04-26-2019 LETTING ITEM 136

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	1
	ILLINOIS	CONTRACT NO. 61F52		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1485 (DIEHL ROAD)
DAVIS PARKWAY TO WINFIELD ROAD
CHANNELIZATION IMPROVEMENTS
SECTION: 16-00035-00-CH
PROJECT: 5E9H(411)
CITY OF WARRENVILLE
DUPAGE COUNTY
C-91-195-17

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ADT:

DIEHL ROAD = 31,464 (2018)

DESIGN SPEED:

DIEHL ROAD = 45 MPH

POSTED SPEED LIMIT:

DIEHL ROAD = 40 MPH

DESIGN DESIGNATION:

DIEHL ROAD = MINOR ARTERIAL

LOCATION OF SECTION INDICATED THUS:- ▬

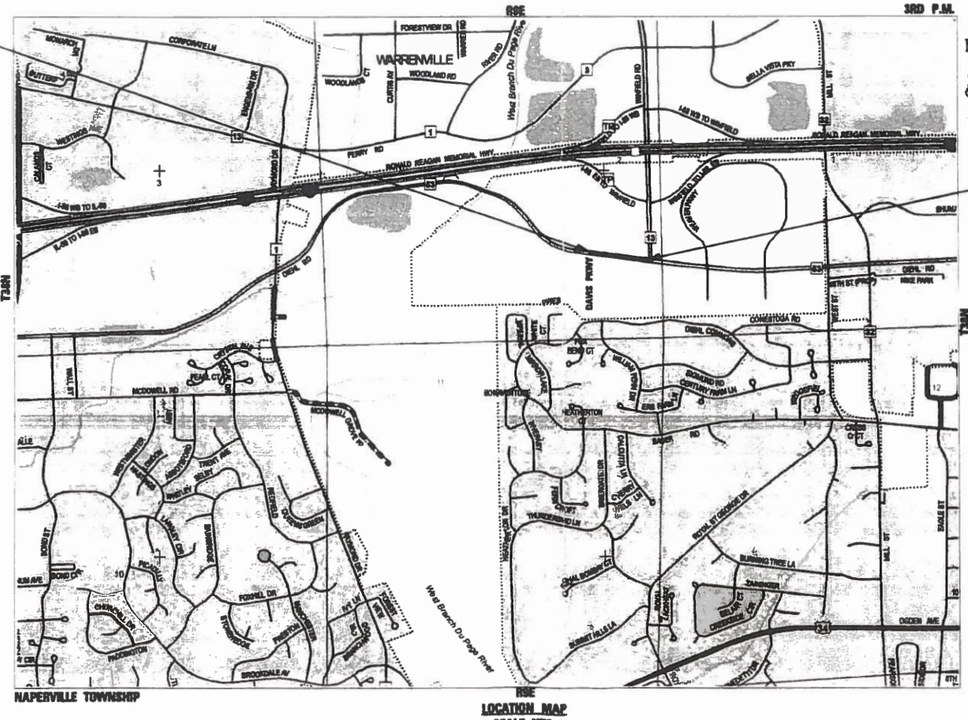
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

PROJECT LOCATED IN CITY OF WARRENVILLE

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

PROJECT BEGINS-DIEHL ROAD STA 103+57.10

PROJECT ENDS-DIEHL ROAD STA 111+37.54



LOCATION MAP
SCALE: NTS
GROSS & NET LENGTH OF PROJECT: 788.44 FT. (0.15 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: 1/8/2019
Kristine Hocking
City of Warrenville, Senior Civil Engineer

PASSED: 2/6/19
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review 2/6/2019
Regional Engineer

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JAMES J. BENES & ASSOCIATES, INC.

JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
950 WARRENVILLE ROAD, SUITE 101
LISLE, IL 60532
(630) 778-7570
SIGNATURE:
DATE: 1/9/2019
IL LICENSE NO: 062-064927
EXP. DATE: NOVEMBER 30, 2019
FIELD: JAMES J. BENES AND ASSOCIATES, INC.
CIVIL ENGINEERING

BRIAN L. GILMORE
REGISTERED PROFESSIONAL ENGINEER
062-064927
ILLINOIS

CONTRACT NO. 61F52

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL
CONSULTANT: JAMES J. BENES & ASSOCIATES, INC. (630) 778-7570

INDEX OF SHEETS

GENERAL NOTES

1. ACCESS TO LOCAL RESIDENCES AND BUSINESSES SHALL BE MAINTAINED DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL GIVE THE ENGINEER, MUNICIPALITY, COUNTY AND JAMES J. BENES AND ASSOCIATES, INC. THREE (3) WORKING DAYS NOTICE PRIOR TO THE COMMENCEMENT OF WORK.
   (CITY OF WARRENVILLE: (630) 393–9427)
   (DuPAGE COUNTY DIVISION OF TRANSPORTATION: (630) 407–6900)
   (JAMES J. BENES AND ASSOCIATES, INC.: (630) 719–7570)
3. ALL ELEVATIONS ARE ON NAVD 88 DATUM.
4. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
5. THE ENGINEER SHALL NOT ASSUME ANY OF THE RESPONSIBILITIES OF THE CONTRACTOR'S SUPERINTENDENT OR OF SUBCONTRACTORS. ADDITIONALLY, THE ENGINEER SHALL NOT ADVISE ON, OR ISSUE DIRECTIONS CONCERNING, ASPECTS OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR SAFETY PRECAUTIONS AND/OR PROGRAMS IN CONNECTION WITH THE WORK.
6. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL REPORT ANY ENCOUNTERED DISCREPANCIES TO THE ENGINEER AT ONCE. THE CONTRACTOR SHALL TAKE DUE CARE IN ALL PHASES OF CONSTRUCTION TO PROTECT ANY UTILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH ARTICLES 105.07, 107.20, AND 107.39.
7. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA FREE OF DEBRIS DURING CONSTRUCTION. THE CONTRACTOR SHALL INSPECT THE SITE DAILY FOR DEBRIS ON THE ROADWAY SURFACE IN ACCORDANCE WITH ARTICLE 107.15. THE RIGHT–OF–WAY SHALL BE RESTORED TO PRE–CONSTRUCTION CONDITION IN ACCORDANCE WITH ARTICLE 107.20.
8. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION AND SHALL REPAIR ANY DRAINAGE FACILITIES DAMAGED DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF EXISTING STORM SEWERS PRIOR TO THE CONSTRUCTION OF PROPOSED STORM SEWER.
10. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892–0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, SEWERS AND WATER UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
11. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES AND THE MUNICIPALITY.
12. SAW CUTTING OF PAVEMENT, SHOULDERS, CURB AND GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING.
13. STATIONING FOR ALL DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE. OFFSETS FOR CURB LINE INLETS AND CATCH BASINS ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL CURB LINE DRAINAGE STRUCTURES ARE PROPERLY ALIGNED WITH THE PROPOSED CURB AND GUTTER.
14. WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.
15. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016: THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2019: THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD), "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2014 SEVENTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

STATE STANDARDS

000001–07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001–07	TEMPORARY EROSION CONTROL SYSTEMS
424001–11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011–04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021–05	DEPRESSED CORNER FOR SIDEWALKS
424026–03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
602001–02	CATCH BASIN TYPE A
602601–06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701–02	MANHOLE STEPS
604001–04	FRAME AND LIDS TYPE 1
604086–03	FRAME AND GRATE T23
606001–07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301–04	PC CONCRETE ISLANDS AND MEDIANS
701101–05	OFF–RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701427–05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701601–09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701–10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801–06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901–08	TRAFFIC CONTROL DEVICES
720001–01	SIGN PANEL MOUNTING DETAILS
720006–04	SIGN PANEL ERECTION DETAILS
720011–01	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
729001–01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)

LIST OF DISTRICT ONE DETAILS

BD–32	BUTT JOINT AND HMA TAPER DETAILS
TC–10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC–13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS

JAMES J. BENES & ASSOCIATES, INC.
950 Warrenville Road, Suite 101, Lisle, Illinois 60532
Tel. (630) 719-7570 • Fax (630) 719-7589

DESIGNED – DWJ	REVISED – ___	
DRAWN – SMP	REVISED – ___	
CHECKED – TA	REVISED – ___	
DATE – 1–09–19	REVISED – ___	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, GENERAL NOTES AND STATE STANDARDS
DIEHL ROAD

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16–00035–00–CH	DUPAGE	27	2
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

NOTES

GENERAL NOTES

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

MAIL BOXES SHALL BE RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE LOCAL POSTAL AUTHORITY. UNLESS INCLUDED AS A CONTRACT PAY ITEM, THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.20.

ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

TOPSOIL

TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

ROADWAY EXCAVATION

THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING EXISTING HOT-MIX ASPHALT PAVEMENT BY GRINDING OR EXCAVATING. IF THE HOT-MIX ASPHALT PAVEMENT IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. HOT-MIX ASPHALT PAVEMENT REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO HOT-MIX ASPHALT PAVEMENT SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.

THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL.

STORM SEWERS STRUCTURES UTILITIES

MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.

ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS.

TRENCH BACKFILL

WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

HOT-MIX ASPHALT SURFACE AND HOT-MIX ASPHALT BASE COURSE

HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS.

HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

EROSION CONTROL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DuPAGE COUNTY COUNTYWIDE STORMWATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE APRIL 2013 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
5. WHERE WETLANDS ARE TO REMAIN, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF OR STOCKPILED IN WETLANDS.
6. STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, FLOOD PLAINS, AND BUFFERS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
7. RECEPTACLES FOR CONSTRUCTION DEBRIS, INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THESE WILL NOT BE ALLOWED IN SPECIAL MANAGEMENT AREAS. RECEPTACLES AND THEIR LOCATIONS MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
8. HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMITER EROSION BARRIER OR AS A DITCH CHECK.
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
11. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
12. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
13. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
14. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
15. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
16. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
17. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING ½ INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.

JAMES J. BENES & ASSOCIATES, INC.
950 Warrenville Road, Suite 101, Lisle, Illinois 60532
Tel. (630) 719-7570 · Fax (630) 719-7589

DESIGNED — DWJ	REVISED — ___		
DRAWN — SMP	REVISED — ___		
CHECKED — TA	REVISED — ___		
DATE — 1-09-19	REVISED — ___		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DuPAGE COUNTY STANDARD NOTES
DIEHL ROAD

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	3
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

LEGEND

* – DENOTES SPECIALTY ITEMS

SUMMARY OF QUANTITES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES ROADWAY 70% FED 30% LOCAL 0004	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,279	1,279	
20400800	FURNISHED EXCAVATION	CU YD	103	103	
20800150	TRENCH BACKFILL	CU YD	3	3	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	129	129	
25200200	SUPPLEMENTAL WATERING	UNIT	7	7	
28000510	INLET FILTERS	EACH	13	13	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	43	43	
30300116	AGGREGATE SUBGRADE IMPROVEMENT 16"	SQ YD	1,291	1,291	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	236	236	
35400540	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 14"	SQ YD	149	149	
35501290	HOT-MIX ASPHALT BASE COURSE, 3"	SQ YD	158	158	
35501339	HOT-MIX ASPHALT BASE COURSE, 13 3/4"	SQ YD	773	773	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	9	9	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	23	23	
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	111	111	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES ROADWAY 70% FED 30% LOCAL 0004	
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,185	2,185	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	599	599	
42001300	PROTECTIVE COAT	SQ YD	392	392	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	377	377	
42400800	DETECTABLE WARNINGS	SQ FT	118	118	
44000100	PAVEMENT REMOVAL	SQ YD	26	26	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,461	1,461	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	10	10	
60201330	CATCH BASINS. TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1	
60300105	FRAME AND GRATES TO BE ADJUSTED	EACH	1	1	
60404940	FRAMES AND GRATES, TYPE 23	EACH	1	1	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,400	1,400	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	38	38	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	248	248	

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DESIGNED – DWJ	REVISED – ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES DIEHL ROAD
DRAWN – SMP	REVISED – ___		
CHECKED – TA	REVISED – ___		
DATE – 1-09-19	REVISED – ___		SCALE: NTS · SHEET NO. OF SHEETS · STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	4
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

LEGEND

* – DENOTES SPECIALTY ITEMS

SUMMARY OF QUANTITES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES ROADWAY 70% FED 30% LOCAL 0004	
	67100100	MOBILIZATION	L SUM	1	1	
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	50	50	
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	180	180	
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4	
	72900200	METAL POST - TYPE B	FOOT	70	70	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	182	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,525	1,525	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	692	692	
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	268	268	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	287	287	

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES ROADWAY 70% FED 30% LOCAL 0004	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	2	2	
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	109	109	
	X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	491	491	
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	205	205	
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	60	60	
*	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	16	16	

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DRAWN – SMP	REVISED – ___
CHECKED – TA	REVISED – ___
DATE – 1-09-19	REVISED – ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
DIEHL ROAD

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	5
		CONTRACT NO. 61F52		
		ILLINOIS FED. AID PROJECT		

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ALIGNMENT CHECKED
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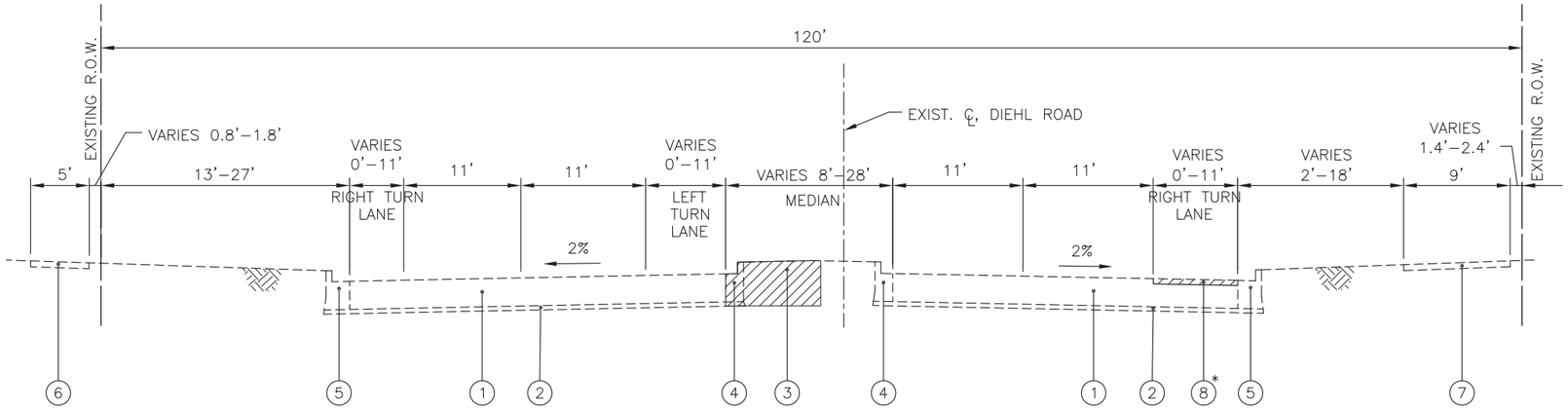
NO.
BY
DATE



EXISTING TYPICAL SECTION - DIEHL ROAD
STA. 103+57.10 TO STA. 106+00.00

LEGEND

1. EXISTING HOT–MIX ASPHALT PAVEMENT, 15 1/2" AND VARIES
2. EXISTING AGGREGATE SUBGRADE, 4" AND VARIES
3. EXISTING GRASSED MEDIAN, PCC MEDIAN SURFACE OR HMA MEDIAN SURFACE
4. EXISTING CONCRETE CURB & GUTTER, TYPE B–6.12
5. EXISTING CONCRETE CURB & GUTTER, TYPE B–6.18
6. EXISTING P.C.C. SIDEWALK
7. EXISTING HOT–MIX ASPHALT PATH
8. HOT–MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH*
9. HOT–MIX ASPHALT PATH REMOVAL (PAID FOR AS REM & DISP UNS MATL)

