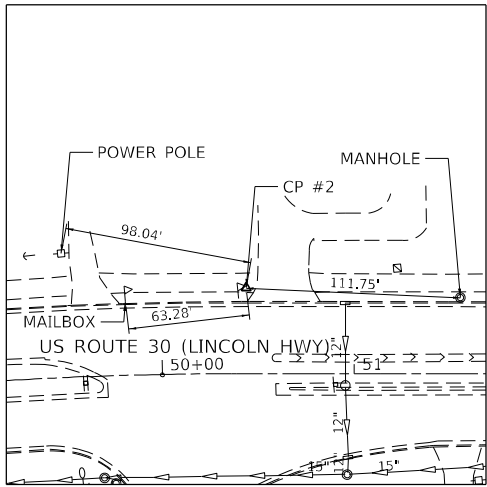
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	USER NAME = USKE715271	DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VARIOUS LOCATIONS SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KE	REVISED -					VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	8
	PLOT SCALE = 100.0000' / in.	CHECKED - AT	REVISED -					CONTRACT NO. 62U11				
	PLOT DATE = 6/11/2025	DATE - 5/30/2025	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 5	OF 5 SHEETS	STA.	TO STA.							

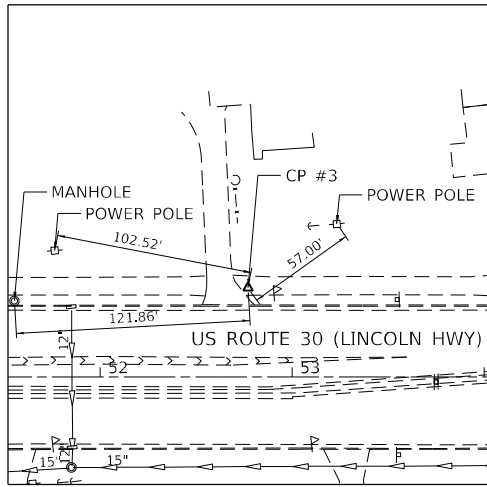
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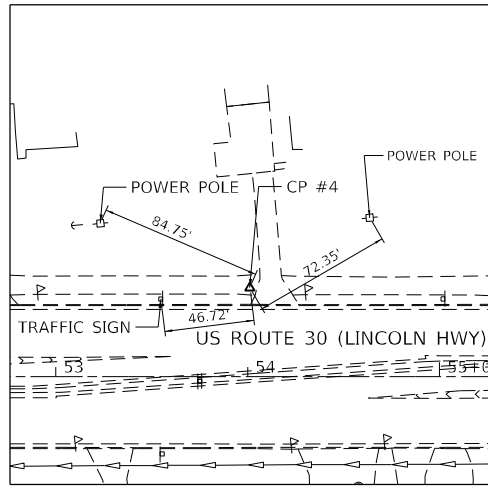
CONTROL POINT #1
STA 47+47.18, 45.03' LT
N 1763553.7671
E 1125296.6904



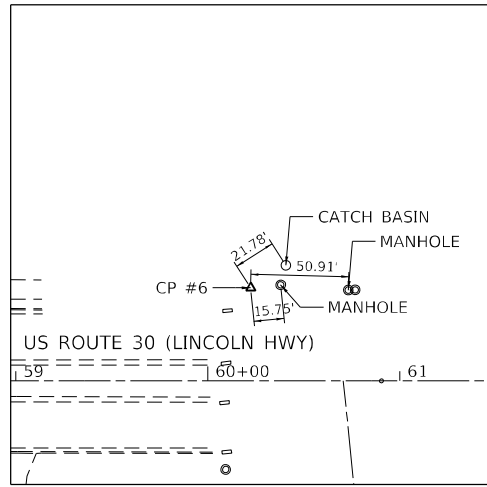
CONTROL POINT #2
STA 50+43.62, 44.77' LT
N 1763546.4445
E 1125599.2824



CONTROL POINT #3
STA 52+76.92, 46.51' LT
N 1763526.1169
E 1125831.7053



CONTROL POINT #4
STA 54+01.06, 46.17' LT
N 1763514.0377
E 1125955.2554



CONTROL POINT #6
STA 60+22.35, 48.48' LT
N 1763457.5773
E 1126573.9790



USER NAME	= USTC714594
PLOT SCALE	= 100,0000 ' / in.
PLOT DATE	= 5/30/2025

DESIGNED	- TC
DRAWN	- TC
CHECKED	- AT
DATE	- 5/30/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

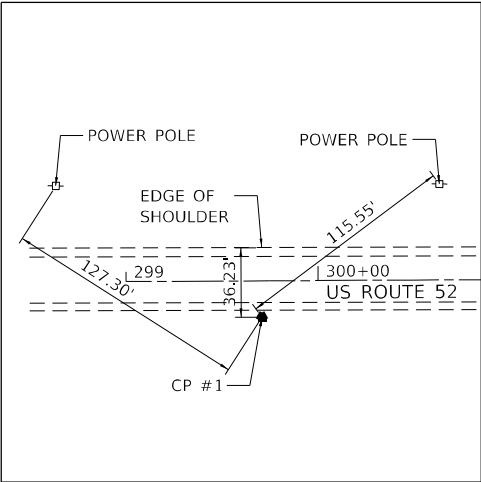
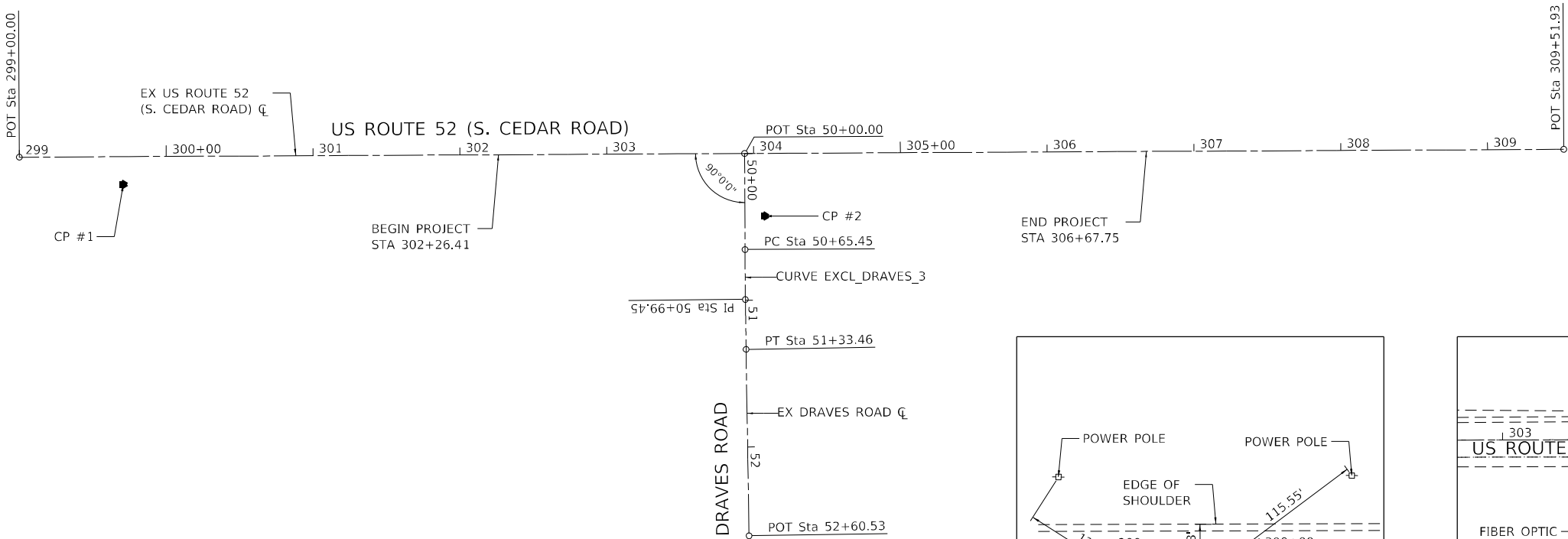
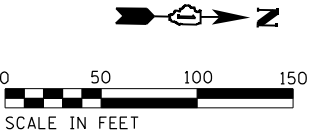
US ROUTE 30 (LINCOLN HIGHWAY)
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 46+00.00 TO STA. 60+00.00

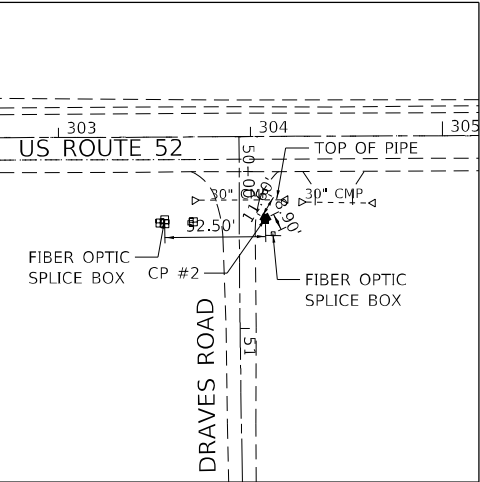
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	2023 VAR DRAINAGE	WILL	87	9
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE EXCL_DRAVES_3
PI STA. = 50+99.45
Δ = 0° 35' 58" (LT)
D = 0° 52' 53"
R = 6,500.00'
T = 34.01'
L = 68.02'
E = 0.09'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 50+65.45
P.T. STA. = 51+33.46

ALIGNMENT COORDINATES			
US ROUTE 52 (S. CEDAR ROAD)			
	STATION	N	E
POB	299+00.00	1713326.6075	1086729.0506
POT	309+51.93	1714378.3635	1086710.0280
DRAVES ROAD			
POB	50+00.00	1713820.4965	1086720.1179
POT	52+60.53	1713826.8928	1086980.5644



CONTROL POINT #1
STA 299+70.75, 18.89' RT
N 1713397.6950
E 1086746.6640
ELEV 683.92



CONTROL POINT #2
STA 304+07.52, 42.64' RT
N 1713834.8180
E 1086746.6640
ELEV 680.97

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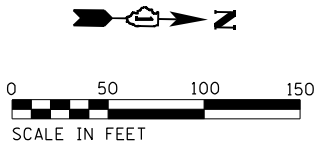
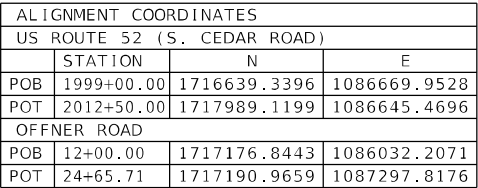


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PLOT DATE = 5/30/2025	DATE - 5/30/2025	REVISED -

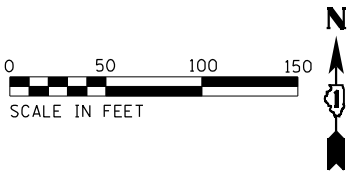
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 (S. CEDAR ROAD) AT DRAVES ROAD ALIGNMENT, TIES, AND BENCHMARKS			
SCALE: 1"=50'	SHEET 1	OF 2 SHEETS	STA. 299+00.00 TO STA. 309+51.95

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
852	2022 VARIOUS DRAINAGE	WILL	87	10
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				

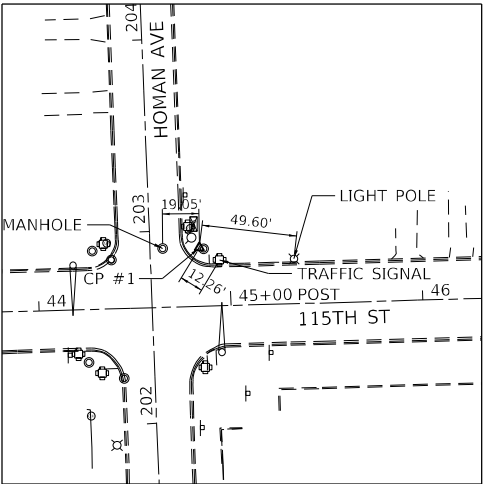
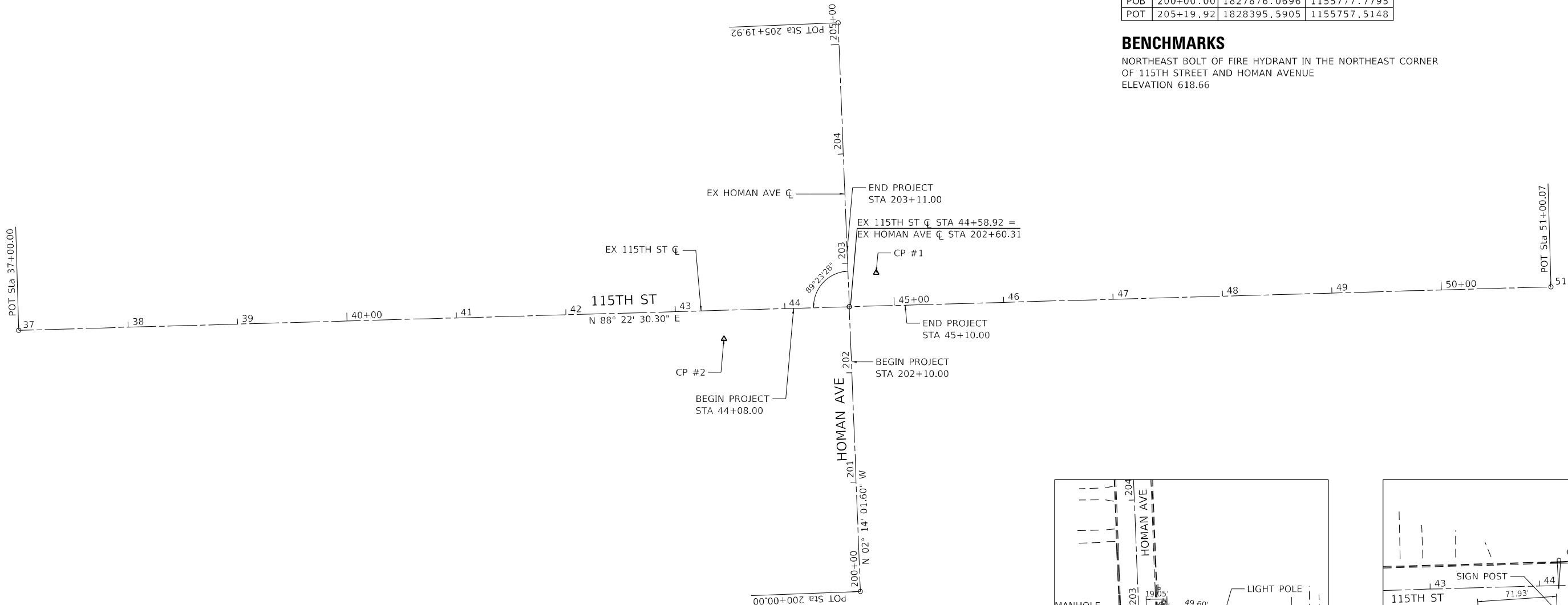


CONTROL POINT #1 STA 2003+07.15, 20.43' RT N 1717046.7780 E 1086683.5550 ELEV 692.39	CONTROL POINT #2 STA 2012+17.46, 22.34' LT N 1717956.1600 E 1086623.7540 ELEV 690.01
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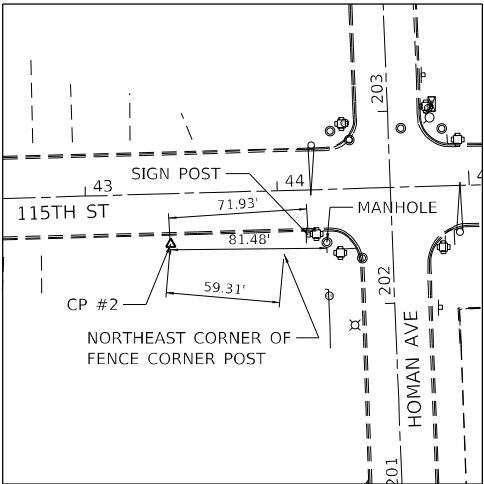


ALIGNMENT COORDINATES			
115TH ST			
	STATION	N	E
POB	37+00.00	1828114.6655	1155009.0151
POT	51+00.07	1828154.3664	1156408.5241
HOMAN AVE			
POB	200+00.00	1827876.0696	1155777.7795
POT	205+19.92	1828395.5905	1155757.5148

BENCHMARKS
NORTHEAST BOLT OF FIRE HYDRANT IN THE NORTHEAST CORNER
OF 115TH STREET AND HOMAN AVENUE
ELEVATION 618.66



CONTROL POINT #1
STA 44+84.36, 30.46' LT
N 1828167.3586
E 1155792.1988



CONTROL POINT #2
STA 43+43.69, 26.19' RT
N 1828106.7341
E 1155653.1865

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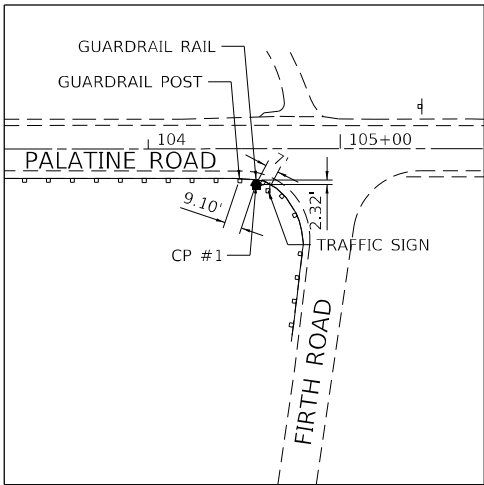
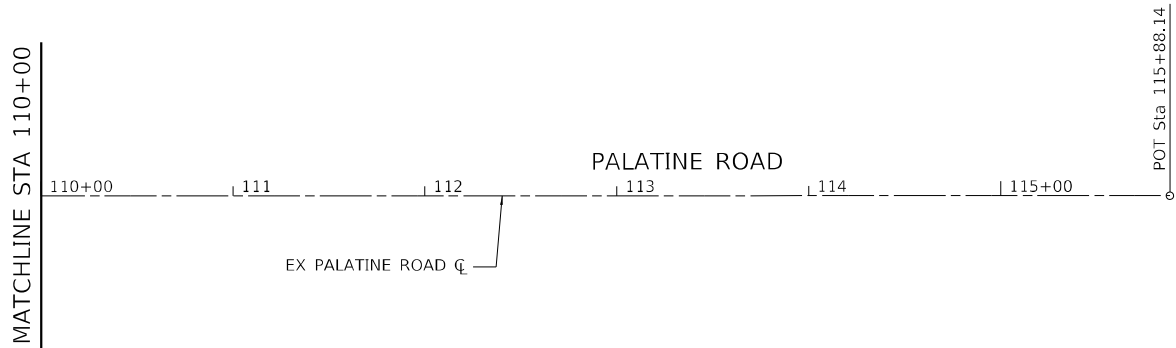
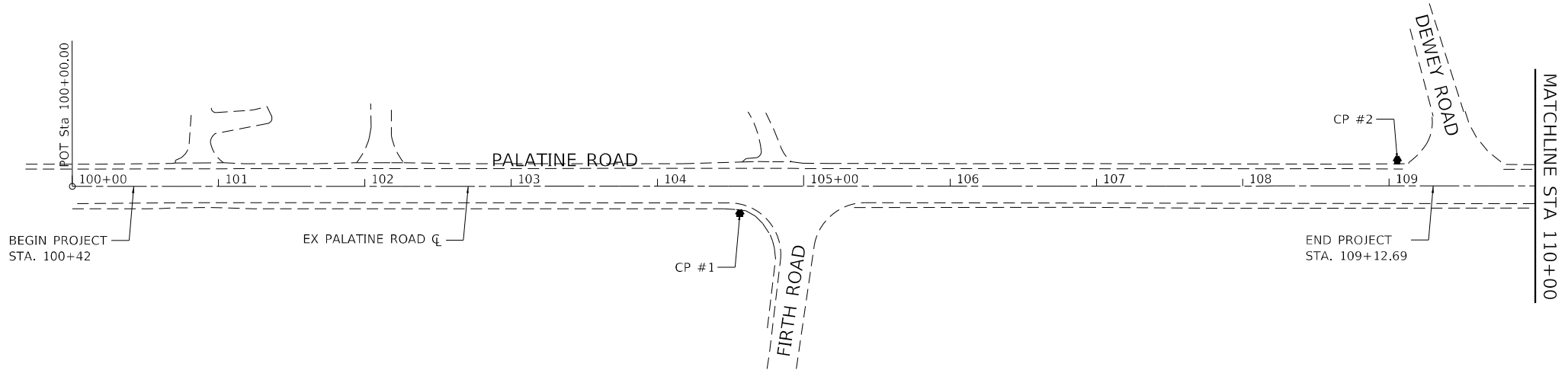
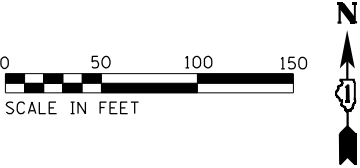
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PLOT DATE = 5/30/2025	DATE - 5/30/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

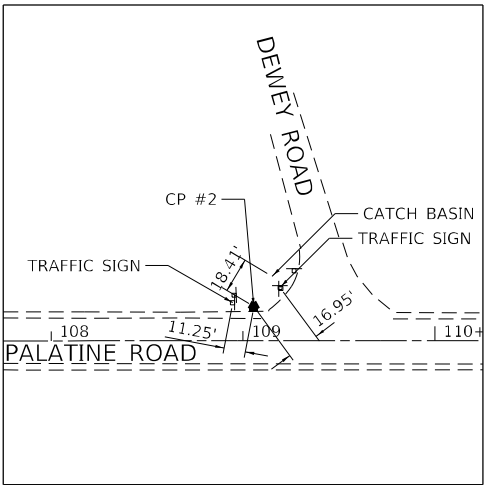
115TH STREET AT HOMAN AVENUE ALIGNMENT, TIES, AND BENCHMARKS			
SCALE: 1"=50'	SHEET 1	OF 1	SHEETS
STA. 44+08.00		TO STA. 45+10.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1583	2023 VAR DRAINAGE	COOK	87	12
CONTRACT NO. 62U11				
ILLINOIS		FED. AID PROJECT		

ALIGNMENT COORDINATES			
PALATINE ROAD			
	STATION	N	E
POB	100+00.00	1982958.1798	1050852.6566
POT	115+88.14	1982953.2185	1052440.7935



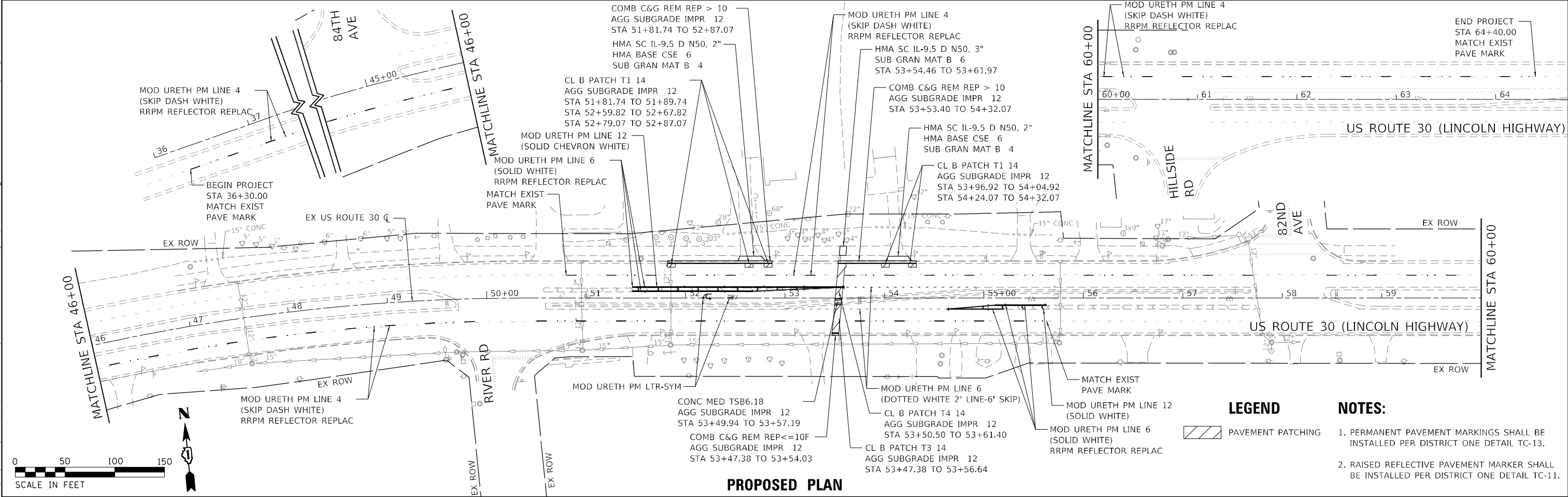
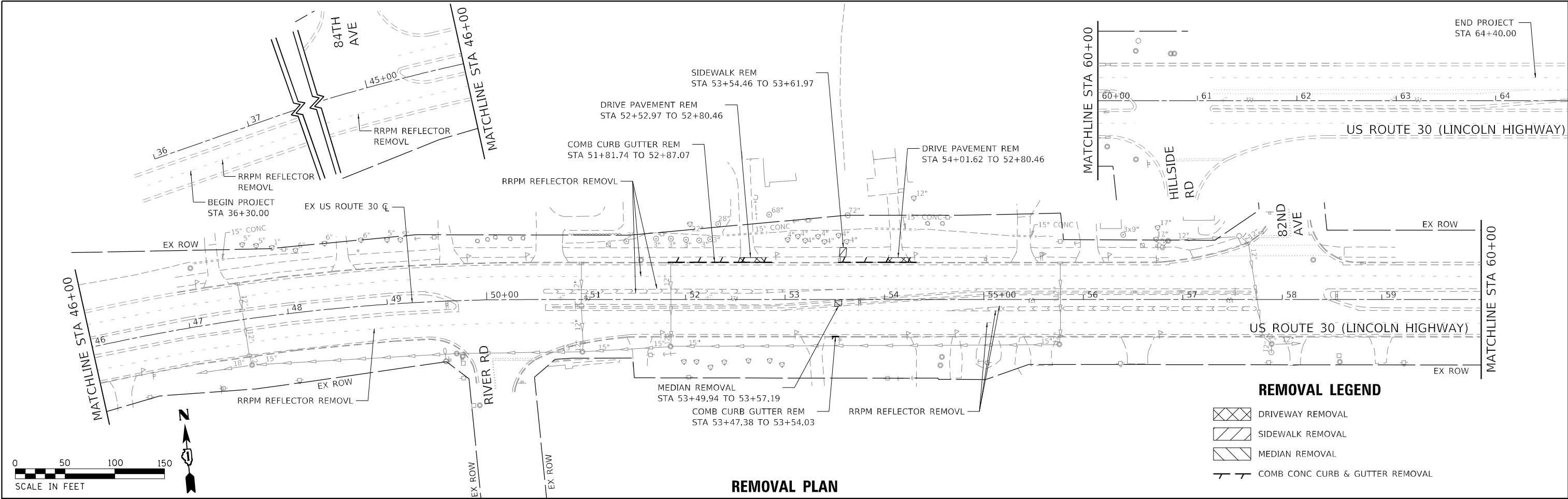
CONTROL POINT #1
STA 104+056.26, 18.55' RT
N 1982938.1950
E 1086683.5550
ELEV 787.55



CONTROL POINT #2
STA 109+05.68, 17.76' LT
N 1982973.1130
E 1051758.3920
ELEV 785.13

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	USER NAME = USTC714594	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PALATINE ROAD: WEST OF ROSELLE ROAD ALIGNMENT, TIES, AND BENCHMARKS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	DRAWN - TC	REVISED -				1285	2022 VARIOUS DRAINAGE	COOK	87	13
	PLOT DATE = 5/30/2025	CHECKED - AT	REVISED -				CONTRACT NO. 62U11				
		DATE - 5/30/2025	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: 1"=50'		SHEET 1	OF 1	SHEETS	STA. 100+00.00	TO STA. 115+87.82					



	USER NAME = USTC714594	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 30 (LINCOLN HIGHWAY) REMOVAL PLAN AND PROPOSED PLAN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - TC	REVISED -						353	2023 VAR DRAINAGE	WILL	87	14
	PLOT DATE = 5/30/2025	CHECKED - AT	REVISED -						CONTRACT NO. 62U11				
	DATE - 5/30/2025	REVISED -	SCALE: 1"=50'						SHEET 1	OF 1	SHEETS	STA. 43+00.00	TO STA. 64+40.00

STAGING GENERAL NOTES

1. TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION FOR TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE ENGINEER SHALL BE INFORMED IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLANS.
2. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL RESPOND PROMPTLY TO ANY DIRECTION GIVEN BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC CONTROL DEVICES.
3. CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE DISTRICT ONE AND STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER.
4. EXISTING TRAFFIC SIGNS IN CONFLICT WITH PLANS SHALL BE COVERED.
5. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
6. ALL EXISTING 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TYPE B STANDARD LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TYPE B STANDARD PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED AFTER THE COMPLETION OF THE STAGING.
7. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV (AND/OR MODIFIED URETHANE) USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL-WATER BLASTING".
8. PAVEMENT MARKING TAPE, TYPE IV (AND/OR TYPE III) SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.
9. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
10. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING TRAFFIC OF POTENTIAL TRAFFIC DELAYS, QUEUING AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.

SEQUENCE OF CONSTRUCTION

US 30 - STAGE 1

1. COVER ANY CONFLICTING SIGNS.
2. REMOVE PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER REFLECTORS THAT MAY CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLANS.
3. INSTALL TEMPORARY PAVEMENT MARKINGS PER PLANS.
4. CLOSE OUTSIDE WESTBOUND LANE. MAINTAIN INSIDE WESTBOUND LANE AND TWO EXISTING EASTBOUND LANES.
5. INSTALL EROSION CONTROL DEVICES PER PLANS. REMOVE AND CONSTRUCT PAVEMENT AND SHARED USE PATH. REMOVE AND INSTALL DRAINAGE PIPES AND STRUCTURES.

US 30 - STAGE 2

1. COVER ANY CONFLICTING SIGNS.
2. REMOVE PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER REFLECTORS THAT MAY CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLANS.
3. INSTALL TEMPORARY PAVEMENT MARKINGS PER PLANS.
4. CLOSE INSIDE WESTBOUND AND EASTBOUND LANE. MAINTAIN OUTSIDE WESTBOUND LANE AND OUTSIDE EASTBOUND LANE.
5. REMOVE AND CONSTRUCT PAVEMENT AND MEDIAN. INSTALL DRAINAGE PIPES.

