

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	1
		ILLINOIS	CONTRACT NO.	

PROPOSED HIGHWAY PLANS

FAU ROUTE 6775 (FARMDALE ROAD)
SECTION 20-07111-00-RR
RESURFACING CONSTRUCTION
TAZEWELL COUNTY

DESIGN DESIGNATION

FARMDALE ROAD

MAJOR COLLECTOR
ADT = 3550 (2018)
PV = 95%
MU = 2%
SU = 3%

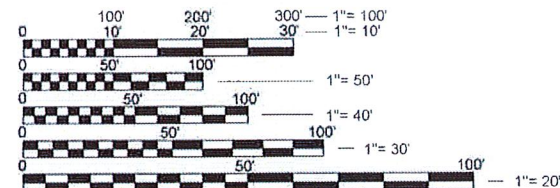
INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, JOB SPECIFIC NOTES, AND LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULE OF QUANTITIES
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7	MAINTENANCE OF TRAFFIC PLAN
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9	PLAN AND PROFILE
10	MISCELLANEOUS PROFILES
11-15	D4 STANDARDS
16-18	CROSS SECTIONS HIGHWAY STANDARDS

DRAWING SCALES

PLAN 1" = 20'

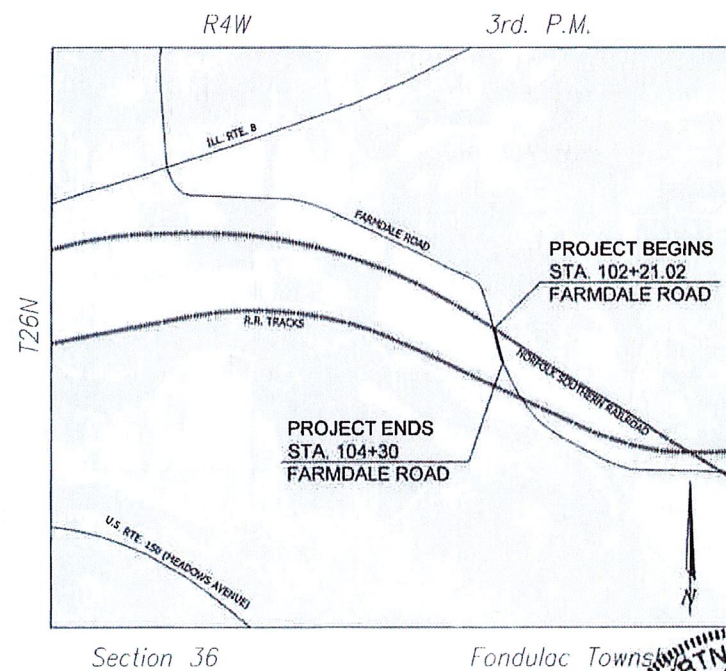
PROFILE HORIZONTAL: 1" = 20'



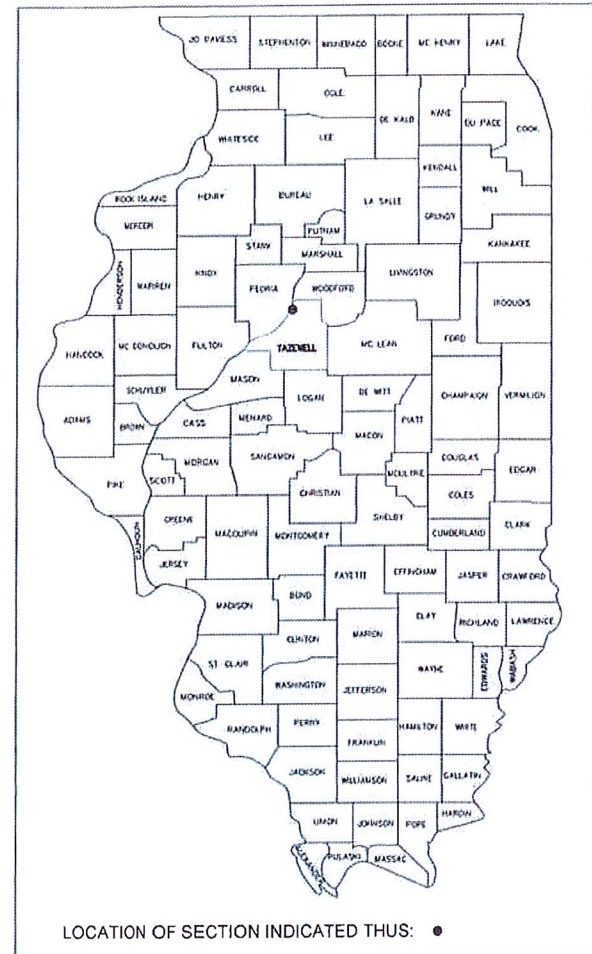
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CATALOG NO.
CONTRACT NO.



LOCATION MAP



LOCATION OF SECTION INDICATED THIS: ●



COURTNEY ALLYN
ILLINOIS REGISTERED PROFESSIONAL ENGINEER
No. 062-059074
EXPIRATION DATE 11/30/2027

2-23-26
DATE

APPROVED 5/18/2026
Dan Cunningham PE
FONDULAC TOWNSHIP

PASSED _____

AGREEMENT OF UNDERSTANDING
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS LENGTH = 209 FT. = 0.04 MILES
NET LENGTH = 209 FT. = 0.04 MILES

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
140 E. Washington Street
East Peoria, Illinois 61611
309.222.6600
www.fehrgraham.com

GENERAL NOTES

SOIL REPORT

NO SOILS REPORT WAS COMPLETED FOR THIS PROJECT.

AVAILABILITY OF ELECTRONIC FILES

ELECTRONIC FILES OF THIS PROJECT WILL NOT BE MADE AVAILABLE TO THE CONTRACTOR.

PLAN ELEVATIONS – U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION UNLESS ARRANGEMENTS FOR SHORT TERM CLOSURES ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS AND A COPY IS PROVIDED TO THE ENGINEER IN ADVANCE. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.09 EXCEPT THAT NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM – D4 P10101

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND FIVE WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

AGGREGATE SURFACE COURSE, TYPE B

AGGREGATE (SURFACE COURSE), TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACES THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

BITUMINOUS MATERIALS RATES

SURFACE TYPE	RESIDUAL RATE	APPLICATION RATE USED FOR QUANTITIES
PRIME COAT – MILLED (HMA OR PCC)	0.05 LB/SF	0.1 LB/SF
PRIME COAT – AGGREGATE BASE	0.25 LB/SF	0.5 LB/SF
TACK COAT – BETWEEN LIFTS	0.025 LB/SF	0.05 LB/SF

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE CSE, 3"	BSE CSE, VAR. DEPTH AND BSE CSE WIDENING, 6"
AC/PG	58-22 OR 64-22	58-28
DESIGN AIR VOIDS	4% @ N50	4% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0
(GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	C	N/A
QUALITY MANAGEMENT	QC/QA	QC/QA

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

THE DEPARTMENT RESERVES THE RIGHT AT ANY TIME TO ADD ADDITIONAL TRAFFIC CONTROL SYSTEMS OR DEVICES WITHIN THE ACTIVE CONTRACT LIMITS, BY MEANS OF AN ADDITIONAL CONTRACT. ALL TERMS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS SHALL BE FOLLOWED BY EACH CONTRACTOR.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES. ALL POST LOCATIONS SHALL BE VERIFIED BY THE ENGINEER, BEFORE INSTALLATION.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

RATES OF APPLICATION	
HOT-MIX ASPHALT MATERIALS	116 LB/SQ YD IN
BITUMINOUS MATERIALS	.004 TONS = 1 GAL
AGGREGATE MATERIALS	25 LBS/SQ YD 2.05 TON/CU YD