PROFILE
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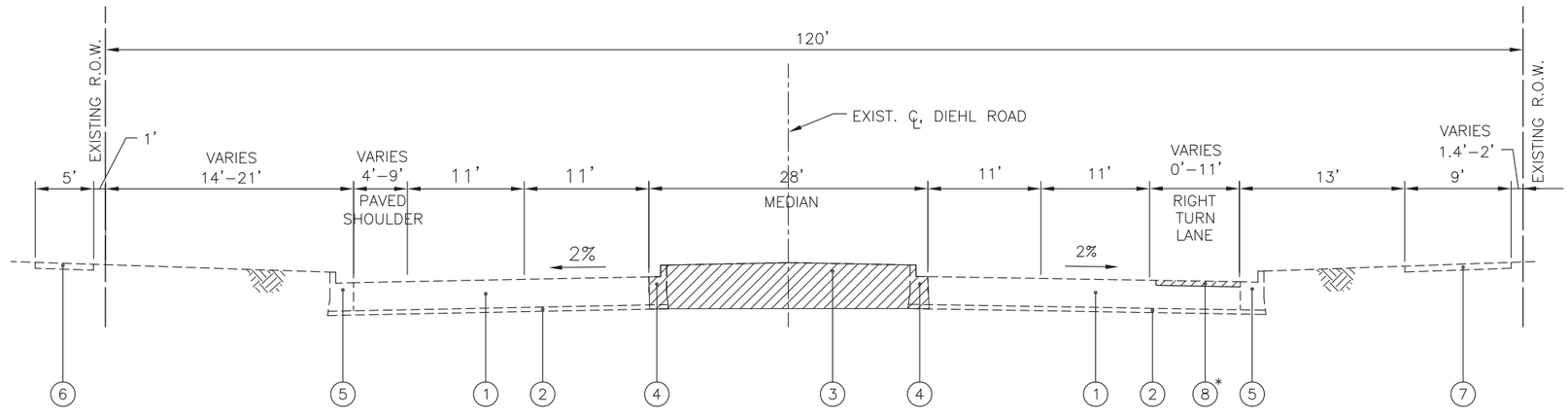
CHECKED
B.M. NOTED
STRUCTURE NO
TA'NS GRID
NOTE BOOK
NO.
BY
DATE



LEGEND

REMOVAL ITEM

*AT LOCATIONS DESIGNATED BY THE ENGINEER

EXISTING TYPICAL SECTION - DIEHL ROAD
STA. 106+00.00 TO STA. 108+00.00

JAMES J. BENES & ASSOCIATES, INC.
950 Warrenville Road, Suite 101, Lisle, Illinois 60532
Tel. (630) 719-7570 · Fax (630) 719-7589

DESIGNED	DWJ	REVISED	____ _____
DRAWN	SMP	REVISED	____ _____
CHECKED	TA	REVISED	____ _____
DATE	1–09–19	REVISED	____ _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
DIEHL ROAD

SCALE: NONE | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16–00035–00–CH	DUPAGE	27	6
		CONTRACT NO. 61F52		
		ILLINOIS FED. AID PROJECT		

PLAN
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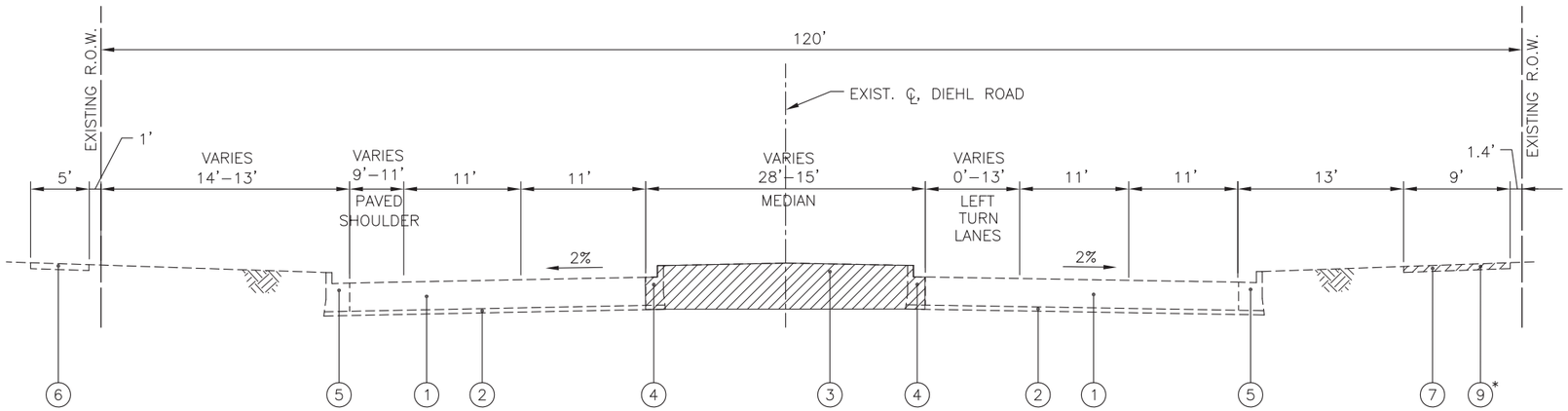
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME



EXISTING TYPICAL SECTION - DIEHL ROAD
STA. 108+00.00 TO STA. 110+00.00

LEGEND

1. EXISTING HOT–MIX ASPHALT PAVEMENT, 15 1/2" AND VARIES
2. EXISTING AGGREGATE SUBGRADE, 4" AND VARIES
3. EXISTING GRASSED MEDIAN, PCC MEDIAN SURFACE OR HMA MEDIAN SURFACE
4. EXISTING CONCRETE CURB & GUTTER, TYPE B–6.12
5. EXISTING CONCRETE CURB & GUTTER, TYPE B–6.18
6. EXISTING P.C.C. SIDEWALK
7. EXISTING HOT–MIX ASPHALT PATH
8. HOT–MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH *
9. HOT–MIX ASPHALT PATH REMOVAL (PAID FOR AS REM & DISP UNS MATL)

PROFILE
SURVEYED
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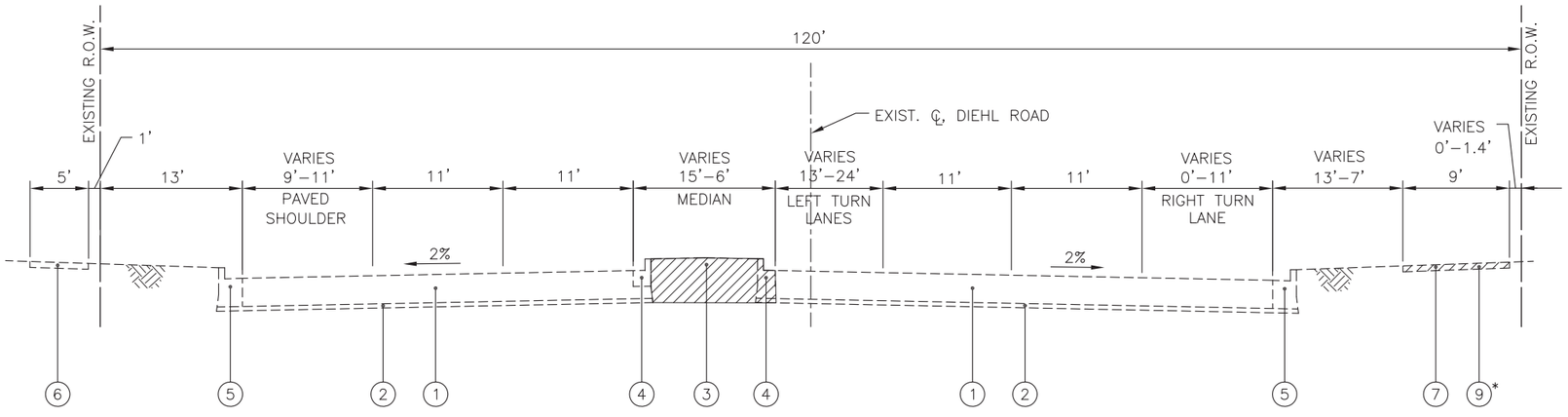
DRAWN
CHECKED
NOTE BOOK
NO.
BY
DATE
B.M. NOTED
STRUCTURE NO
ATTNS CHKD



LEGEND

REMOVAL ITEM

*AT LOCATIONS DESIGNATED BY THE ENGINEER

EXISTING TYPICAL SECTION - DIEHL ROAD
STA. 110+00.00 TO STA. 111+37.54

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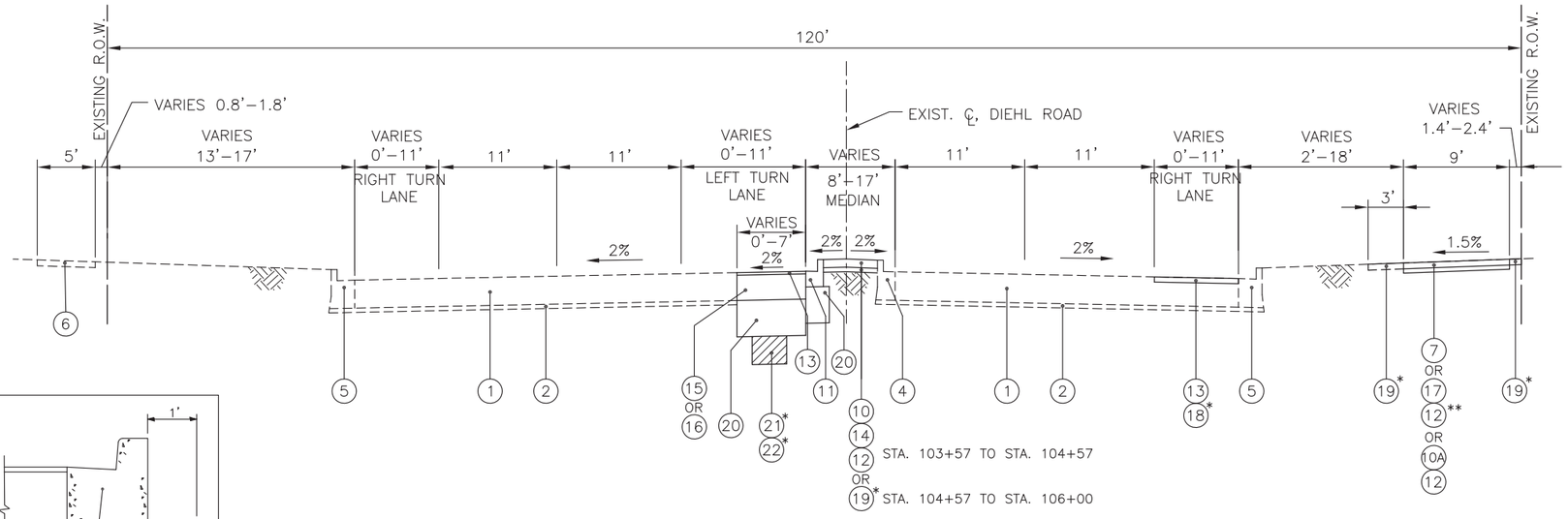
DESIGNED — DWJ	REVISED —	
DRAWN — SMP	REVISED —	
CHECKED — TA	REVISED —	
DATE — 1–09–19	REVISED —	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

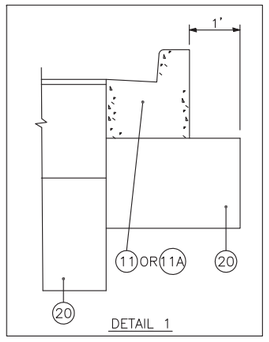
EXISTING TYPICAL SECTIONS
DIEHL ROAD

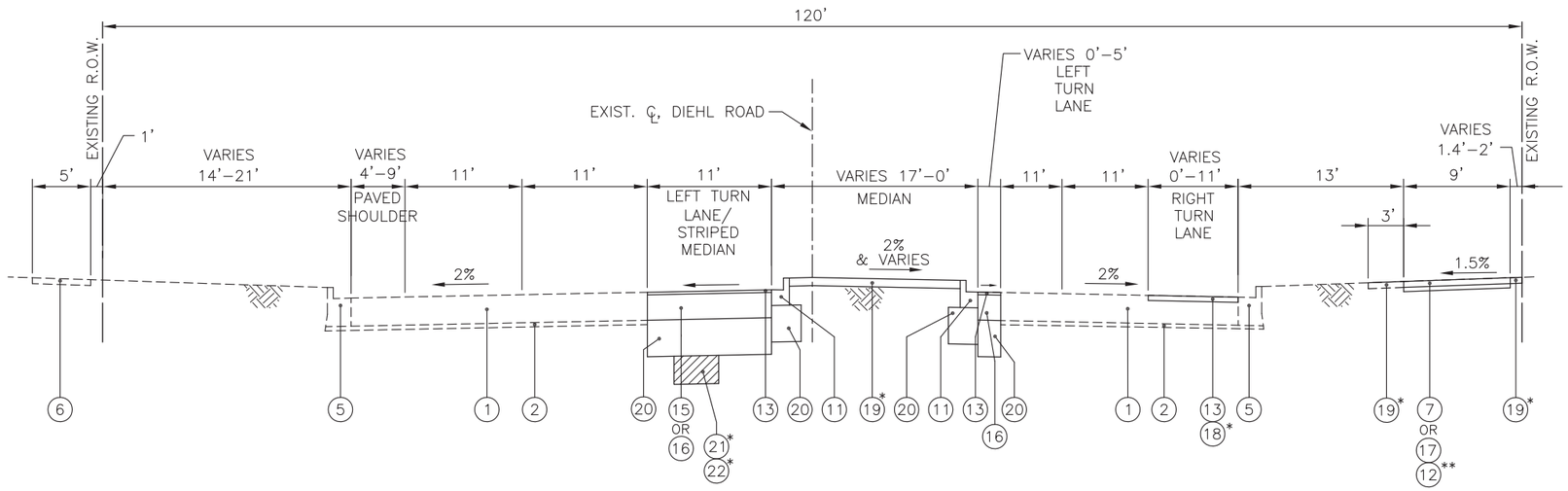
SCALE: NONE | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16–00035–00–CH	DUPAGE	27	7
		CONTRACT NO. 61F52		
		ILLINOIS	FED. AID PROJECT	



PROPOSED TYPICAL SECTION - DIEHL ROAD
STA. 103+57.10 TO STA. 106+00.00





PROPOSED TYPICAL SECTION - DIEHL ROAD
STA. 106+00.00 TO STA. 108+00.00

LEGEND

1. EXISTING HOT–MIX ASPHALT PAVEMENT, 15 1/2" AND VARIES
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7. EXISTING HOT–MIX ASPHALT PATH
8. HOT–MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
9. HOT–MIX ASPHALT PATH REMOVAL (PAID FOR AS REM & DISP UNS MATL)
10. HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
10A. HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4"
11. CONCRETE CURB & GUTTER, TYPE B–6.12
11A. CONCRETE CURB & GUTTER, TYPE B–6.18
12. SUB–BASE GRANULAR MATERIAL, TYPE B, 4"
13. POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
14. HOT–MIX ASPHALT BASE COURSE, 3"
15. HOT–MIX ASPHALT BASE COURSE, 13 3/4" (FOR WIDENING GREATER THAN 6 FT)
16. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 14" (FOR WIDENING 6 FT AND LESS)
17. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
18. LEVELING BINDER (MACHINE METHOD) N50, 3/4"*
19. SODDING, SALT TOLERANT (SPECIAL)* (INCLUDES 6" PULVERIZED TOPSOIL AND FERTILIZER)
20. AGGREGATE SUBGRADE IMPROVEMENT 16"
21. AGGREGATE SUBGRADE IMPROVEMENT*
22. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION*

LEGEND

*AT LOCATIONS DESIGNATED BY THE ENGINEER

**INCLUDED IN THE COST OF PCC SIDEWALK, 5"

HOT–MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT WIDENING	
POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4" (IL–9.5mm)	4% @ 70 Gyr.
HOT–MIX ASPHALT BASE COURSE, 13 3/4" (HMA BINDER IL–19mm)	4% @ 70 Gyr.
PAVEMENT RESURFACING	
POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4" (IL–9.5mm)	4% @ 70 Gyr.
LEVELING BINDER (MACHINE METHOD) N50, 3/4" (IL–9.5mm)	4% @ 50 Gyr.
MEDIAN	
HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" (IL–9.5mm)	4% @ 50 Gyr.
HOT–MIX ASPHALT BASE COURSE, 3" (HMA BINDER IL–19mm)	4% @ 70 Gyr.
SHARED USE PATH	
HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4" (IL–9.5mm) (2 LIFTS)	4% @ 50 Gyr.

NOTES:

1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SY/IN.
2) 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 MIDIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3) FOR USE OF RECYCLED MATERIAL SEE SPECIAL PROVISIONS.