US 30 - STAGE 3

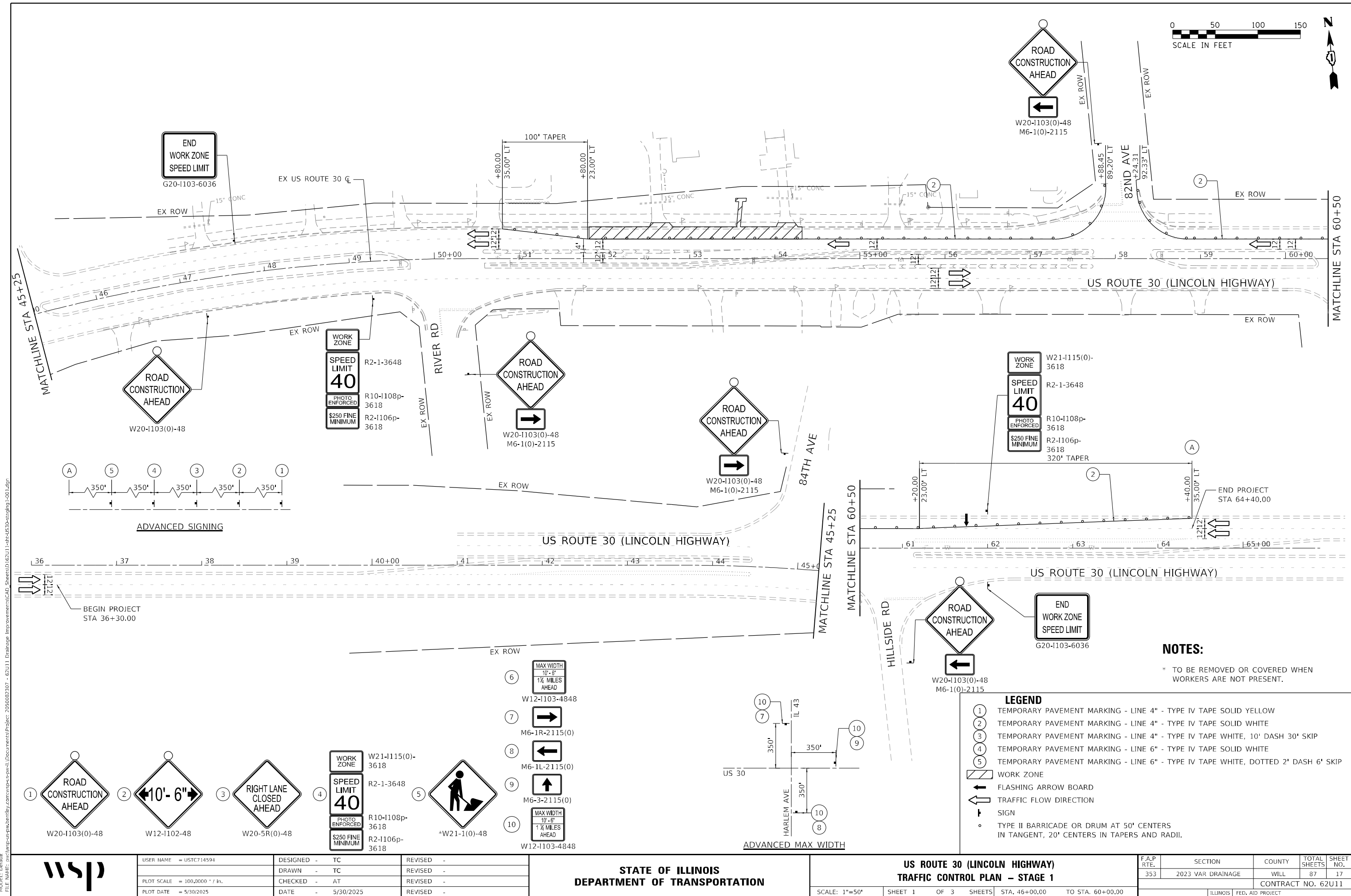
1. COVER ANY CONFLICTING SIGNS.
2. REMOVE PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER REFLECTORS THAT MAY CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLANS.
3. INSTALL TEMPORARY PAVEMENT MARKINGS PER PLANS.
4. CLOSE OUTSIDE EASTBOUND LANE. MAINTAIN INSIDE EASTBOUND LANE AND TWO EXISTING WESTBOUND LANES.
5. REMOVE AND CONSTRUCT PAVEMENT. INSTALL DRAINAGE PIPES.

US 30 - FINAL STAGE

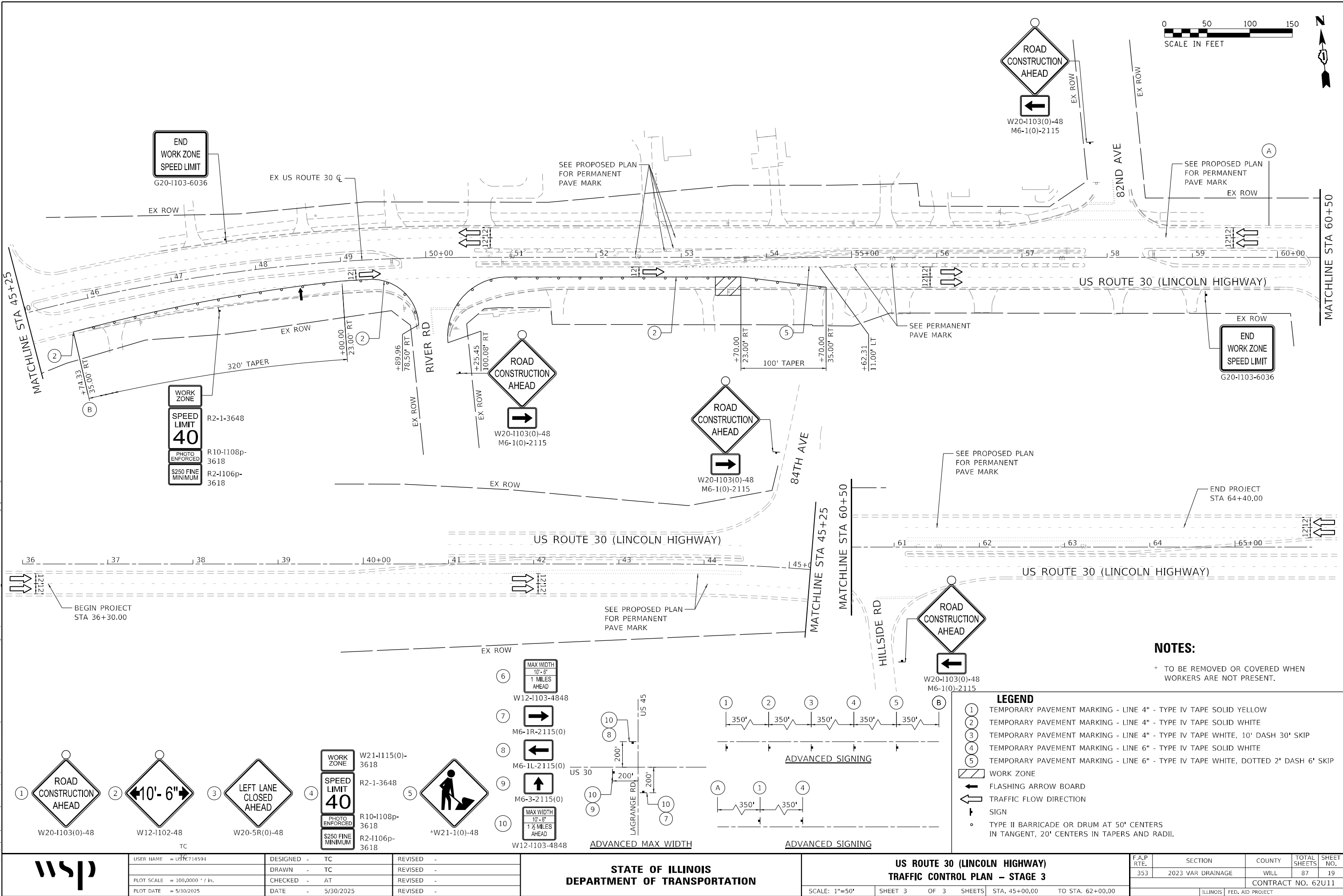
1. REMOVE EROSION CONTROL DEVICES. INSTALL PERMANENT LANDSCAPING AND PERMANENT PAVEMENT MARKINGS.
2. MAINTAIN ALL LANES IN FINAL CONFIGURATION. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701426 AND 701601.

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	DRAWN - TC	REVISED -	353						2023 VAR DRAINAGE	WILL	87	15	
	PLOT SCALE = 100,0000 ' / in.	CHECKED - AT	REVISED -		CONTRACT NO. 62U11								
	PLOT DATE = 7/31/2025	DATE - 5/30/2025	REVISED -										
					SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.			





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wsp

USER NAME	= US714594
PLOT SCALE	= 100,0000 " / in.
PLOT DATE	= 5/30/2025

DESIGNED	- TC
DRAWN	- TC
CHECKED	- AT
DATE	- 5/30/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 30 (LINCOLN HIGHWAY)
TRAFFIC CONTROL PLAN - STAGE 3

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 45+00.00 TO STA. 62+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	2023 VAR DRAINAGE	WILL	87	19
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE ID	TYPE OF STRUCTURE	STATION	OFFSET (FT)	RIM ELEV. (FT)	N INV. (FT)	NE INV. (FT)	E INV. (FT)	SE INV. (FT)	S INV. (FT)	SW INV. (FT)	W INV. (FT)	NW INV. (FT)
US 30 BETWEEN 82ND AVENUE AND 84TH AVENUE												
DS-1-EX	EXISTING CATCH BASIN	51+85	37 RT	714.55	710.05				708.05			
DS-2-EX	EXISTING MANHOLE	51+85	47 RT	714.92	706.72		704.42				704.32	
DS-3-EX	EXISTING MANHOLE	53+50	47 RT	715.44	706.75		707.54	705.14			705.04	
DS-4-EX	EXISTING INLET	55+77	37 LT	713.83					710.13			
DS-5-EX	EXISTING CATCH BASIN	55+77	37 RT	713.76	709.16				709.06			
DS-6-EX	EXISTING MANHOLE	55+76	45 RT	714.02	708.72						708.62	

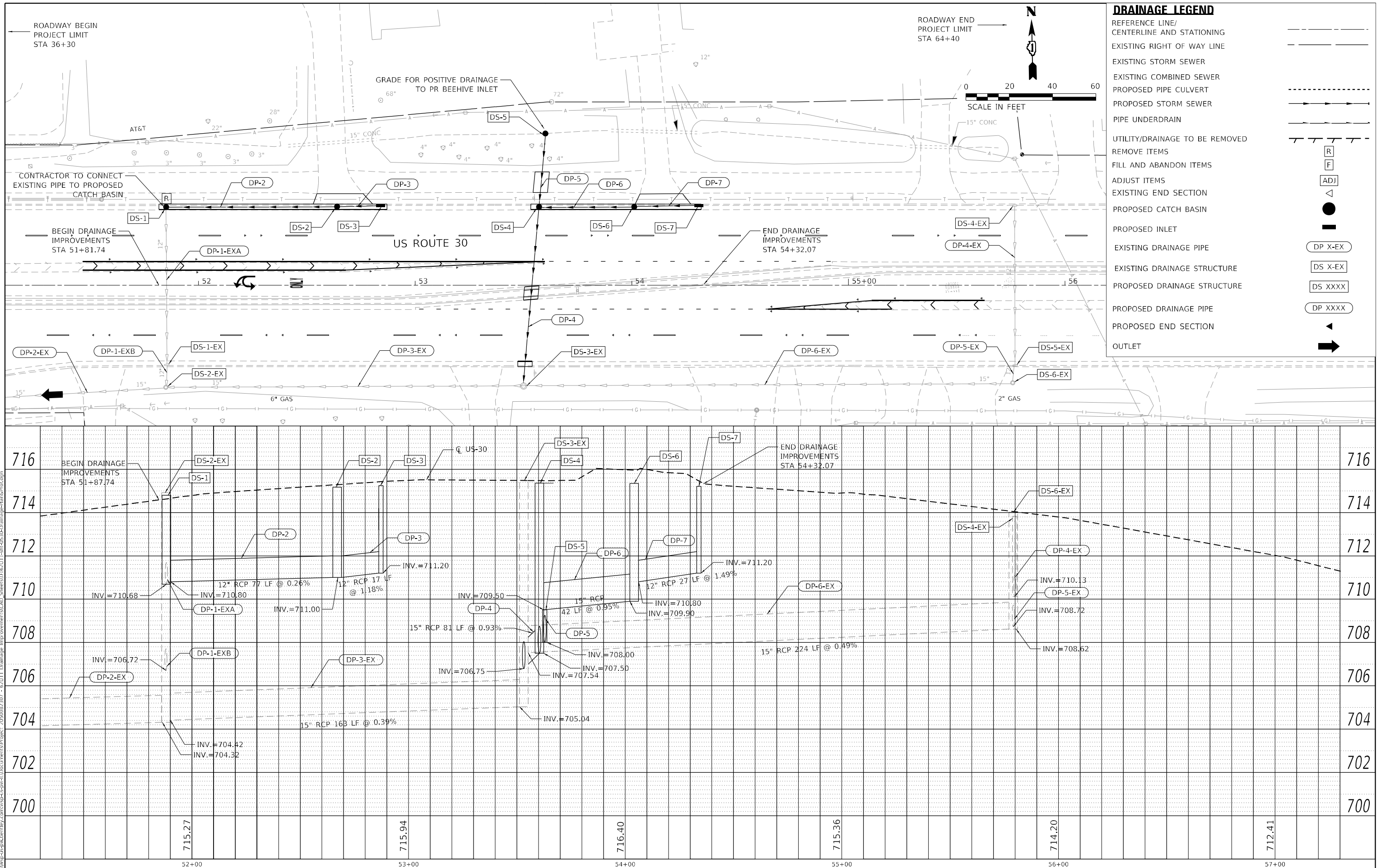
DRAINAGE PIPE ID	TYPE OF PIPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
US 30 BETWEEN 82ND AVENUE AND 84TH AVENUE						
DP-1-EXA	EXISTING 12" RCP STORM SEWER	DS-1	DS-1-EX	12	72	0.88
DP-1-EXB	EXISTING 12" RCP STORM SEWER	DS-1-EX	DS-2-EX	12	10	13.30
DP-2-EX	EXISTING 15" RCP STORM SEWER	DS-2-EX	UNK	15	UNK	UNK
DP-3-EX	EXISTING 15" RCP STORM SEWER	DS-3-EX	DS-2-EX	15	163	0.39
DP-4-EX	EXISTING 12" RCP STORM SEWER	DS-4-EX	DS-5-EX	12	74	1.32
DP-5-EX	EXISTING 12" RCP STORM SEWER	DS-5-EX	DS-6-EX	12	7	4.86
DP-6-EX	EXISTING 15" RCP STORM SEWER	DS-6-EX	DS-3-EX	15	224	0.49

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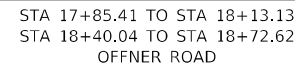
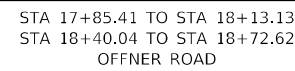
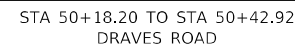
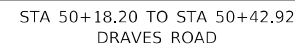
DRAINAGE PIPE ID	PAY ITEM NO.	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
US 30 BETWEEN 82ND AVENUE AND 84TH AVENUE								
DP-2	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	RCP	DS-2	DS-1	12	77	0.26
DP-3	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	RCP	DS-3	DS-2	12	17	1.18
DP-4	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	RCP	DS-4	DS-3-EX	15	81	0.93
DP-5	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	RCP	DS-5	DS-4	15	32	1.67
DP-6	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	RCP	DS-6	DS-4	15	42	0.95
DP-7	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	RCP	DS-7	DS-6	12	27	1.49

NOTE:
STATION, OFFSET, AND RIM ELEVATION INFORMATION FOR STRUCTURES
TAKEN AT THE CENTERPOINT OF THE STRUCTURE.

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK NO. _____	GRADES CHECKED _____		
	DATA NOTED STRUCTURE NOTATIONS CHECKED _____		



<u>DRAINAGE LEGEND</u>	
REFERENCE LINE/ CENTERLINE AND STATIONING	---
EXISTING RIGHT OF WAY LINE	- - - - -
EXISTING STORM SEWER	
EXISTING COMBINED SEWER	
PROPOSED PIPE CULVERT	----
PROPOSED STORM SEWER	→→→→→
PIPE UNDERDRAIN	→→→→→
UTILITY/DRAINAGE TO BE REMOVED	- - - - -
REMOVE ITEMS	[R]
FILL AND ABANDON ITEMS	[F]
ADJUST ITEMS	[ADJ]
EXISTING END SECTION	◁
PROPOSED CATCH BASIN	●
PROPOSED INLET	■
EXISTING DRAINAGE PIPE	DP X-EX
EXISTING DRAINAGE STRUCTURE	DS X-EX
PROPOSED DRAINAGE STRUCTURE	DS XXXX
PROPOSED DRAINAGE PIPE	DP XXXX
PROPOSED END SECTION	◁
OUTLET	➔



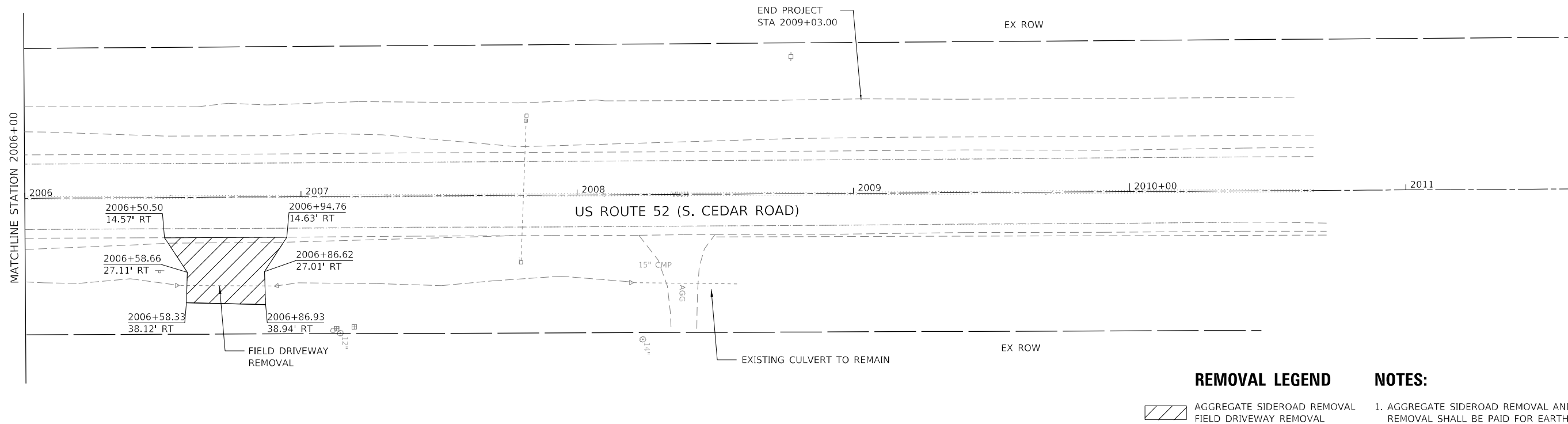
- (A) EXISTING AGGREGATE PAVEMENT
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT
- (C) EXISTING HOT-MIX ASPHALT SHOULDER
- (D) EXISTING AGGREGATE SHOULDER

(1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"

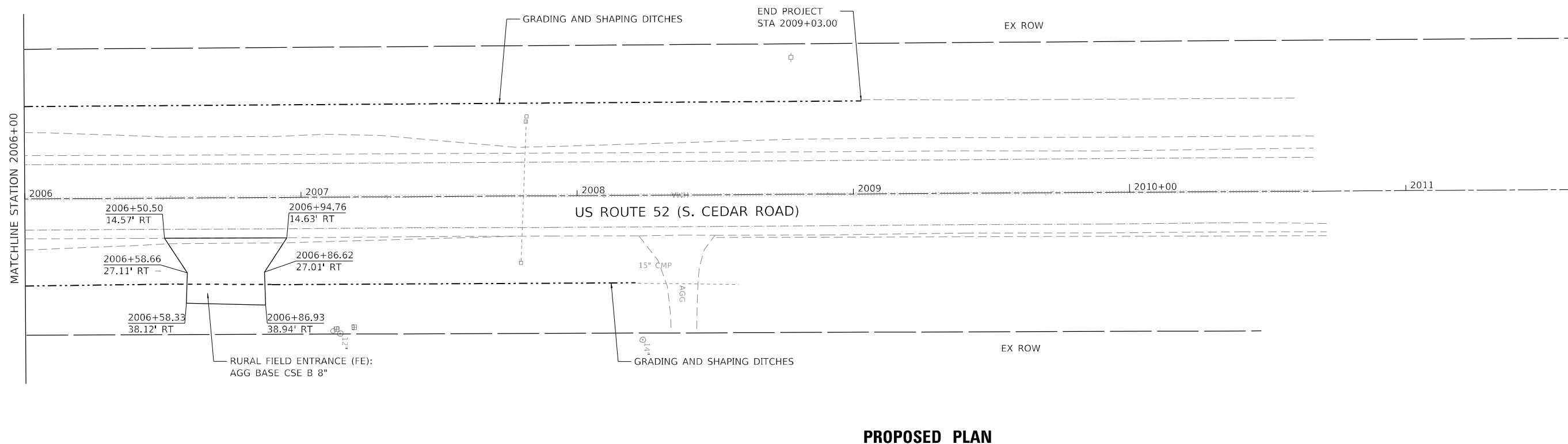
(2) AGGREGATE SUBGRADE IMPROVEMENT 12"

(3) HOT-MIX ASPHALT SHOULDERS, 8"

(4) AGGREGATE WEDGE SHOULDER, TYPE B



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PROPOSED PLAN

	USER NAME = USMM717315	DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 52 (S. CEDAR ROAD) AT OFFNER ROAD REMOVAL PLAN AND PROPOSED PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	DRAWN - KE	REVISED -						852	2022 VARIOUS DRAINAGE	WILL	87	26
	PLOT DATE = 7/31/2025	CHECKED - AT	REVISED -		SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 206+00.00 TO STA. 2011+00.00					CONTRACT NO. 62U11			
		DATE = 5/30/2025	REVISED -										

STAGING GENERAL NOTES

1.

TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION FOR TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE ENGINEER SHALL BE INFORMED IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLANS.
2.

TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL RESPOND PROMPTLY TO ANY DIRECTION GIVEN BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC CONTROL DEVICES.
3.

CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE DISTRICT ONE AND STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER.
4.

EXISTING TRAFFIC SIGNS IN CONFLICT WITH DETOUR PLANS SHALL BE COVERED.
5.

ONLY ONE DETOUR PLAN SHALL BE OPERATIONAL AT ONE TIME.
6.

WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

SEQUENCE OF CONSTRUCTION

- US 52 AT DRAVES ROAD

1.

CLOSE DRAVES ROAD PER DETOUR PLAN.

2.

INSTALL EROSION CONTROL DEVICES. REMOVE AND CONSTRUCT PAVEMENT AND DRAINAGE CULVERT.

3.

REMOVE DETOUR PLAN.

4.

REMOVE EROSION CONTROL DEVICES, REGRADE DITCHES, AND INSTALL PERMANENT SEEDING PER PLANS.

5.

MAINTAIN ALL LANES IN FINAL CONFIGURATION. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701006.

- US 52 AT OFFNER ROAD - STAGE 1

1.

CLOSE EAST LEG OF OFFNER ROAD PER STAGE 1 DETOUR PLAN.

2.

INSTALL EROSION CONTROL DEVICES. REMOVE AND CONSTRUCT PAVEMENT AND DRAINAGE CULVERT.

3.

REMOVE DETOUR PLAN.

4.

REMOVE EROSION CONTROL DEVICES, REGRADE DITCHES, AND INSTALL PERMANENT SEEDING PER PLANS.

5.

MAINTAIN ALL LANES IN FINAL CONFIGURATION. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701006.

- US 52 AT OFFNER ROAD - STAGE 2

1.

CLOSE WEST LEG OF OFFNER ROAD PER STAGE 2 DETOUR PLAN.

2.

INSTALL EROSION CONTROL DEVICES. REMOVE AND CONSTRUCT PAVEMENT AND DRAINAGE CULVERT.

3.

REMOVE DETOUR PLAN.

4.

REMOVE EROSION CONTROL DEVICES, REGRADE DITCHES, AND INSTALL PERMANENT SEEDING PER PLANS.

5.

MAINTAIN ALL LANES IN FINAL CONFIGURATION. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701006.

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PLOT DATE = 7/31/2025

DESIGNED - TC
DRAWN - TC
CHECKED - AT
DATE - 5/30/2025

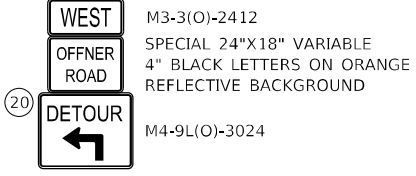
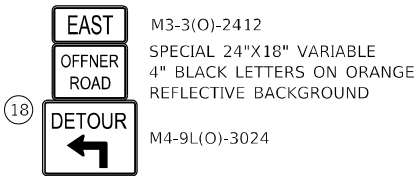
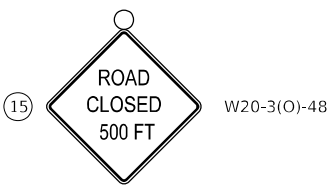
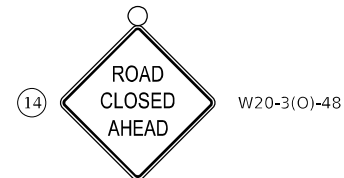
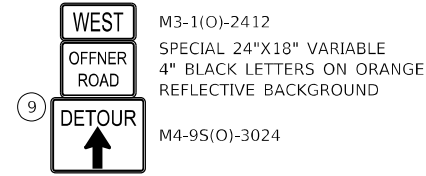
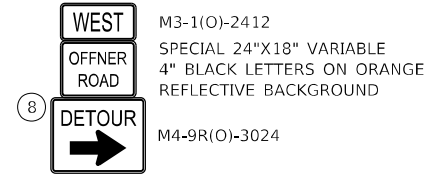
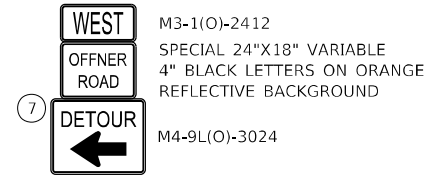
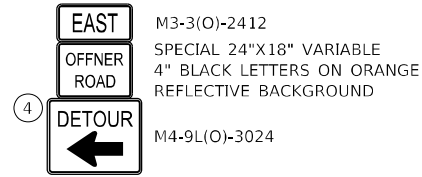
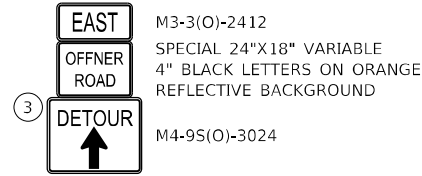
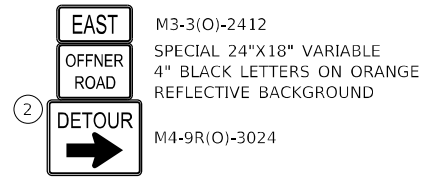
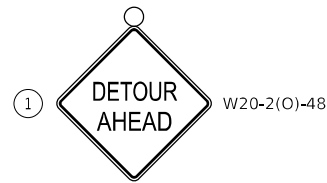
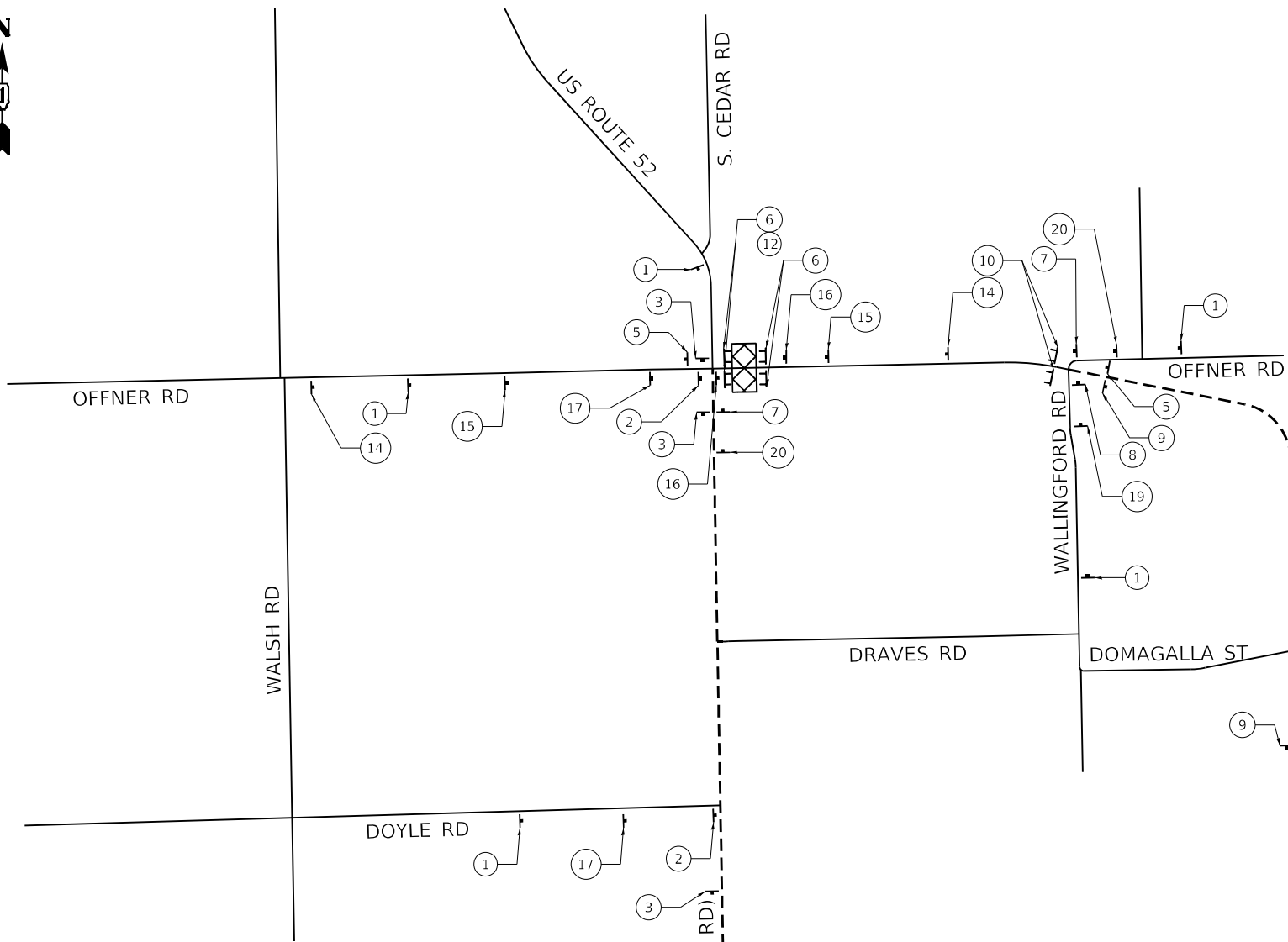
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 52 AT DRAVES ROAD / US 52 AT OFFNER ROAD
TRAFFIC CONTROL GENERAL NOTES / SEQUENCE OF CONSTRUCTION

SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
852	2022 VARIOUS DRAINAGE	WILL	87	27
CONTRACT NO. 62U11				
		ILLINOIS	FED. AID PROJECT	

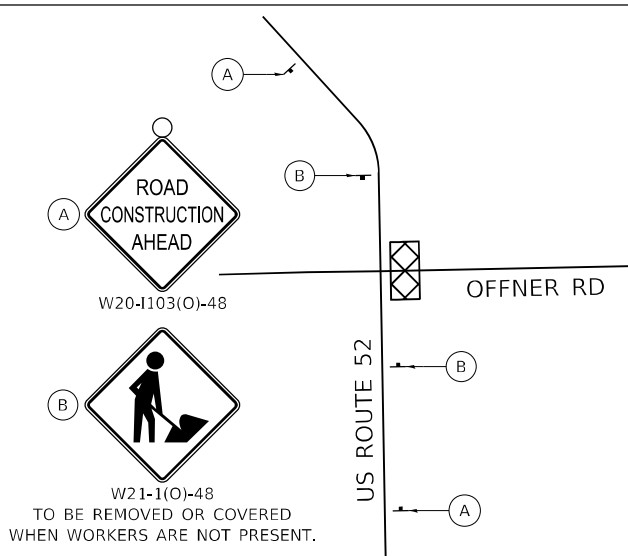


LEGEND

- TYPE III BARRICADE WITH FLASHING LIGHT
- SIGN
- DETOUR ROUTE
- WORK ZONE

NOTES:

- DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
- SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
- A MINIMUM OF 14 DAYS IN ADVANCE OF THE ROAD CLOSURE, THE CONTRACTOR SHALL PLACE 1 ARTERIAL ROAD INFORMATION SIGN AS INDICATED ON THE DETOUR MAP TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THE WORK IS TO BE PAID FOR AT THE CONTRACT PRICE FOR TEMPORARY INFORMATION SIGNING.
- DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR DETOUR SIGNING EXCEPT AS OTHERWISE NOTED.