JOB SPECIFIC NOTES

1. A NEW RAIL CROSSING IS NOT INCLUDED AS PART OF THIS PROJECT.
2. THE MAIN POINT OF CONTACT FOR THE NORFOLK SOUTHERN RAILWAY IS MR. D. C. PARKER, ENGINEER PUBLIC IMPROVEMENTS ENGINEERING AT 404-529-1256. THE SPECIAL PROVISIONS INCLUDE THE NS SPECIAL PROVISIONS OF RAILWAY INTEREST, WHICH ANY EXCERPT OUTLINING THE INSURANCE REQUIREMENTS TO BE SUBMITTED TO THE ATTENTION OF SCOTT W. DICKERSON, MANAGER RISK MANAGEMENT, NORFOLK SOUTHERN CORPORATION, THREE COMMERCIAL PLACE, NORFOLK, VA 23510-2191. HIS CONTACT INFORMATION IS PHONE 757-629-2364. THE NORFOLK SOUTHERN PROVISION ARE INCLUDED AS REQUIREMENTS FOR THE CONTRACTOR.
3. MR. PARKER IS YOUR MAIN CONTACT AND CAN ASSIST IN CLARIFYING ANY PARTICULARS YOU HAVE ABOUT THE PROJECT'S SPONSOR AND ITS CONTRACTOR INTERACTIONS WITH NS AS THERE ARE MANY REQUIREMENTS IMPOSED FOR SAFETY REASONS. COORDINATE ALL WORK ON NORFOLK SOUTHERN RAILWAY RIGHT-OF-WAY WITH MR. PARKER INCLUDING NORFOLK SOUTHERN UTILITY LOCATIONS IN THE EVENT NORFOLK SOUTHERN UTILITIES ARE NOT PART OF THE J.U.L.I.E. SYSTEM.
4. PLEASE NOTE THAT NS DOES NOT ACCEPT INITIAL INSURANCE SUBMISSIONS VIA EMAIL OR FAXES. NS REQUIRES TWO (2) FORMS OF INSURANCE IN THE INITIAL INSURANCE SUBMISSION 1) THE ORIGINAL OR CERTIFIED TRUE COPY OF THE RAILROAD PROTECTIVE LIABILITY INSURANCE POLICY AND 2) THE CONTRACTOR'S COMMERCIAL GENERAL, AUTOMOBILE, AND WORKERS' COMPENSATION LIABILITY INSURANCE CERTIFICATE OF LIABILITY INSURANCE AS SUMMARIZED IN THE SPECIAL PROVISIONS. BOTH SHOULD BE SENT VIA US MAIL OR OVER NIGHT CARRIER UNDER COVER TO THE ATTENTION OF SCOTT W. DICKERSON AT THE ADDRESS SHOWN ABOVE WITH COVER SHEET PROVIDING DETAILS OF THE PROJECT AND CONTACT INFORMATION
5. THESE ARE NOT NEW REQUIREMENTS AND HAVE BEEN IN PLACE FOR DECADES BY NS. NO EMAIL SUBMISSIONS PERMISSIBLE AS SUCH EMAILS CREATE THE PERCEPTION OF AN INSURANCE SUBMISSION THAT REQUIRES A RESPONSE FROM NS WHICH IS FALSE. NS DOES NOT COUNT EMAILED SUBMISSIONS REGARDING RESPONSE ONLY HARD, PHYSICAL COPIES WARRANT A RESPONSE AS TO INSURANCE VALIDITY/ACCEPTABILITY. THIS HAS BEEN A LONG STANDING NS CORPORATE WIDE POLICY.
6. AS FOR THE INSURANCE, TO SUMMARIZE, NS REQUIRES THE FULL ORIGINAL OR CERTIFIED TRUE COPY OF THE COUNTERSIGNED RAILROAD PROTECTIVE POLICY TO BE SUBMITTED TO SCOTT W. DICKERSON AT THE ADDRESS SHOWN ABOVE. IN ADDITION TO THE RAILROAD PROTECTIVE LIABILITY INSURANCE NS ALSO REQUIRES UNDER THE AGREEMENT TO BE SUBMIT ALONG WITH THE RAILROAD PROTECTIVE LIABILITY INSURANCE A CERTIFICATE OF LIABILITY INSURANCE OF THE GENERAL AND AUTOMOBILE LIABILITY INSURANCE AS OUTLINED BELOW EVIDENCING A COMBINED SINGLE LIMIT OF A MINIMUM OF \$2M PER OCCURRENCE OF GENERAL AND \$1M PER OCCURRENCE OF AUTOMOBILE LIABILITY INSURANCE NAMING NORFOLK SOUTHERN RAILWAY COMPANY, THREE COMMERCIAL PLACE, NORFOLK, VA 23510 AS THE CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED ON BOTH THE GENERAL AND AUTOMOBILE LIABILITY INSURANCE POLICY.
7. IN ADDITION TO PROVIDING THE FULL ORIGINAL COUNTERSIGNED RAILROAD PROTECTIVE POLICY, PLEASE PROVIDE THE FOLLOWING TO COMPLY ON THE INSURANCE WITHOUT EXCEPTION.
 - 7.1. A CERTIFICATE OF LIABILITY INSURANCE THAT EVIDENCES COMBINED SINGLE LIMIT MINIMUM OF \$2,000,000 PER OCCURRENCE OF GENERAL LIABILITY (NOTE THIS MAY BE ACHIEVED VIA AN EXCESS OR UMBRELLA POLICY),
 - 7.2. \$1,000,000 COMBINED SINGLE LIMIT OF AUTO LIABILITY (NOTE THIS MAY BE ACHIEVED VIA AN EXCESS OR UMBRELLA POLICY),
 - 7.3. STATUTORY LIMITS ON WORKERS' COMPENSATION INSURANCE.
 - 7.4. THE CERTIFICATE OF LIABILITY INSURANCE MUST NAME NORFOLK SOUTHERN RAILWAY COMPANY, THREE COMMERCIAL PLACE, NORFOLK, VA 23510-2191 AS THE CERTIFICATE HOLDER,
 - 7.5. THE CERTIFICATE OF LIABILITY INSURANCE MUST NAME THE CERTIFICATE HOLDER AS AN ADDITIONAL INSURED ON THE GENERAL AND AUTOMOBILE LIABILITY POLICY.
8. PLEASE NOTE NS DOES NOT ACCEPT NOTATION OF RAILROAD PROTECTIVE INSURANCE ON A CERTIFICATE OF LIABILITY INSURANCE FORM OR BINDERS AS NS MUST HAVE THE FULL ORIGINAL COUNTERSIGNED POLICY. NS UNDERSTANDS THAT THIS CAN TYPICALLY TAKE A MINIMUM OF 30-45 DAYS TO RECEIVE FOR REVIEW. PLEASE ALSO NOTE THAT MERE RECEIPT IS NOT THE ONLY ISSUE BUT REVIEW FOR COMPLIANCE, WHICH NS HAS 10 BUSINESS DAYS FROM RECEIPT TO RESPOND.

LIST OF DISTRICT 4 STANDARDS

- 406101-D4 BUTT JOINTS (3 SHEETS)
- 780001-D4 TYPICAL PAVEMENT MARKINGS (2 SHEETS)

LIST OF HIGHWAY STANDARDS

- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701901-11 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON RURAL LOCAL HIGHWAYS

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	PAID FILE NAME	

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

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USER NAME = Naila Mahaveen	DESIGNED – CSA	REVISED – _____
	DRAWN – FUH	REVISED – _____
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PLOT DATE = 2/23/2026 10:28 AM	DATE – 09/17/2021	REVISED – _____

**FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION**

**GENERAL NOTES, JOB SPECIFIC NOTES
AND LIST OF STANDARDS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	2
FED. PROJECT NO.			CONTRACT NO.	
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATIONS CHKD	
	CAD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATIONS CHKD	
	CAD FILE NAME	

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SUMMARY OF QUANTITIES				
SPECIAL PROVISION	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY
	20200100	EARTH EXCAVATION	CU YD	10
	20400800	FURNISHED EXCAVATION	CU YD	50
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	350
	25000210	SEEDING, CLASS 2A	ACRE	0.25
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	7
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	7
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	7
	25100115	MULCH, METHOD 2	ACRE	0.25
	28000400	PERIMETER EROSION BARRIER	FOOT	481
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	87
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	596
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	596
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	50
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	89
	67100100	MOBILIZATION	LSUM	1
*	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	35
	72000100	SIGN PANEL - TYPE 1	SQ FT	5
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	15
*	X3550015	HOT-MIX ASPHALT BASE COURSE, (VARIABLE DEPTH)	TON	79

SUMMARY OF QUANTITIES				
SPECIAL PROVISION	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY
	X4020700	AGGREGATE SURFACE COURSE, TYPE B 8"	SQ YD	176
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	178
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1
*	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1



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FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION

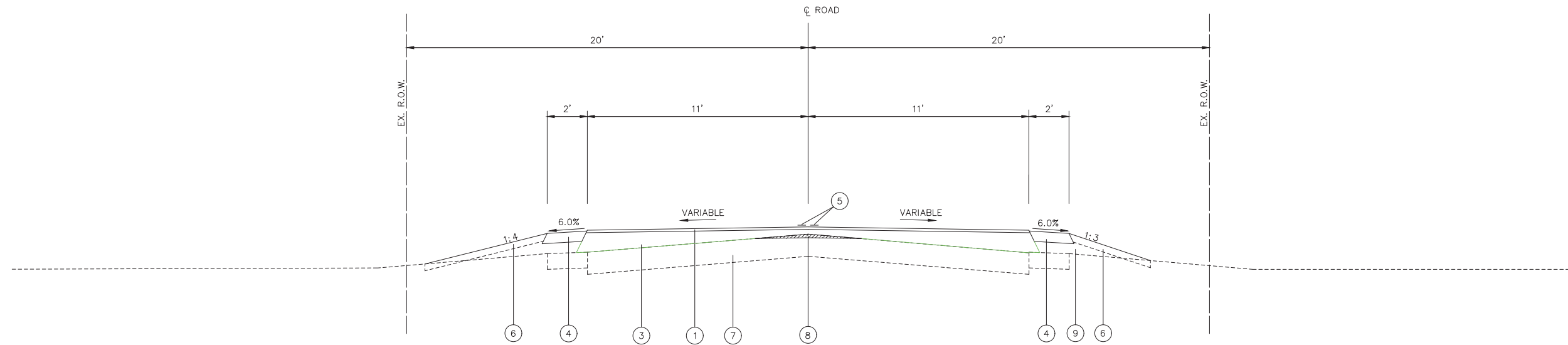
SUMMARY OF QUANTITIES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	3
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TYPICAL SECTION - FARMDALE ROAD

PROPOSED ITEMS

- ① HMA SURFACE COURSE, IL-9.5 MIX C, N50, (3")
- ② NOT USED
- ③ HMA BASE COURSE, (VARIABLE DEPTH)
- ④ AGGREGATE SHOULDERS, TY. B 6"
- ⑤ DOUBLE YELLOW PAVEMENT MARKING, 4"
- ⑥ TOPSOIL FURNISH & PLACE, 4"
- ⑦ EXISTING TO REMAIN
- ⑧ HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑨ FURNISHED EXCAVATION

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FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION

TYPICAL SECTION	
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	4
FED. PROJECT NO.		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	GRADES CHECKED	
	PLANNING	
	STRUCTURE	
	NOTATMS CHKD	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	PLANNING	
	STRUCTURE	
	NOTATMS CHKD	
	NO.	

EARTHWORK SCHEDULE		EARTH EXCAVATION 1	FURNISHED EXCAVATION 2,3
LOCATION		CU YD	CU YD
PROJECT		10.0	50.0
SUBTOTAL		10.0	50.0
TOTAL		10	50

NOTES:

- EARTH EXCAVATION QUANTITIES INCLUDES ALL EXCAVATED MATERIAL.
- PRESUMES ALL EXCAVATED MATERIAL IS TOPSOIL OR UNSUITABLE
- A SHRINKAGE OF 20% HAS BEEN USED FOR MATERIAL AS NOTED.

SIGNING SCHEDULE		SIGN PANEL- TYPE 1	TELESCOPING STEEL SIGN SUPPORT
LOCATION		SQ FT	FOOT
FARMDALE	LT	5.0	14.5
FARMDALE	RT		
SUBTOTAL		5.0	14.5
TOTAL		5	15

REMOVAL SCHEDULE	REMOVE SIGN PANEL ASSEMBLY - TYPE A	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
LOCATION	EACH	SQ YD
PROJECT	1	178.0
SUBTOTAL		178.0
TOTAL		178

HMA PAVEMENT SCHEDULE	AGGREGATE BASE COURSE, TYPE B	BITUMINOUS MATERIAL (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	BITUMINOUS MATERIAL (TACK COAT)	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT BASE COURSE, (VARIABLE DEPTH)	AGGREGATE SURFACE COURSE, TYPE B, 8"
LOCATION	TON	POUND	TON	POUND	SQ YD	TON	SQ YD
FARMDALE LT		284.0	23.8	284.0	47.0		116.0
FARMDALE ENT	86.1					79.0	
FARMDALE RT		312.0	26.2	312.0	41.5		60.0
SUBTOTAL		86.1	596.0	50.0	88.5	79.0	176.0
TOTAL		87	596	50	89	79	176

TOPSOIL, SEEDING AND EROSION CONTROL SCHEDULE	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	PERIMETER EROSION BARRIER
LOCATION	SQ YD	ACRE	POUND	POUND	POUND	ACRE	FOOT
FARMDALE LT	136.0	0.03	2.5	2.5	2.5	0.03	204.4
FARMDALE RT	214.0	0.04	4.0	4.0	4.0	0.04	275.8
SUBTOTAL		350.0	6.5	6.5	6.5	0.07	480.1
TOTAL		350	7	7	7	0.25	481

QUANTITIES NOT OTHERWISE SCHEDULED	MOBILIZATION	CHANGEABLE MESSAGE SIGN (LOCATION 1)	CHANGEABLE MESSAGE SIGN (LOCATION 2)	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	CONSTRUCTION LAYOUT	RAILROAD PROTECTIVE LIABILITY INSURANCE
LOCATION	L SUM	CAL DA	CAL DA	L SUM	L SUM	L SUM
PROJECT	1	27	27	1	1	1
TOTAL	1	35	35	1	1	1



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	DRAWN -- FUH	REVISED --
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FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

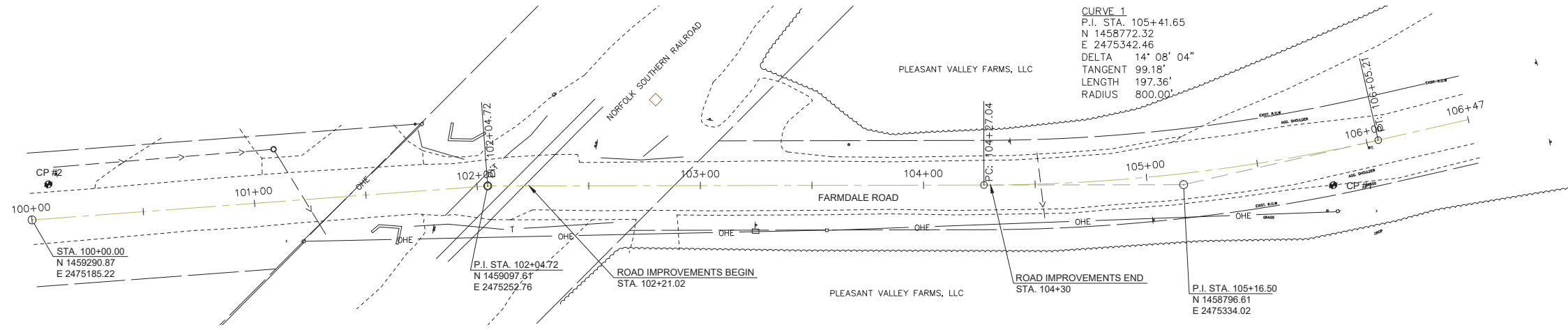
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

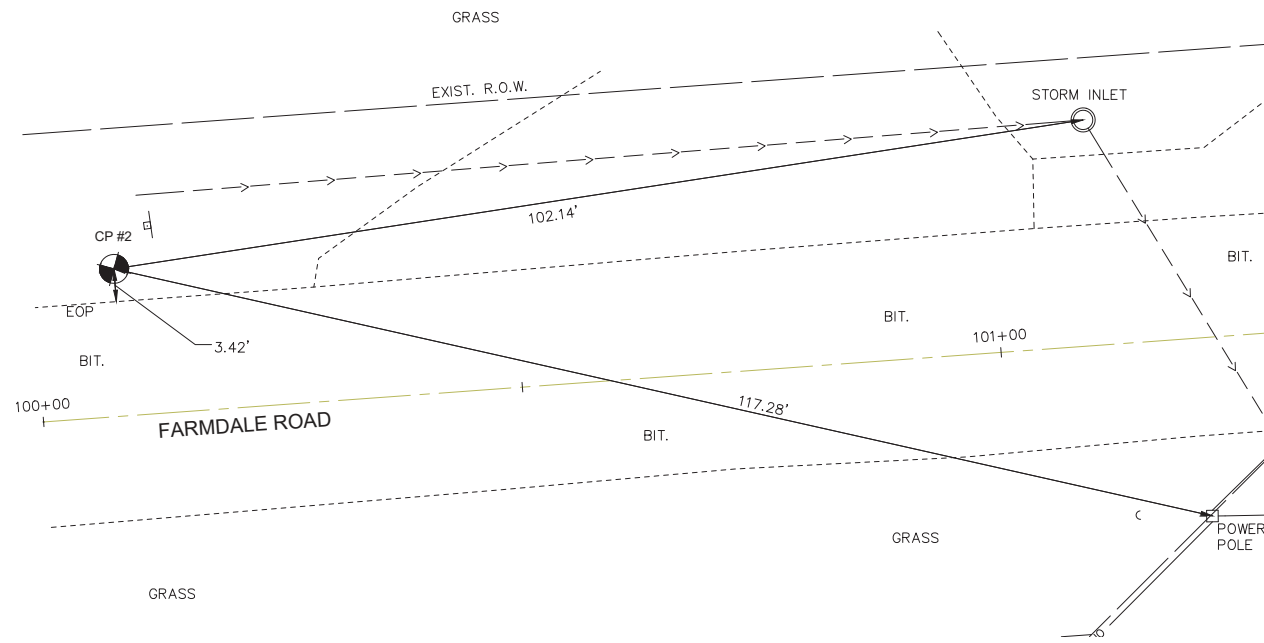
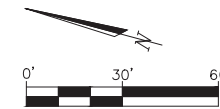
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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FARMDALE ROAD ALIGNMENT