PLAN: DATE | BY | SURVEYED | PLOTTED | DRAWN | CHECKED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO.

PROFILE: DATE | BY | SURVEYED | PLOTTED | DRAWN | CHECKED | E.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO.

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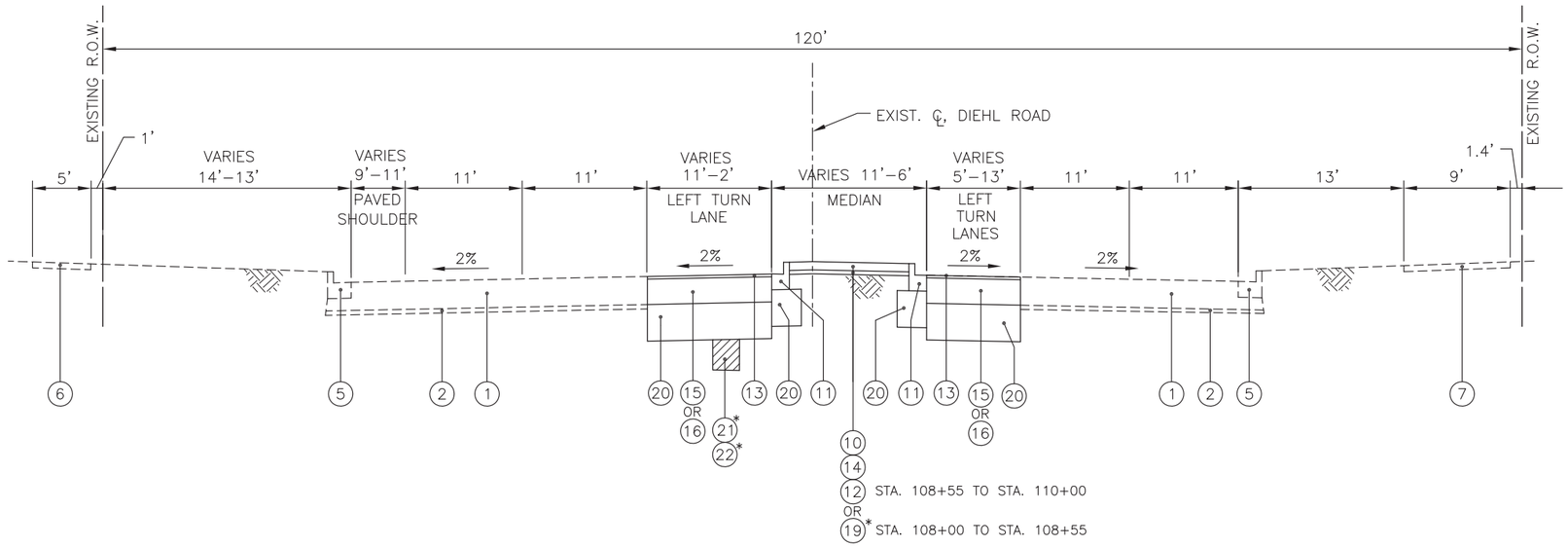
DRAWN	SMP	REVISED	
CHECKED	TA	REVISED	
DATE	1–09–19	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

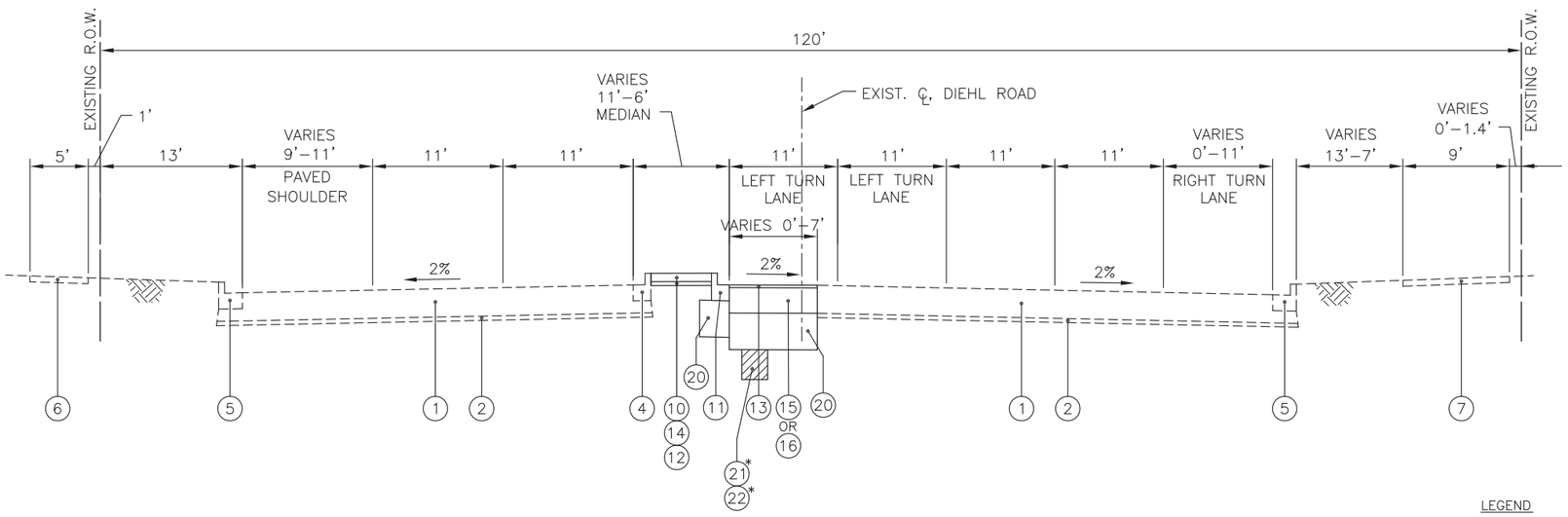
PROPOSED TYPICAL SECTIONS
DIEHL ROAD

SCALE: NONE | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16–00035–00–CH	DUPAGE	27	8
		CONTRACT NO. 61F52		
		ILLINOIS FED. AID PROJECT		



PROPOSED TYPICAL SECTION - DIEHL ROAD
STA. 108+00.00 TO STA. 110+00.00



LEGEND
*AT LOCATIONS DESIGNATED BY THE ENGINEER

PROPOSED TYPICAL SECTION - DIEHL ROAD
STA. 110+00.00 TO STA. 111+37.54

LEGEND

1. EXISTING HOT–MIX ASPHALT PAVEMENT, 15 1/2" AND VARIES
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PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

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DESIGNED	DWJ	REVISED	
DRAWN	SMP	REVISED	
CHECKED	TA	REVISED	
DATE	1–09–19	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
DIEHL ROAD

SCALE: NONE | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16–00035–00–CH	DUPAGE	27	9
		CONTRACT NO. 61F52		
		ILLINOIS	FED. AID PROJECT	

EARTHWORK

LOCATION	REMOVAL & DISPOSAL OF UNSUITABLE MAT. (CU YD)	FURNISHED EXCAVATION (CU YD)
STA 103+57 TO STA 111+37 MEDIAN	**1,202**	**103**
EAST RETURN/WIDENING	**6**	**0**
EAST AND WEST PATH	**15**	**0**
ENTRANCE ISLAND	**13**	**0**
UNDERCUTS	**43**	**0**
TOTAL QUANTITY =	**1,279**	**103**

PCC SIDEWALK, 5"

STATION		
FROM	OFFSET (FEET)	QUANTITY (SQ FT)
105+64	105+97	227
106+63	106+85	150
TOTAL		377

COMBINATION CONCRETE CURB AND GUTTER, TY B-6.12

FROM STATION	TO STATION	TO OFFSET	LENGTH FEET
103+57	106+25	LT & RT	287
106+48	111+37	LT & RT	985
105+76	106+02	RT	25
106+30	106+54	RT	60
106+95	107+06	RT	43
TOTAL			1400

COMBINATION CONCRETE CURB AND GUTTER, TY B-6.18

FROM STATION	TO STATION	TO OFFSET	LENGTH FEET
105+53	105+76	RT	27
106+95	107+06	RT	11
TOTAL			38

CATCH BASIN, TY A, 4' DIA., TY 23 F & G

STATION	OFFSET FEET	QUANTITY (EACH)
106+83	41' RT	1
TOTAL		1

DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED

STATION	OFFSET FEET	QUANTITY (EACH)
105+83	48' RT	1
106+71	45' RT	1
TOTAL		2

FRAME AND GRATES TO BE ADJUSTED

STATION	OFFSET FEET	QUANTITY (EACH)
105+98	36' RT	1
TOTAL		1

FRAME AND GRATES, TYPE 23

STATION	OFFSET FEET	QUANTITY (EACH)
105+83	48' RT	1
TOTAL		1

FRAMES AND LIDS, TYPE 1, OPEN LID

STATION	OFFSET FEET	QUANTITY (EACH)
106+71	45' RT	1
TOTAL		1

INLET FILTERS

STATION		
FROM	OFFSET (FEET)	QUANTITY (EACH)
104+49	34' LT	1
104+49	42' RT	1
105+72	47' RT	1
105+98	40' LT	1
105+99	36' RT	1
106+71	45' RT	1
106+86	39' RT	1
107+49	37' RT	1
107+50	44' LT	1
108+99	39' RT	1
109+00	48' LT	1
110+48	48' LT	1
110+48	40' RT	1
TOTAL		13

DETECTABLE WARNINGS

STATION		
FROM	OFFSET (FEET)	QUANTITY (SQ FT)
105+72	105+97	52
106+32	106+35	18
106+38	106+47	22
106+63	106+73	26
TOTAL		118

COMBINATION CURB AND GUTTER REMOVAL

FROM STATION	TO STATION	TO OFFSET	LENGTH FEET
103+57	111+25	LT	780
106+14	111+25	RT	523
105+52	106+02	RT	52
106+18	106+41	RT	47
106+55	107+06	RT	59
TOTAL			1461

HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH

FROM STATION	TO STATION	TO OFFSET	AREA SQ YD
105+52	107+03	RT	205
TOTAL			205

CONCRETE MEDIAN SURFACE

STATION			
FROM	TO	SIDE	QUANTITY (SQ FT)
106+33	106+52	RT	248
TOTAL			248

PCC BASE COURSE WIDENING-14"

FROM STATION	TO STATION	TO OFFSET	AREA SQ YD
103+57	104+39	CTR LT	27
106+50	107+00	RT	15
107+08	108+27	CTR RT	47
109+47	110+38	CTR LT	30
110+50	111+37	CTR LT	30
TOTAL			149

SUBBASE GRANULAR MATERIAL, TYPE B 4"

FROM STATION	TO STATION	TO OFFSET	AREA SQ YD
103+57	104+57	CTR	59
108+55	111+37	CTR	99
105+28	105+64	RT	40
106+20	106+55	RT ENTR	38
TOTAL			236

AGGREGATE SUBGRADE IMPROVEMENT 16"

FROM STATION	TO STATION	TO OFFSET	QUANTITY SQ YD
103+57	110+37	CTR LT	876
107+07	111+37	CTR RT	370
106+20	106+55	RT ENTR	45
TOTAL			1291

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70

FROM STATION	TO STATION	TO OFFSET	QUANTITY TON
103+57	110+38	CTR LT	65
107+08	111+37	CTR RT	23
105+53	107+08	RT	23
TOTAL			111

HMA SURFACE COURSE, MIX "D", N50

FROM STATION	TO STATION	TO OFFSET	QUANTITY TON
103+57	104+57	CTR RT	5
108+56	111+37	CTR RT	9
105+28	105+64	RT	9
TOTAL			23

LEVELING BINDER (MACHINE METHOD), N50

FROM STATION	TO STATION	TO OFFSET	QUANTITY TON
105+53	107+08	RT	9
TOTAL			9

HMA BASE COURSE, 3"

FROM STATION	TO STATION	TO OFFSET	AREA SQ YD
103+57	104+57	CTR LT	59
108+71	111+37	CTR	99
TOTAL			158

HMA BASE COURSE, 13 3/4"

FROM STATION	TO STATION	TO OFFSET	AREA SQ YD
104+39	109+47	CTR LT	602
108+27	111+37	CTR RT	156
106+17	106+29	RT	15
TOTAL			773

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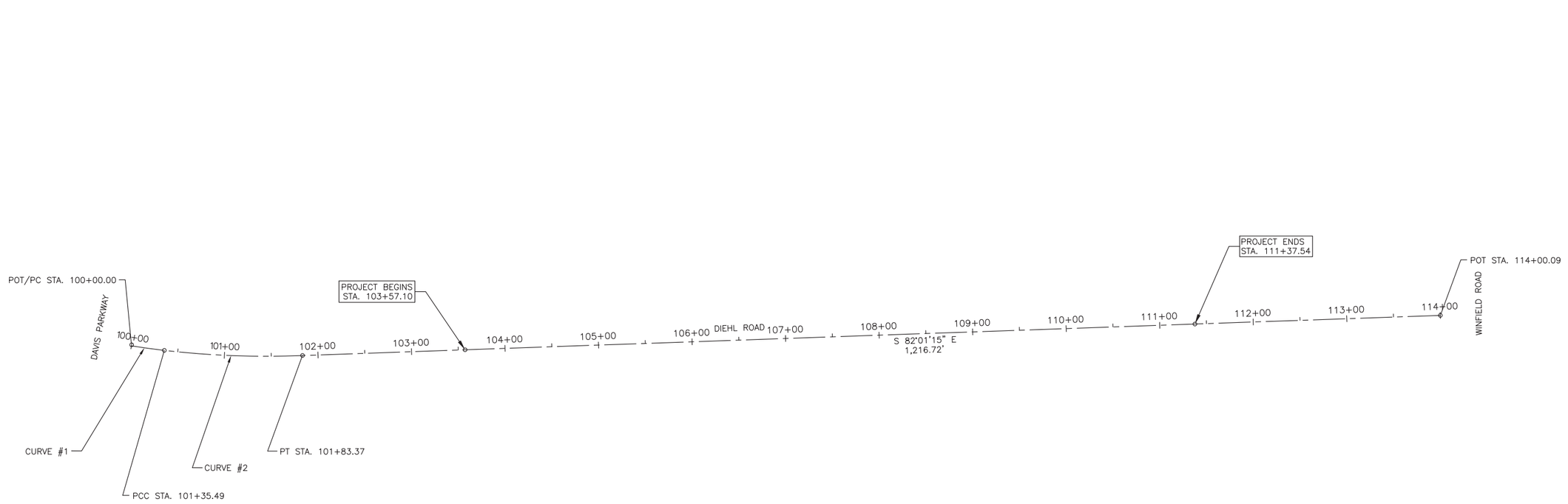
DRAWN — SMP	REVISED — ___	
CHECKED — TA	REVISED — ___	
DATE — 1-09-19	REVISED — ___	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
DIEHL ROAD

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	10
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			



BENCHMARKS:

DuPAGE COUNTY BM #0167:
STATION IS LOCATED ALONG THE SOUTH SIDE OF WARRENVILLE ROAD, EAST OF THE "T" INTERSECTION WITH WASHINGTON STREET. STATION IS 70.2 FT WEST OF A LIGHT POLE, 39.4 FT NORTHWEST OF AN ELECTRIC TRANSFORMER BOX, AND 23.0 FT SOUTH OF THE CENTERLINE OF EASTBOUND WARRENVILLE ROAD. MONUMENT IS A 3.5 INCH BRASS DISK ON THE EAST END OF A RETAINING WALL ALONG THE SOUTH SIDE OF WARRENVILLE ROAD. MONUMENT IS 3.0 FT ABOVE ROAD GRADE.
ELEVATION = 759.89 (NAVD 88)

BM #1:
CUT "□" IN SOUTHEAST CORNER OF STREET LIGHT CONTROLLER FOUNDATION. STREET LIGHT CONTROLLER FOUNDATION LOCATED ON SOUTH SIDE OF WARRENVILLE ROAD NEAR STA. 103+88, 44 FT RIGHT.
ELEVATION = 698.74 (NAVD 88)

NOTES:

1. SHOULD CONTROL POINTS OR BENCH MARKS BE DESTROYED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR RE-ESTABLISHMENT, WHICH SHALL BE INCLUDED IN THE CONTRACT COST PER LUMP SUM OF CONSTRUCTION LAYOUT.
2. ALL ELEVATIONS ARE NAVD88 DATUM.
3. COORDINATES, BEARINGS & DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83) (2011 ADJUSTMENT) "GRID".

   ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997677 PER NGS PID AA3753.

CURVE NO.	Δ	Da	T	R	L	E	POT/PI STATION	POT/PI COORDINATES		PC STATION	PC COORDINATES		PT STATION	PT COORDINATES	
								NORTHING	EASTING		NORTHING	EASTING		NORTHING	EASTING
DIEHL ROAD:							100+00.00	1,870,575.7150	1,028,134.3843						
1	2°15'53"	6°22'52"	17.75'	897.89'	35.49'	0.18'	100+17.75	1,870,573.9309	1,028,151.1626	100+00.00	1,870,579.7150	1,028,134.3843	100+35.49	1,870,568.8143	1,028,168.1564
2	8°51'24"	5°59'20"	74.09'	956.69'	147.88'	2.86'	101+09.58	1,870,547.7257	1,028,239.1797	101+35.49	1,870,568.4143	1,028,168.1564	101+83.37	1,870,537.8235	1,028,312.6031
							114+00.09	1,870,368.9269	1,029,517.5423						

CONTROL POINTS						
CONTROL POINT NO.	LOCATION		NORTHING	EASTING	ELEVATION	DESCRIPTION
	STATION	OFFSET				
DIEHL ROAD:						
1	106+96.72	53.99 RT	1,870,413.0966	1,028,813.4840	697.03	PK NAIL
3	106+56.14	142.76 RT	1,870,330.8188	1,028,760.9814	702.03	PK NAIL
4	113+65.92	63.23 RT	1,870,311.0484	1,029,474.9238	696.87	PK NAIL
5	100+09.71	64.07 RT	1,870,515.8033	1,028,123.3507	698.42	PK NAIL
6	108+58.07	54.66 RT	1,870,390.0401	1,028,973.1782	696.81	PK NAIL

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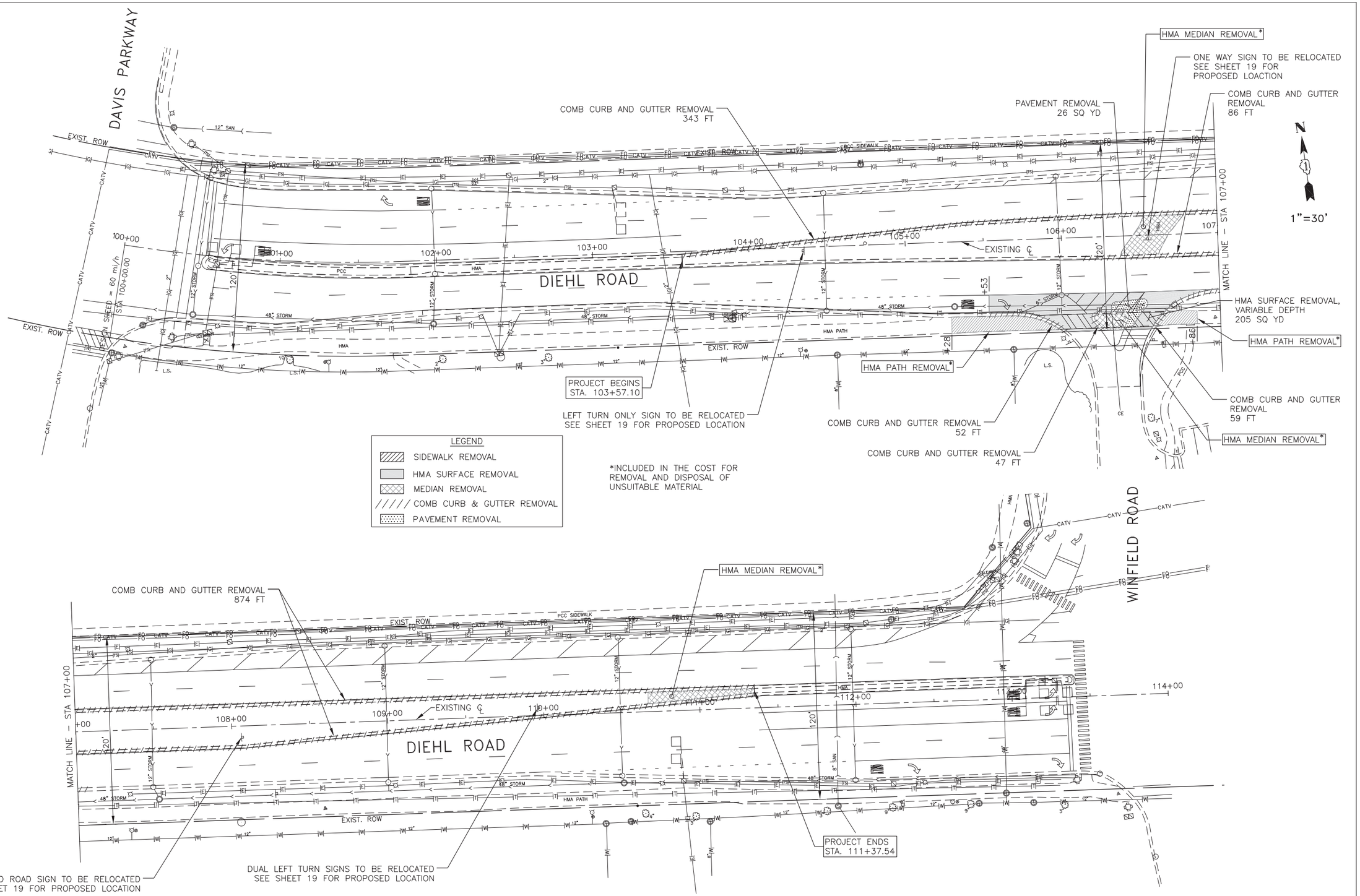
DRAWN — SMP	REVISED — ___	
CHECKED — BDH	REVISED — ___	
DATE — 1-09-19	REVISED — ___	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT AND BENCHMARKS PLAN
DIEHL ROAD

SCALE: 1"=60' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DuPAGE	27	11
		CONTRACT NO. 61F52		
	ILLINOIS	FED. AID PROJECT		



JAMES J. BENES & ASSOCIATES, INC.
950 Warrenville Road, Suite 101, Lisle, Illinois 60532
Tel. (630) 719-7570 • Fax (630) 719-7589

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DRAWN — SMP	REVISED — ___	
CHECKED — TA	REVISED — ___	
DATE — 1-09-19	REVISED — ___	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

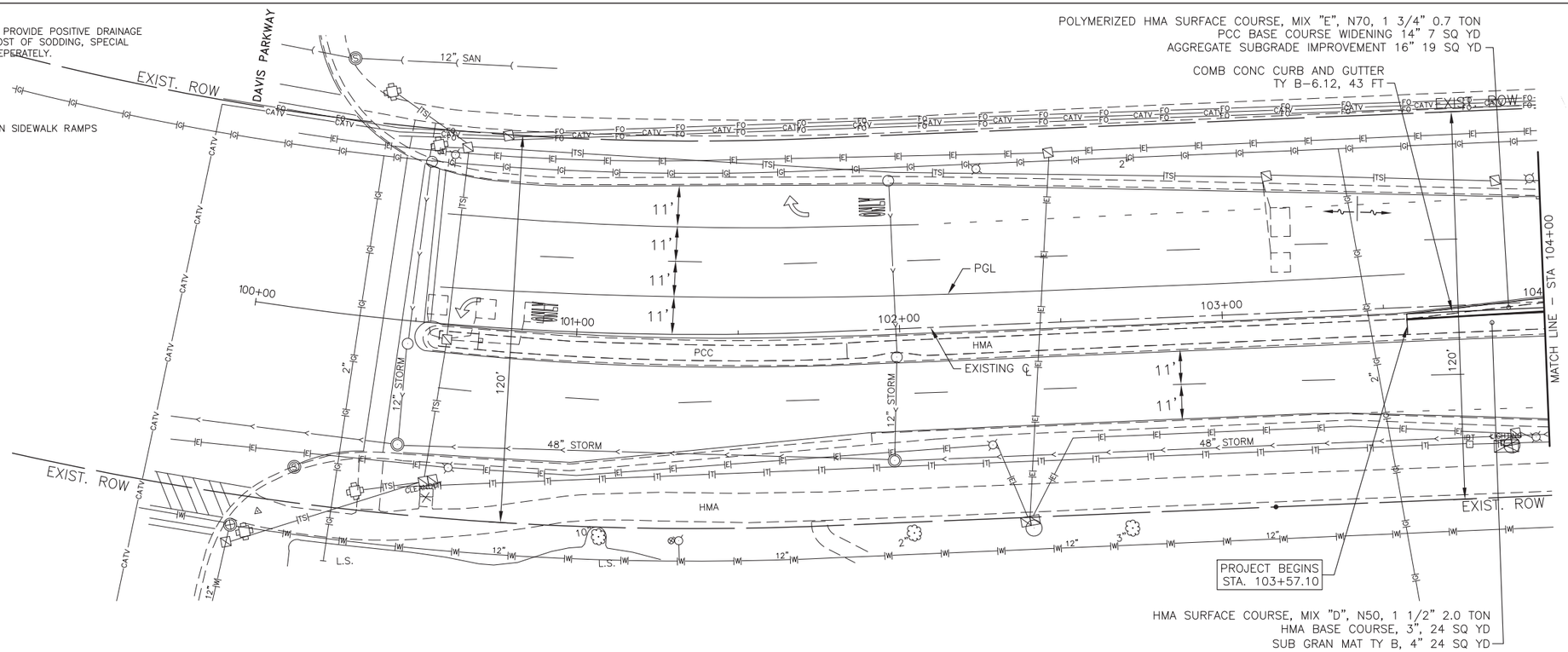
REMOVAL PLAN
DIEHL ROAD

SCALE: 1"=30' | SHEET NO. OF SHEETS | STA. 100+00 TO STA. 114+00

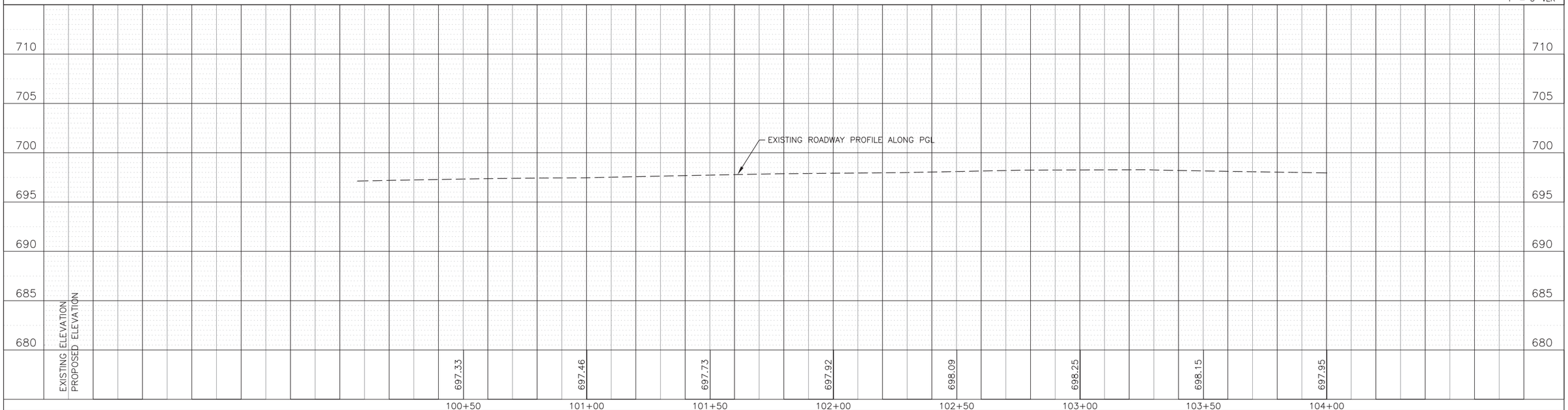
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DuPAGE	27	12
		CONTRACT NO. 61F52		
		ILLINOIS FED. AID PROJECT		

NOTES :
1) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL AND WILL NOT BE PAID FOR SEPERATELY.

LEGEND
- DETECTABLE WARNINGS ON SIDEWALK RAMPS
- DEPRESSED CURB
- REVERSE PITCH CURB
- INLET FILTERS



SCALES:
1" = 20' HOR
1" = 5' VER



PLAN — SURVEYED | PLOTTED | DRAWN | CHECKED | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | DRAWN | CHECKED | NOTE BOOK | NO. | B.M. NOTED | STRUCTURE NOTATNS CHKD | BY | DATE

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DRAWN	SMP	REVISED	___ _____
CHECKED	TA	REVISED	___ _____
DATE	1-09-19	REVISED	___ _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
DIEHL ROAD

SCALE: 1"=20' | SHEET NO. __ OF ___ SHEETS | STA. 100+00 TO STA. 104+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	13
		CONTRACT NO. 61F52		
		ILLINOIS	FED. AID PROJECT	

NOTES :
1) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL AND WILL NOT BE PAID FOR SEPERATELY.

LEGEND
- DETECTABLE WARNINGS ON SIDEWALK RAMPS
- DEPRESSED CURB
- REVERSE PITCH CURB
- INLET FILTERS

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 2.0 TON
PCC BASE COURSE WIDENING, 14" 20 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 16" 31 SQ YD

HMA SURFACE COURSE, MIX "D", N50, 4" 9.0 TON
SUB GRAN MAT TY B, 4" 40 SQ YD

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 20.1 TON
HMA LEVELING BINDER 3/4" 8.6 TON

FRAME AND GRATE TO BE ADJUSTED
EX RIM=696.78
PROP RIM=696.78

RAMP MEDIAN NOSE (COST INCLUDED IN CONC CURB AND GUTTER, TY B-6.12)

MH TO BE ADJUSTED WITH NEW T1F OL
RIM=696.90 PROP
EX STORM MH
EX RIM=696.04
EX INV=683.94
INV=692.17 PROP

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 55.1 TON
HMA BASE COURSE, 13 3/4" 562 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 16" 690 SQ YD

HMA SURFACE COURSE, MIX "D", N50, 1 1/2" 3.0 TON
HMA BASE COURSE, 3" 35 SQ YD
SUB GRAN MAT TY B, 4" 55 SQ YD

STA 104+57.14, 1.63' RT
ELEV=697.95

STA 105+08.60, 3.45' LT
ELEV=697.71

STA 106+21.73, 3.22' LT
ELEV=697.37

STA 106+80.72, 3.10' LT
ELEV=697.35

COMB CONC CURB AND GUTTER TY B-6.12 511 FT

STA 108+72.54, 3.00' LT
ELEV=696.61

EXISTING ℄

12" RCP STORM SEWER
10 FT @ 1.3%
3 CU YD TRENCH BACKFILL

STA 106+15.91, 13.82' RT
ELEV=697.20

STA 106+49.44, 14.15' RT
ELEV=697.08

STA. 106+83, 41' RT
~~CB TA~~ 4' DIA., T23 ~~F&G~~
RIM=696.15
INV=692.3

STA 107+07.66, 14.13' LT
ELEV=696.88

COMB CONC CURB AND GUTTER TY B-6.18, 11 FT

60' R

HMA PATH

EXIST ROW

EXIST. ROW

PCC SIDEWALK, 5" 227 SQ FT
SUB GRAN MAT TY B, 4" 25 SQ YD
(COST INCLUDED IN PCC SIDEWALK, 5")

COMB CONC CURB AND GUTTER TY B-6.12, 244 FT

COMB CONC CURB AND GUTTER TY B-6.18, 27 FT

COMB CONC CURB AND GUTTER TY B-6.12, 43 FT

SODDING, SALT TOLERANT (SPECIAL) 214 SQ YD

SODDING, SALT TOLERANT (SPECIAL) 22 SQ YD

SODDING, SALT TOLERANT (SPECIAL) 246 SQ YD

CATCH BASIN TO BE ADJUSTED WITH NEW T23 FRAME AND GRATE

L.S.