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DESIGNED	- TC
DRAWN	- TC
CHECKED	- AT
DATE	- 5/30/2025

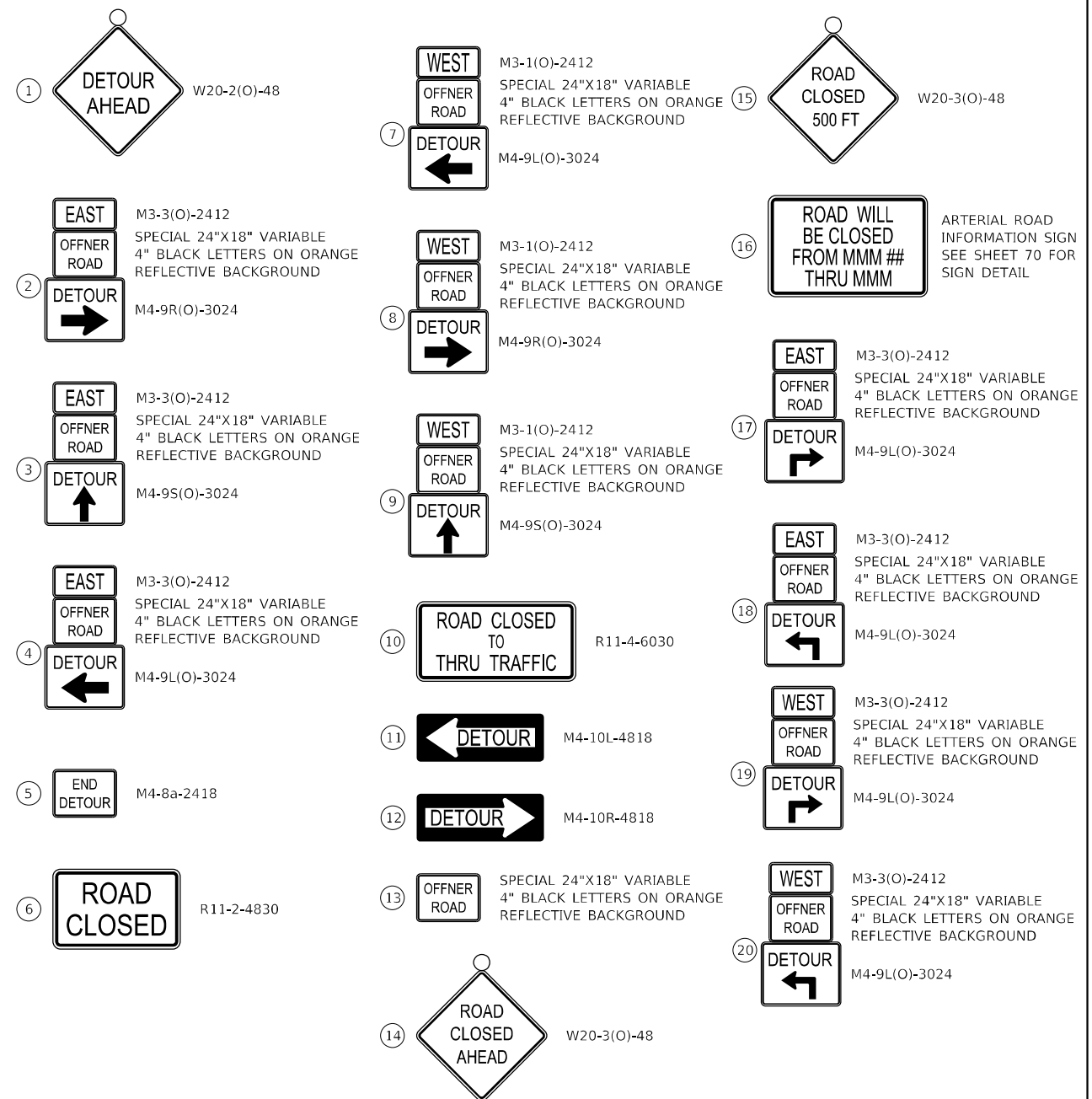
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

US ROUTE 52 (S. CEDAR ROAD) AT DRAVES ROAD OFFNER ROAD DETOUR – STAGE 1

SCALE: NTS SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
852	2022 VARIOUS DRAINAGE	WILL	87	29
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				



- TYPE III BARRICADE WITH FLASHING LIGHT SIGN
- DETOUR ROUTE
- WORK ZONE

1. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
3. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
4. A MINIMUM OF 14 DAYS IN ADVANCE OF THE ROAD CLOSURE, THE CONTRACTOR SHALL PLACE 1 ARTERIAL ROAD INFORMATION SIGN AS INDICATED ON THE DETOUR MAP TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THE WORK IS TO BE PAID FOR AT THE CONTRACT PRICE FOR TEMPORARY INFORMATION SIGNING.
5. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR DETOUR SIGNING EXCEPT AS OTHERWISE NOTED.

PROPOSED DRAINAGE STRUCTURE SCHEDULE

DRAINAGE STRUCTURE ID	PAY ITEM NO.	TYPE OF STRUCTURE	STATION	OFFSET (FT)	RIM ELEV. (FT)	N INV. (FT)	NE INV. (FT)	E INV. (FT)	SE INV. (FT)	S INV. (FT)	SW INV. (FT)	W INV. (FT)	NW INV. (FT)
ROUTE US 52 AT DRAVES ROAD													
DS-1	54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	303+74	33 RT	-	677.50							
DS-2	54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	304+57	33 RT	-					677.25			
ROUTE US 52 AT OFFNER ROAD													
DS-3	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2004+12	33 LT		689.16							
DS-4	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2004+68	33 LT	-					689.00			
DS-5	54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	2004+15	31 RT	-	689.25							
DS-6	54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	2004+68	31 RT	-					689.09			
DS-7	54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	2004+15	33 RT	-	689.25							
DS-8	54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	2004+68	33 RT	-					689.09			
DS-9	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2006+56	31 RT	-	688.37							
DS-10	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2006+89	32 RT	-					688.27			

PROPOSED DRAINAGE PIPE SCHEDULE

DRAINAGE PIPE ID	PAY ITEM NO.	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
ROUTE US 52 AT DRAVES ROAD								
DP-1	542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	RCP	DS-1	DS-2	30	82	0.30
ROUTE US 52 AT OFFNER ROAD								
DP-3	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	RCP	DS-3	DS-4	15	54	0.30
* DP-5	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	RCP	DS-5	DS-6	15	54	0.30
* DP-7	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	RCP	DS-7	DS-8	15	56	0.29
DP-9	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	RCP	DS-9	DS-10	15	34	0.29

* TWIN CULVERTS

REMOVAL SCHEDULE

50105220	PIPE CULVERT REMOVAL			FOOT
STATION	OFFSET	STATION	OFFSET	QUANTITY
ROUTE US 52 AT DRAVES ROAD				
303+75	33 RT	304+14	33 RT	39
304+32	33 RT	304+57	33 RT	25
ROUTE US 52 AT OFFNER ROAD				
2004+09	30 RT	2004+71	29 RT	62
2004+12	33 LT	2004+68	35 LT	56
2006+52	27 RT	2006+93	28 RT	42

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	DRAWN - SS	REVISED -
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PLOT DATE = 7/30/2025	DATE - 5/30/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS LOCATIONS
EXISTING DRAINAGE SCHEDULES

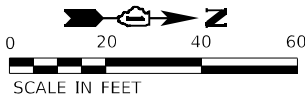
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	31
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	CADD FILE NAME	
NO.	NOTE BOOK	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHWD	
NO.	NOTE BOOK	

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DRAINAGE LEGEND

REFERENCE LINE/
CENTERLINE AND STATIONING

EXISTING RIGHT OF WAY LINE

EXISTING STORM SEWER

PROPOSED STORM SEWER

EXISTING COMBINED SEWER

PROPOSED PIPE CULVERT

PIPE UNDERDRAIN

UTILITY/DRAINAGE TO BE REMOVED

REMOVE ITEMS

FILL AND ABANDON ITEMS

ADJUST ITEMS

EXISTING END SECTION

PROPOSED CATCH BASIN

PROPOSED INLET

EXISTING DRAINAGE
PIPE

EXISTING DRAINAGE
STRUCTURE

PROPOSED DRAINAGE STRUCTURE

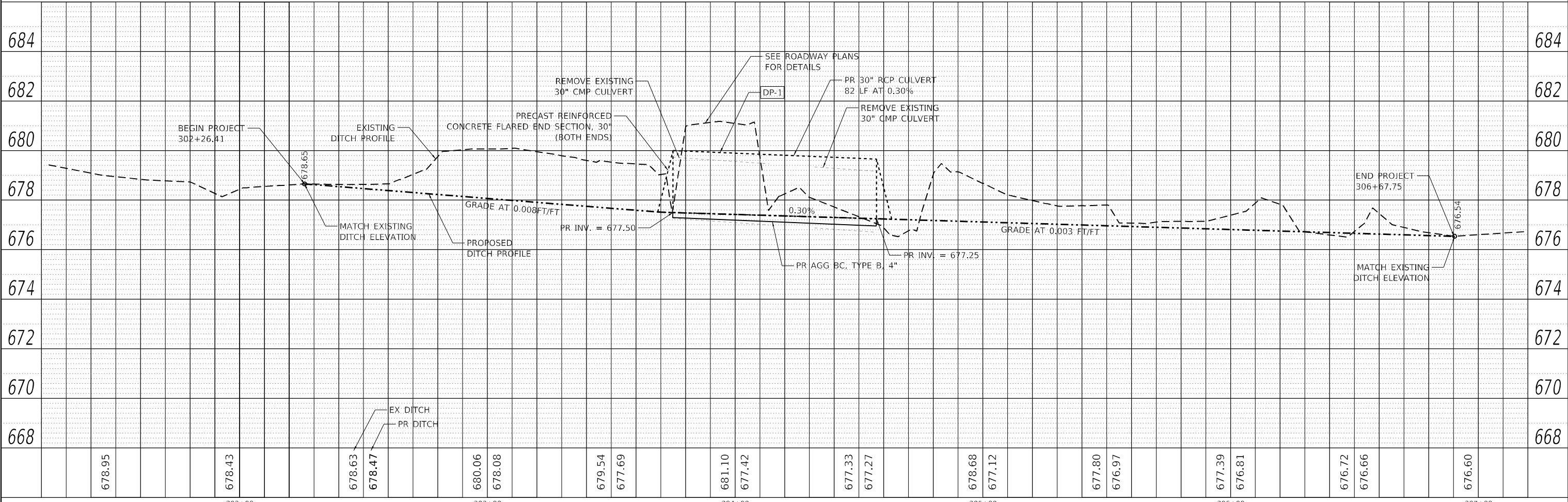
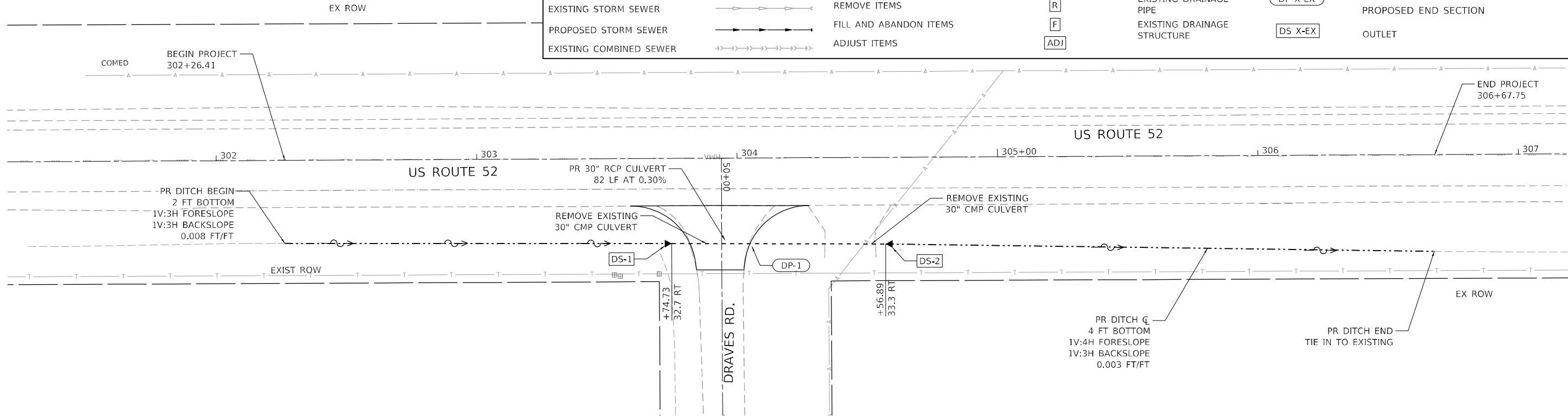
PROPOSED DRAINAGE PIPE

PROPOSED END SECTION

OUTLET

DS XXXX

DP XXXX



AEG ATLAS ENGINEERING
GROUP, LTD.

USER NAME = nappel
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 7/30/2025

DESIGNED - NKA
DRAWN - NKA
CHECKED - BA
DATE - 5/30/2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 (S. CEDAR ROAD) AT DRAVES ROAD
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	32
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
NO.		
NO.		

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
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DRAINAGE LEGEND

REFERENCE LINE/
CENTERLINE AND STATIONING

EXISTING RIGHT OF WAY LINE

EXISTING STORM SEWER

PROPOSED STORM SEWER

EXISTING COMBINED SEWER

PROPOSED PIPE CULVERT

PIPE UNDERDRAIN

UTILITY/DRAINAGE TO BE REMOVED

REMOVE ITEMS

FILL AND ABANDON ITEMS

ADJUST ITEMS

EXISTING END SECTION

PROPOSED CATCH BASIN

PROPOSED INLET

EXISTING DRAINAGE
PIPE

EXISTING DRAINAGE
STRUCTURE

PROPOSED DRAINAGE STRUCTURE

PROPOSED DRAINAGE PIPE

PROPOSED END SECTION

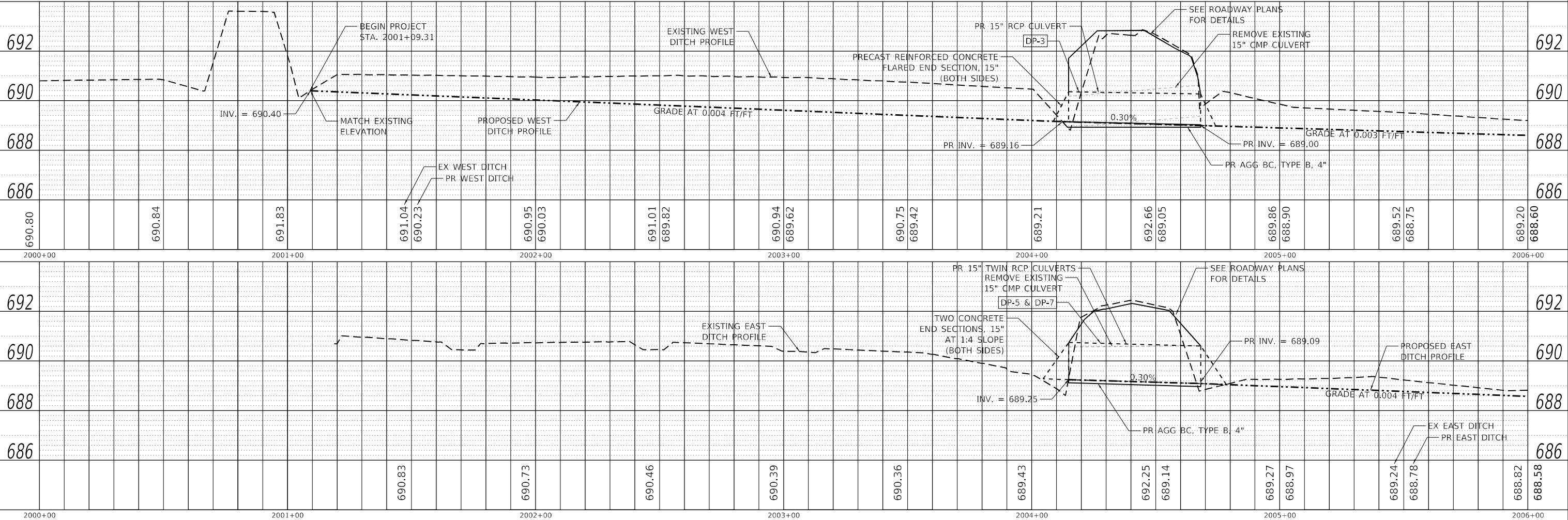
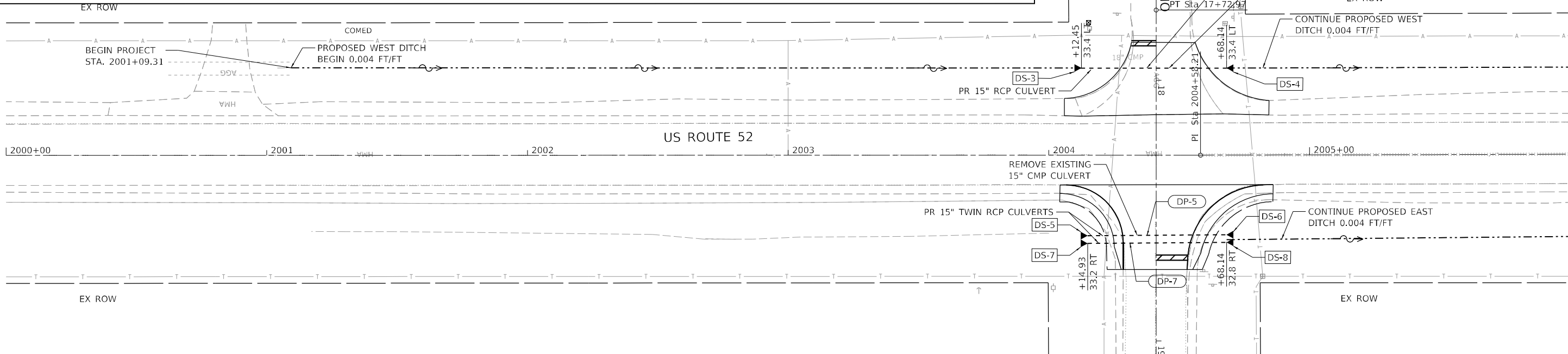
OUTLET

DS XXXX

DP XXXX



SCALE IN FEET



AEG ATLAS ENGINEERING
GROUP, LTD.

USER NAME = nappel

DESIGNED - NKA

REVIS

PLOT SCALE = 40,0000 * / in.

CHECKED - NKA

REVIS

PLOT DATE = 7/30/2025

DRAWN - BA

REVIS

CHECKED - 5/30/2025

REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 (S. CEDAR ROAD) AT OFFNER ROAD
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1"=20'

SHEET

OF

SHEETS

STA.

TO STA.

F.A.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

VAR.

2022 VARIOUS DRAINAGE

VARIOUS

87

33

CONTRACT NO. 62U11

ILLINOIS

FED. AID PROJECT

PLAN	SURVEYED	DATE	BY	NO.
NOTE BOOK	PLOTTED	DATE	BY	NO.
NO.	ALIGNMENT CHECKED	DATE	BY	NO.
NO.	STRUCTURE NOTATION CHWD	DATE	BY	NO.

PROFILE	SURVEYED	DATE	BY	NO.
NOTE BOOK	PLOTTED	DATE	BY	NO.
NO.	GRADES CHECKED	DATE	BY	NO.
NO.	STRUCTURE NOTATION CHWD	DATE	BY	NO.

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DRAINAGE LEGEND

REFERENCE LINE/
CENTERLINE AND STATIONING

EXISTING RIGHT OF WAY LINE

EXISTING STORM SEWER

EXISTING COMBINED SEWER

PROPOSED PIPE CULVERT

PROPOSED STORM SEWER

PIPE UNDERDRAIN

UTILITY/DRAINAGE TO BE REMOVED

EXISTING END SECTION

REMOVE ITEMS

FILL AND ABANDON ITEMS

ADJUST ITEMS

PROPOSED CATCH BASIN

PROPOSED INLET

EXISTING DRAINAGE PIPE

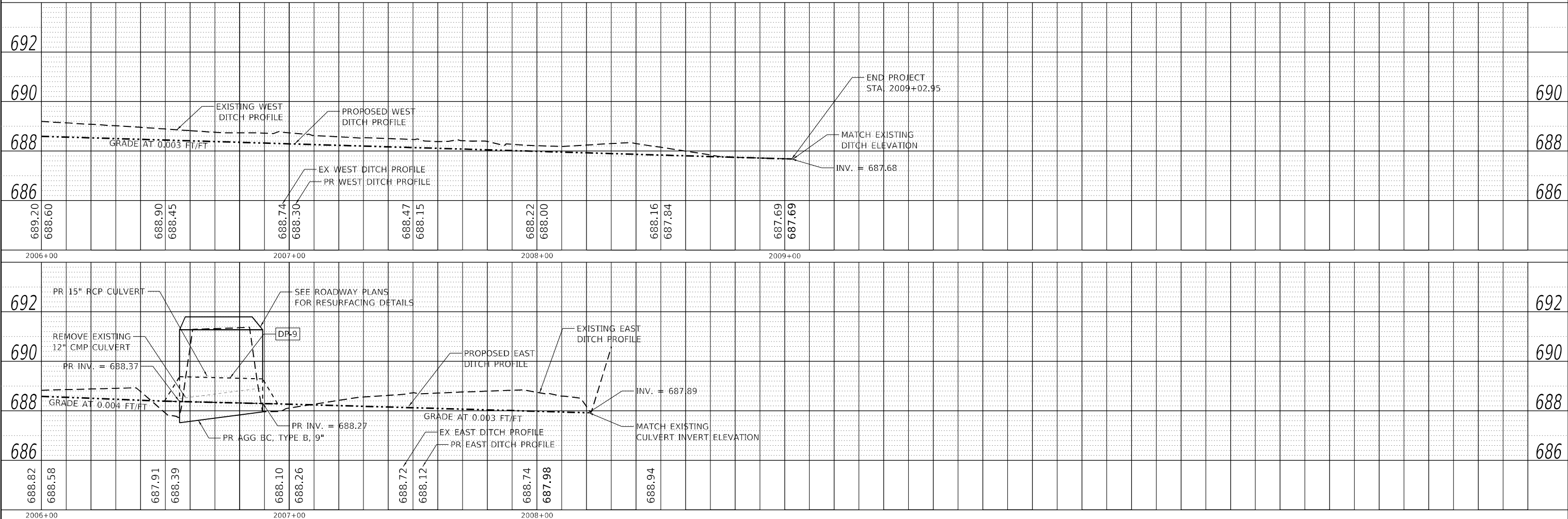
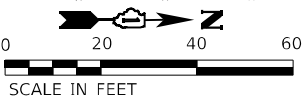
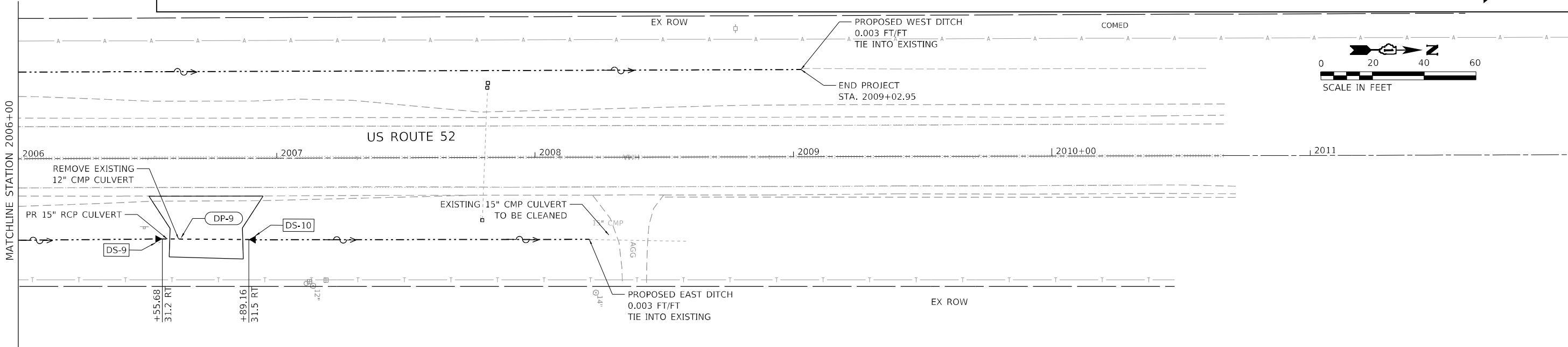
EXISTING DRAINAGE STRUCTURE

PROPOSED DRAINAGE STRUCTURE

PROPOSED DRAINAGE PIPE

PROPOSED END SECTION

OUTLET



AEG ATLAS ENGINEERING
GROUP, LTD.