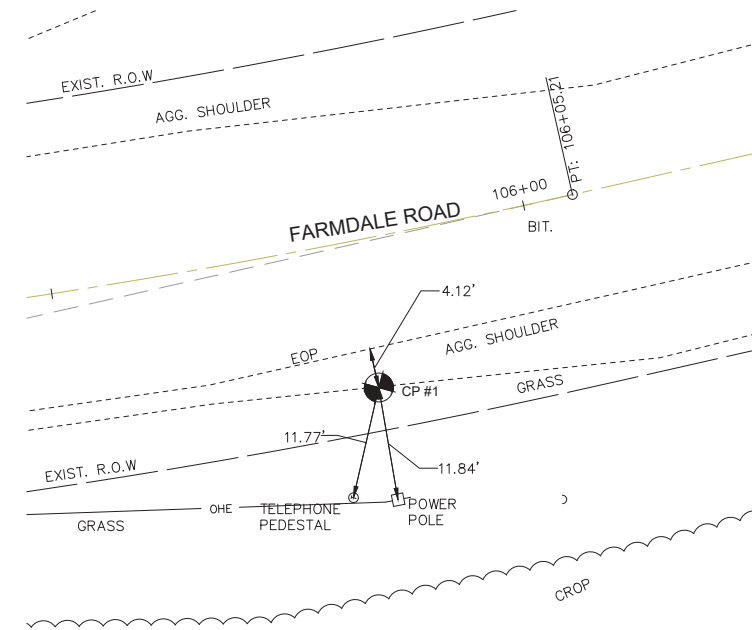
SCALE: 1" = 30'



CONTROL POINT #2

SCALE: 1" = 10'

CP #2
N 1459287.95
E 2475202.51
STA. 100+08.46, 15.36' LT
ELEV. = 517.36
1/2" IRON ROD W/ ORANGE CAP



CONTROL POINT #1

SCALE: 1" = 10'

CP #1
N 1458731.77
E 2475351.17
STA. 105+81.69, 14.80' RT
ELEV. = 514.88
1/2" IRON ROD W/ ORANGE CAP

THE SURVEY CONTROL PROVIDED IN THESE CONSTRUCTION PLANS WAS SET FOR THE PURPOSE OF TOPOGRAPHICAL SURVEYING FOR THE DESIGN OF THIS SITE. AT THE TIME THE SURVEY WORK WAS COMPLETED, THESE CONTROL POINTS WERE FOUND TO BE CORRECT AND SUFFICIENT CONTROL HAS BEEN PROVIDED FOR THE PURPOSE OF CONSTRUCTION LAYOUT USING CONVENTIONAL CONSTRUCTION LAYOUT METHODS. DUE TO CIRCUMSTANCES BEYOND THE CONTROL OF THE SURVEYOR AND ENGINEER, THE CONTROL PROVIDED MAY BE DISTURBED AFTER FIELD WORK HAS BEEN COMPLETED AND PRIOR TO THE START OF CONSTRUCTION. THE CONTROL, AS PROVIDED, NEEDS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY CONSTRUCTION. IF, UPON VERIFYING THE CONTROL, THE CONTRACTOR FINDS THAT THE CONTROL PROVIDED IN THE PLANS IS MISSING, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION. IF THE CONTROL IS RECOVERED AND DISCREPANCIES ARE FOUND WITH THE CONTROL, THEY WILL NEED TO BE DISCLOSED PRIOR TO ITS USE FOR CONSTRUCTION. IF THE CONTRACTOR INTENDS TO USE ALTERNATIVE METHODS, OTHER THAN CONVENTIONAL CONSTRUCTION LAYOUT METHODS, OR FINDS THAT ADDITIONAL CONTROL IS NECESSARY, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH ANY ADDITIONAL CONTROL NECESSARY.



USER NAME = Naila Mahaveen	DESIGNED -- CSA	REVISED --
	DRAWN -- FUH	REVISED --
PLOT SCALE =	CHECKED -- DLH	REVISED --
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**FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION**

ROADWAY ALIGNMENT, TIES, AND BENCHMARKS

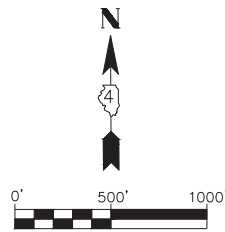
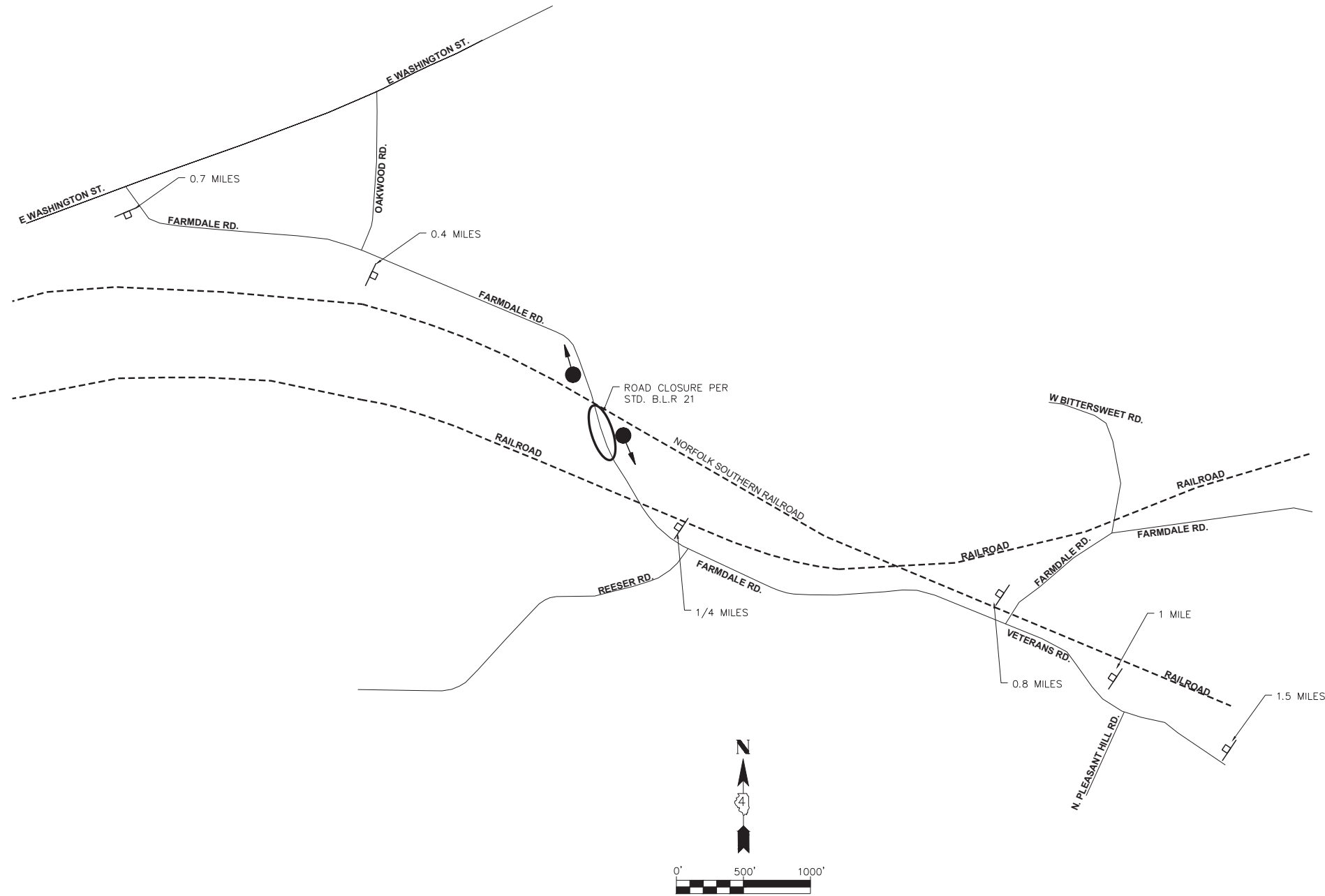
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	6
FED. PROJECT NO.		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	AT WORKMAN'S BOARD	
	CAD FILE NAME	