COMB CONC CURB AND GUTTER TY B-6.12, 25 FT

PCC SIDEWALK, 5" 150 SQ FT
SUB GRAN MAT TY B, 4" 17 SQ YD
(COST INCLUDED IN PCC SIDEWALK, 5")

SODDING, SALT TOLERANT (SPECIAL) 9 SQ YD

BY OTHERS

CE

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 1.5 TON
HMA BASE COURSE, 13 3/4" 15 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 16" 15 SQ YD

CONC MEDIAN SURF 4", 248 SQ FT
SUB GRAN MAT TY B, 4" 38 SQ YD

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 1.5 TON
PCC BASE COURSE WIDENING, 14" 15 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 16" 30 SQ YD

COMB CONC CURB AND GUTTER TY B-6.12, 60 FT

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 4.6 TON
PCC BASE COURSE WIDENING, 14" 47 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 16" 96 SQ YD

HMA SURFACE COURSE, MIX "D", N50, 1 1/2" 1.1 TON
HMA BASE COURSE, 3" 13 SQ YD
SUB GRAN MAT TY B, 4" 13 SQ YD

POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4" 4.7 TON
HMA BASE COURSE, 13 3/4" 48 SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 16" 69 SQ YD

MATCH LINE — STA 104+00

MATCH LINE — STA 109+00

N

SCALES:
1" = 20' HOR
1" = 5' VER

EXISTING ROADWAY PROFILE ALONG PGL

	710	705	700	695	690	685	680
EXISTING ELEVATION				697.95		697.75	697.55
PROPOSED ELEVATION							

104+00	104+50	105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00
697.95	697.75	697.55	697.32	697.21	697.07	696.85	696.66	696.52	696.40	696.27

PLAN
SURVEYED
PLOTTED
QUANTITIES CHECKED
R.O.W. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
QUANTITIES CHECKED
R.O.W. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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DATE	1-09-19	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
DIEHL ROAD

SCALE: 1"=20' | SHEET NO. __ OF ___ SHEETS | STA. 104++00 TO STA. 109+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	14
		CONTRACT NO. 61F52		
		ILLINOIS FED. AID PROJECT		

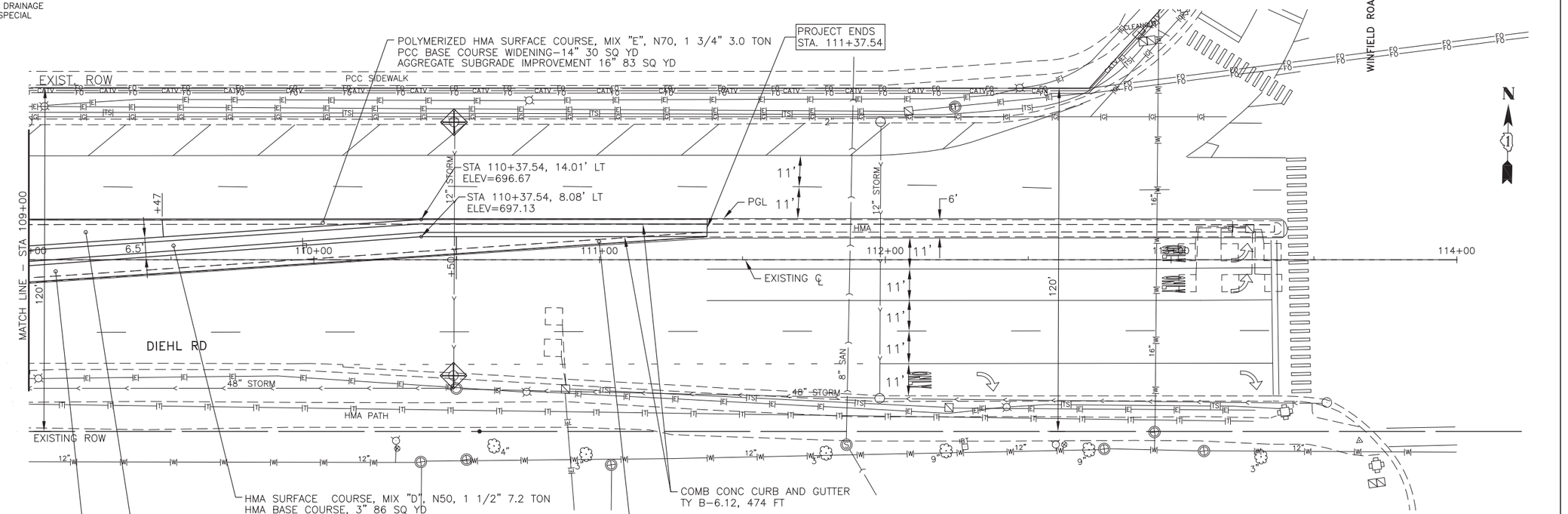
NOTES :

1) FINE GRADING OF PARKWAY TO PROVIDE POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF SODDING, SPECIAL AND WILL NOT BE PAID FOR SEPERATELY.

LEGEND

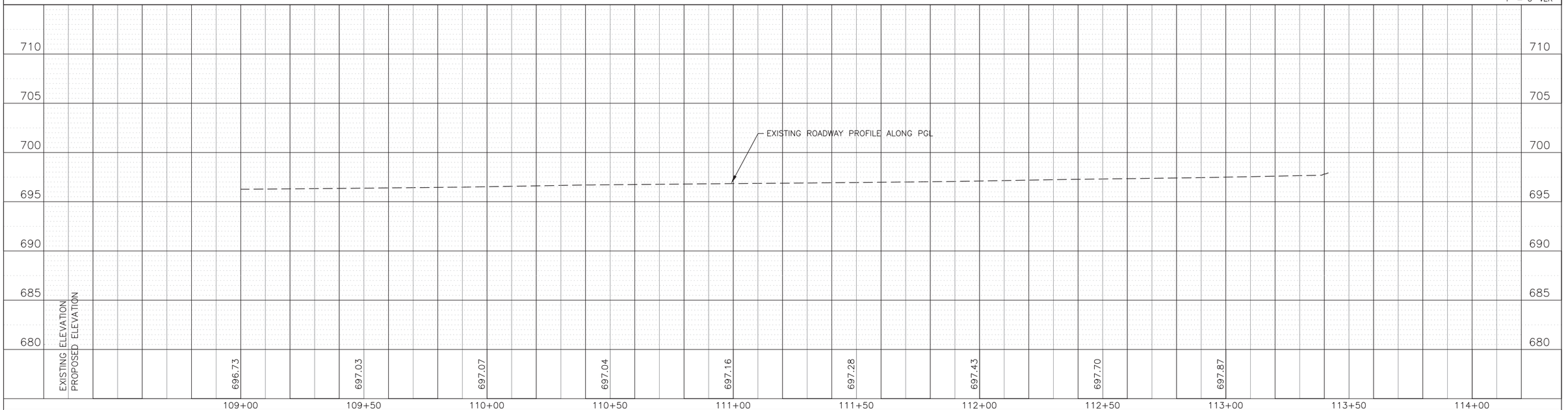
- DETECTABLE WARNINGS ON SIDEWALK RAMPS
- DEPRESSED CURB
- REVERSE PITCH CURB
- INLET FILTERS

PLAN — DATE / BY — SURVEYED, PLOTTED, DRAWN, CHECKED, R/W AGENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — NOTE BOOK — NO.



SCALES:
1" = 20' HOR
1" = 5' VER

PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD — DATE / BY — NOTE BOOK — NO.



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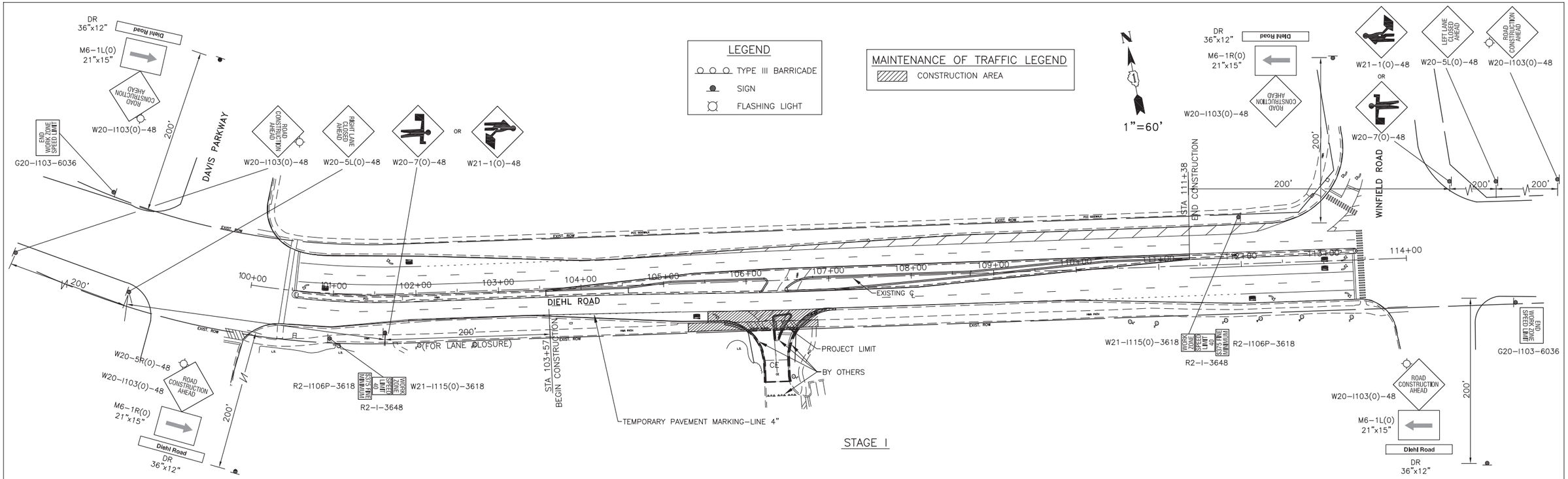
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
DIEHL ROAD

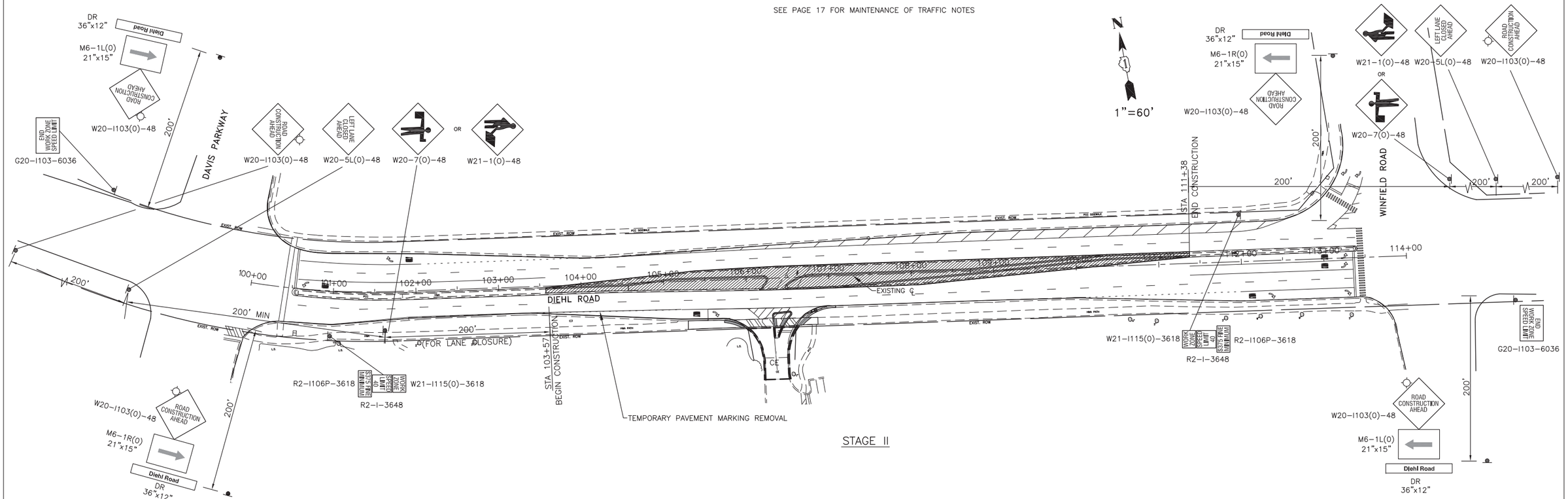
SCALE: 1"=20' | SHEET NO. __ OF ___ SHEETS | STA. 109+00 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16–00035–00–CH	DUPAGE	27	15
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			



STAGE I

SEE PAGE 17 FOR MAINTENANCE OF TRAFFIC NOTES



STAGE II

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
DIEHL ROAD

SCALE: 1"=60' | SHEET NO. OF SHEETS | STA. 100+00 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DuPAGE	27	16
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES FOR TRAFFIC CONTROL

1. MAINTENANCE OF TRAFFIC AS DENOTED ON THE PLANS IS INTENDED TO BE USED AS A GENERAL GUIDE FOR THE SEQUENCE OF CONSTRUCTION OF THE WORK. NO CHANGES WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

2. ACCESS TO ENTRANCES SHALL BE MAINTAINED. WHEN A PROPERTY IS SERVICED BY A SINGLE ENTRANCE, CONSTRUCTION OF THE ENTRANCE SHALL BE COMPLETED ONE HALF AT A TIME IN ORDER TO MAINTAIN ACCESS. WHEN A PROPERTY IS SERVICED BY MULTIPLE ENTRANCES, ONE OF THE ENTRANCES SHALL REMAIN OPEN AT ALL TIMES.

3. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT THE FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

4. WORK THAT REQUIRES TEMPORARY LANE CLOSURE SHALL PERFORMED BETWEEN 9:00AM AND 3:00PM ONLY. LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED WHEN ALL LANES ARE OPEN.

5. THE FURNISHING, INSTALLATION, RELOCATION AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES SHOWN ON THESE MAINTENANCE OF TRAFFIC PLANS AND ON THE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS SHALL BE PAID FOR UNDER THE SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS. THE CONTRACTOR SHALL FURNISH ANY ADDITIONAL SIGNS AS REQUIRED BY THE ENGINEER, THE COST OF WHICH WILL ALSO BE INCLUDED IN THE SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

6. FLAGGERS AND/OR WORKERS SIGNS SHALL BE REMOVED OR COVERED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

TRAFFIC CONTROL AND PROTECTION

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, TRAFFIC SIGNAL PLANS, THESE NOTES, APPLICABLE SPECIAL PROVISIONS, AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISION FOR WORK ZONE TRAFFIC CONTROL (CHECK SHEET LRS 3).

THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.

EXISTING TRAFFIC CONTROL SIGNS AND DEVICES MAY BE REMOVED BY THE DUPAGE COUNTY DIVISION OF TRANSPORTATION AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS WILL BE REPLACED BY THE CONTRACTOR.

TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.

ANY DROP OFF GREATER THAN THREE (3) INCHES WITHIN SIXTEEN (16) FEET OF A TRAVEL LANE SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. IF THE DROP OFF IS GREATER THAN TWENTY-FOUR (24) INCHES AND EXISTS FOR LONGER THAN 24 HOURS, IT SHALL BE PROTECTED BY TEMPORARY CONCRETE BARRIER. TEMPORARY CONCRETE BARRIER SHALL HAVE MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. THE CONTRACTOR SHALL SCHEDULE HIS WORK AND OPERATIONS SUCH THAT A DROP OFF OF GREATER THAN 24 INCHES DOES NOT REMAIN WITHIN SIXTEEN FEET OF A TRAVEL LANE FOR MORE THAN 24 HOURS. THE CONTRACTOR MAY PLACE COMPACTED EXCAVATED MATERIAL, AGGREGATE, OR OTHER MATERIAL IN THE DROP OFF TO SATISFY THIS REQUIREMENT. THE PLANS INDICATE AREAS (IF ANY) IN WHICH THE DEPARTMENT EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER THAN 24 INCHES TO REMAIN FOR MORE THAN 24 HOURS.

BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.

TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.

TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.

WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.

ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.

PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS PROJECT:

701101.05	*OFF RD OPERATIONS, MULTILANE 15' TO 24" FROM PAVEMENT*
701427.05	*LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS*
701601.09	*URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN*
701701.10	*URBAN LANE CLOSURE, MULTILANE INTERSECTION*
701801.06	*SIDEWALK CORNER OR CROSSWALK CLOSURE*
701901.08	*TRAFFIC CONTROL DEVICES*

CONSTRUCTION STAGING

THE FOLLOWING IS THE CONSTRUCTION STAGING FOR THIS PROJECT. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORIST. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION WITH THE PRIOR APPROVAL OF THE ENGINEER.