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CHECKED - 5/30/2025

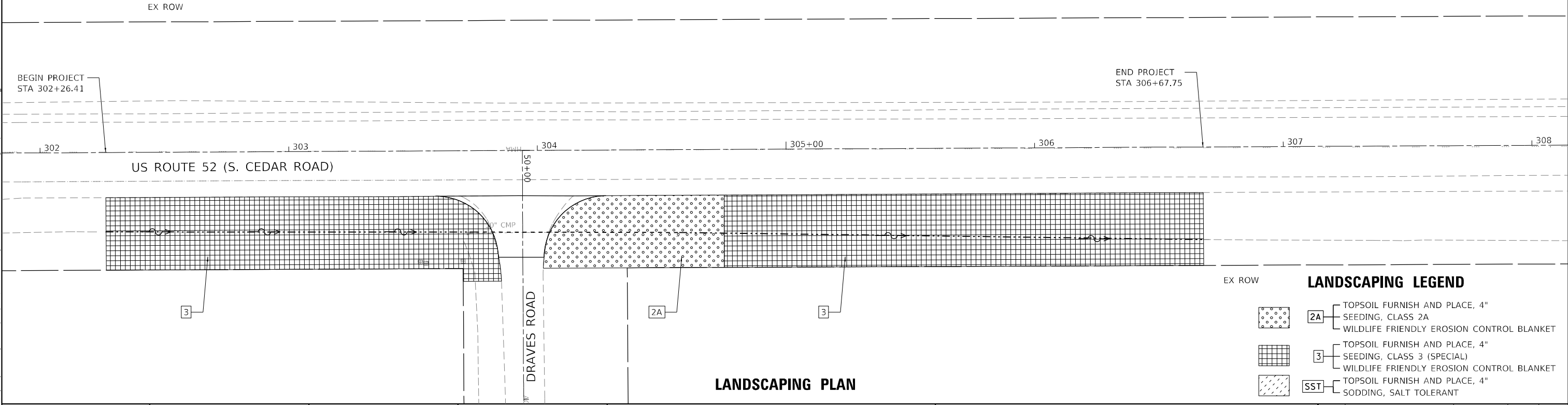
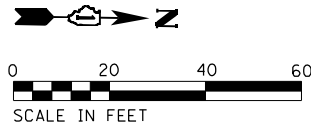
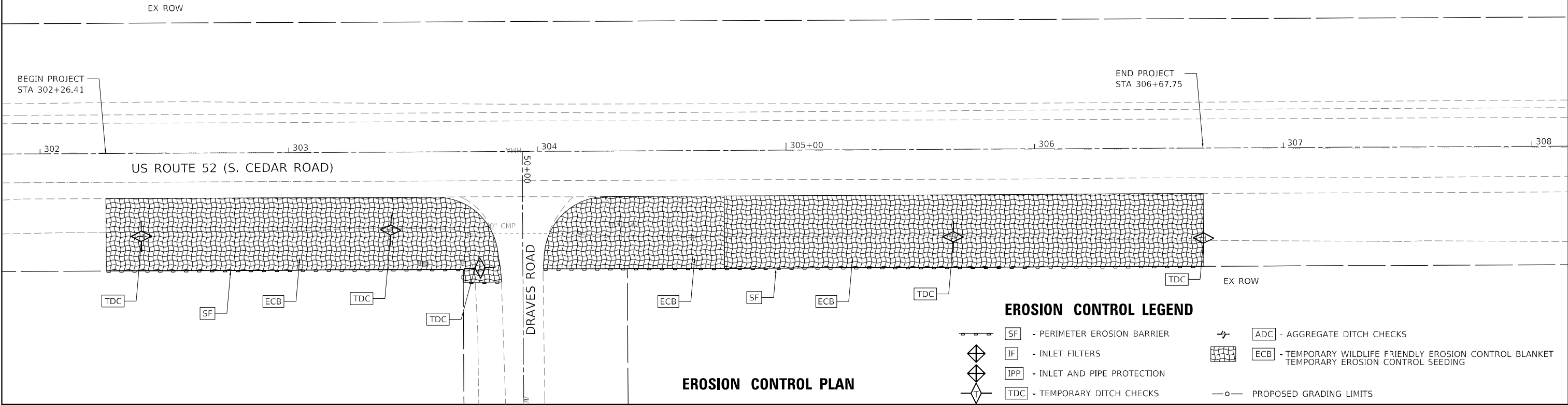
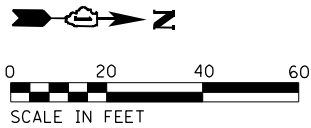
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 (S. CEDAR ROAD) AT OFFNER ROAD
PROPOSED DRAINAGE PLAN AND PROFILE**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	34
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- 2A TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- 3 TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 3 (SPECIAL) WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SST TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT

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PLOT DATE = 7/31/2025	DATE - 5/30/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 (S. CEDAR ROAD) AT DRAVES ROAD
EROSION CONTROL AND LANDSCAPING PLAN

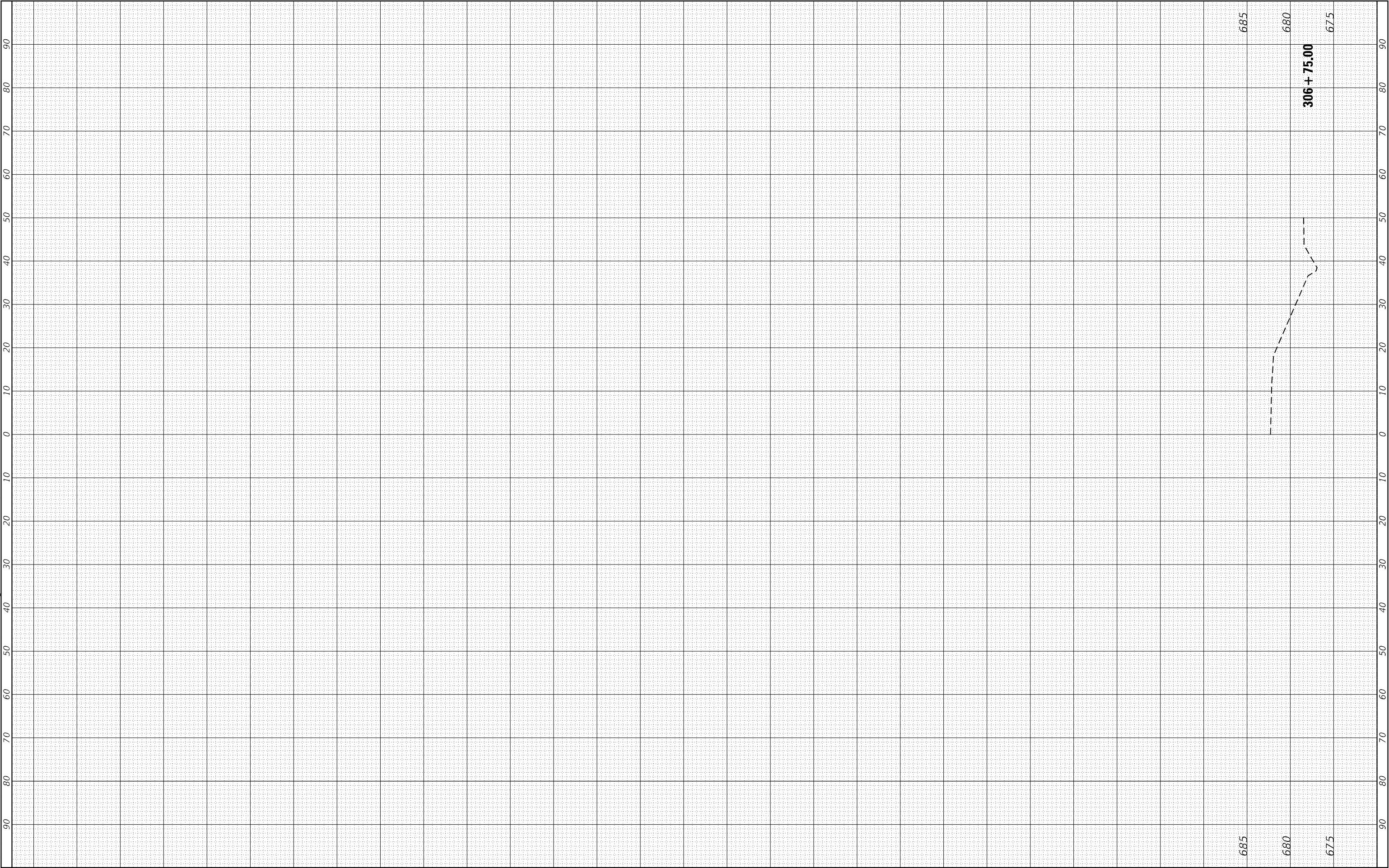
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
852	2022 VARIOUS DRAINAGE	WILL	87	35
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO. _____	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
AREAS CHECKED			

ORIGINAL SURVEY NOTE BOOK NO. _____	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
AREAS CHECKED			

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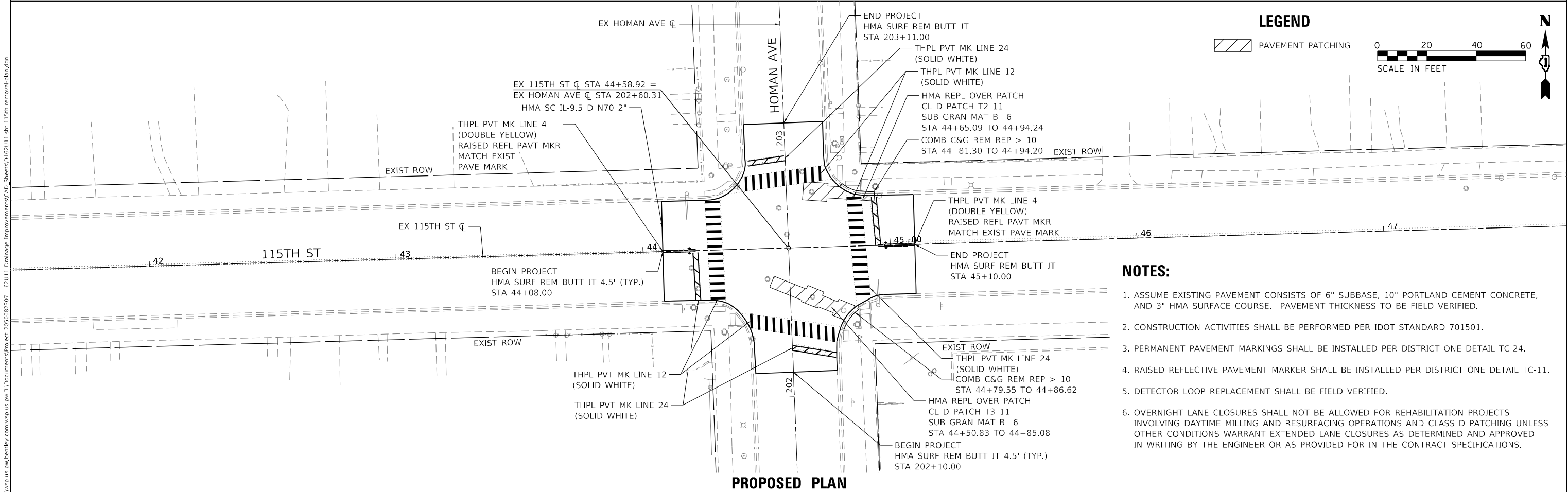
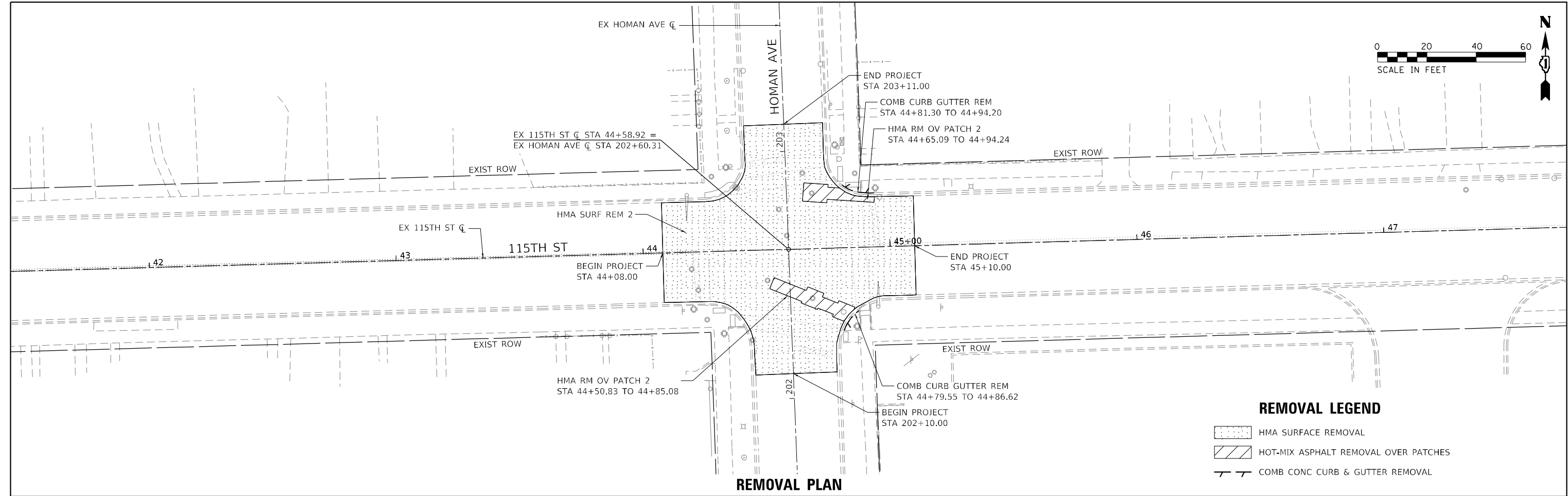
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 (S. CEDAR ROAD) AT DRAVES ROAD CROSS SECTIONS			
SCALE: H: 1"=10' V: 1"=5'	SHEET 4	OF 4 SHEETS	STA. 306+75.00 TO STA. 306+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
852	2022 VARIOUS DRAINAGE	WILL	87	41
CONTRACT NO. 62U11				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

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- NOTES:**
1. ASSUME EXISTING PAVEMENT CONSISTS OF 6" SUBBASE, 10" PORTLAND CEMENT CONCRETE, AND 3" HMA SURFACE COURSE. PAVEMENT THICKNESS TO BE FIELD VERIFIED.
 2. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701501.
 3. PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED PER DISTRICT ONE DETAIL TC-24.
 4. RAISED REFLECTIVE PAVEMENT MARKER SHALL BE INSTALLED PER DISTRICT ONE DETAIL TC-11.
 5. DETECTOR LOOP REPLACEMENT SHALL BE FIELD VERIFIED.
 6. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

FILE NAME: DWG		USER NAME = USTC714594	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	115TH STREET AT HOMAN AVENUE REMOVAL PLAN AND PROPOSED PLAN					F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - TC	REVISED -							1583	2023 VAR DRAINAGE	COOK	87	48
		PLOT SCALE = 40,0000' = 1" / lin.	CHECKED - AT	REVISED -							CONTRACT NO. 62U11				
		PLOT DATE = 5/30/2025	DATE - 5/30/2025	REVISED -		SCALE: 1"=20'		SHEET 1	OF 1	SHEETS	STA. 44+08.00	TO STA. 45+10.00	ILLINOIS		FED. AID PROJECT

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EXISTING DRAINAGE STRUCTURE SCHEDULE

DRAINAGE STRUCTURE ID	TYPE OF STRUCTURE	STATION	OFFSET (FT)	RIM ELEV. (FT)	N INV. (FT)	NE INV. (FT)	E INV. (FT)	SE INV. (FT)	S INV. (FT)	SW INV. (FT)	W INV. (FT)	NW INV. (FT)
W. 115TH STREET AT HOMAN AVENUE												
DS-1-EX	EXISTING CATCH BASIN	44+80	26 RT	616.31								612.81
DS-2-EX	EXISTING MANHOLE	44+68	20 RT	616.98				612.71				612.48
DS-3-EX	EXISTING MANHOLE	44+50	12 RT	617.12			608.12	*611.80			608.12	
DS-4-EX	EXISTING MANHOLE	44+22	15 RT	616.81			608.00				608.00	
DS-5-EX	EXISTING MANHOLE	44+19	7 RT	616.98			606.52				606.47	
DS-6-EX	EXISTING MANHOLE	44+55	16 LT	617.42		607.92		607.92			607.82	
DS-7-EX	EXISTING MANHOLE	44+69	22 LT	617.20	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK
DS-8-EX	EXISTING MANHOLE	44+58	6 LT	617.39	609.79			611.59	609.89			
DS-9-EX	EXISTING CATCH BASIN	44+96	20 LT	616.90								613.10
DS-10-EX	UNK	44+65	31 LT	UNK								
DS-11-EX	UNK	44+38	25 LT	UNK								
DS-12-EX	UNK	44+43	36 RT	UNK								

* PROPOSED PIPE DP-1 CONNECTING TO EXISTING STRUCTURE DS-3-EX AT SE INVERT

EXISTING DRAINAGE PIPE SCHEDULE

DRAINAGE PIPE ID	TYPE OF PIPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
W. 115TH STREET AT HOMAN AVENUE						
DP-2-EX	EXISTING 6" COMBINED SEWER	DS-2-EX	DS-8-EX	6	26	3.43
DP-3-EX	EXISTING 12" COMBINED SEWER	DS-3-EX	DS-4-EX	12	28	0.43
DP-4-EX	EXISTING 12" COMBINED SEWER	DS-4-EX	UNK	12	UNK	UNK
DP-5-EX	EXISTING 24" COMBINED SEWER	DS-5-EX	UNK	24	UNK	UNK
DP-6-EX	EXISTING 15" RCP STORM SEWER	DS-6-EX	DP-13-EX	15	31	UNK
DP-8-EXA	EXISTING 12" COMBINED SEWER	DS-8-EX	UNK	12	UNK	UNK
DP-8-EXB	EXISTING 12" COMBINED SEWER	DS-8-EX	DS-6-EX	12	12	15.59
DP-9-EX	EXISTING 6" RCP STORM SEWER	DS-9-EX	UNK	6	25	UNK
DP-13-EX	EXISTING 24" COMBINED SEWER	UNK	DS-5-EX	24	UNK	UNK

PROPOSED DRAINAGE STRUCTURE SCHEDULE

DRAINAGE STRUCTURE ID	PAY ITEM NO.	TYPE OF STRUCTURE	STATION	OFFSET (FT)	RIM ELEV. (FT)	N INV. (FT)	NE INV. (FT)	E INV. (FT)	SE INV. (FT)	S INV. (FT)	SW INV. (FT)	W INV. (FT)	NW INV. (FT)
W. 115TH STREET AT HOMAN AVENUE													
DS-1	60200105	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	44+83	27 RT	616.31								612.20
DS-7	60200205	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	44+72	23 LT	617.26			UNK			UNK		

NOTE: DS-7 IS REPLACING FLOODED STRUCTURE. PROPOSED INVERTS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

PROPOSED DRAINAGE PIPE SCHEDULE

DRAINAGE PIPE ID	PAY ITEM NO.	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
W. 115TH STREET AT HOMAN AVENUE								
DP-1	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	DIP	DS-1	DS-3-EX	12	36	2.22
DP-9	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	DIP	DS-9-EX	DS-7	12	22	UNK

REMOVAL SCHEDULE

55100500		STORM SEWER REMOVAL 12"			FOOT
115TH ST AT HOMAN AVE					
STATION		OFFSET	STATION	OFFSET	QUANTITY
DP-1-EX	44+80	26 RT	44+68	20 RT	14
60500040		REMOVING MANHOLES			EACH
115TH ST AT HOMAN AVE					
DS-2-EX		44+68	20 RT		1
DS-7-EX		44+69	22 RT		1
				TOTAL	2
60500050		REMOVING CATCH BASINS			EACH
115TH ST AT HOMAN AVE					
STRUCTURE ID		STATION	OFFSET		QUANTITY
DS-1-EX		44+80	26 RT		1

X5509900		ABANDON AND FILL EXISTING STORM SEWER			FOOT	
115TH ST AT HOMAN AVE						
PIPE ID	STATION	OFFSET	STATION	OFFSET	QUANTITY	
DP-2-EX	44+68	19 RT	44+59	5 RT	26	
DP-9-EX	44+73	22 LT	44+95	20 LT	25	
					TOTAL	51

X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE		EACH
115TH ST AT HOMAN AVE			
DS-3-EX	44+50	12 RT	1
DS-9-EX	44+96	20 LT	1

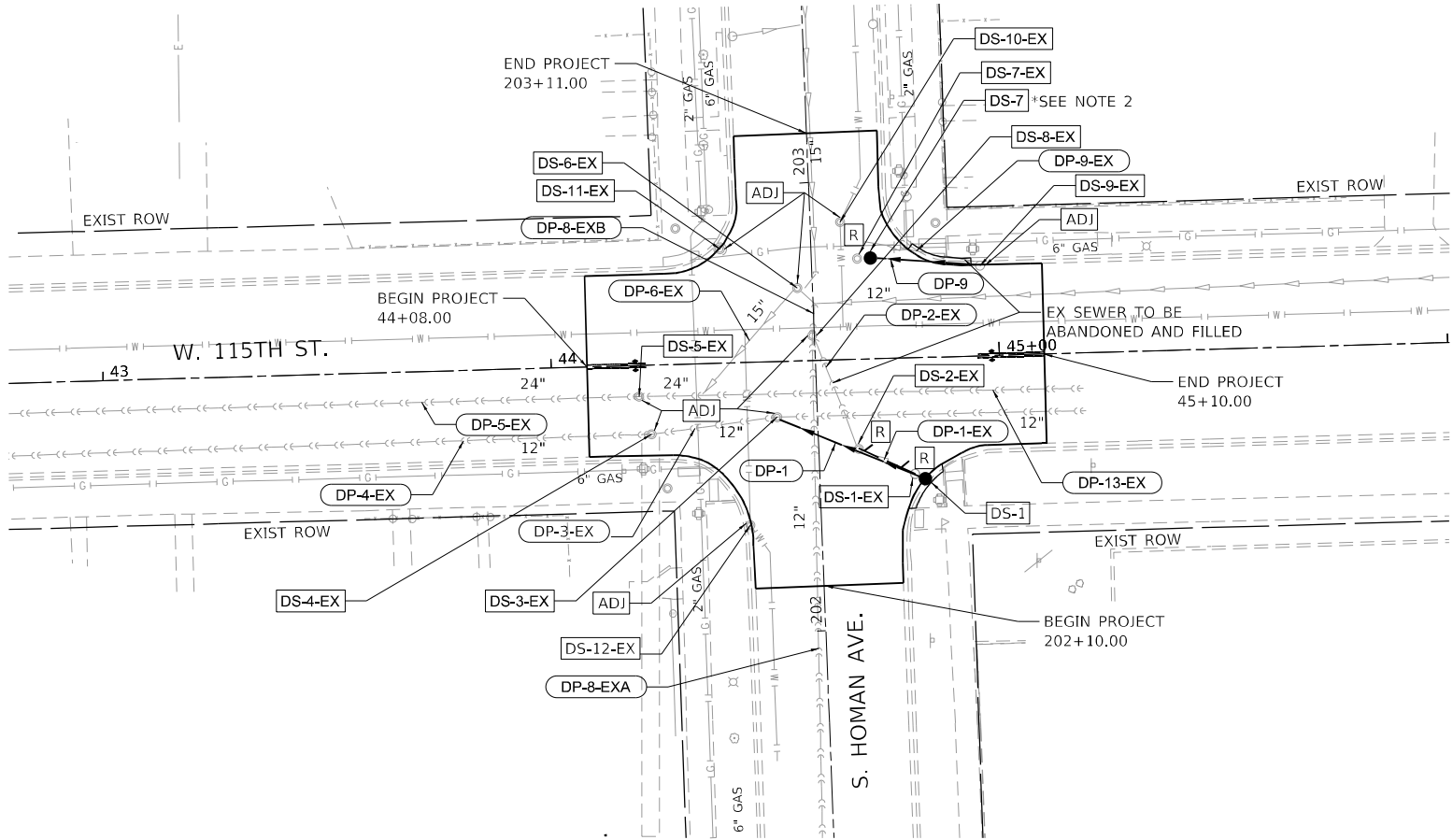
ADJUSTMENT SCHEDULE

X6030205	FRAME AND GRATES TO BE ADJUSTED (SPECIAL)			EACH
115TH ST AT HOMAN AVE				
STRUCTURE ID	STATION		OFFSET	QUANTITY
DS-9-EX	44+96		20 LT	1
X6030310	FRAME AND LIDS TO BE ADJUSTED (SPECIAL)			EACH
115TH ST AT HOMAN AVE				
STRUCTURE ID	STATION		OFFSET	QUANTITY
DS-3-EX	44+50		12 RT	1
DS-4-EX	44+22		15 RT	1
DS-5-EX	44+19		7 RT	1
DS-6-EX	44+55		16 RT	1
DS-8-EX	44+58		6 LT	1
DS-10-EX	44+65		31 LT	1
DS-11-EX	44+38		25 LT	1
DS-12-EX	44+43		36 RT	1
			TOTAL	8

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED STRUCTURE NOTED CADD FILE NAME	BY	DATE

PROFILE	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTED CADD FILE NAME	BY	DATE

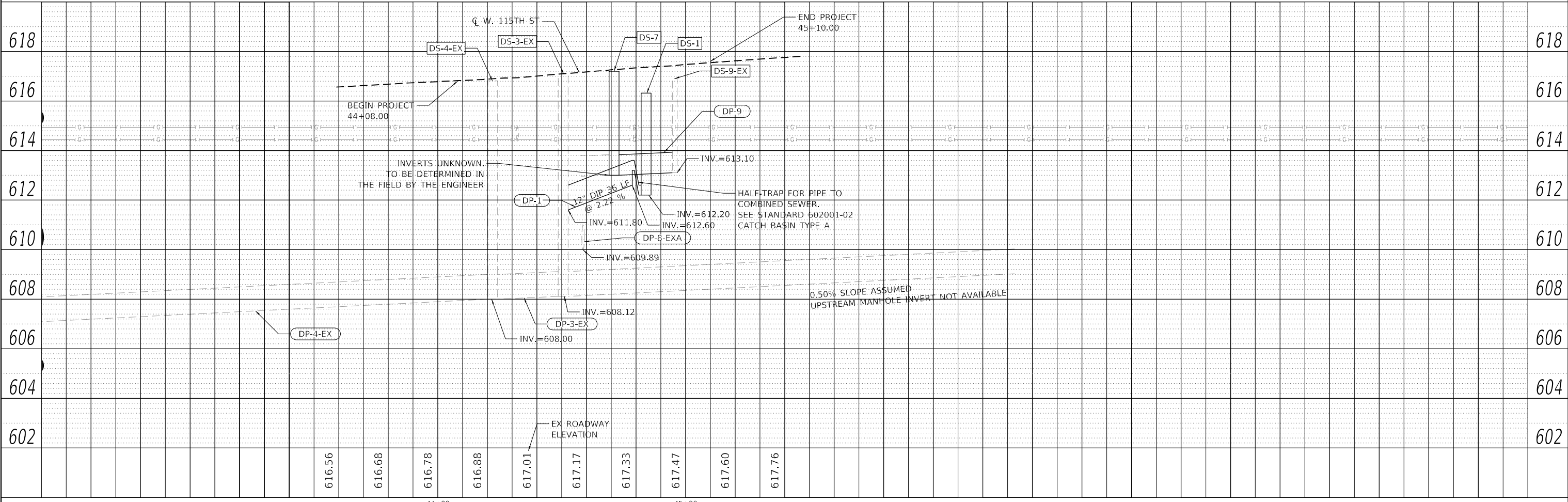
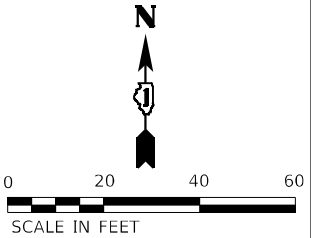
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DRAINAGE LEGEND

REFERENCE LINE/ CENTERLINE AND STATIONING	---	EXISTING END SECTION	◁
EXISTING RIGHT OF WAY LINE	---	PROPOSED CATCH BASIN	●
EXISTING STORM SEWER	→→→→→	PROPOSED INLET	■
EXISTING COMBINED SEWER	→→→→→	EXISTING DRAINAGE PIPE	DP X-EX
PROPOSED PIPE CULVERT	---	EXISTING DRAINAGE STRUCTURE	DS X-EX
PROPOSED STORM SEWER	→→→→→	PROPOSED DRAINAGE STRUCTURE	DS XXXX
PIPE UNDERDRAIN	→→→→→	PROPOSED DRAINAGE PIPE	DP XXXX
UTILITY/DRAINAGE TO BE REMOVED	---	PROPOSED END SECTION	▷
REMOVE ITEMS	[R]	OUTLET	➔
ADJUST ITEMS	[ADJ]	FILL AND ABANDON ITEMS	[F]

- NOTES:
1. CONNECTION TO EXISTING DRAINAGE STRUCTURE WITH PROPOSED STORM SEWER IS INCLUDED IN THE COST OF THE STORM SEWER PAY ITEM.
 2. DRAINAGE STRUCTURE FLOODED. ASSUMED AS STORM SEWER. TO BE REPLACED IN KIND. TYPE OF STRUCTURE, PIPE SIZING, INVERTS, AND ALL SURROUNDING NECESSARY WORK TO BE DETERMINED BY THE ENGINEER IN THE FIELD. PROPOSED LOCATION TO BE SHIFTED EAST SO THAT THERE IS 5 FT CLEARANCE FROM EXISTING 8" WATERMAIN, OR MAXIMUM ALLOWABLE, PER CDWM STANDARD. ALL PIPES INSTALLED IN CONNECTION TO PROPOSED STRUCTURE TO BE DUCTILE IRON PIPE.
 3. DRAINAGE PIPE INSTALLATION SHALL FOLLOW IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS WELL AS PEOPLE'S GAS STANDARD PROCEDURES AS DETAILED IN THE GENERAL NOTES





O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15	2022 VARIOUS DRAINAGE	COOK	87	51
		CONTRACT NO. 62U11		
		ILLINOIS FED. AID PROJECT		

STAGING GENERAL NOTES

1.

TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION FOR TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE ENGINEER SHALL BE INFORMED IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLANS.
2.

TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL RESPOND PROMPTLY TO ANY DIRECTION GIVEN BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC CONTROL DEVICES.
3.

CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE DISTRICT ONE AND STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER.
4.

EXISTING TRAFFIC SIGNS CONFLICT WITH PLANS BE COVERED.
5.

THE “ROAD CONSTRUCTION AHEAD” SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
6.

ALL EXISTING 7” (1.5” BLACK, 4” WHITE, 1.5” BLACK) PREFORMED PLASTIC TYPE B STANDARD LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING 7” (1.5” BLACK, 4” WHITE, 1.5” BLACK) PREFORMED PLASTIC TYPE B STANDARD PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED AFTER THE COMPLETION OF THE STAGING.
7.

ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV (AND/OR MODIFIED URETHANE) USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS “PAVEMENT MARKING REMOVAL-WATER BLASTING”.
8.

PAVEMENT MARKING TAPE, TYPE IV SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.
9.

CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.
10.

WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

SEQUENCE OF CONSTRUCTION

TAFT AVENUE - STAGE 1

1.

INSTALL PORTABLE CHANGEABLE MESSAGE SIGNING AS DIRECTED BY THE ENGINEER.
2.

REMOVE PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER REFLECTORS THAT MAY CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLANS. INSTALL TEMPORARY PAVEMENT MARKINGS AND RAISED MARKERS.
3.

MAINTAIN NORTHBOUND AND SOUTHBOUND LANES ALONG TAFT AVENUE.
4.

CLOSE WEST LEG OF ELM AVENUE PER DETOUR PLAN.
5.

CONSTRUCT PATCHES PER PLANS. MILL AND RESURFACE PAVEMENT PER APPLICABLE IDOT HIGHWAY STANDARDS.
6.

COMPLETE PERMANENT PAVEMENT MARKINGS UTILIZING IDOT HIGHWAY STANDARD TC-13.