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

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LEGEND:

● MESSAGE BOARD WITH DIRECTION OF TRAFFIC (TWO LOCATIONS)



* APPROXIMATE DISTANCE SHOWN ON PLAN, MAY BE REVISED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL NOTES:

1. SEE HIGHWAY STANDARD BLR-21 FOR ADDITIONAL DETAILS NOT SHOWN.
2. ADDITIONAL SIGNING AND /OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
3. ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE TRAFFIC CONTROL PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.



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FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION

MAINTENANCE OF TRAFFIC PLAN

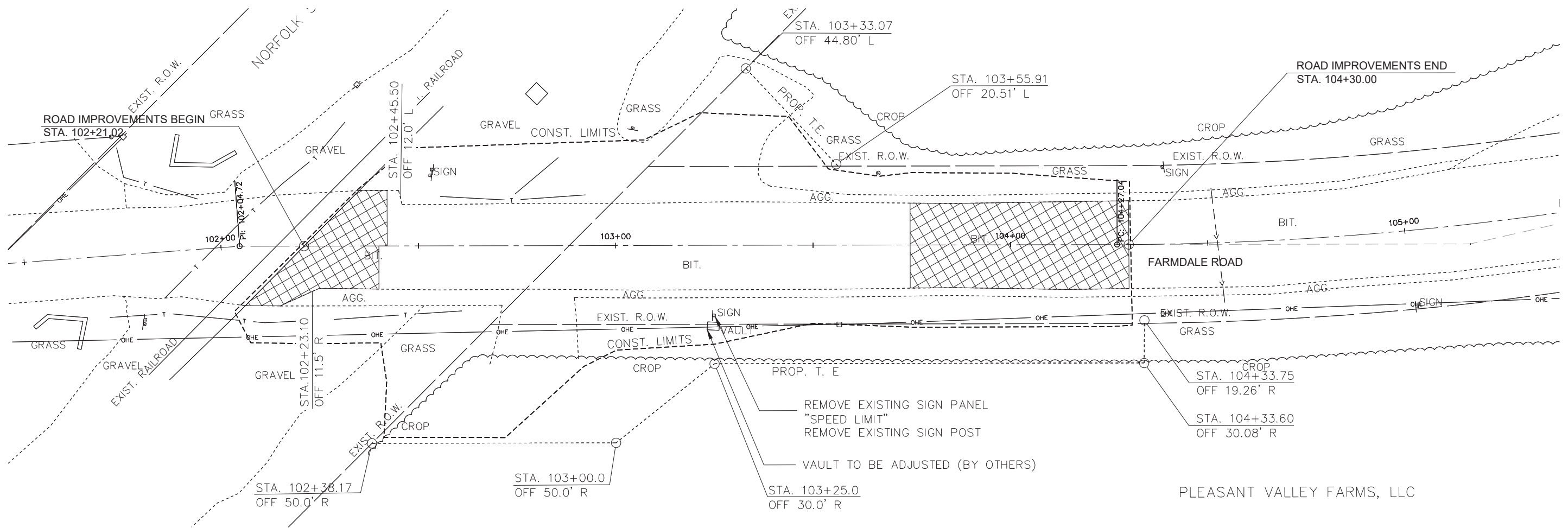
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. PROJECT NO.		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	BY	
	DATE	

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REMOVAL, T.E. AND EROSION CONTROL PLAN
SCALE: 1" = 20'

LEGEND



PAVEMENT SURFACE REMOVAL, VARIABLE DEPTH

NOTES

- PERIMETER EROSION BARRIER SHALL BE INSTALLED AT CONSTRUCTION LIMITS.



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PLOT DATE = 2/23/2026 10:28 AM	DATE - 09/17/2021	REVISED -

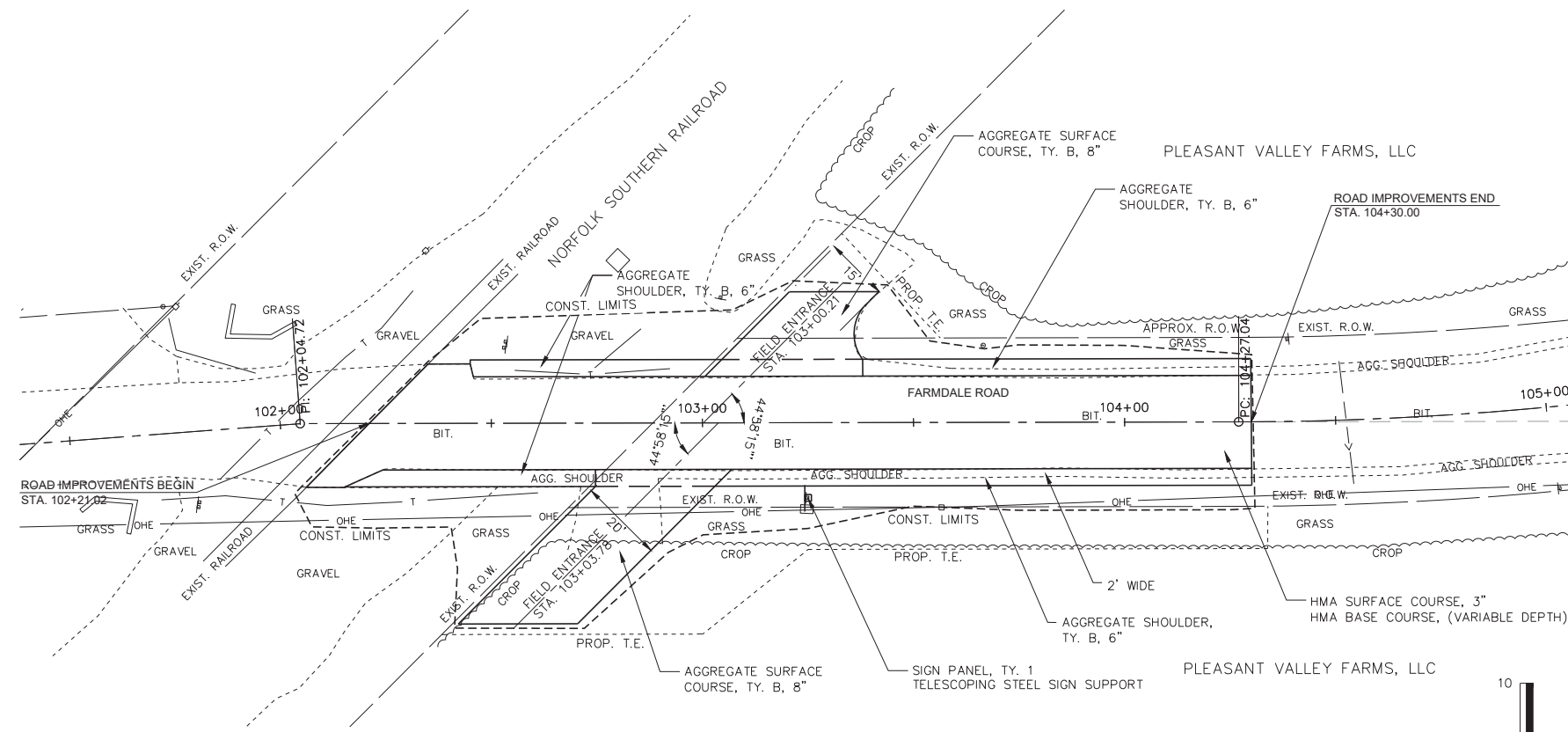
FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION

REMOVAL, T.E. AND EROSION CONTROL PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