STAGE I - ENTRANCE RECONFIGURATION LOCATED FROM STA 105+53 TO STA 107+08 ALONG SOUTH SIDE OF DIEHL ROAD

STAGE II - RECONFIGURE MEDIAN INCLUDING LEFT TURN INTO TARGET DRIVEWAY AND RECONFIGURED LEFT TURN LANES AT BOTH DAVIS PARKWAY AND WINFIELD ROAD

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NOTES
DIEHL ROAD

SCALE: N/A | SHEET NO. OF SHEETS | STA. 100+00 TO STA. 114+00

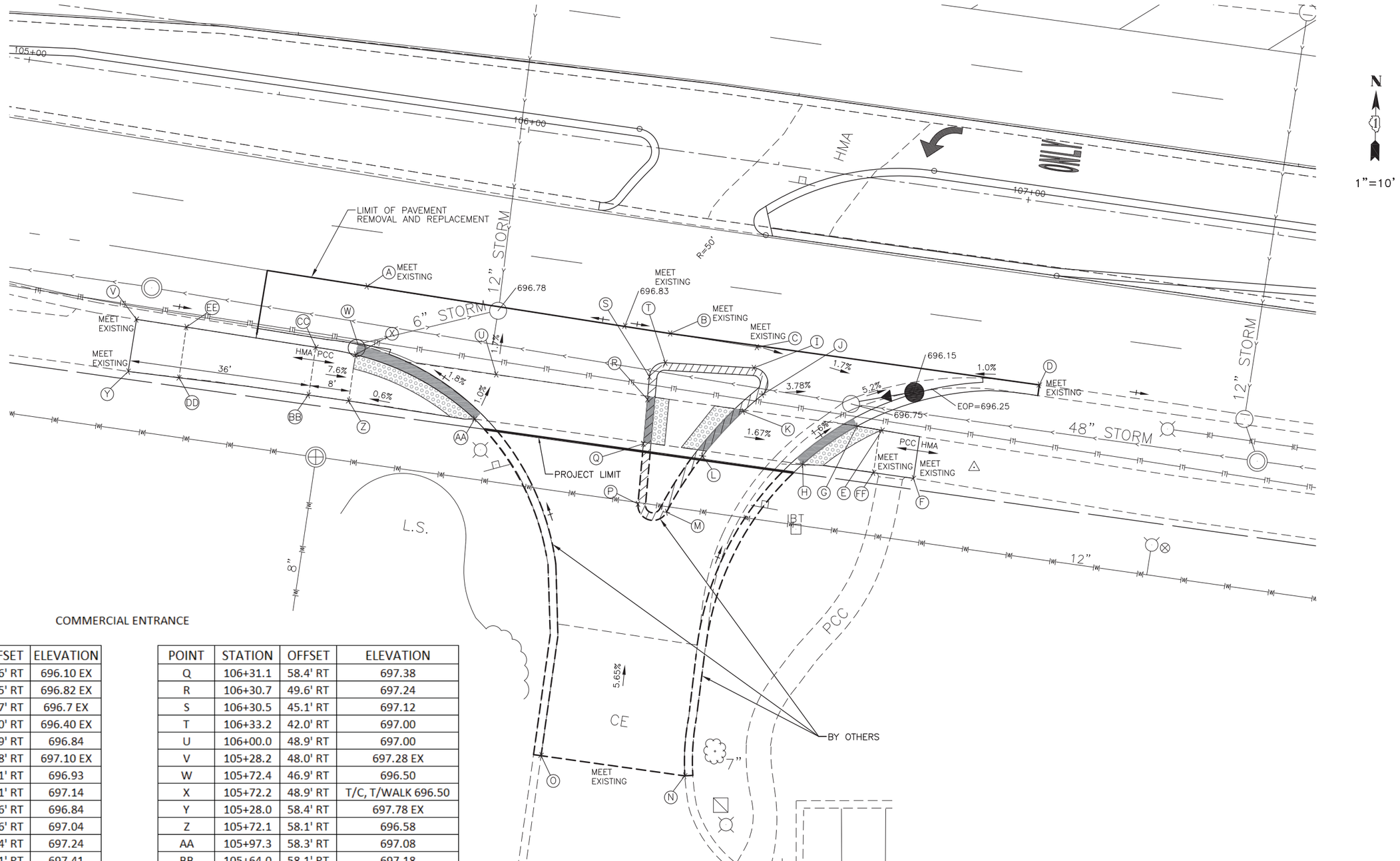
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DuPAGE	27	17
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

LEGEND

DETECTABLE WARNINGS ON SIDEWALK RAMPS

DEPRESSED CURB

REVERSE PITCH CURB



COMMERCIAL ENTRANCE

POINT	STATION	OFFSET	ELEVATION
A	105+72.6	36.6' RT	696.10 EX
B	106+30.6	36.5' RT	696.82 EX
C	106+50.7	36.7' RT	696.7 EX
D	107+07.3	36.0' RT	696.40 EX
E	106+77.6	49.9' RT	696.84
F	106+85.1	57.8' RT	697.10 EX
G	106+72.6	49.1' RT	696.93
H	106+63.0	58.1' RT	697.14
I	106+50.7	40.6' RT	696.84
J	106+53.1	45.6' RT	697.04
K	106+49.8	49.4' RT	697.24
L	106+43.1	59.1' RT	697.41
M*	106+37.6	71.3' RT	698.19
N*	106+48.4	122.5' RT	701.19
O*	106+19.6	122.5' RT	700.83
P*	106+31.7	70.4' RT	698.06

POINT	STATION	OFFSET	ELEVATION
Q	106+31.1	58.4' RT	697.38
R	106+30.7	49.6' RT	697.24
S	106+30.5	45.1' RT	697.12
T	106+33.2	42.0' RT	697.00
U	106+00.0	48.9' RT	697.00
V	105+28.2	48.0' RT	697.28 EX
W	105+72.4	46.9' RT	696.50
X	105+72.2	48.9' RT	T/C, T/WALK 696.50
Y	105+28.0	58.4' RT	697.78 EX
Z	105+72.1	58.1' RT	696.58
AA	105+97.3	58.3' RT	697.08
BB	105+64.0	58.1' RT	697.18
CC	105+64.2	48.6' RT	T/C, T/WALK 697.11
DD	105+38.0	58.3' RT	697.37
EE	105+38.2	48.2' RT	T/C, T/WALK 697.23
FF	106+77.1	57.8' RT	696.97 EX

*BY OTHERS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

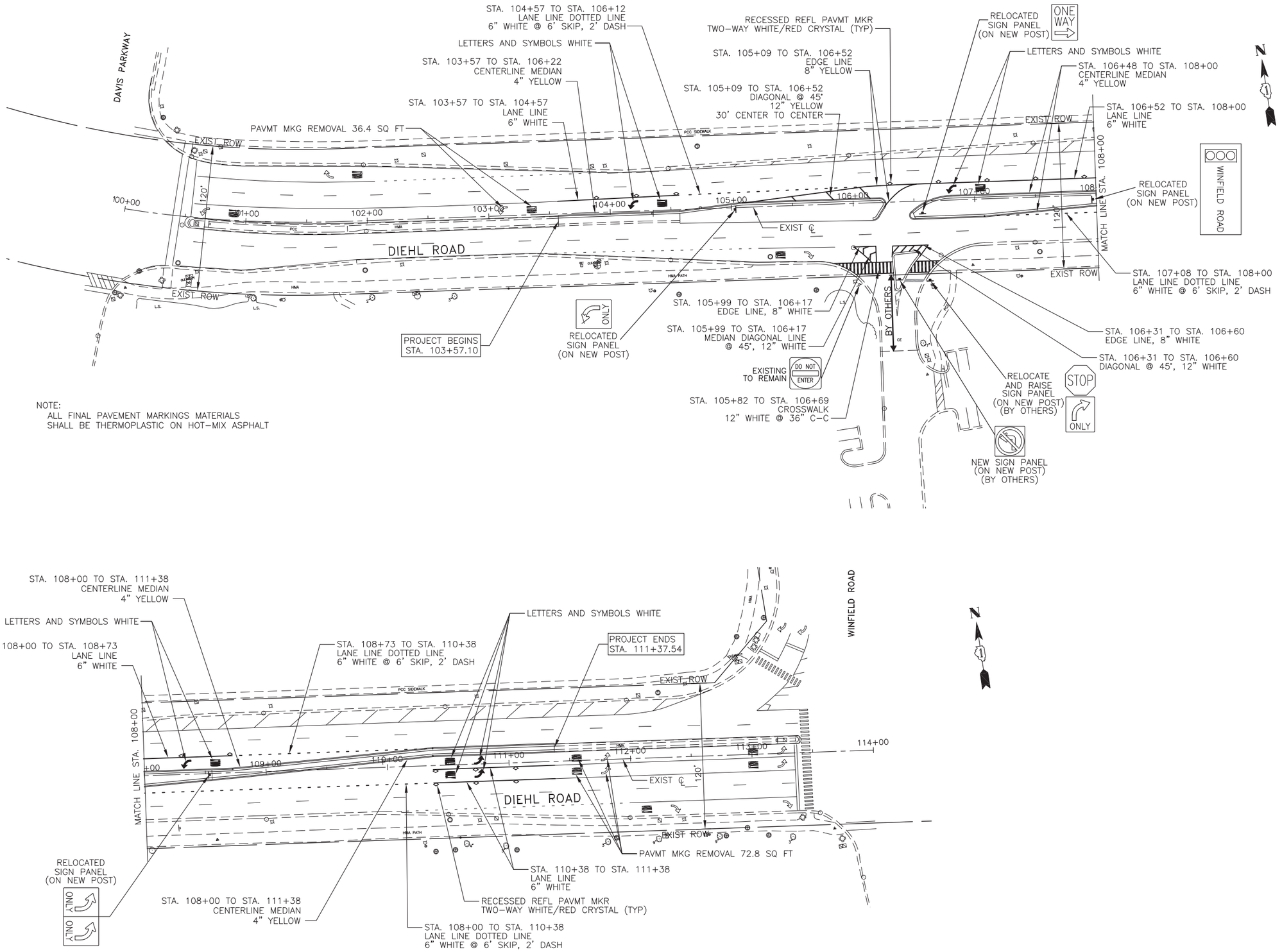
ADA AND DRIVEWAY DETAILS
DIEHL ROAD

SCALE: 1"=10' | SHEET NO. OF SHEETS | STA. 105+00 TO STA. 107+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DuPAGE	27	18

CONTRACT NO. 61F52

ILLINOIS | FED. AID PROJECT



NOTE:
ALL FINAL PAVEMENT MARKINGS MATERIALS
SHALL BE THERMOPLASTIC ON HOT-MIX ASPHALT

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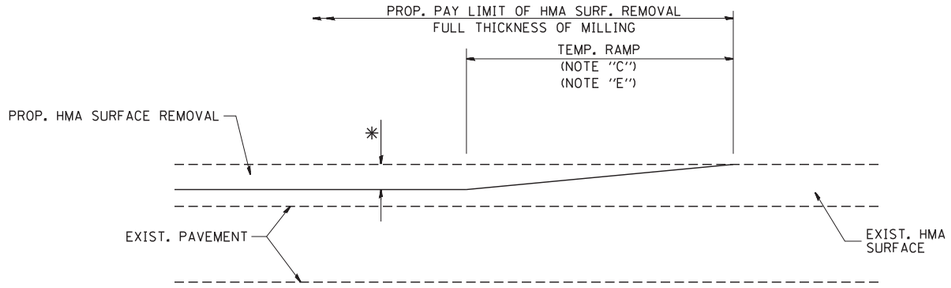
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLAN
DIEHL ROAD

SCALE: 1"=40' | SHEET NO. OF SHEETS | STA. TO STA.

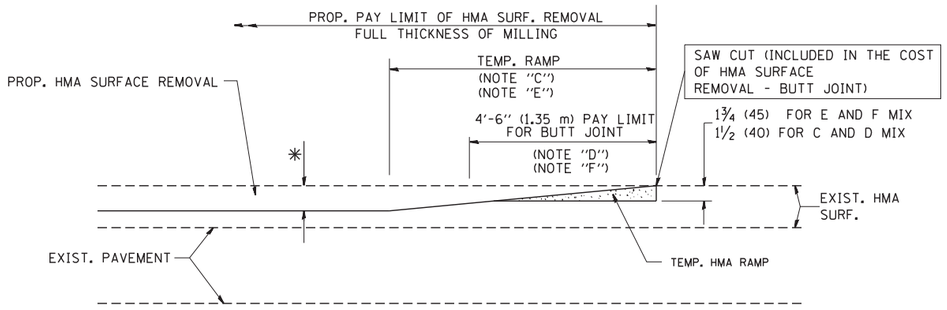
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DuPAGE	27	19
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

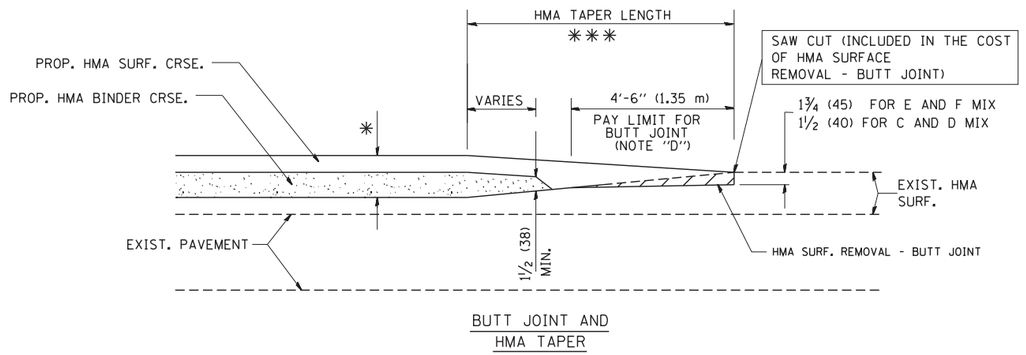


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

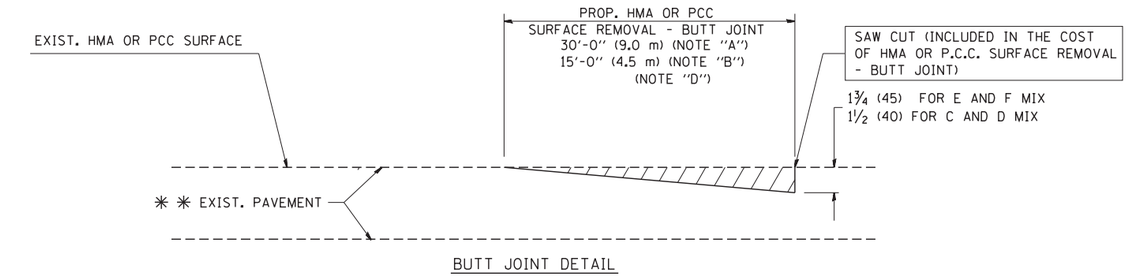
OPTION 2

TYPICAL TEMPORARY RAMP

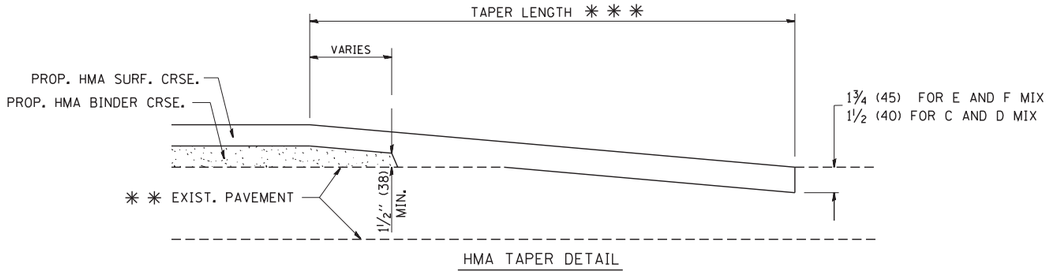


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

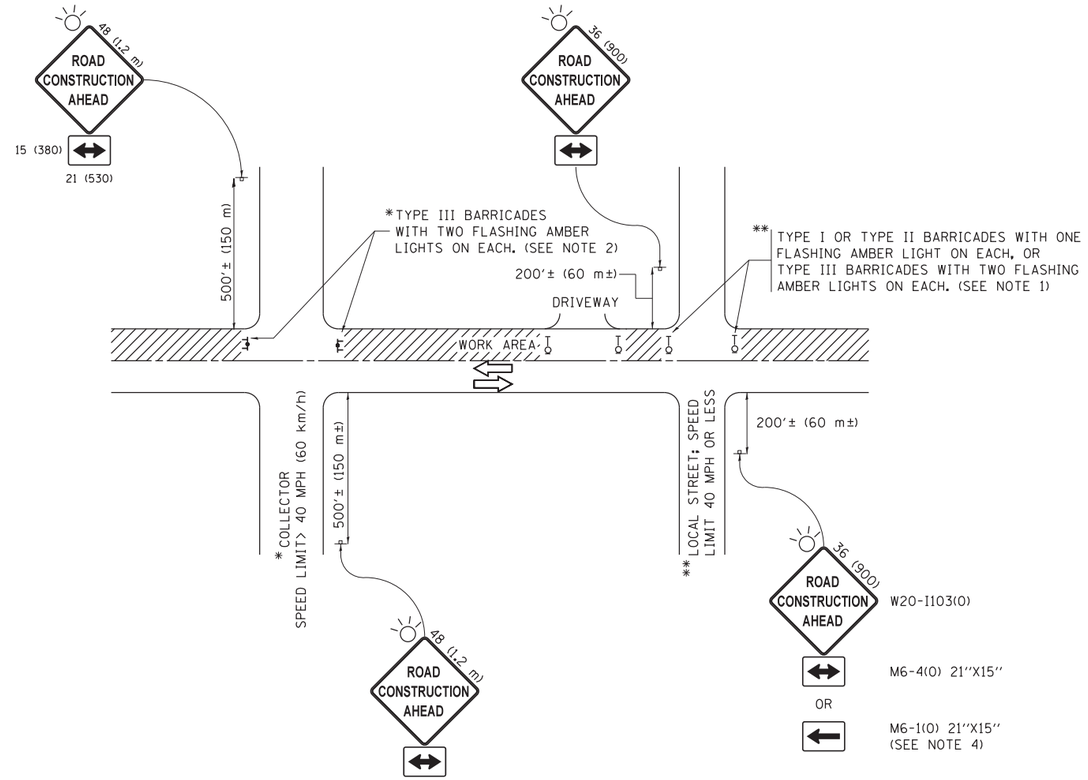
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	20
	BD400-05 BD32	CONTRACT NO. 61F52		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