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PLOT DATE	= 7/31/2025

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DATE	-	5/30/2025

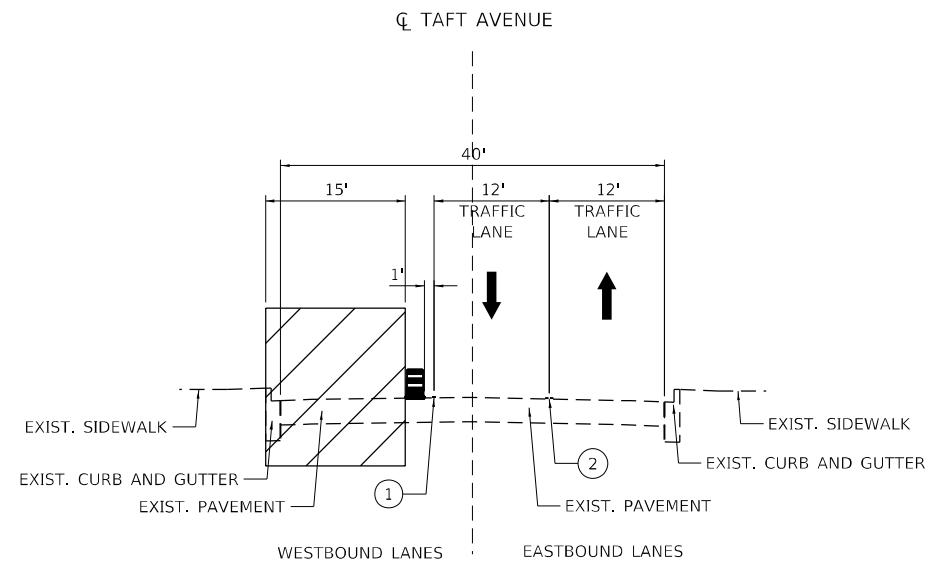
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TAFT AVENUE AT ELM AVENUE
TRAFFIC CONTROL GENERAL NOTES /SEQUENCE OF CONSTRUCTION

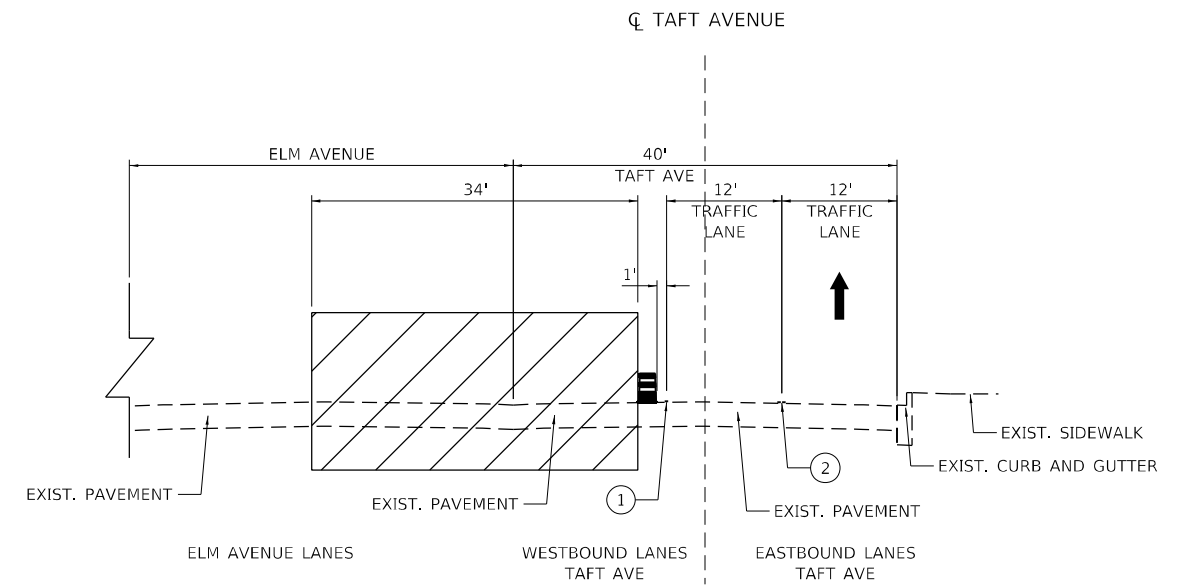
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15	2022 VARIOUS DRAINAGE	COOK	87	52
CONTRACT NO. 62U11				
		ILLINOIS	FED. AID PROJECT	



MAINTENANCE OF TRAFFIC TAFT AVENUE

STA 11+80.00 TO STA 11+94.39
STA 12+42.08 TO STA 12+40.00



MAINTENANCE OF TRAFFIC TAFT AVENUE AND ELM AVENUE INTERSECTION

STA 11+94.39 TO STA 12+42.08

LEGEND

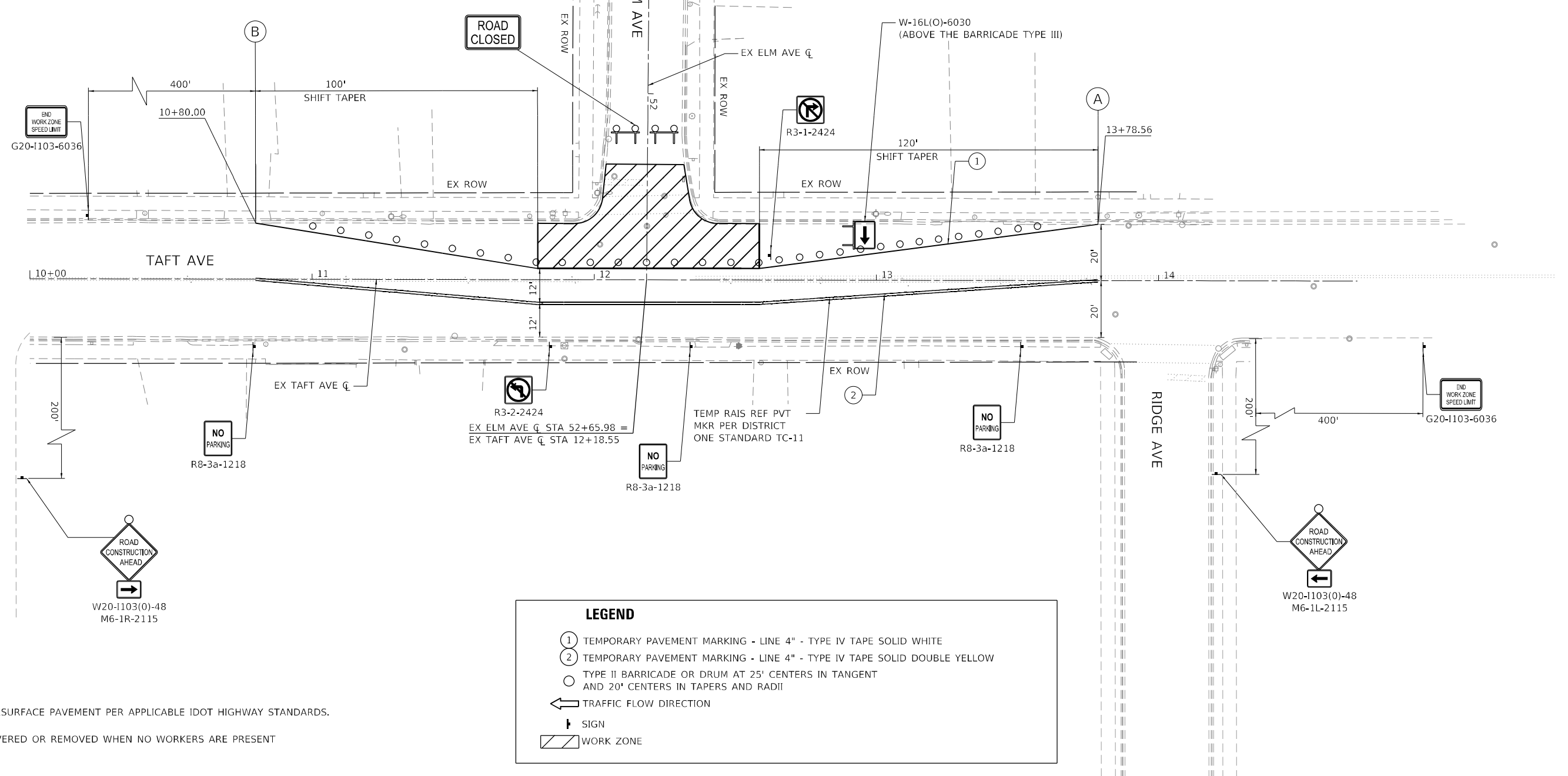
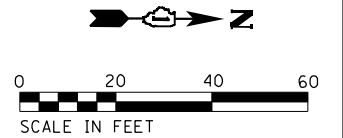
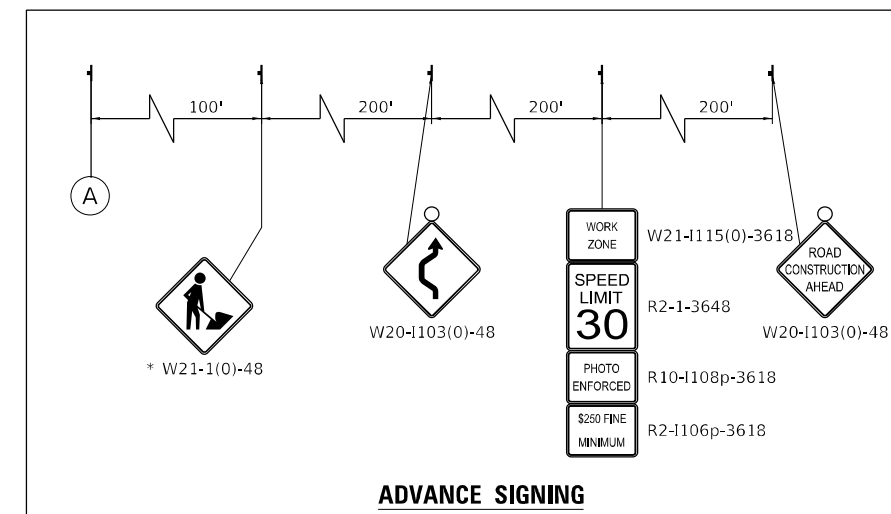
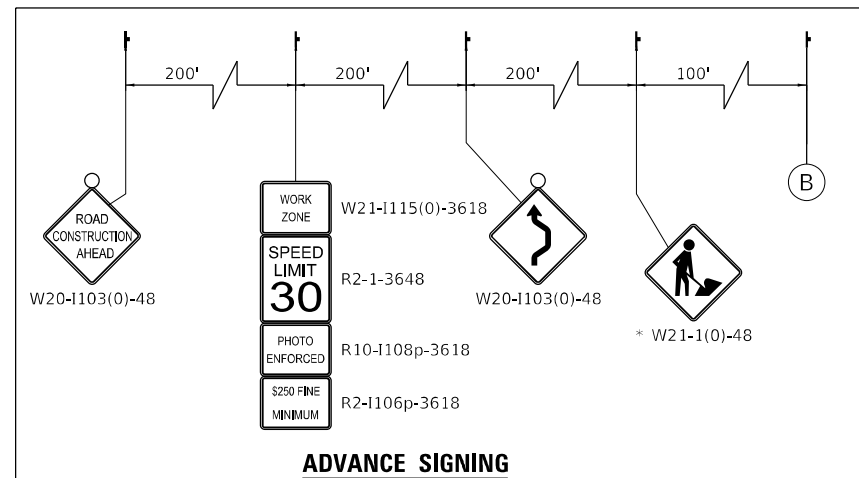
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW, 11" C-C



DIRECTION OF TRAFFIC FLOW

TYPE II BARRICADE OR DRUM

WORK ZONE

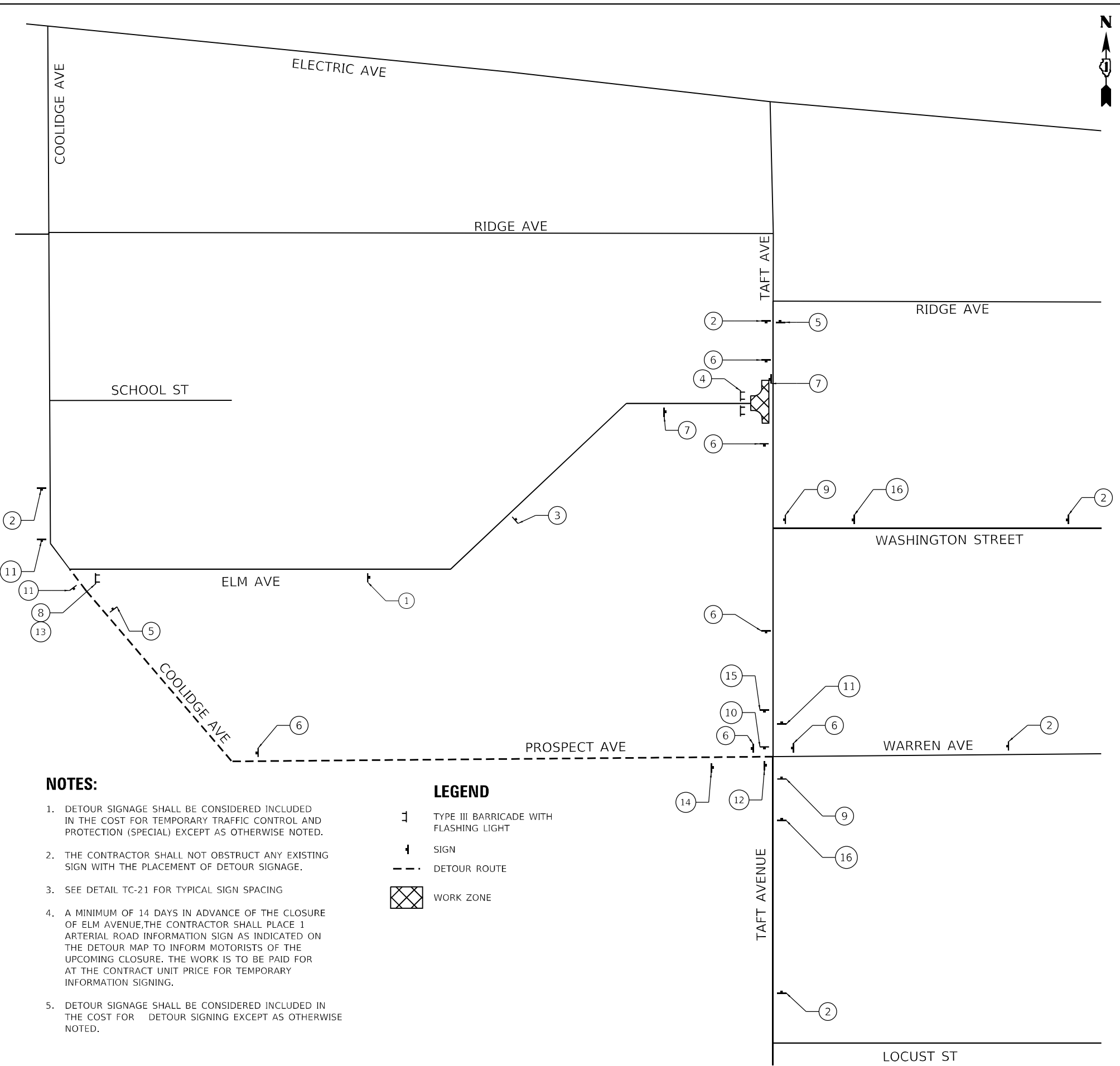


NOTE:

MILL AND RESURFACE PAVEMENT PER APPLICABLE IDOT HIGHWAY STANDARDS.

† TO BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT

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NOTES:

1. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
3. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING
4. A MINIMUM OF 14 DAYS IN ADVANCE OF THE CLOSURE OF ELM AVENUE,THE CONTRACTOR SHALL PLACE 1 ARTERIAL ROAD INFORMATION SIGN AS INDICATED ON THE DETOUR MAP TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THE WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY INFORMATION SIGNING.
5. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR DETOUR SIGNING EXCEPT AS OTHERWISE NOTED.

LEGEND

- TYPE III BARRICADE WITH FLASHING LIGHT
- SIGN
- DETOUR ROUTE
- WORK ZONE

1

W20-3(O)-48

2

W20-2(O)-48

3

W20-3(O)-48

4

R11-2-4830

5

M4-8a-2418

6

WEST

ELM AVENUE

M3-1(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9S(O)-3024

7

ROAD WILL
BE CLOSED
FROM MMM ##
THRU MMM

ARTERIAL ROAD
INFORMATION SIGN
SEE SHEET 70 FOR
SIGN DETAIL

8

R11-4-6030

9

WEST

ELM AVENUE

M3-1(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9L(O)-024

10

WEST

ELM AVENUE

M3-1(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9R(O)-3024

11

NORTH

TAFT AVENUE

M3-3(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9S(O)-3024

12

NORTH

TAFT AVENUE

M3-3-2412(O)
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9L(O)3024

13

M4-10R-4818

14

NORTH

TAFT AVENUE

M3-3(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9L(O)-3024

15

WEST

ELM AVENUE

M3-3(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9L(O)-3024

16

WEST

ELM AVENUE

M3-3(O)-2412
SPECIAL 24"X18" VARIABLE
4" BLACK LETTERS ON ORANGE
REFLECTIVE BACKGROUND
M4-9L(O)-3024

DRAINAGE STRUCTURE ID	TYPE OF STRUCTURE	STATION	OFFSET (FT)	RIM ELEV. (FT)	N INV. (FT)	NE INV. (FT)	E INV. (FT)	SE INV. (FT)	S INV. (FT)	SW INV. (FT)	W INV. (FT)	NW INV. (FT)
TAFT AVENUE AT ELM STREET												
DS-3-EX	EXISTING CATCH BASIN	52+16	12 RT	673.42			UNK				UNK	
DS-4-EX	EXISTING MANHOLE	12+02	11 LT	673.99	663.32 (24"), 668.82 (10")				663.32		669.12	668.32

DRAINAGE PIPE ID	TYPE OF PIPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
TAFT AVENUE AT ELM STREET						
DP-3-EX	EXISTING 21" STORM SEWER	UNK	DS-4-EX	21	UNK	UNK
DP-4-EXA	EXISTING 24" SANITARY SEWER	UNK	DS-4-EX	24	UNK	UNK
DP-4-EXB	EXISTING 24" SANITARY SEWER	DS-4-EX	UNK	24	UNK	UNK

DRAINAGE STRUCTURE ID	PAY ITEM NO.	TYPE OF STRUCTURE	STATION	OFFSET (FT)	RIM ELEV. (FT)	N INV. (FT)	NE INV. (FT)	E INV. (FT)	INV. (FT)	S INV. (FT)	SW INV. (FT)	W INV. (FT)	NW INV. (FT)
TAFT AVENUE AT ELM STREET													
DS-1	60200105	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	12+38	20 LT	673.88				669.25		669.35		
DS-2	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	12+33	36 LT	674.04		669.45						

DRAINAGE PIPE ID	PAY ITEM NO.	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
TAFT AVENUE AT ELM STREET								
DP-1	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	RCP	DS-1	DS-4-EX	15	35	2.66
DP-2	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	RCP	DS-2	DS-1	12	10	1.00

X6030310	FRAME AND LIDS TO BE ADJUSTED (SPECIAL)		EACH
TAFT AVENUE AT ELM STREET			
STRUCTURE ID	STATION	OFFSET	QUANTITY
N/A	12+07	37 LT	1
N/A	12+19	19 LT	1
DS-4-EX	12+02	13 LT	1
TOTAL			3

55100500	STORM SEWER REMOVAL 12"			FOOT
TAFT AVENUE AT ELM STREET				
STATION	OFFSET	STATION	OFFSET	QUANTITY
12+31	35 LT	12+26	29 LT	7
12+24	28 LT	12+03	12 LT	27
12+37	20 LT	12+03	12 LT	35
			TOTAL	69

60500060	REMOVING INLETS		EACH
TAFT AVENUE AT ELM STREET			
STRUCTURE ID	STATION	OFFSET	QUANTITY
N/A	12+31	36 LT	1
N/A	12+38	20 LT	1
TOTAL			2

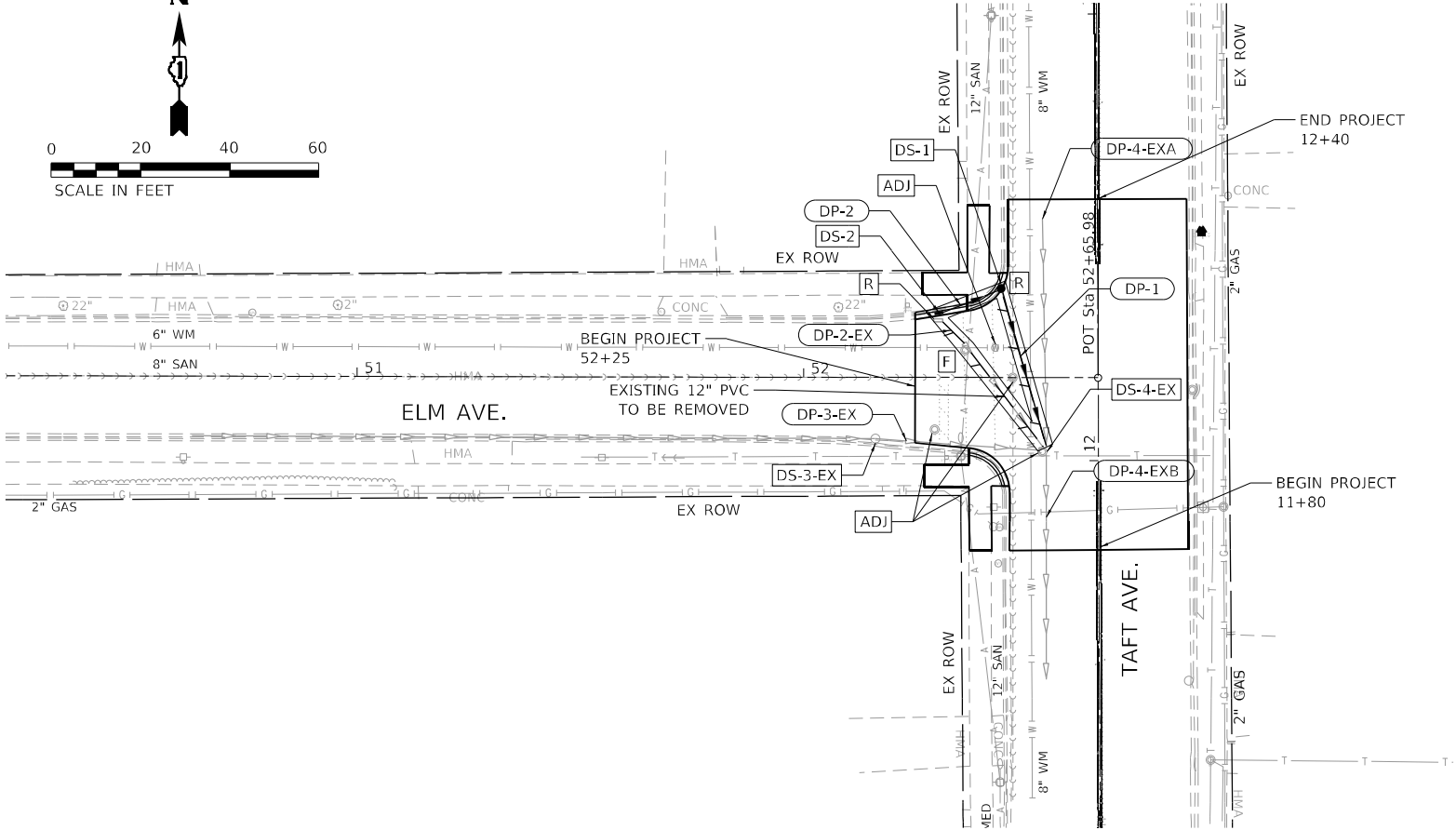
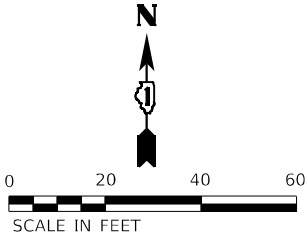
60500105	FILLING MANHOLES		EACH
TAFT AVENUE AT ELM STREET			
STRUCTURE ID	STATION	OFFSET	QUANTITY
N/A	12+25	30 LT	1
		TOTAL	1

X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE		EACH
TAFT AVENUE AT ELM STREET			
STRUCTURE ID	STATION	OFFSET	QUANTITY
DS-4-EX	12+20	11 LT	1
TOTAL			1

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
NO.		
NO.		

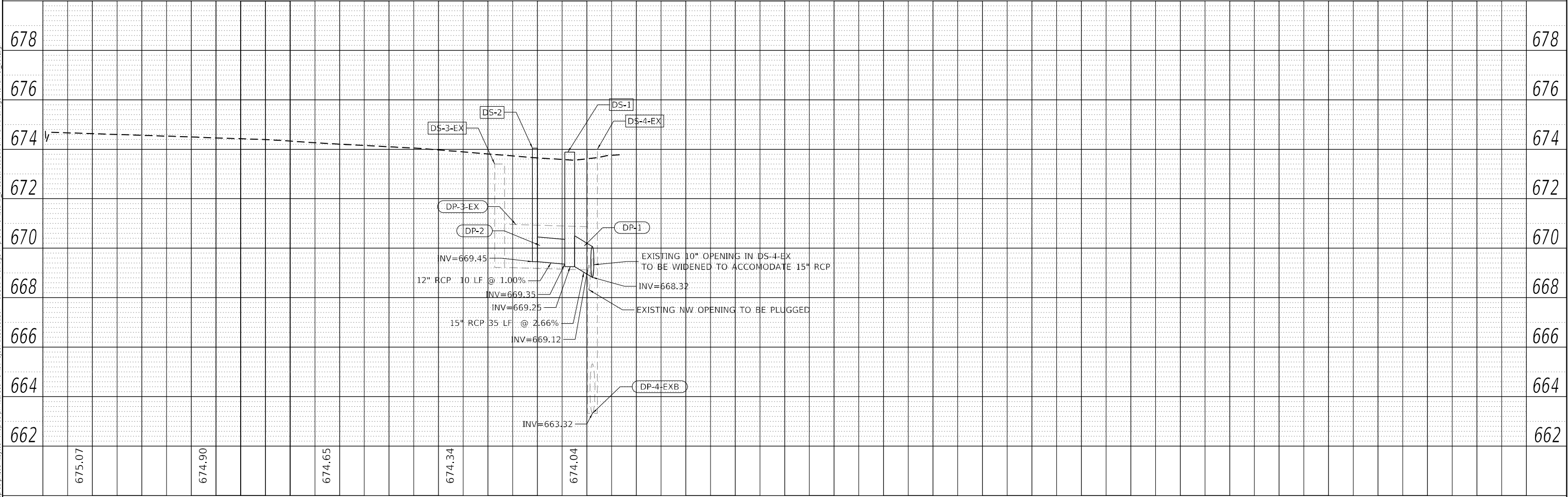
PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
NO.		
NO.		

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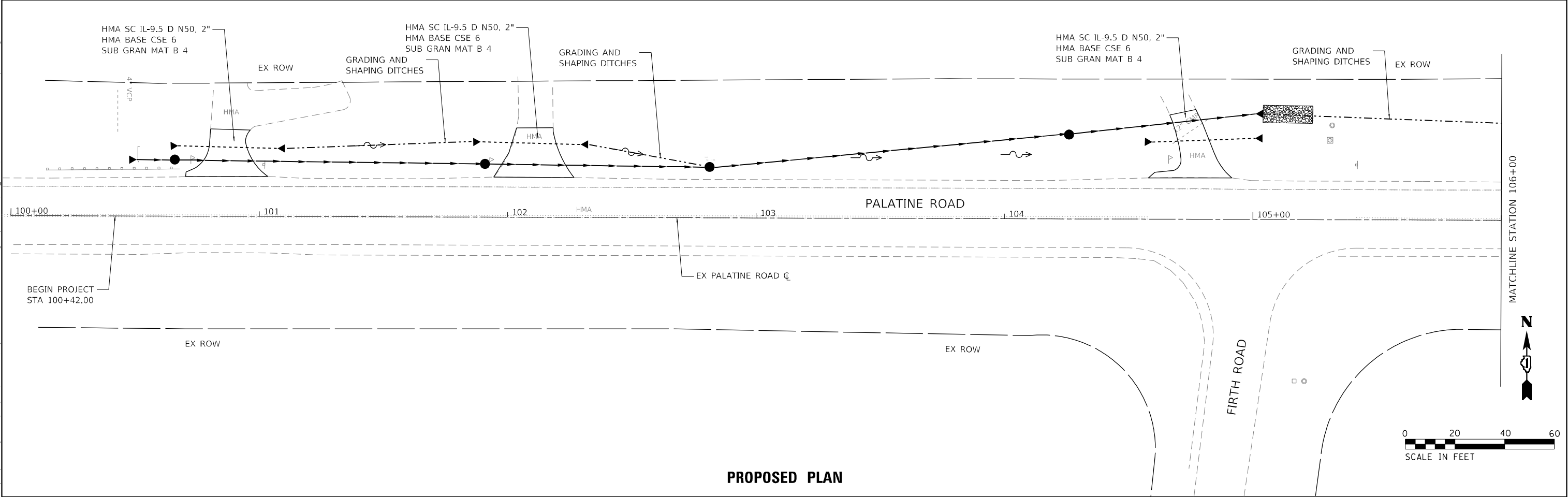
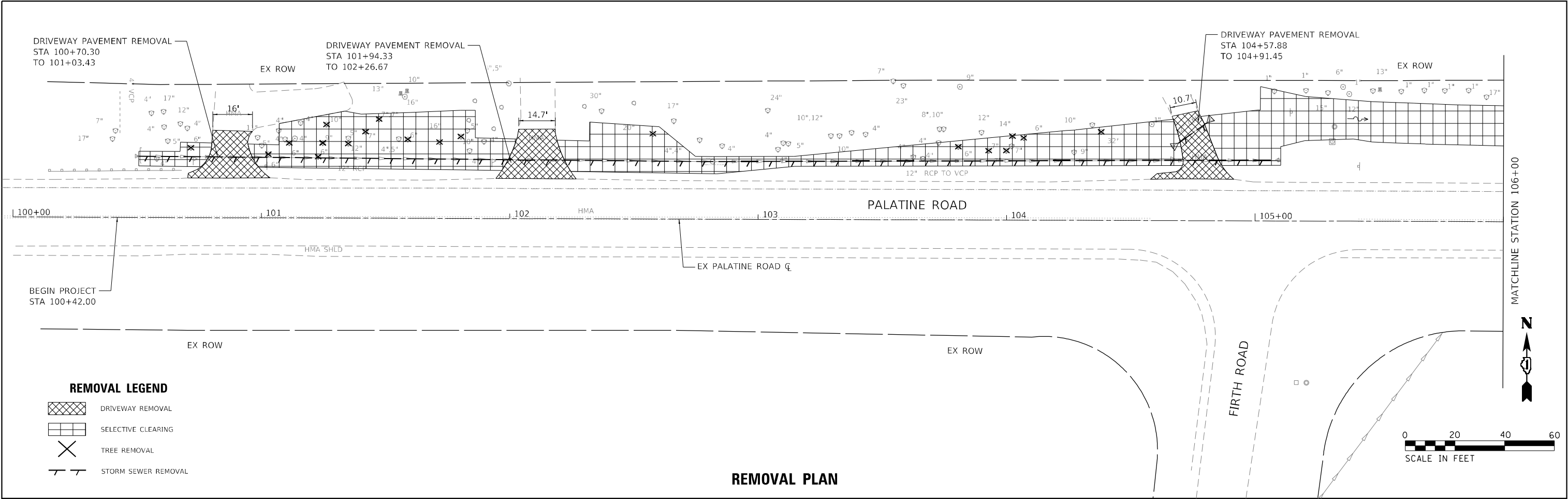