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

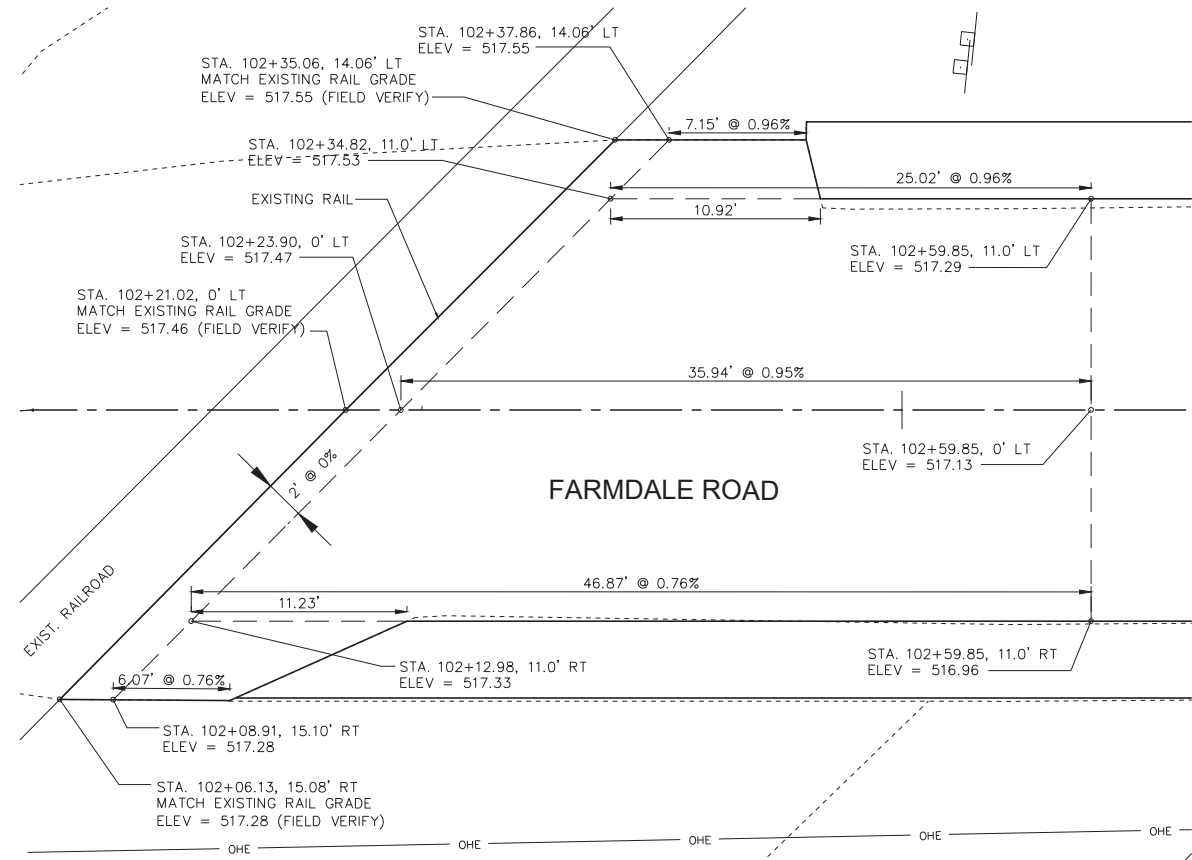
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	GRADES CHECKED	
	ALIGNED	
	STRUCTURE	
	NOTATMS CHKD	
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	ALIGNED	
	STRUCTURE	
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	NO.	



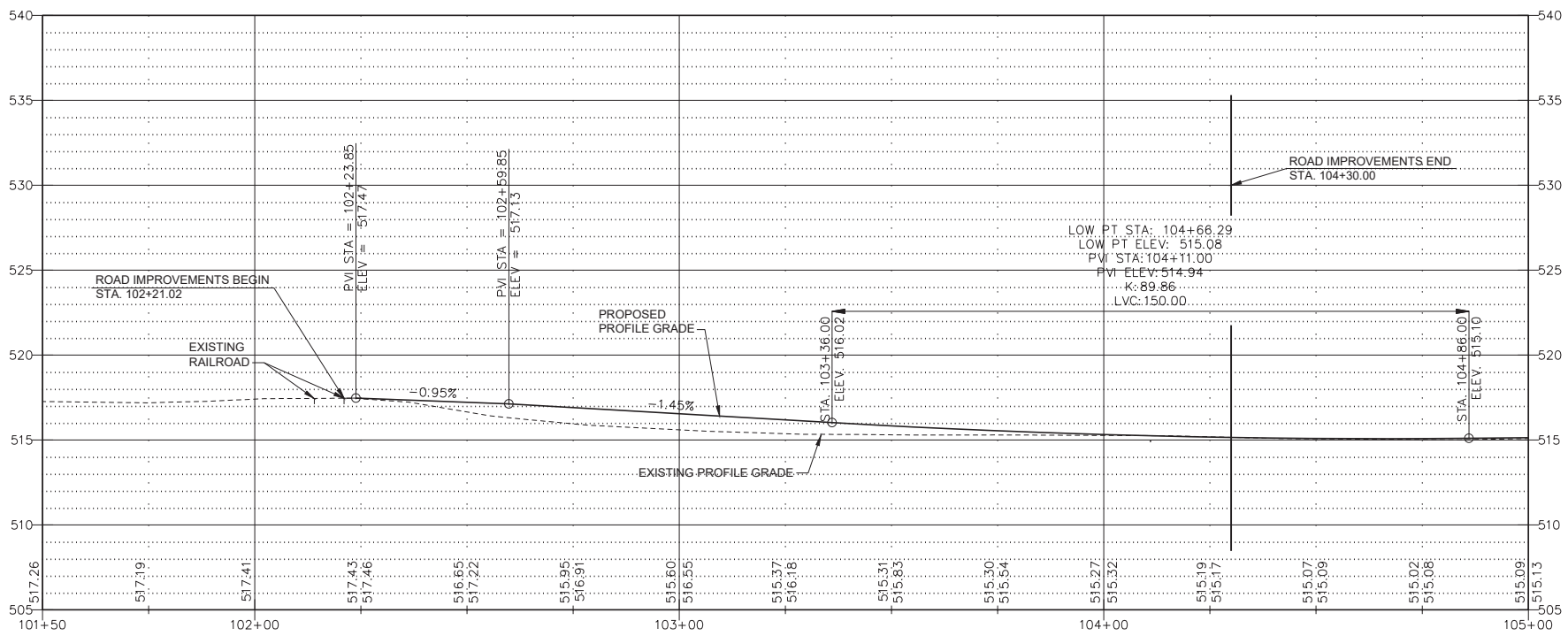
FARMDALE ROAD PLAN

SCALE: 1" = 20'



GRADING DETAIL

SCALE: 1" = 5'



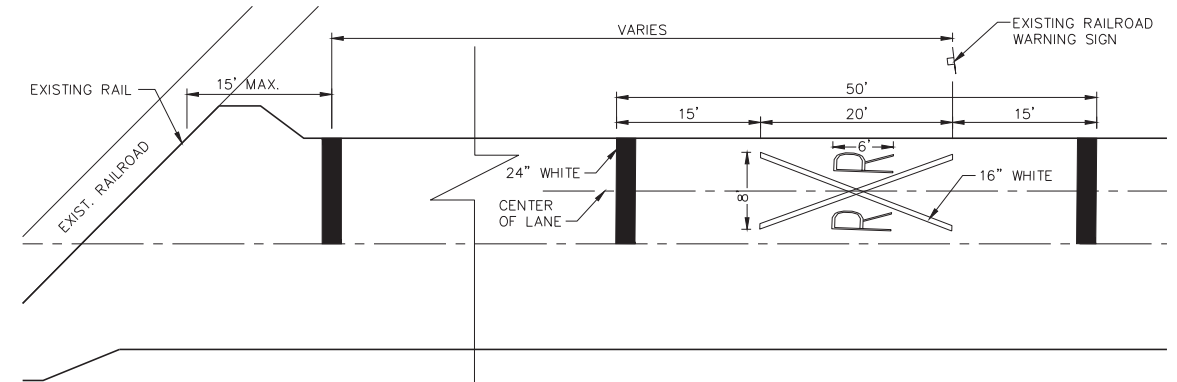
PROFILE

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



NOTE:

1. PROFILE SLOPES AND CROSS SLOPES HAVE BEEN DESIGNED TO MEET RAILROAD APPROACH REQUIREMENTS. NO CHANGES SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
2. THE FIELD ENTRANCE AT STA. 103+03.78 RT. SHALL NOT EXCEED 15% SLOPE.