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

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

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			REVISED -T. RAMMACHER 01-06-00
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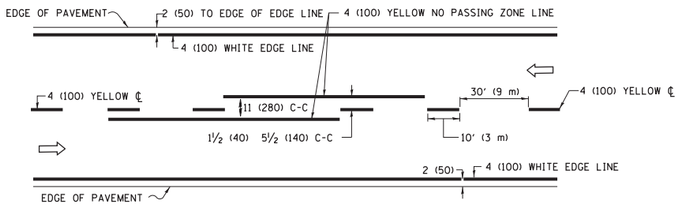
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

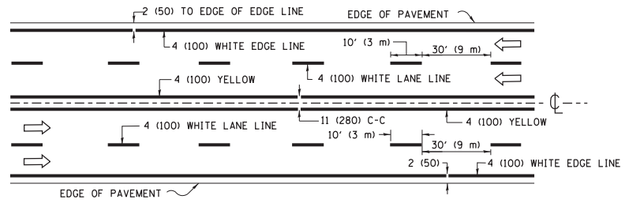
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

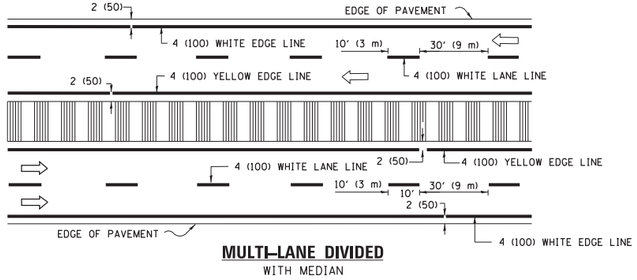
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	21
	TC-10	CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			



2–LANE ROADWAY

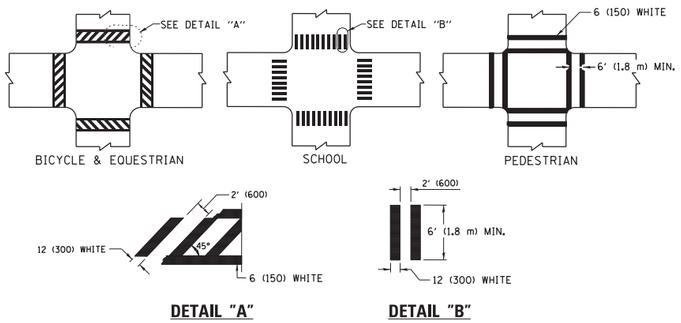


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

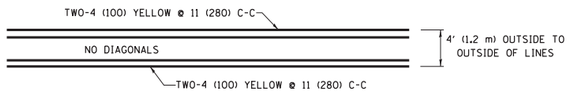
TYPICAL LANE AND EDGE LINE MARKING



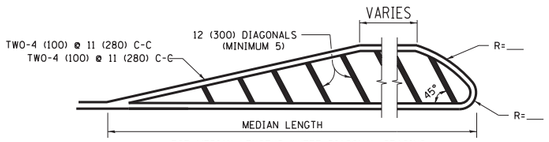
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



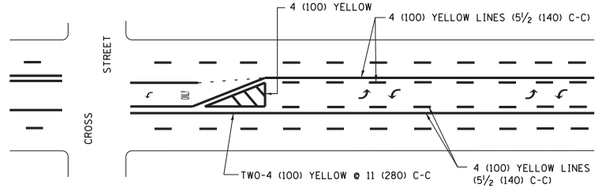
4' (1.2 m) WIDE MEDIANS ONLY



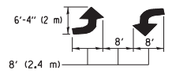
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

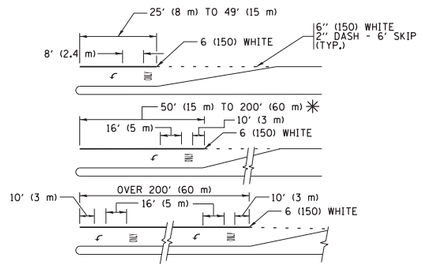


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

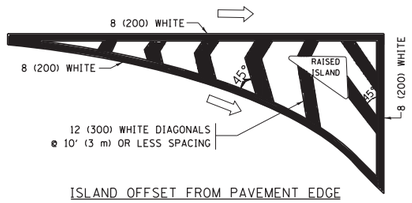


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

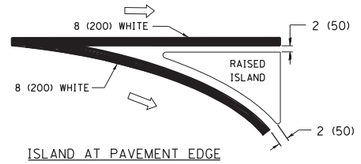
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

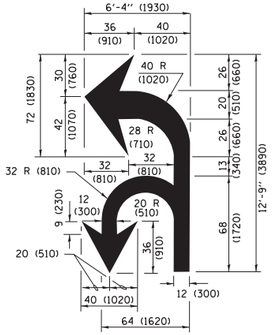


ISLAND OFFSET FROM PAVEMENT EDGE

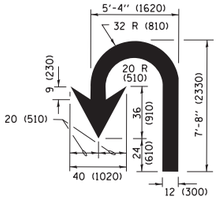


ISLAND AT PAVEMENT EDGE

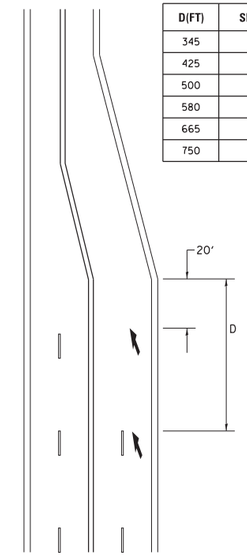
TYPICAL ISLAND MARKING



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.

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

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

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

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

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	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
			REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

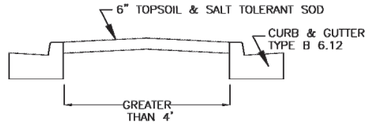
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

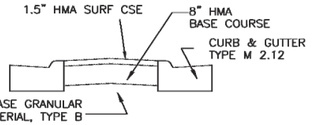
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	22
	TC–13	CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

tc13.dgn 4/13/2016 2:04:04 PM User=footemj

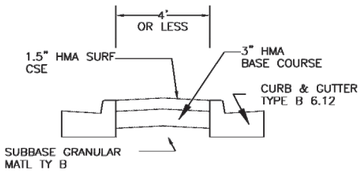
MEDIAN DETAILS



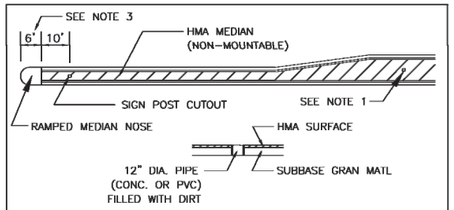
SOD MEDIAN



HMA MEDIAN (MOUNTABLE)



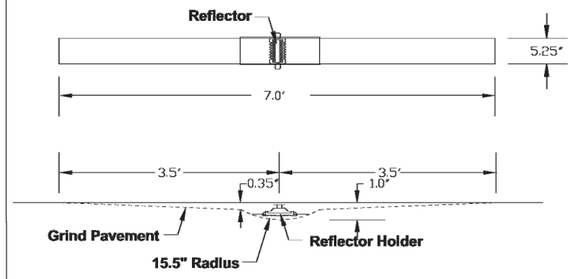
HMA MEDIAN (NON-MOUNTABLE)

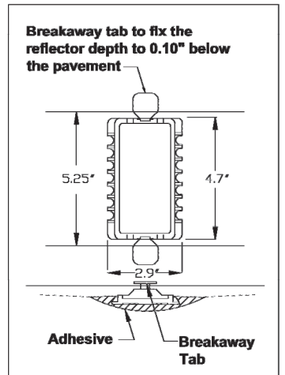


NOTES:
1. IF PAVED SURFACE EXTENDS PAST TURN BAY, ADD CUTOUT.
2. SIGN POST CUTOUTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE MEDIAN SURFACE.
3. IF MEDIAN HEIGHT IS GREATER THAN 6", INCREASE RAMP LENGTH ACCORDINGLY.

SIGN POST CUTOUTS

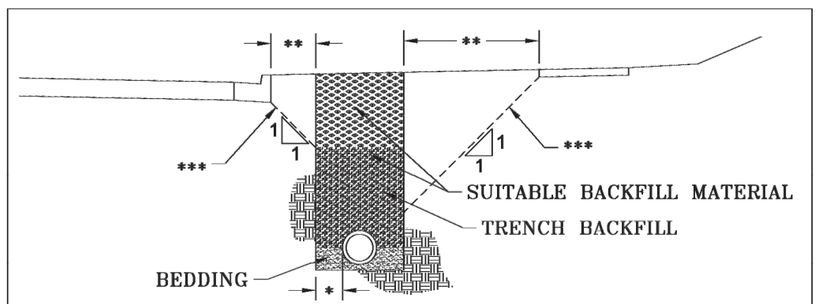
RECESSED PAVEMENT MARKER





Reflector Holder Detail

1/30/2018
DuPAGE COUNTY D.O.T.



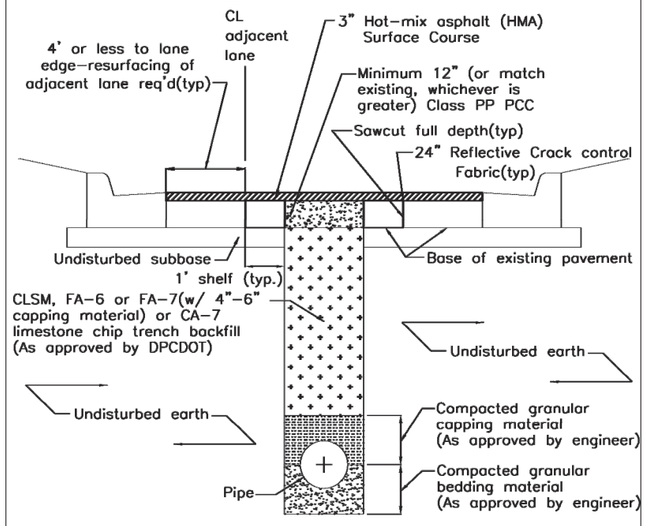
* TRENCH WIDTH PER ARTICLE 550.04 OF THE STANDARD SPECIFICATIONS. WHERE THE TRENCH WIDTH IS WIDER, THE ADDITIONAL TRENCH BACKFILL SHALL BE AT THE CONTRACTOR'S EXPENSE.

*** LINE OF INFLUENCE:
USE TRENCH BACKFILL MATERIAL FOR THE FULL WIDTH OF THE TRENCH WHEN THE INNER EDGE OF THE TRENCH IS BELOW A LINE EXTENDING 1H:1V FROM THE EDGE OF PAVEMENT, CURB, GUTTER, CURB AND GUTTER, STABILIZED SHOULDER, OR SIDEWALK.

DuPAGE COUNTY TRENCH BACKFILL DETAIL

1/31/2018
DuPAGE COUNTY D.O.T.

DUPAGE COUNTY DIVISION OF TRANSPORTATION
TRENCH BACKFILL STANDARD IN PAVED AREAS



Notes:

1. All materials per IDOT's "Standard Specifications for Road & Bridge Construction" (latest edition) and "Supplemental Recurring Special Provisions" (latest edition).
2. Replace all pavement markings, striping, symbols and pavement markers in kind.

PAVEMENT MARKINGS AND PAVEMENT MARKERS

MATERIALS FOR PAVEMENT MARKINGS:

LOCATION	MATERIAL
ALL MARKINGS ON BITUMINOUS PAVEMENT	THERMOPLASTIC PAVEMENT MARKINGS
ALL MARKINGS ON CONCRETE SURFACES	URETHANE PAVEMENT MARKINGS

INSTALLATION OF PAVEMENT MARKINGS:

LOCATION	TYPE OF MARKING
PAINTED MEDIANS	4" DOUBLE YELLOW; 11" c-c AND 12" YELLOW @ 45°; 30' c-c
BARRIER MEDIANS	4" YELLOW
TURN BAY TAPERS ALONG THRU LANES	6" WHITE, 2' LONG, 6' SPACE (DOTTED WHITE)
START OF TURN BAYS	ARROW AND "ONLY"
END OF TURN BAYS 150'-200' LONG	ADDITIONAL ARROW 10' FROM END
TURN BAYS > 200' LONG	ADDITIONAL "ONLY"

ALL OTHER MARKINGS PER TC-13.