DRAINAGE LEGEND

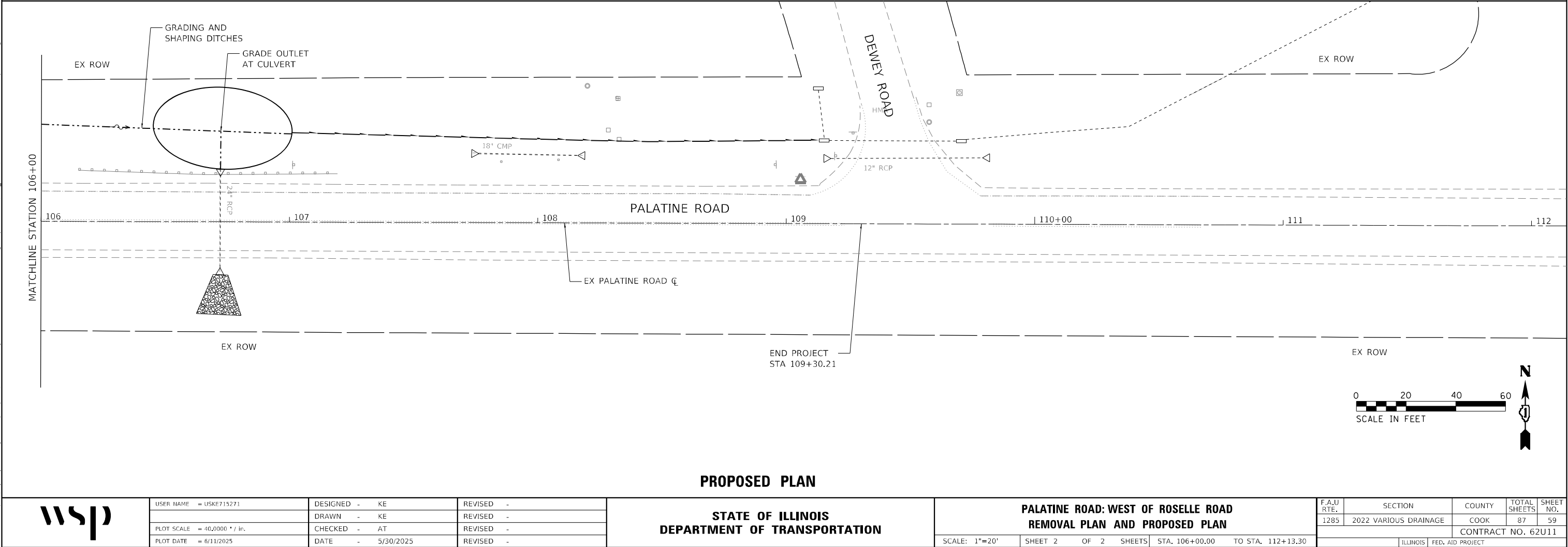
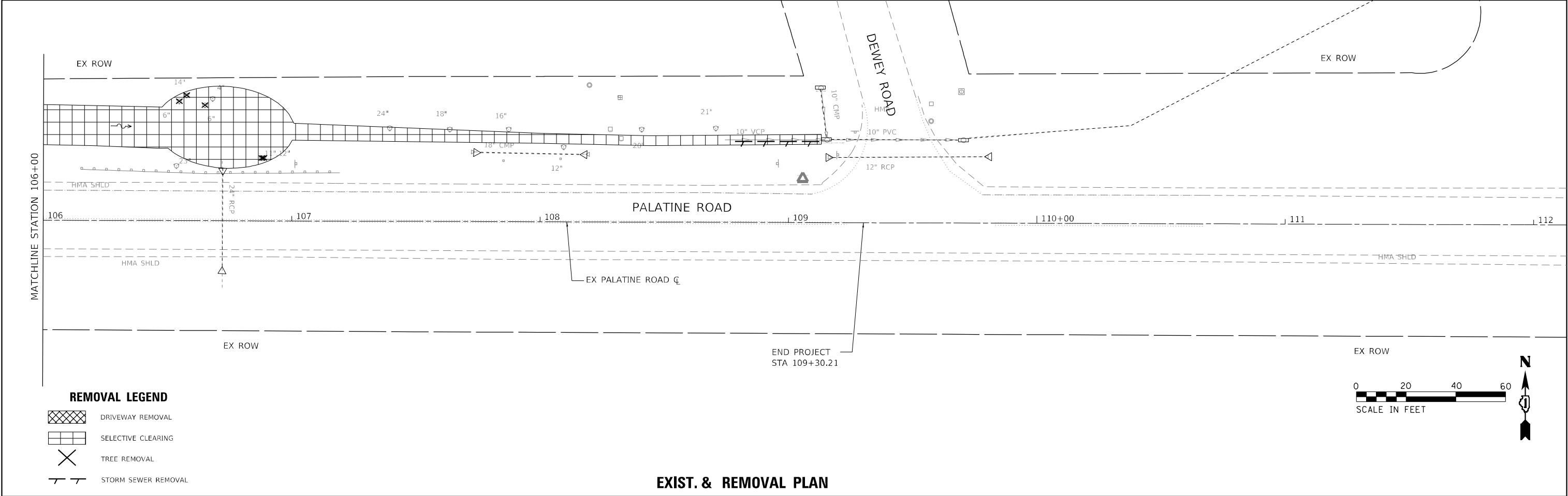
REFERENCE LINE/ CENTERLINE AND STATIONING	---	EXISTING END SECTION	◁
EXISTING RIGHT OF WAY LINE	---	PROPOSED CATCH BASIN	●
EXISTING STORM SEWER	—>—>—>—>—>	PROPOSED INLET	■
EXISTING COMBINED SEWER	—>—>—>—>—>	EXISTING DRAINAGE PIPE	DP X-EX
PROPOSED PIPE CULVERT	---	EXISTING DRAINAGE STRUCTURE	DS X-EX
PROPOSED STORM SEWER	—>—>—>—>—>	PROPOSED DRAINAGE STRUCTURE	DS XXXX
PIPE UNDERDRAIN	—>—>—>—>—>	PROPOSED DRAINAGE PIPE	DP XXXX
UTILITY/DRAINAGE TO BE REMOVED	---	PROPOSED END SECTION	▷
REMOVE ITEMS	[R]	OUTLET	➔
ADJUST ITEMS	[ADJ]	FILL AND ABANDON ITEMS	[F]



AEG ATLAS ENGINEERING GROUP, LTD.	USER NAME = nappel	DESIGNED - NKA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TAFT AVENUE AT ELM AVENUE PROPOSED DRAINAGE PLAN AND PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN - SS	REVISED -					VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	57
	PLOT DATE = 5/30/2025	CHECKED - BA	REVISED -		CONTRACT NO. 62U11							
	DATE = 5/30/2025	DATE = 5/30/2025	REVISED -		SCALE: 1"=20'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



	USER NAME = USKE715271	DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PALATINE ROAD: WEST OF ROSELLE ROAD REMOVAL PLAN AND PROPOSED PLAN			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KE	REVISED -					1285	2022 VARIOUS DRAINAGE	COOK	87	58
	PLOT SCALE = 40,0000 ' / in.	CHECKED - AT	REVISED -					CONTRACT NO. 62U11				
	PLOT DATE = 6/11/2025	DATE - 5/30/2025	REVISED -					ILLINOIS FED. AID PROJECT				
			SCALE: 1"=20'	SHEET 1	OF 2	SHEETS	STA. 100+00.00	TO STA. 106+00.00				



	USER NAME = USKE715271		DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PALATINE ROAD: WEST OF ROSELLE ROAD REMOVAL PLAN AND PROPOSED PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.		CHECKED - AT	REVISED -					1285	2022 VARIOUS DRAINAGE	COOK	87	59
	PLOT DATE = 6/11/2025		DATE - 5/30/2025	REVISED -		SCALE: 1"=20'			SHEET 2 OF 2 SHEETS			TO STA. 106+00.00 TO STA. 112+13.30	
									ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U11	

[illegible]

DRAINAGE PIPE ID	TYPE OF PIPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)
PALATINE ROAD: WEST OF ROSELLE ROAD						
DP-1-EX	EXISTING 24" RCP CULVERT	DS-1-EX	DS-2-EX	24	37	0.84
DP-3-EX	EXISTING 18" CMP CULVERT	DS-3-EX	DS-4-EX	18	40	0.05
DP-5-EX	EXISTING 12" CMP STORM SEWER	DS-5-EX	DS-6-EX	UNK	20	3.30
DP-6-EX	EXISTING 12" PVC STORM SEWER	DS-6-EX	DS-8-EX	UNK	52	0.54
DP-7-EX	EXISTING 12" RCP CULVERT	DS-7-EX	DS-9-EX	UNK	61	0.32
DP-8-EX	EXISTING RCP CULVERT	DS-8-EX	6" UNDERDRAIN	UNK	610	0.95

28100105	STONE RIPRAP, CLASS A3			SQ YD
STATION	OFFSET	STATION	OFFSET	QUANTITY
PALATINE ROAD: WEST OF ROSELLE ROAD				
106+63	37 RT	106+81	38 RT	21
TOTAL :				21

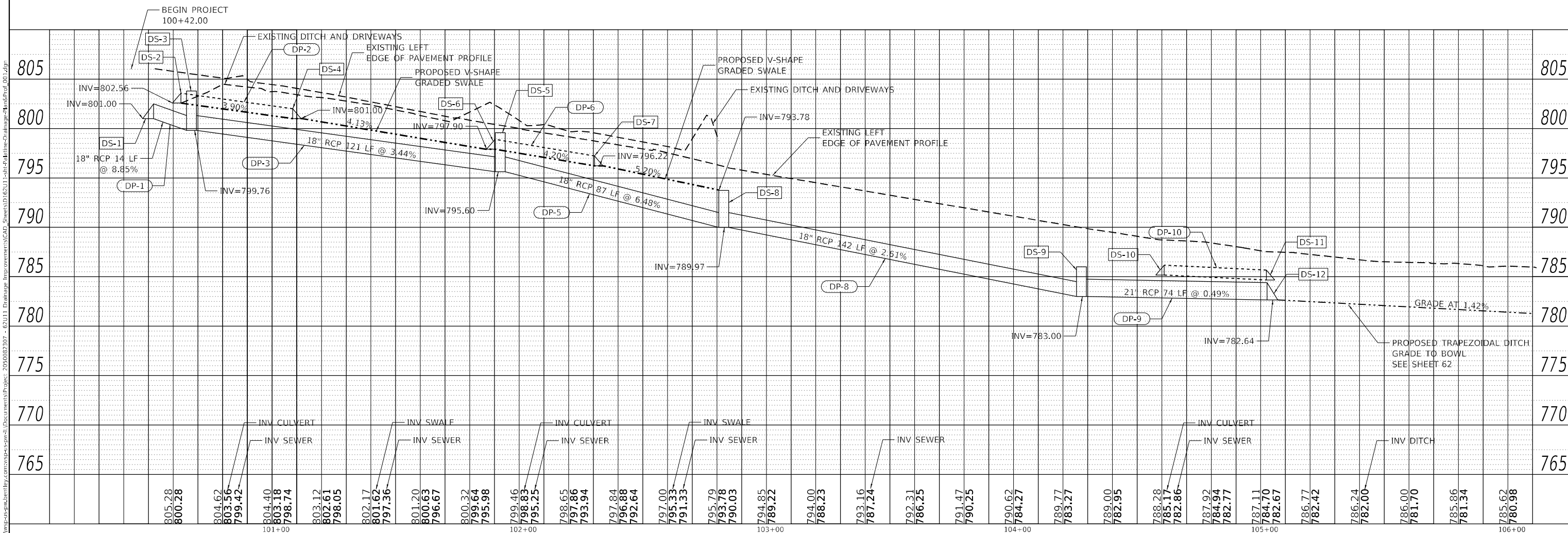
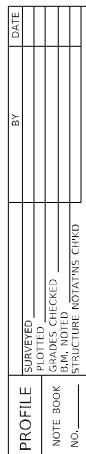
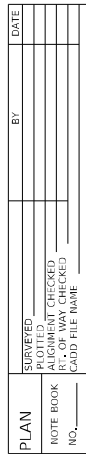
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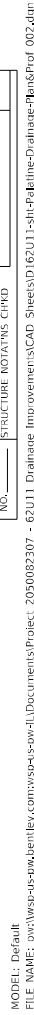
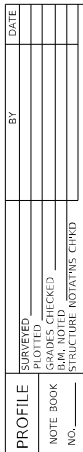
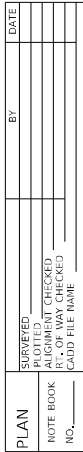
DRAINAGE PIPE ID	PAY ITEM NO.	TYPE OF PIPE	TYPE	FROM STRUCTURE	TO STRUCTURE	DIA. (IN)	LENGTH (FT)	SLOPE (%)	
PALATINE ROAD: WEST OF ROSELLE ROAD									
DP-1	550A0380	STORM SEWERS, CLASS A, TYPE 2	18"	RCP	DS-1	DS-3	18	14	8.85
DP-2	542A0217	PIPE CULVERTS, CLASS A, TYPE 1	12"		DS-2	DS-4	12	40	3.90
DP-3	550A0380	STORM SEWERS, CLASS A, TYPE 2	18"	RCP	DS-3	DS-5	18	121	3.44
DP-5	550A0380	STORM SEWERS, CLASS A, TYPE 2	18"	RCP	DS-5	DS-8	18	87	6.48
DP-6	542A0217	PIPE CULVERTS, CLASS A, TYPE 1	12"		DS-6	DS-7	12	40	4.20
DP-8	550A0380	STORM SEWERS, CLASS A, TYPE 2	18"	RCP	DS-8	DS-9	18	142	2.61
DP-9	550A0400	STORM SEWERS, CLASS A, TYPE 2	21"	RCP	DS-9	DS-12	21	74	0.49
DP-10	542A0217	PIPE CULVERTS, CLASS A, TYPE 1	12"		DS-10	DS-11	12	42	1.20

50105220	PIPE CULVERT REMOVAL			FOOT
STATION	OFFSET	STATION	OFFSET	QUANTITY
PALATINE ROAD: WEST OF ROSELLE ROAD				
104+69	31 LT	104+80	39 LT	15

60500050	REMOVING CATCH BASINS		EACH
STRUCTURE ID	STATION	OFFSET	QUANTITY
PALATINE ROAD: WEST OF ROSELLE ROAD			
N/A	102+81	18 RT	1

Z0029604	HEADWALL REMOVAL	EACH
STATION	OFFSET	QUANTITY
PALATINE ROAD: WEST OF ROSELLE ROAD		
100+49	20 LT	1
104+67	28 LT	1
104+82	39 LT	1
105+10	22 LT	1
TOTAL :		4





 ATLAS ENGINEERING GROUP, LTD.	USER NAME = nappell	DESIGNED - NKA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PALATINE ROAD: WEST OF ROSELLE ROAD PROPOSED DRAINAGE PLAN AND PROFILE					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SS	REVISED -							VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	62
	PLOT SCALE = 40,000' / in.	CHECKED - BA	REVISED -		SCALE: 1"=20'					SHEET OF SHEETS STA. TO STA.				
	PLOT DATE = 5/30/2025	DATE - 5/30/2025	REVISED -							ILLINOIS FED. AID PROJECT CONTRACT NO. 62U11				

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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED AREAS CHECKED	DATE	
		BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED AREAS CHECKED	DATE	
		BY	DATE



USER NAME	= USTC714594
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 5/30/2025

DESIGNED	- KE
DRAWN	- KE
CHECKED	- AT
DATE	- 5/30/2025

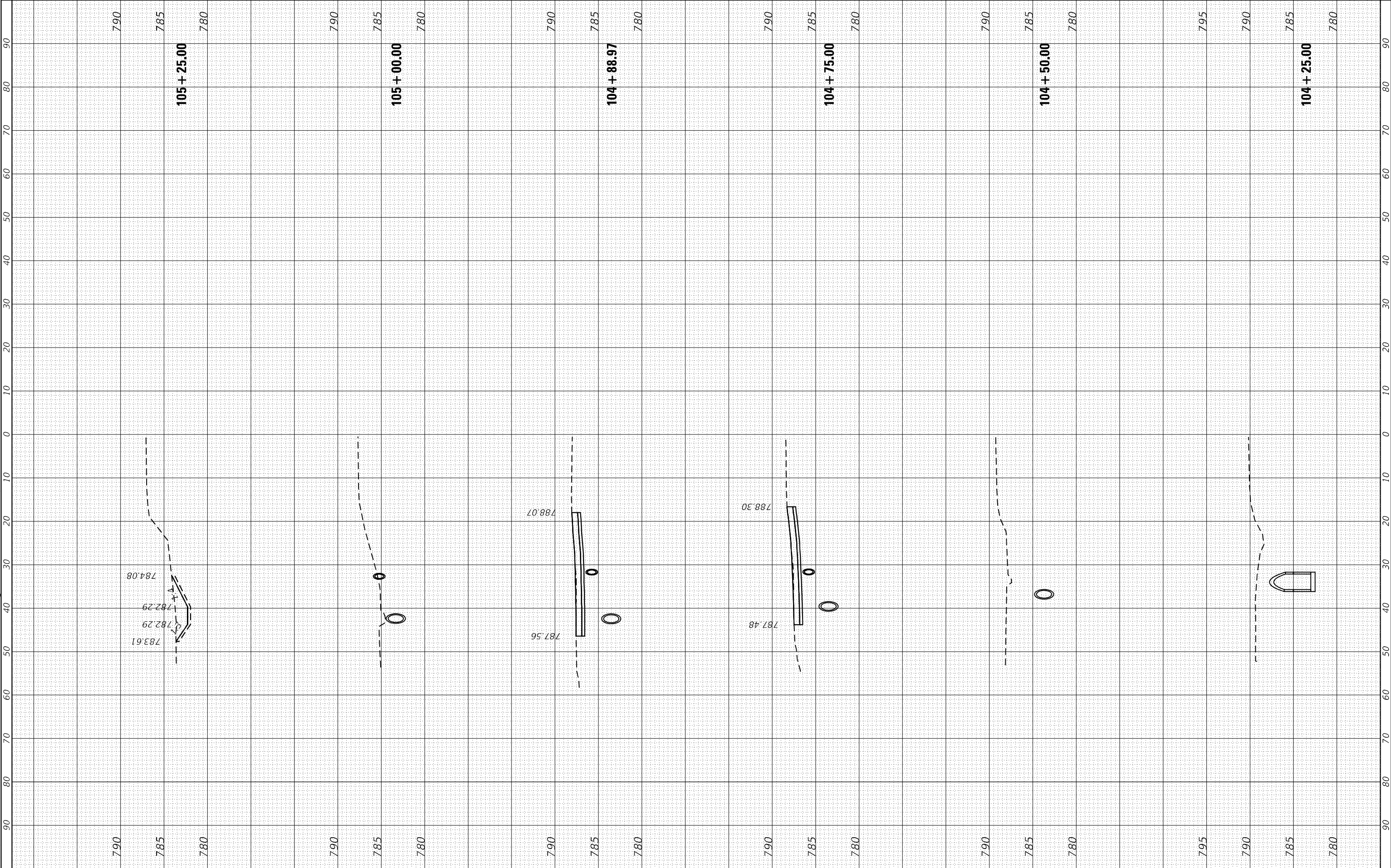
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

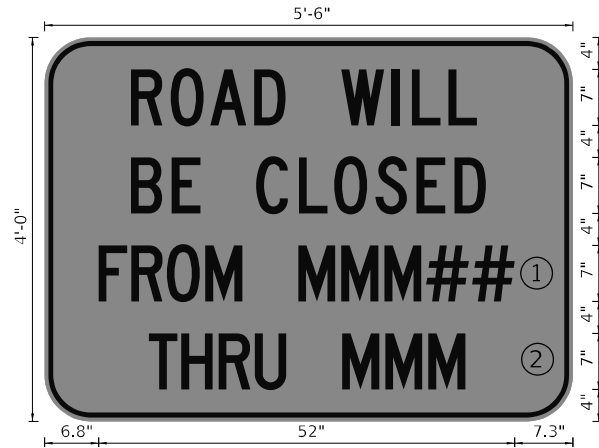
PALATINE ROAD: WEST OF ROSELLE ROAD
CROSS SECTIONS

SCALE:	H: 1"=10' V: 1"=5'	SHEET 4	OF 7	SHEETS	STA. 104+25.00	TO STA. 105+25.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1285	2022 VARIOUS DRAINAGE	COOK	87	68
CONTRACT NO. 62U11				
ILLINOIS FED. AID PROJECT				



BORDER
R=5.3"
TH=0.63"
IN=0.47"



Panel Style: construction_guide.ssi
M.U.T.C.D.: 2009 Edition

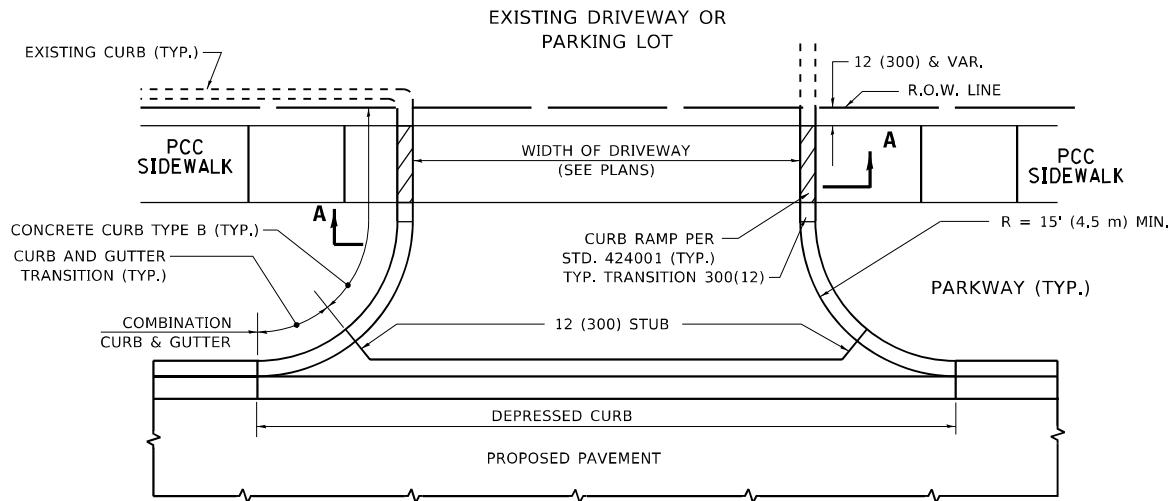
Panel Style: construction_guide.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	ROAD CLOSED
WIDTH x HGHT.	5'-6" x 4'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	5.3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Orange
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

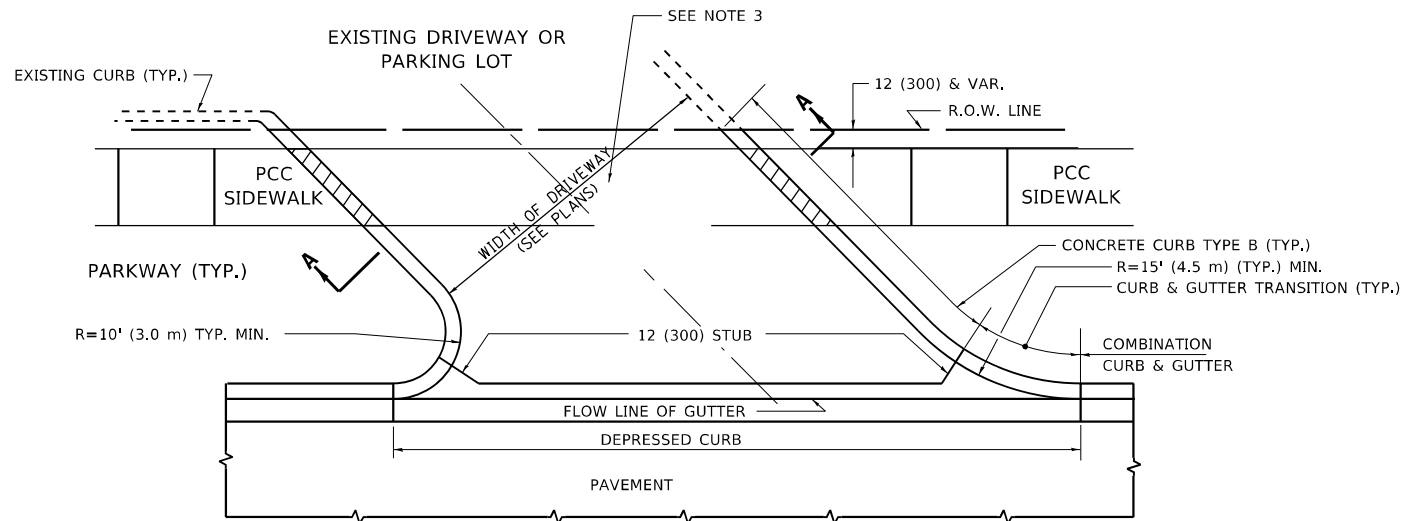
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NOTES:

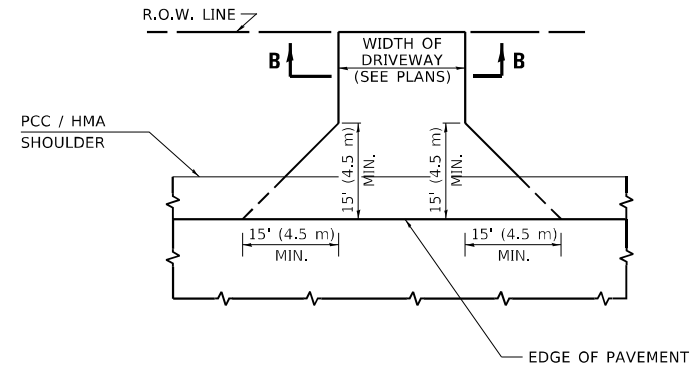
1. OVERLAY PANEL (1) TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION. (I.E. "FROM APRIL 2").
2. OVERLAY PANEL (2) TO CONTAIN ENDING MONTH OF FULL CLOSURE & DETOUR (I.E. "THRU JULY"). OMIT THE DATE ON PANEL (2); MONTH ONLY.
3. ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS (1) AND (2) IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AFTER CLOSURE.
4. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.



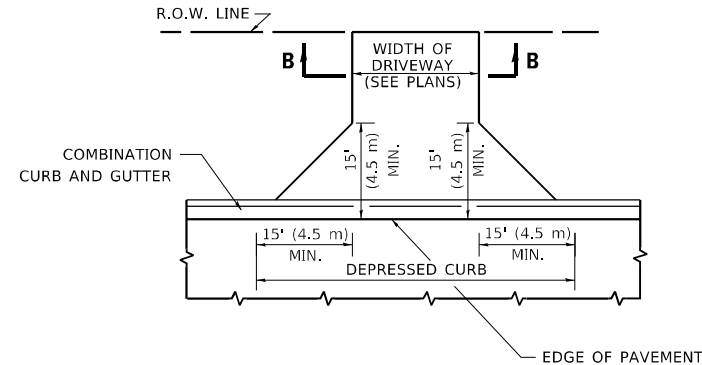
WITH CONCRETE CURB, TYPE B



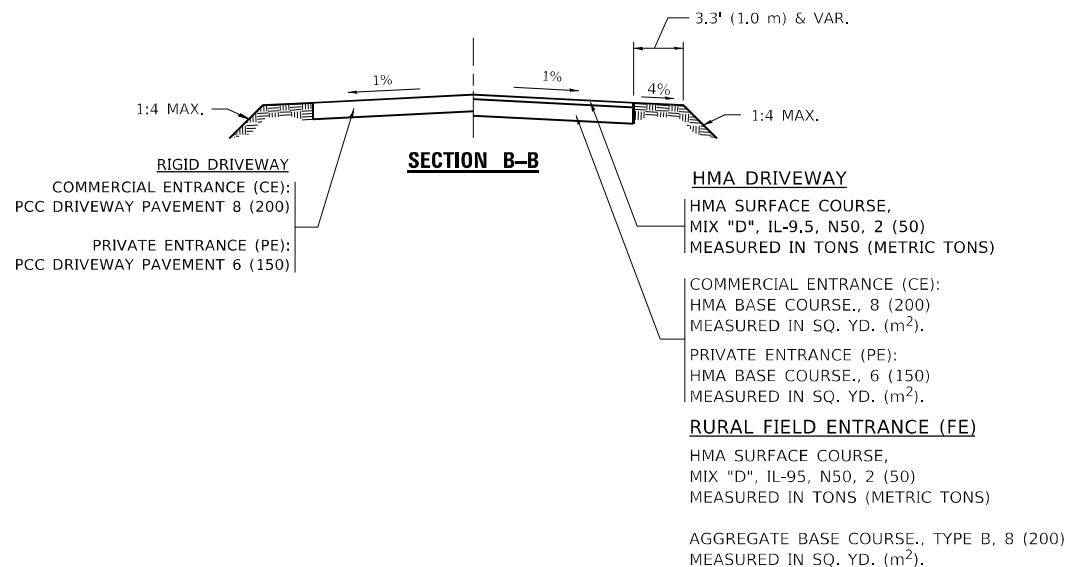
WITH CONCRETE CURB, TYPE B



ADJACENT TO PCC /HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

RIGID DRIVEWAY

COMMERCIAL ENTRANCE (CE):
PCC DRIVEWAY PAVEMENT 8 (200)
MEASURED IN SQ. YD. (m²)

PRIVATE ENTRANCE (PE):
PCC DRIVEWAY PAVEMENT 6 (150)
MEASURED IN SQ. YD. (m²)

SECTION A-A

HMA DRIVEWAY

HMA SURFACE COURSE,
MIX "D", IL-9.5, N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

COMMERCIAL ENTRANCE (CE):
HMA BASE COURSE, 8 (200)
MEASURED IN SQ. YD. (m²).

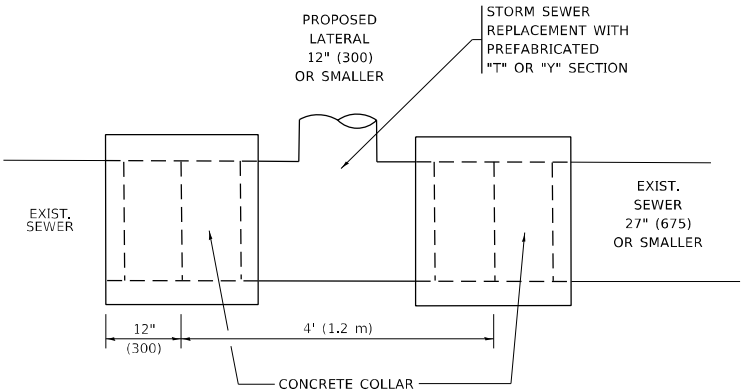
PRIVATE ENTRANCE (PE):
HMA BASE COURSE, 6 (150)
MEASURED IN SQ. YD. (m²).