RAILROAD CROSSING PAVEMENT MARKINGS (BY OTHERS)

SCALE: 1" = 10'

NOTES:

1. RAILROAD CROSSING MARKINGS SHOWN ARE TYPICAL. PAVEMENT MARKINGS TO BE COMPLETED ON BOTH APPROACHES.
2. PAVEMENT MARKINGS ARE TO BE COMPLETED BY OTHERS.



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**FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION**

**FARMDALE ROAD
PLAN AND PROFILE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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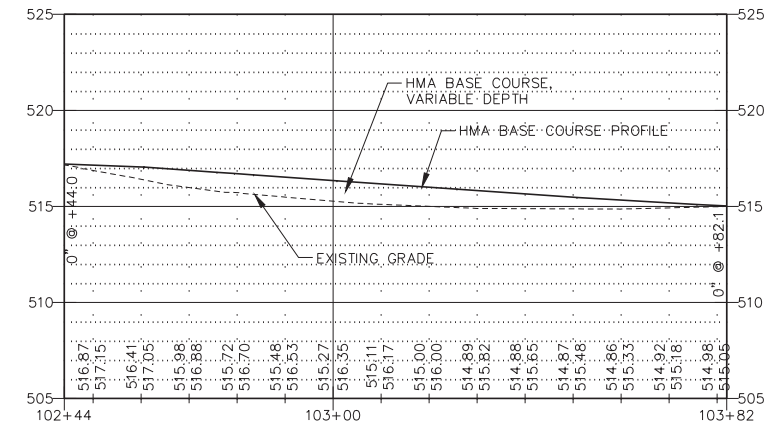
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. PROJECT NO.		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	CAAD FILE NAME		
NOTE BOOK NO.			

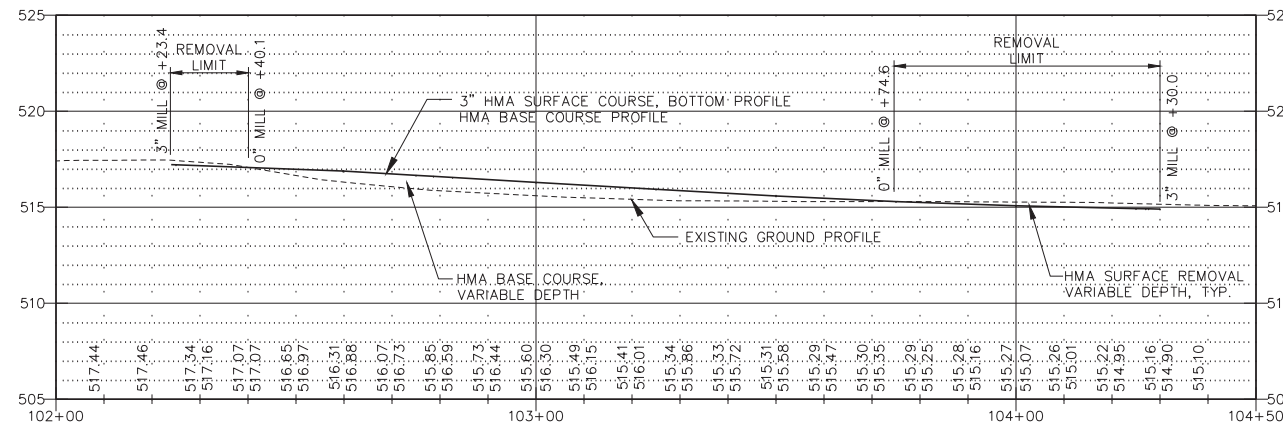
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	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATMS CHKD		
NOTE BOOK NO.			

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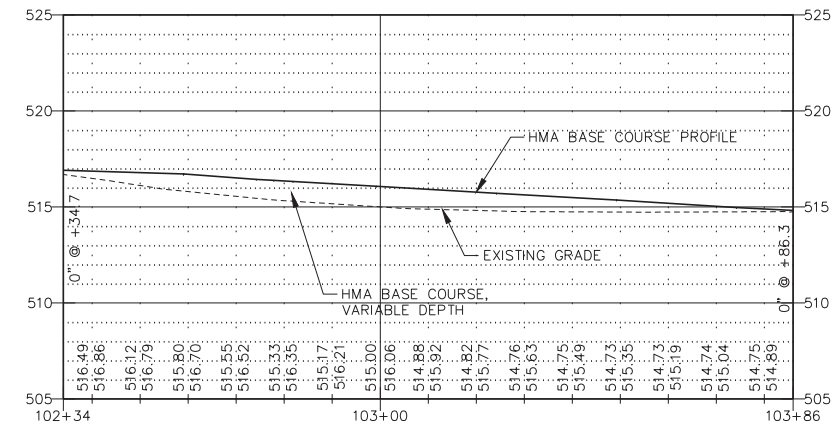
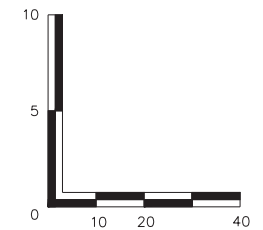
HMA BASE COURSE DEPTH PROFILE @ 11' OFFSET LEFT

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



HMA SURFACE REMOVAL VARIABLE DEPTH & HMA BASE COURSE DEPTH CENTERLINE PROFILE

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



HMA BASE COURSE DEPTH PROFILE @ 11' OFFSET RIGHT

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'



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FONDULAC TOWNSHIP
FARMDALE ROAD RESURFACING CONSTRUCTION

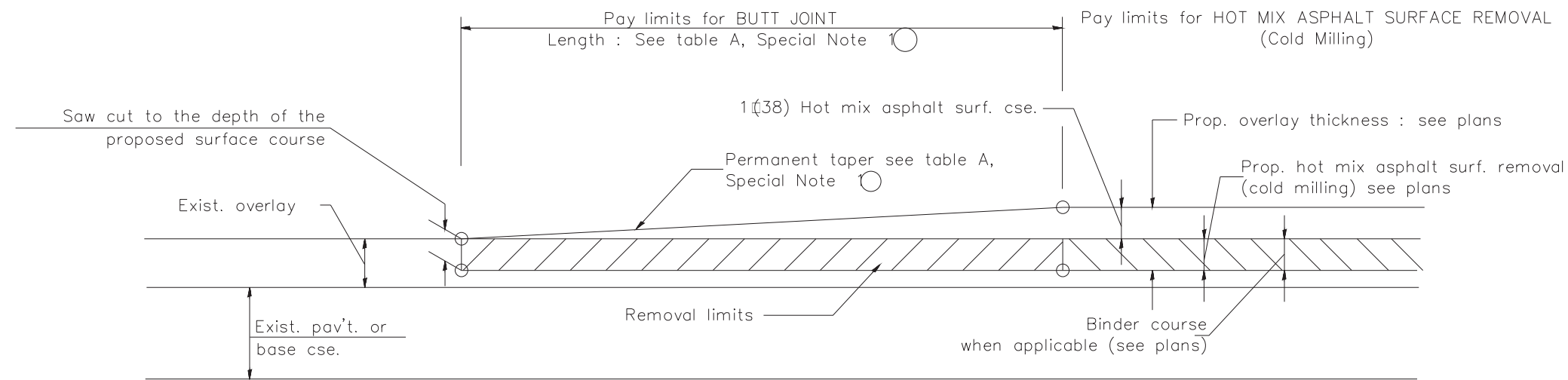
FARMDALE ROAD
MISCELLANEOUS PROFILES

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	10
FED. PROJECT NO.		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	NOTATMS CHKD	
	NO.	