INSTALLATION OF RECESSED REFLECTIVE PAVEMENT MARKERS:

LOCATION	SPACING
DOUBLE YELLOW CENTERLINE, & SKIP-DASH WHITE LANE LINES	
APPROACH & DEPARTURE FROM INTERSECTIONS & CURVES*	40'
* EQUAL TO LENGTH OF TURN BAY, OR 200'	
ALONG CURVES OR TAPERS	40'
TANGENT SECTIONS	80'
SOLID LANE LINES (TURN BAYS)	40'
END OF PAINTED MEDIANS	3 @ 3' LATERAL

LOCATION	TYPE
DOUBLE YELLOW CENTERLINE	2-WAY YELLOW
PAINTED MEDIANS ≤ 4' WIDE	2-WAY YELLOW
PAINTED MEDIANS >4' WIDE	1-WAY YELLOW
YELLOW LINE ALONG BARRIER MEDIANS	NONE **
** EXCEPT IN SPECIAL CIRCUMSTANCES	
SKIP-DASH WHITE LANE LINES, SOLID LANE LINES (TURN BAYS)	
2-WAY, UNDIVIDED ROADWAY	1-WAY WHITE
1-WAY ROADWAY, OR DIVIDED WITH BARRIER MEDIAN	2-WAY WHITE / RED

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DESIGNED — DWJ	REVISED — ___	
DRAWN — SMP	REVISED — ___	
CHECKED — TA	REVISED — ___	
DATE — 1-09-19	REVISED — ___	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

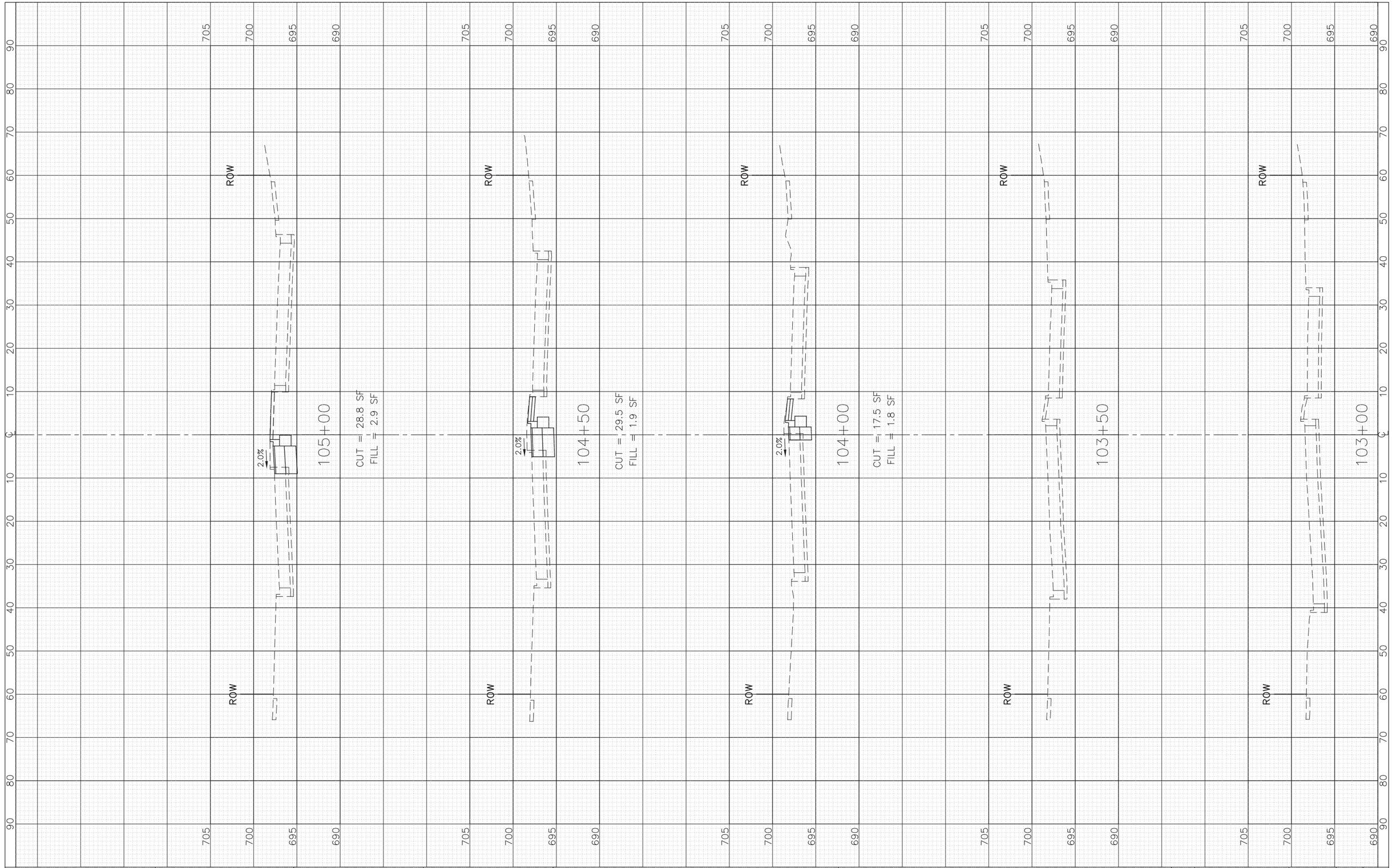
DuPAGE COUNTY STANDARD DETAILS
DIEHL ROAD

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	23
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

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

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



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	DRAWN — SMP	REVISED — ___
PLOT SCALE: 1"=10' HOR, 1"=5' VERT.	CHECKED — TA	REVISED — ___
PLOT DATE =	DATE — 1-09-19	REVISED — ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

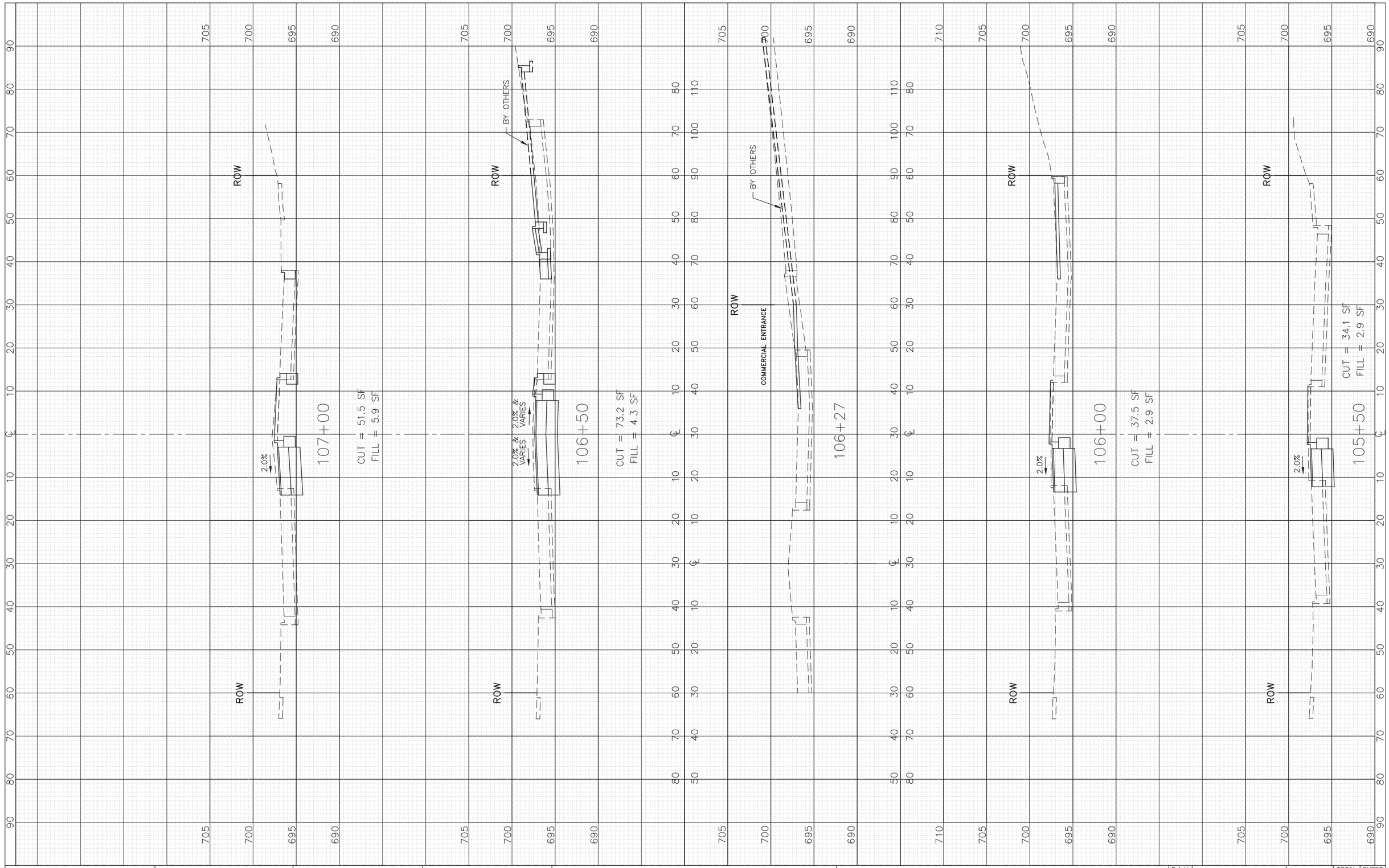
CROSS SECTIONS
DIEHL ROAD

1"=10' HOR.
SCALE:1"=5' VERT. | SHEET NO. OF SHEETS | STA. 103+00 TO STA. 105+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	24
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

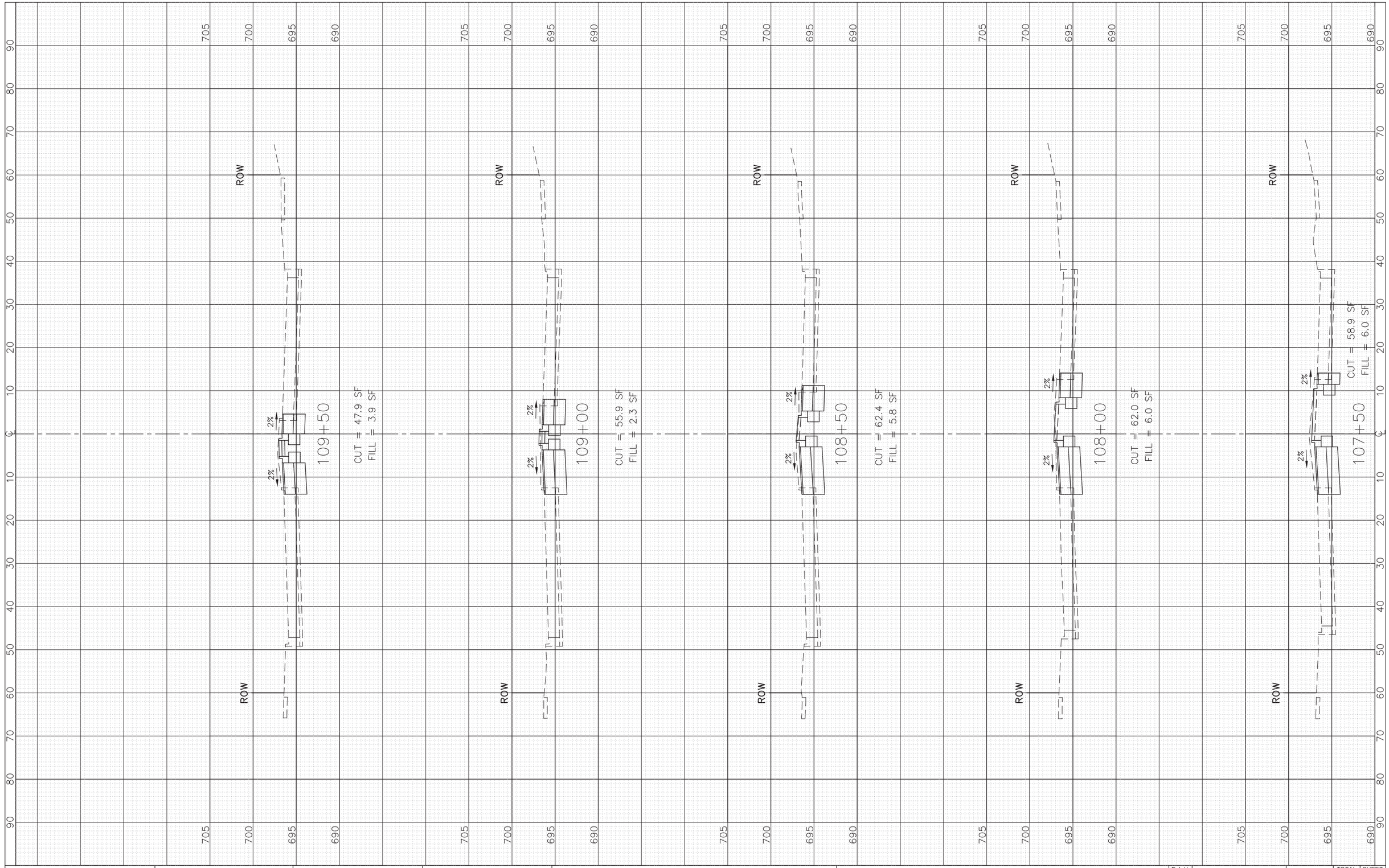
CROSS SECTIONS
DIEHL ROAD

1"=10' HOR.
SCALE:1"=5' VERT. | SHEET NO. OF SHEETS | STA. 105+50 TO STA. 107+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	25
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

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

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



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PLOT DATE =	DATE — 1-09-19	REVISED — ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

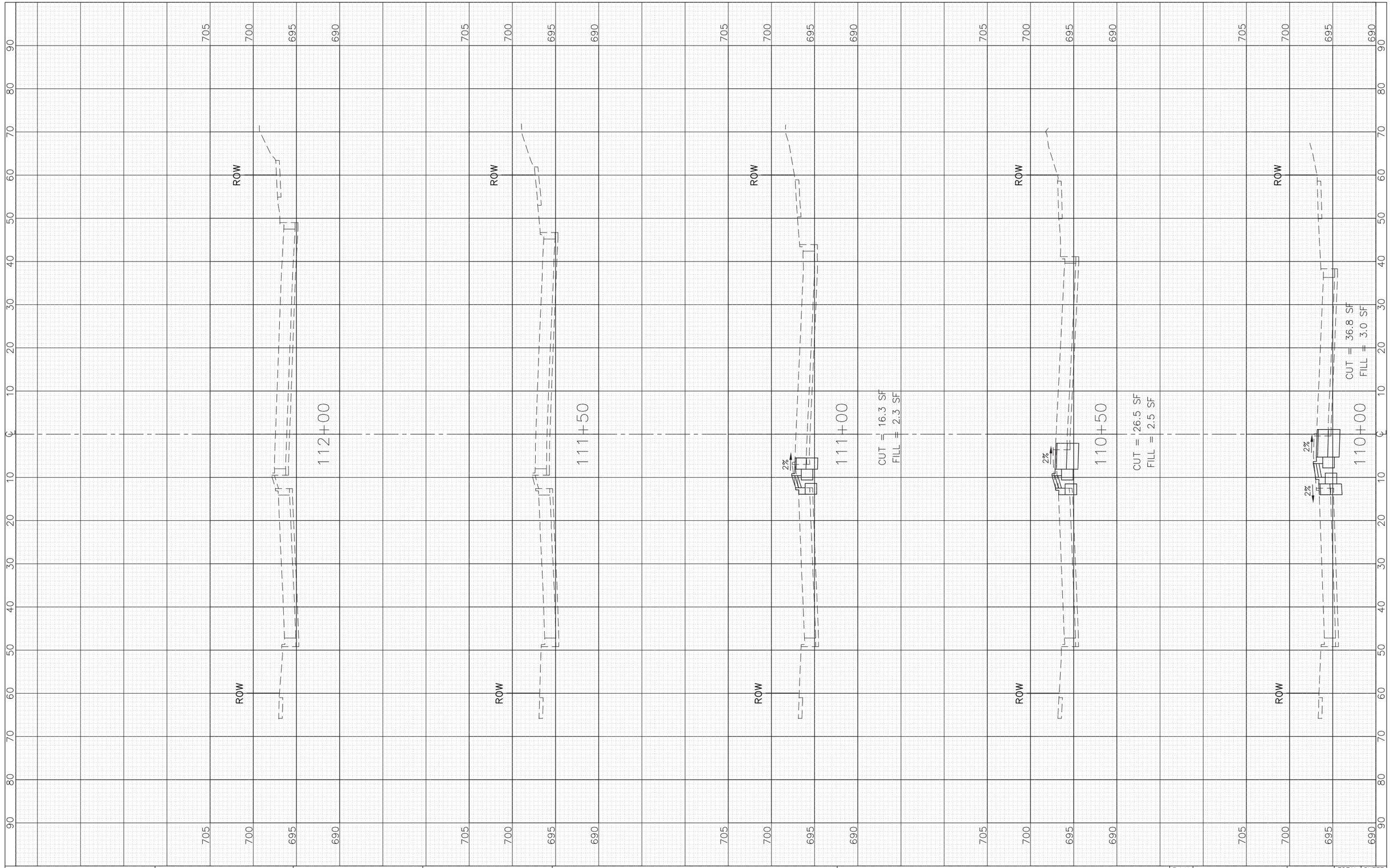
CROSS SECTIONS
DIEHL ROAD

1"=10' HOR.
SCALE:1"=5' VERT. | SHEET NO. OF SHEETS | STA. 107+50 TO STA. 109+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	DUPAGE	27	26
		CONTRACT NO. 61F52		
	ILLINOIS FED. AID PROJECT			

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
DIEHL ROAD

1"=10' HOR.
SCALE:1"=5' VERT. | SHEET NO. OF SHEETS | STA. 110+00 TO STA. 112+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	16-00035-00-CH	COOK	27	27
		CONTRACT NO. 61F52		
	ILLINOIS	FED. AID PROJECT		