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)**

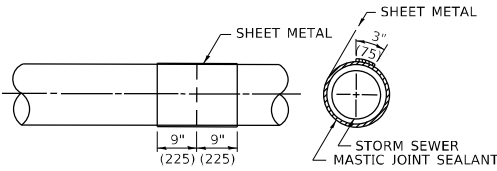
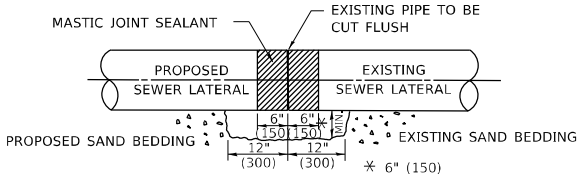
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	73
BD400-01 (BD-01)		CONTRACT NO. 62U11		
ILLINOIS		FED. AID PROJECT		



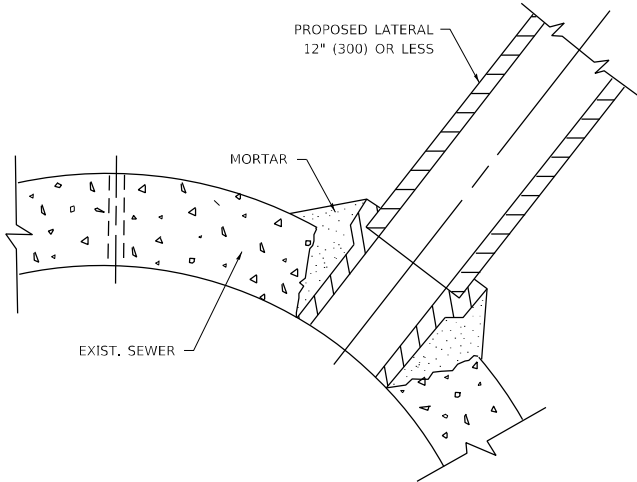
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

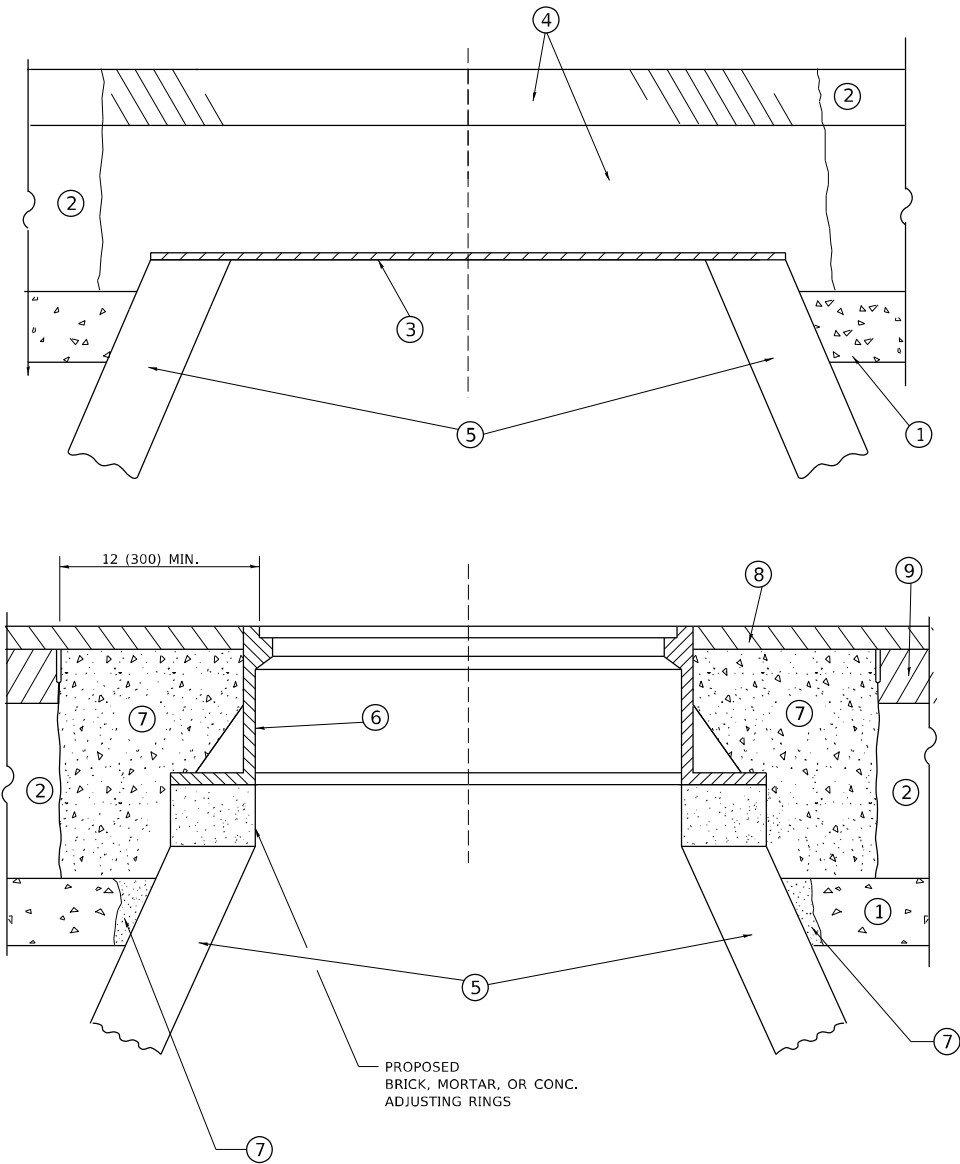
BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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	USER NAME = Lawrence,DeManche		DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED - R. SHAH 10-25-94					VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	74
	PLOT SCALE = 100,0000 ' / in.		CHECKED -	REVISED - R. SHAH 06-12-96					BD500-01 (BD-07)				
	PLOT DATE = 11/18/2022		DATE - 07-25-90	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



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

NOTES

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

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).
- STAGE 2 (AFTER PAVEMENT MILLING)**
- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

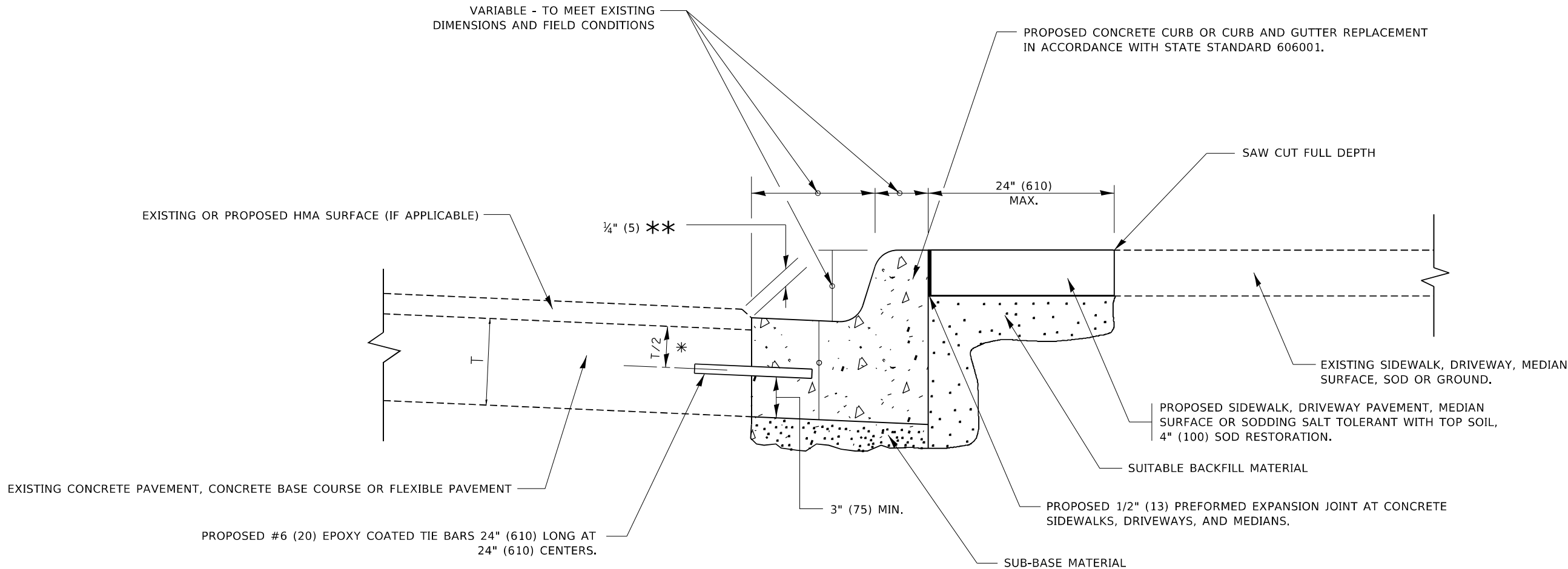
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 VARIOUS DRAINAGE	VARIOUS	87	75
	BD600-03 (BD-08)	CONTRACT NO.	62U11	
	ILLINOIS	FED. AID PROJECT		

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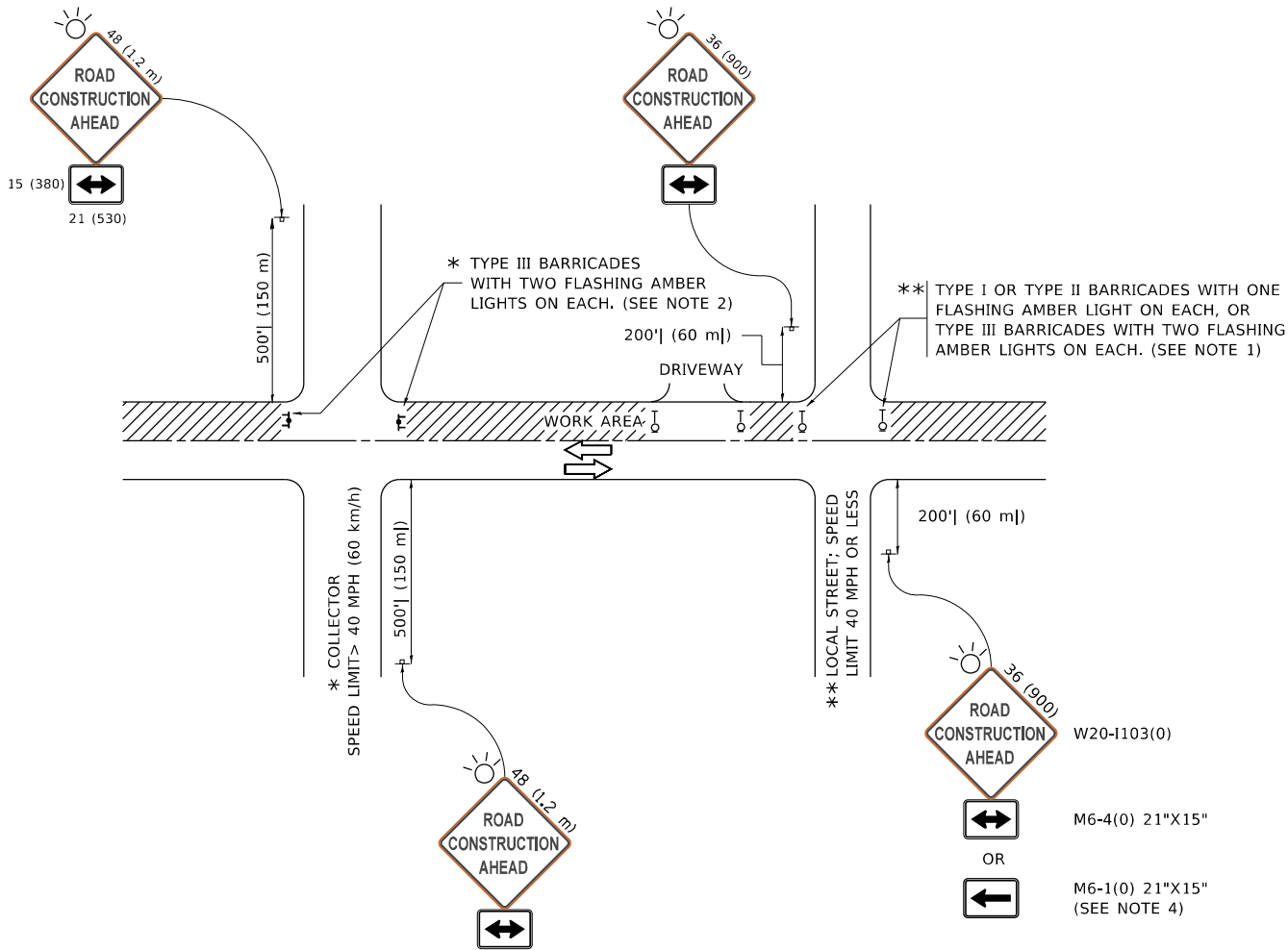
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

	USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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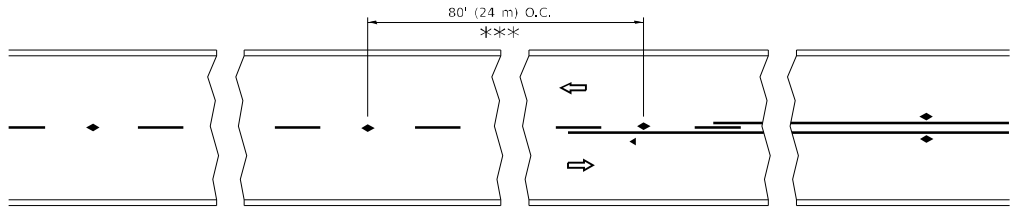


NOTES:

- 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.

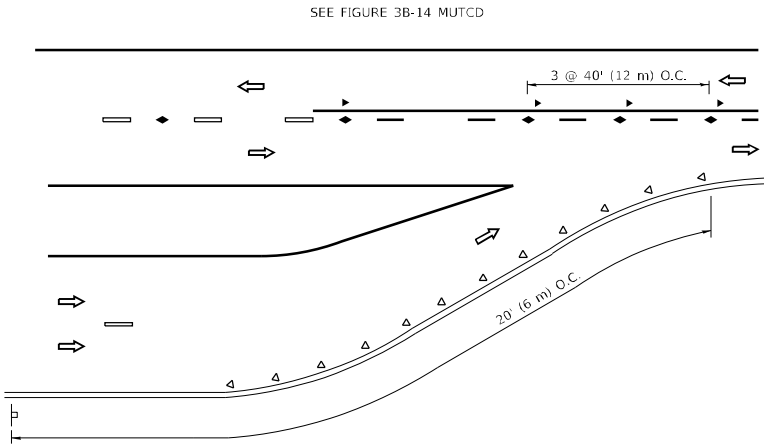
All dimensions are in inches (millimeters)
unless otherwise shown.

	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 01-06-00						VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	77
	PLOT SCALE = 50,0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13						TC-10		CONTRACT NO. 62U11		
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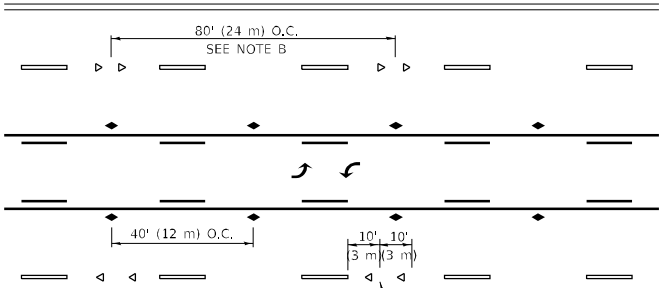


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

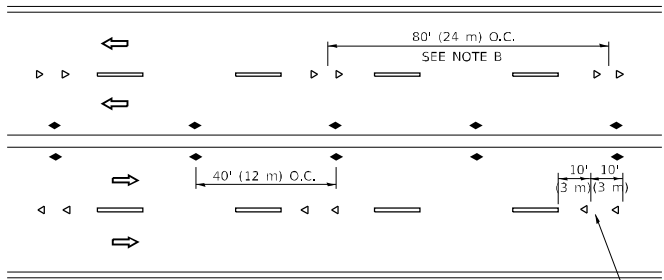
TWO-LANE/TWO-WAY



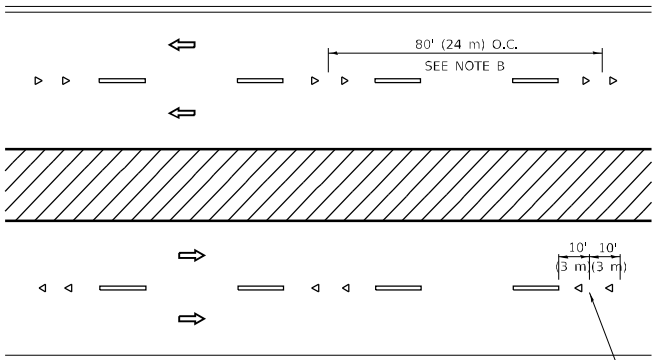
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

LANE MARKER NOTES

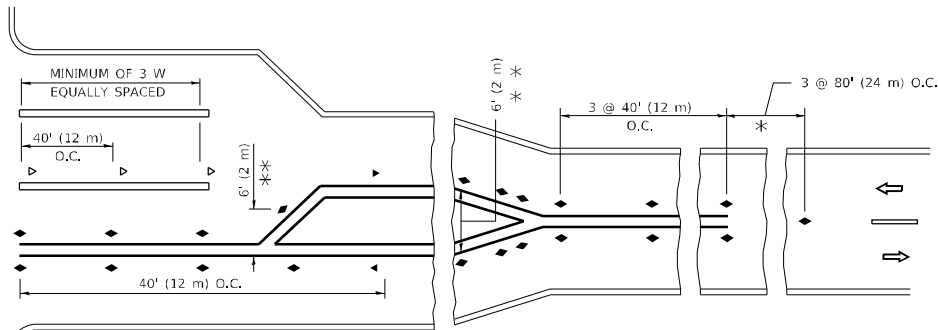
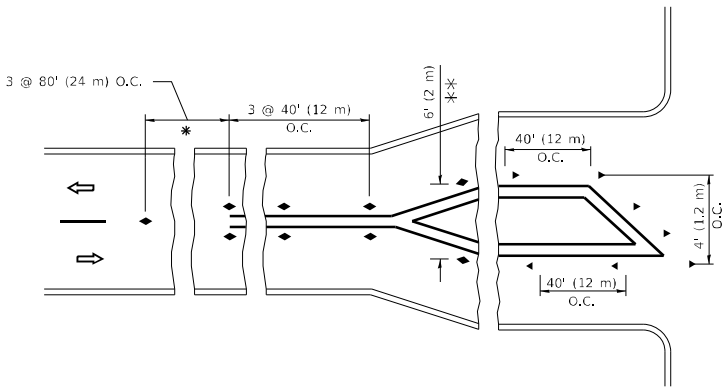
- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

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

DESIGN NOTES

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



TURN LANES

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

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

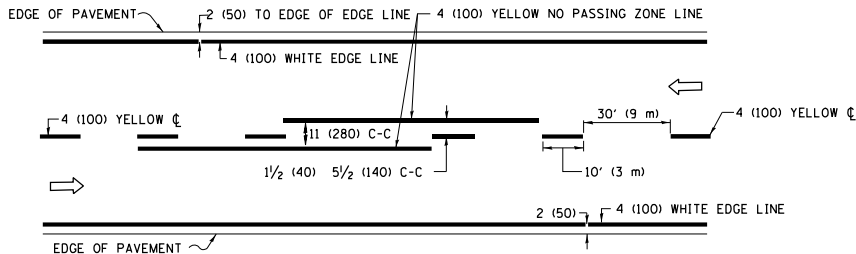
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

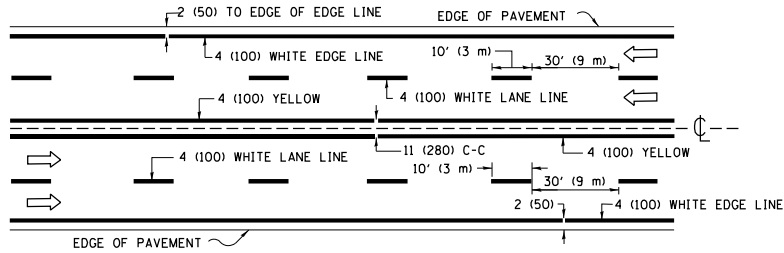
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	78
TC-11		CONTRACT NO. 62U11		
		ILLINOIS	FED. AID PROJECT	

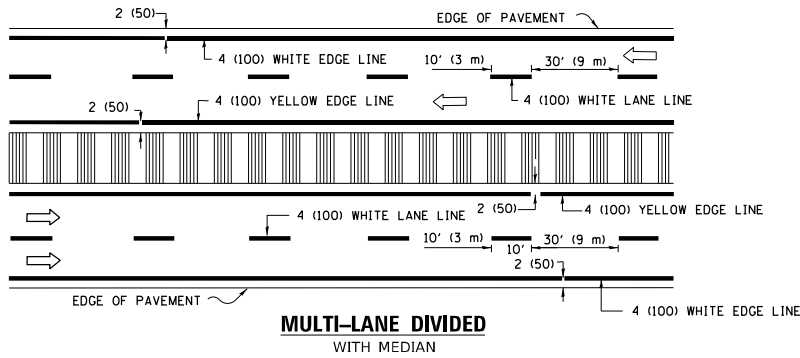
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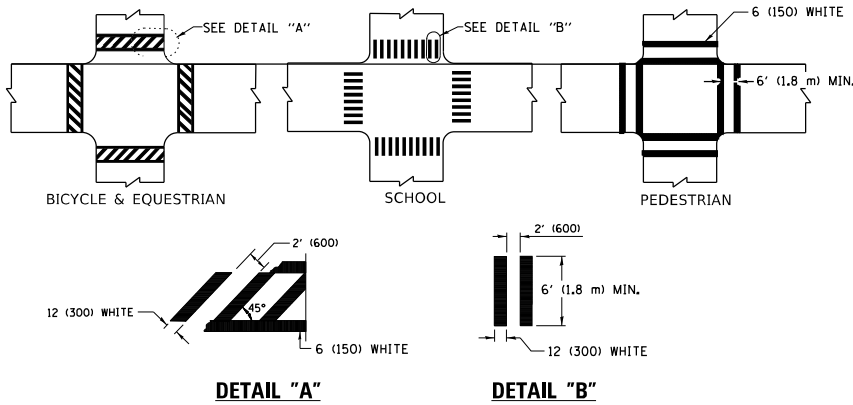
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

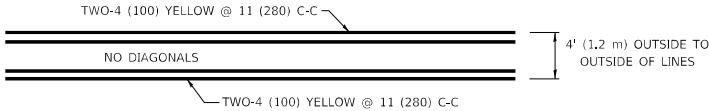


TYPICAL LANE AND EDGE LINE MARKING

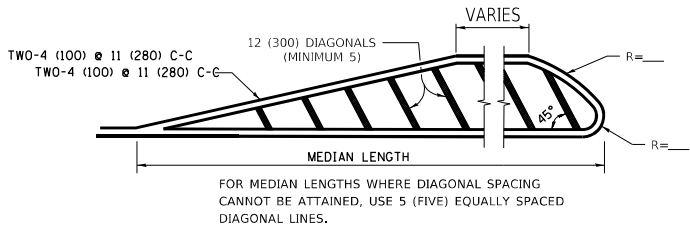


TYPICAL CROSSWALK MARKING

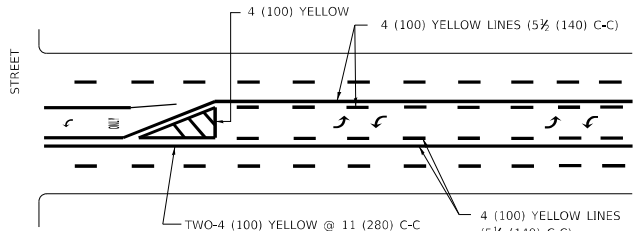
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

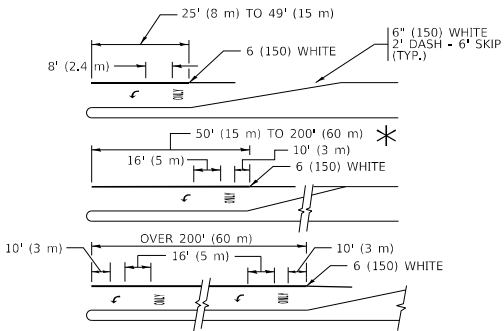


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

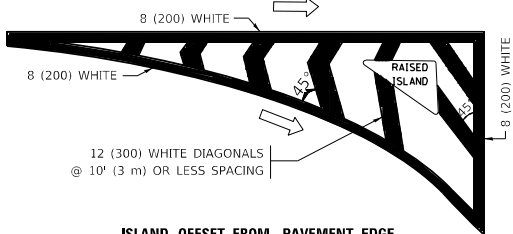
TYPICAL PAINTED MEDIAN MARKING



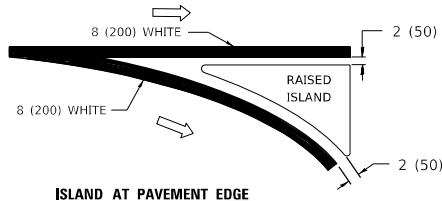
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

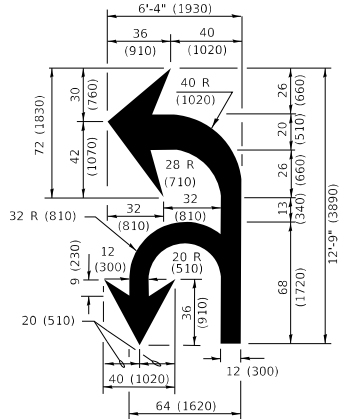


ISLAND OFFSET FROM PAVEMENT EDGE

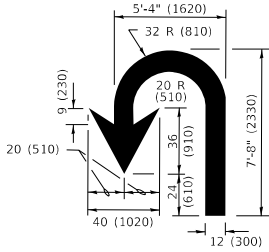


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGTUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

USER NAME = footem]	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50,0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	79
TC-13		CONTRACT NO. 62U11		
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

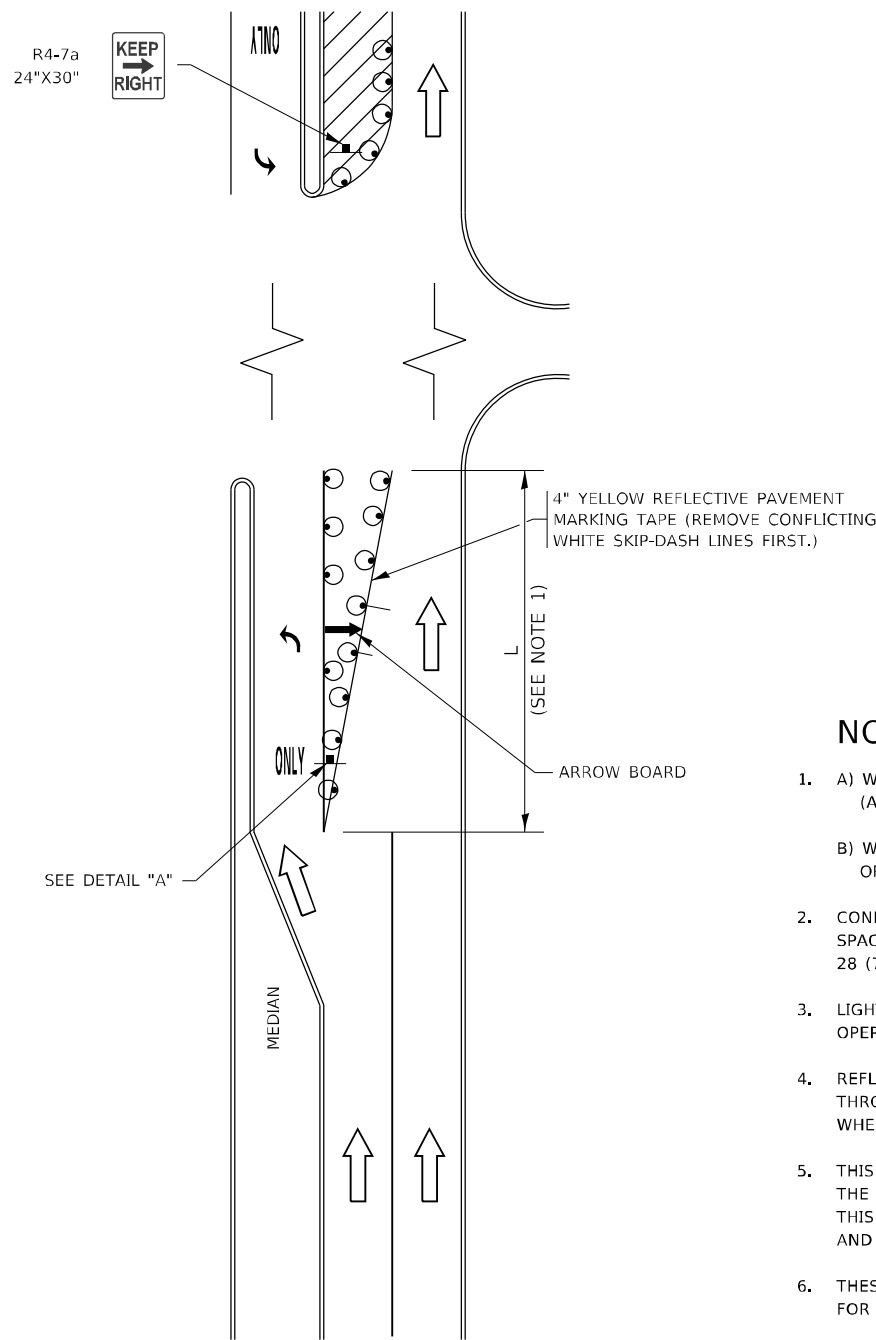
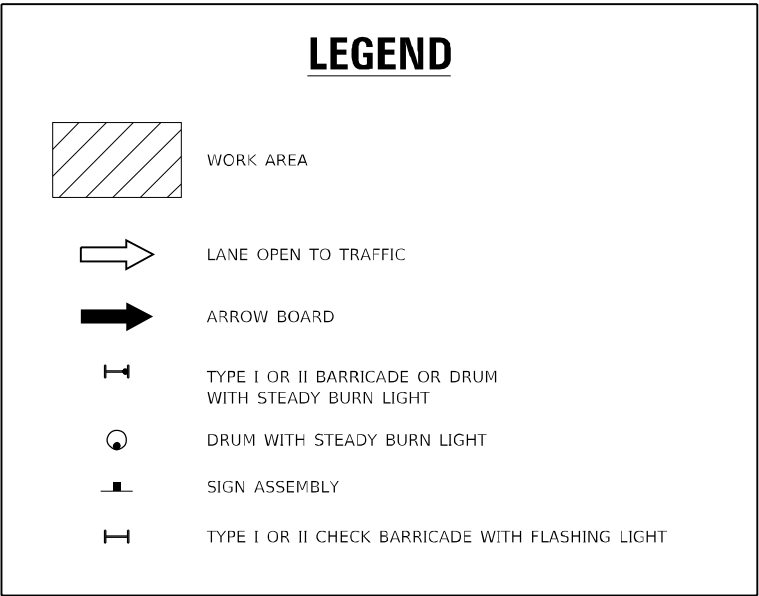


FIGURE 1

LEGEND



NOTES:

- 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.
- 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.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 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.
- 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.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- 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.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

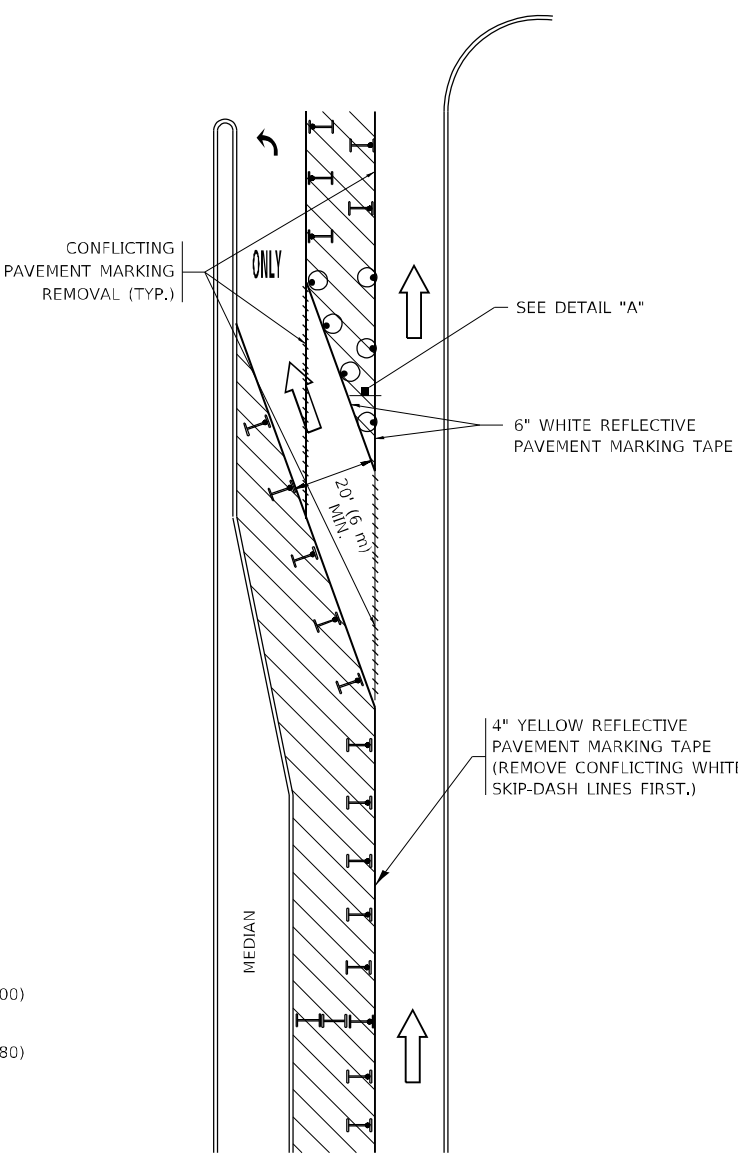
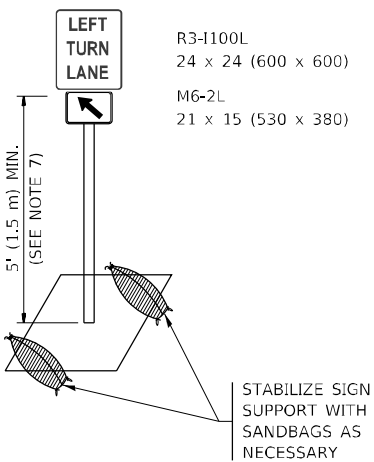


FIGURE 2



DETAIL A

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

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Project: 62211-TC-14.dgn
User: T. RAMMACH
Date: 01-06-00

USER NAME	= footemj
DESIGNED	- T. RAMMACH 09-08-94
DRAWN	- A. HOUSEH 11-07-95
CHECKED	- A. HOUSEH 10-12-96
PLOT DATE	= 3/4/2019

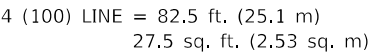
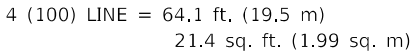
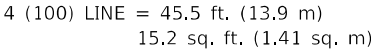
REVISED	- R. BORO 09-14-09
REVISED	- A. SCHUETZE 07-01-13
REVISED	- A. SCHUETZE 09-15-16
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

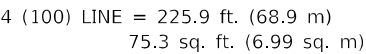
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	80
TC-14		CONTRACT NO. 62U11		
		ILLINOIS FED. AID PROJECT		



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.



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	81
TC-16		CONTRACT NO. 62U11		
ILLINOIS		FED. AID PROJECT		

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FOR U.S. ROUTES
M1-40-2424



FOR ILLINOIS ROUTES
M1-50-2424

MAIN STREET

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

NORTH

M3-1-2412

EAST

M3-2-2412

SOUTH

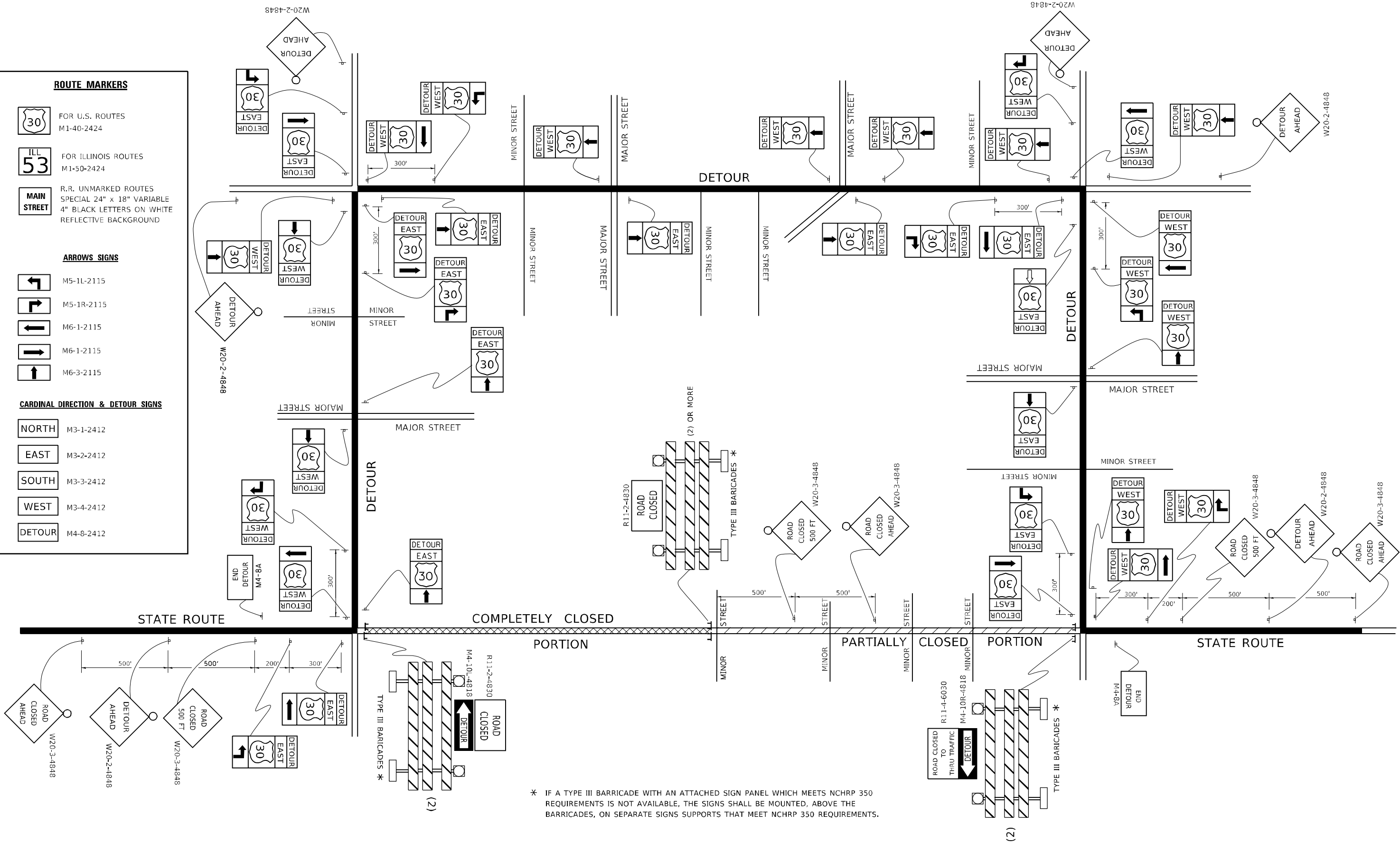
M3-3-2412

WEST

M3-4-2412

DETOUR

M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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	DRAWN -	REVISED - R. BORO 09-14-09
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PLOT DATE = 3/4/2019	DATE -	REVISED -

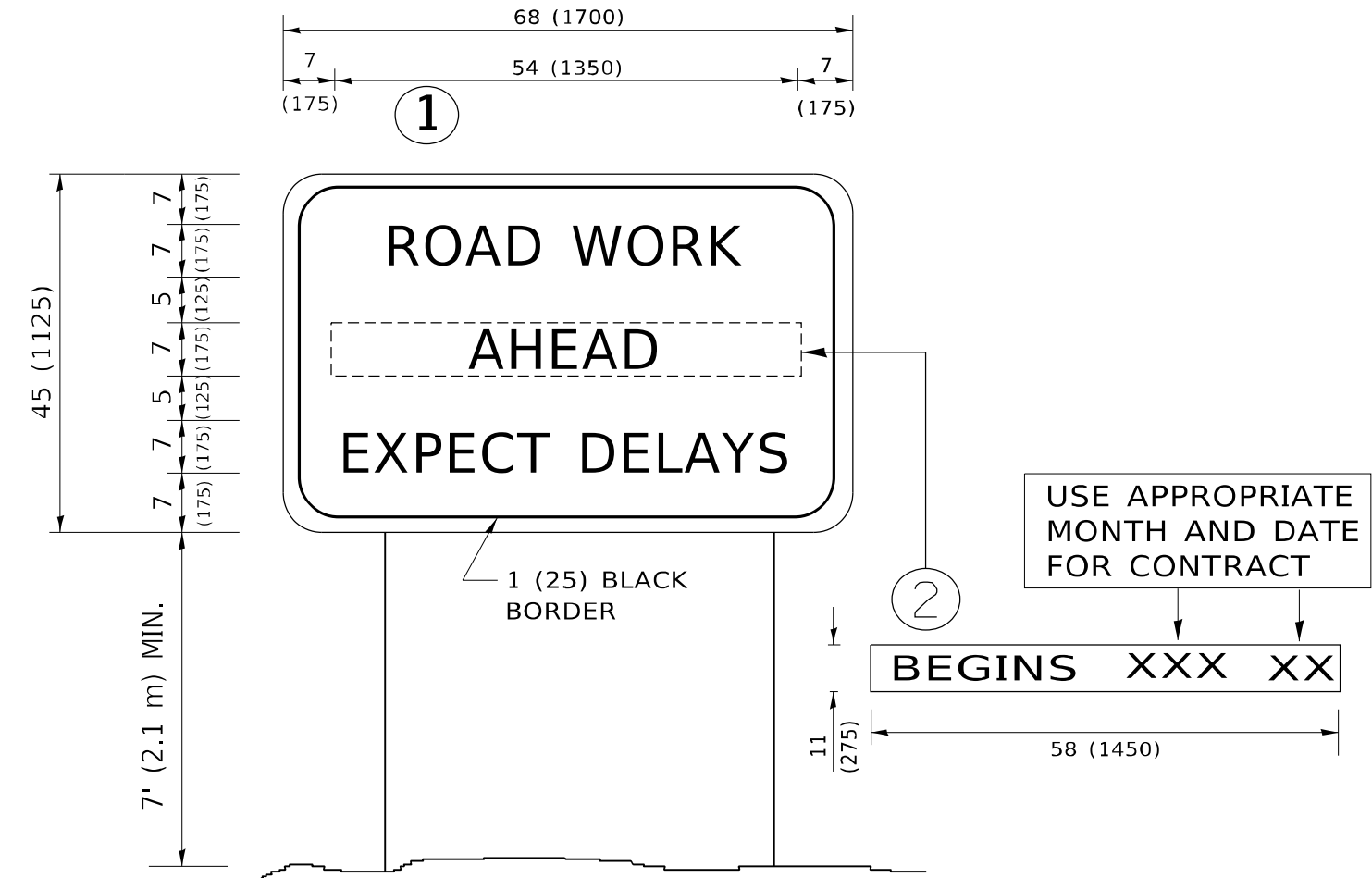
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	82
TC-21		CONTRACT NO. 62U11		
ILLINOIS		FED. AID PROJECT		

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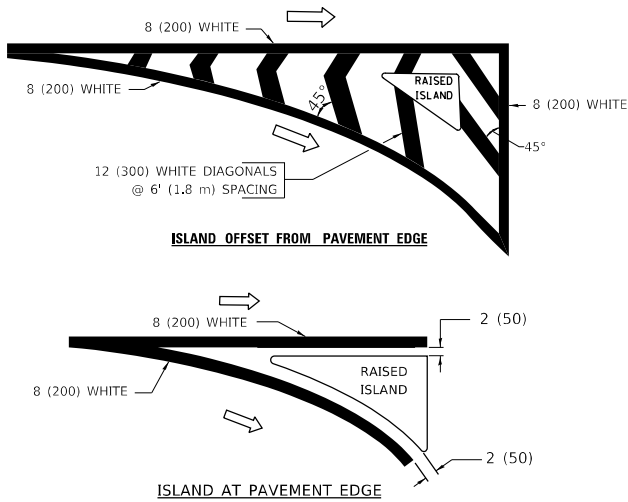
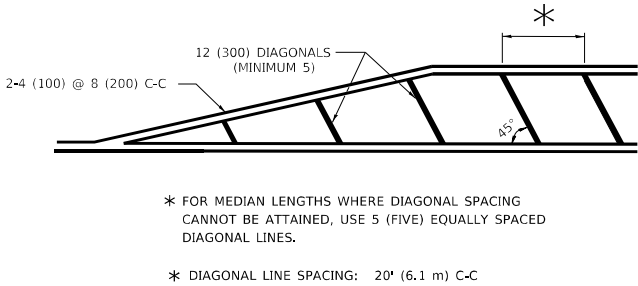
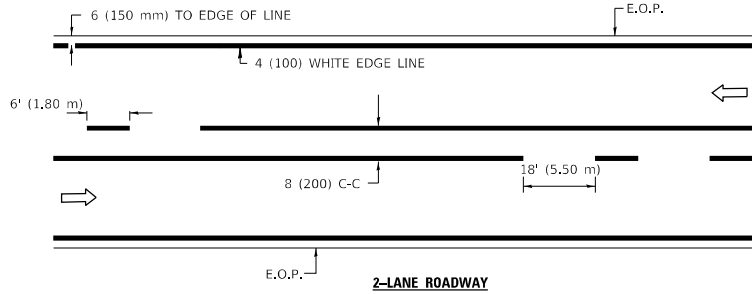


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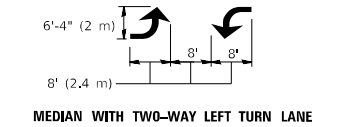
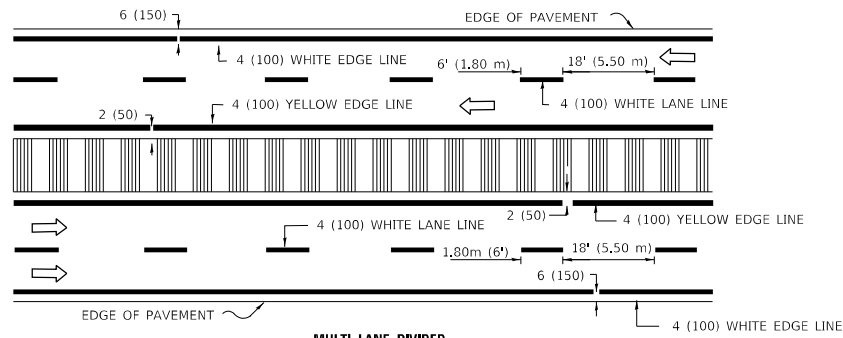
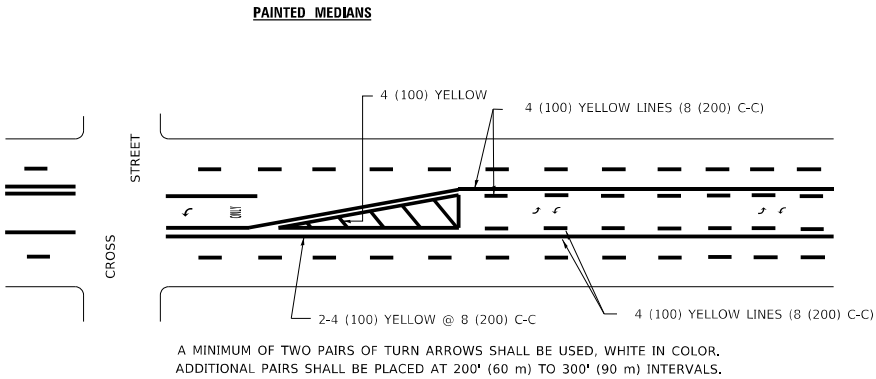
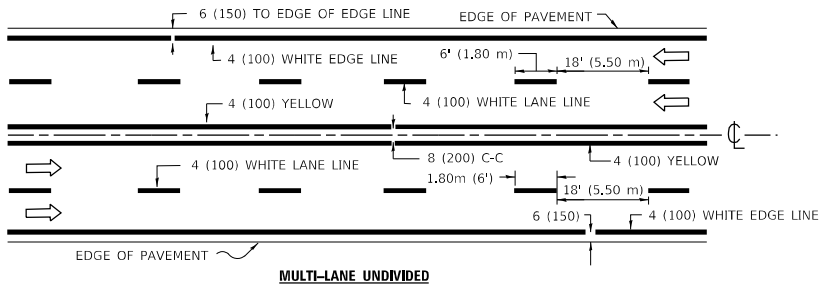
- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
- 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.

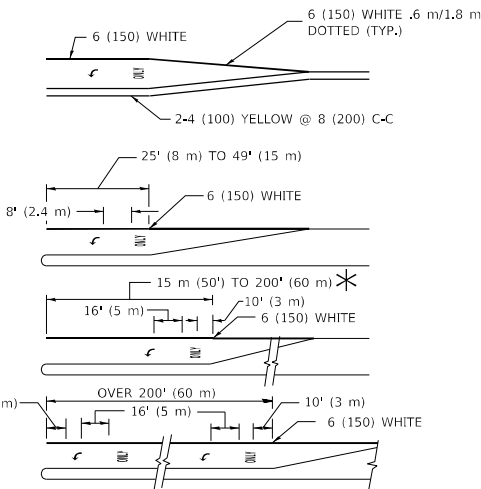
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	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.				



TYPICAL ISLAND MARKING



TYPICAL PAINTED MEDIAN MARKING

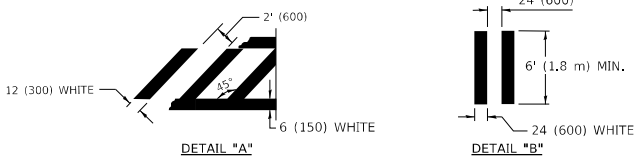
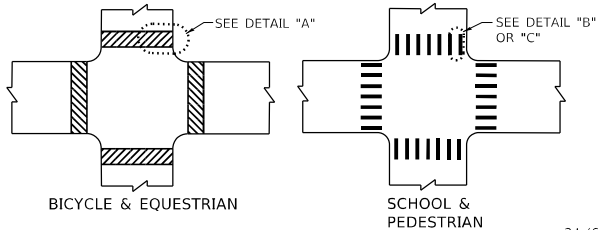


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL CROSSWALK MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK. IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)

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

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

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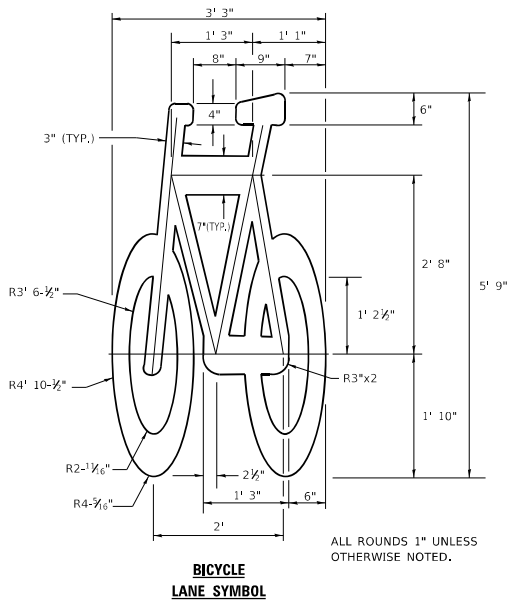
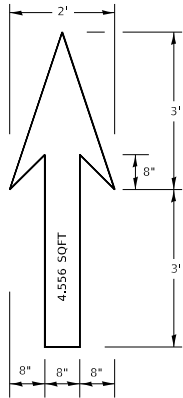
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PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

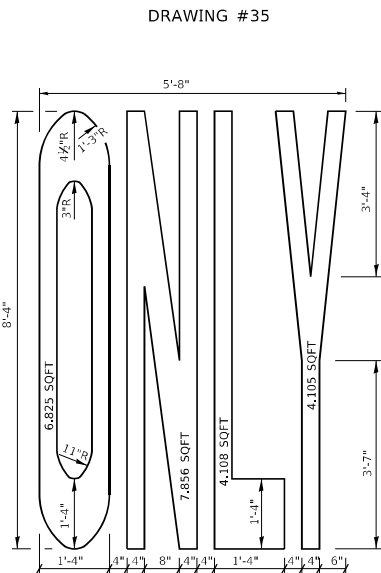
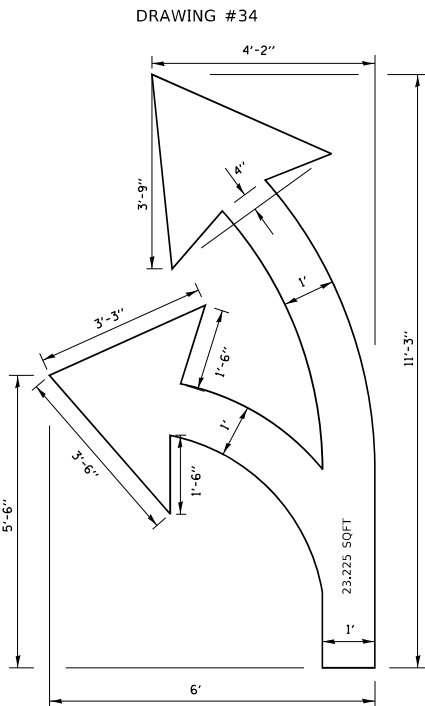
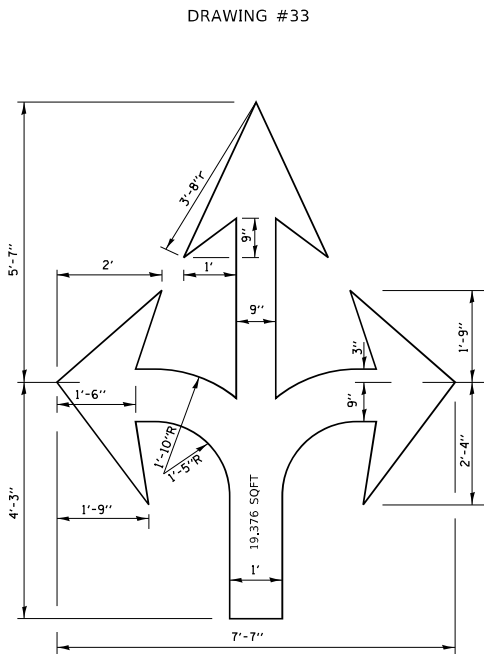
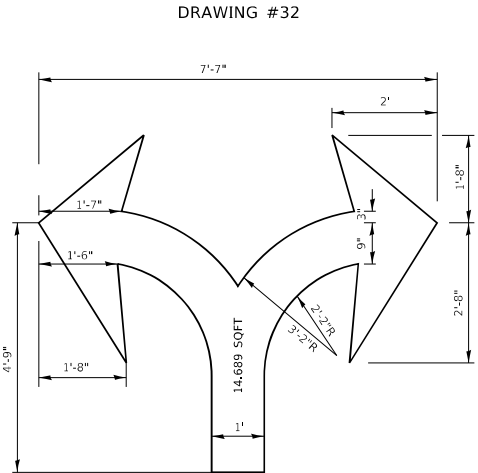
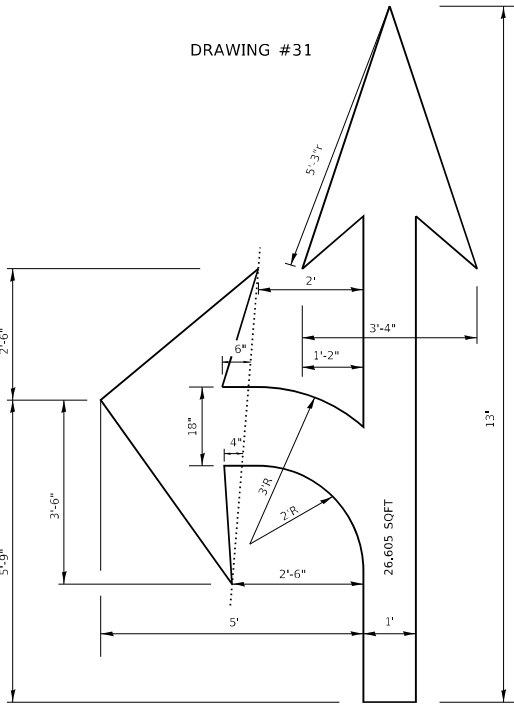
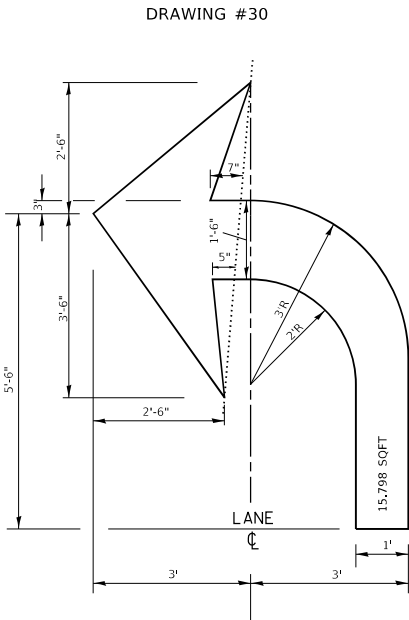
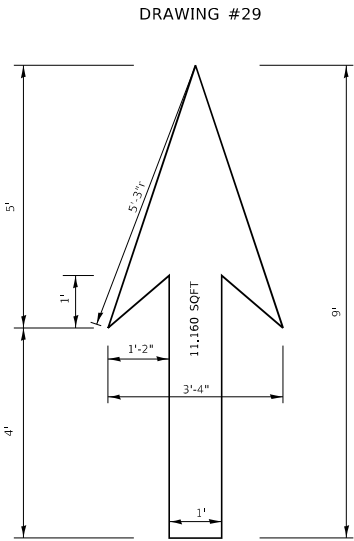
SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	84
TC-24		CONTRACT NO. 62U11		
		ILLINOIS	FED. AID PROJECT	



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

TYPICAL BIKE LANE SYMBOLS
DRAWING #28



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

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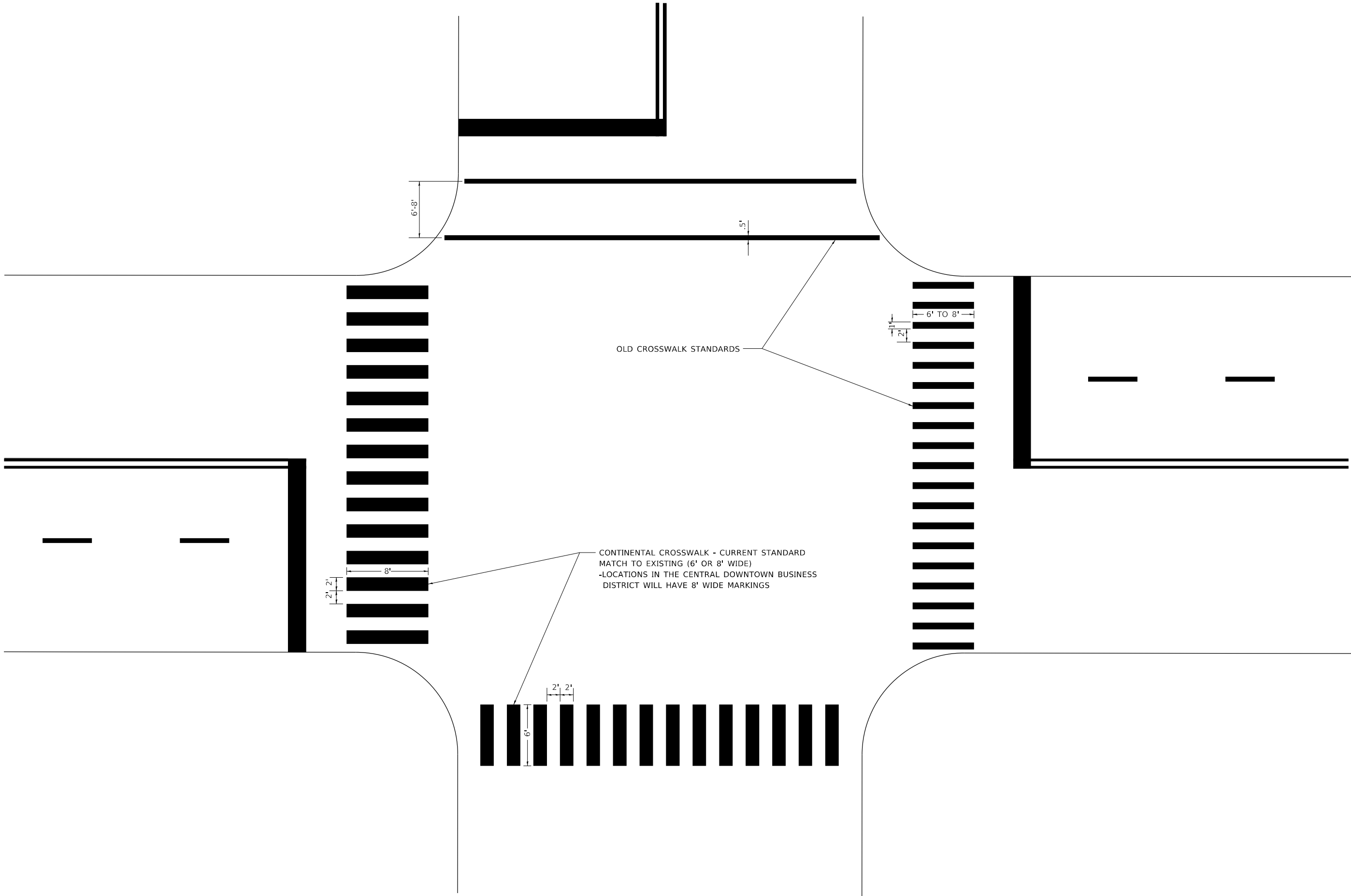
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PLOT SCALE = 50,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	85
TC-24		CONTRACT NO. 62U11		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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USER NAME = footem]	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2022 VARIOUS DRAINAGE	VARIOUS	87	86
TC-24		CONTRACT NO. 62U11		
		ILLINOIS	FED. AID PROJECT	