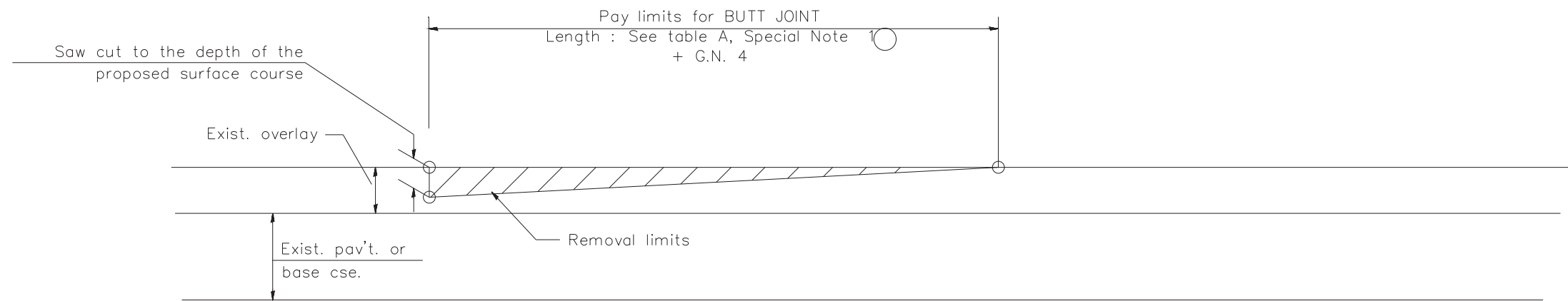
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
TAPER RATES

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

01-01-97	RENUM._C-23.01._NEW_REVISION_BOX	J.P.	08-21-13	MAJOR_MODIFICATIONS	R.D.
04-01-97	CORRECTION_TO_DEPTH	J.A.	04-12-16	MINOR_CORRECTIONS	R.D.
09-15-05	REVISED_DESIGNER_NOTE	M.M.A.	02-14-17	ADDED_NOTE_5	R.D.
10-16-06	REVISED_TO_2007_SPEC.	M.A.	07-16-19	Wording_and_Spelling_corrections	R.D.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

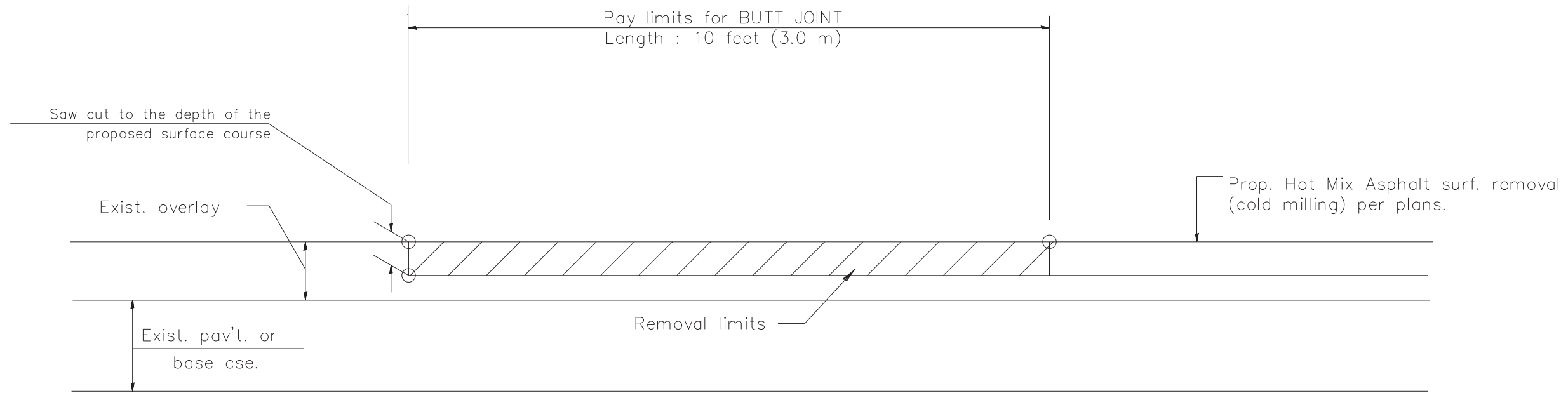
BUTT JOINTS

NOT TO SCALE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			18	11
SHT. 1 OF 3			CONTRACT NO.	
CAD STD. 406101-100 ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	NOTATIONS CHKD		



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

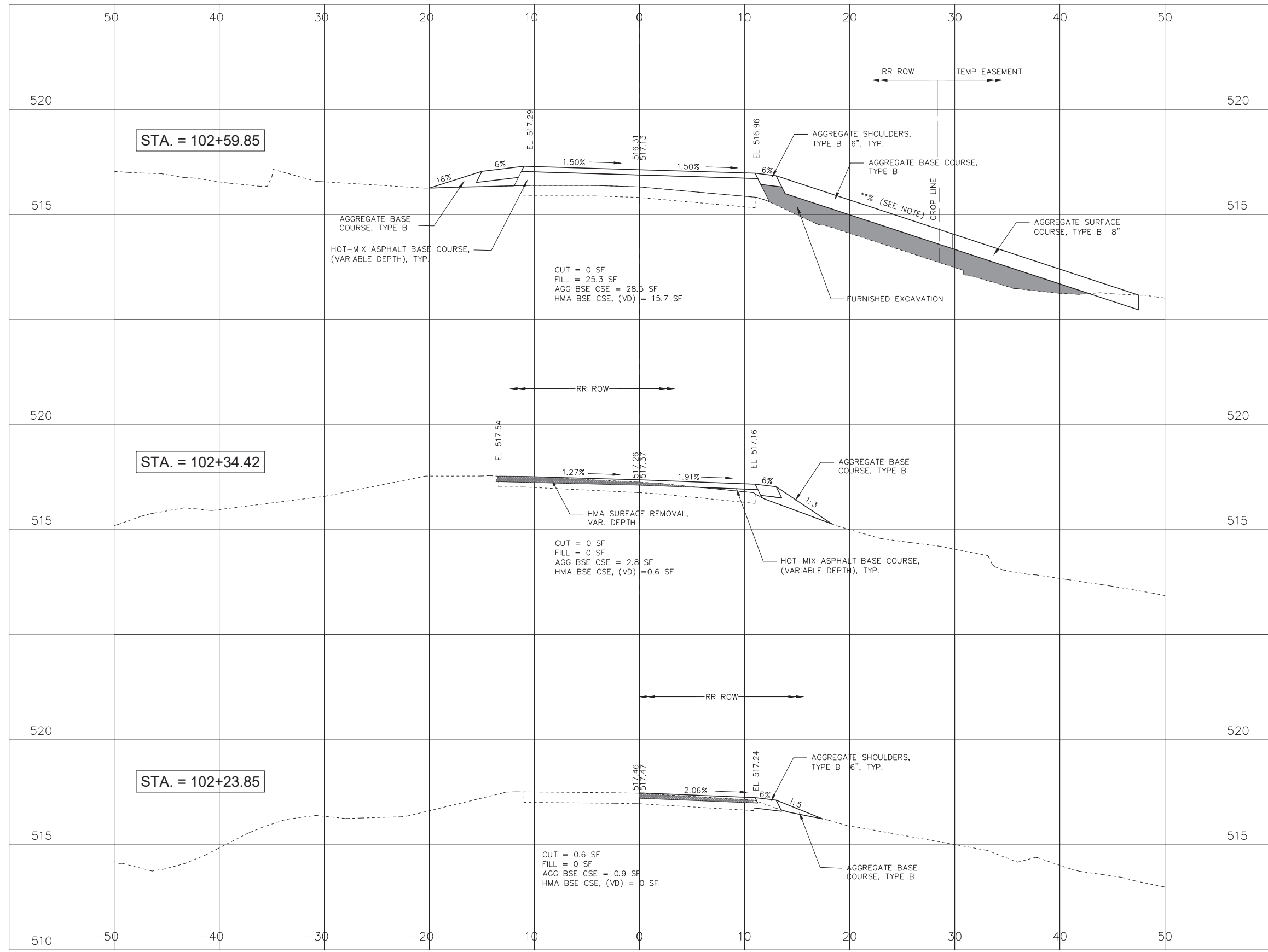
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CONTRACT NO.				

SHT. 3 OF 3
CAD STD. 406101-110 ILLINOIS FED. AID PROJECT

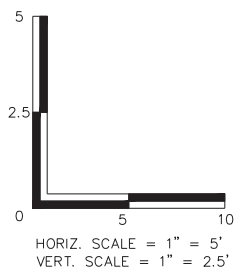
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 CHECKED
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 CHECKED
 RT OF WAY
 CAAD FILE NAME

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NOTE:
 ** THE FIELD ENTRANCE AT STA. 103+03.78 RT. SHALL NOT EXCEED 15% SLOPE.



USER NAME = Naila Mahaveen	DESIGNED - CSA	REVISED -
	DRAWN - FUH	REVISED -
	CHECKED - DLH	REVISED -
	DATE - 09/17/2021	REVISED -

FONDULAC TOWNSHIP
 FARMDALE ROAD RESURFACING CONSTRUCTION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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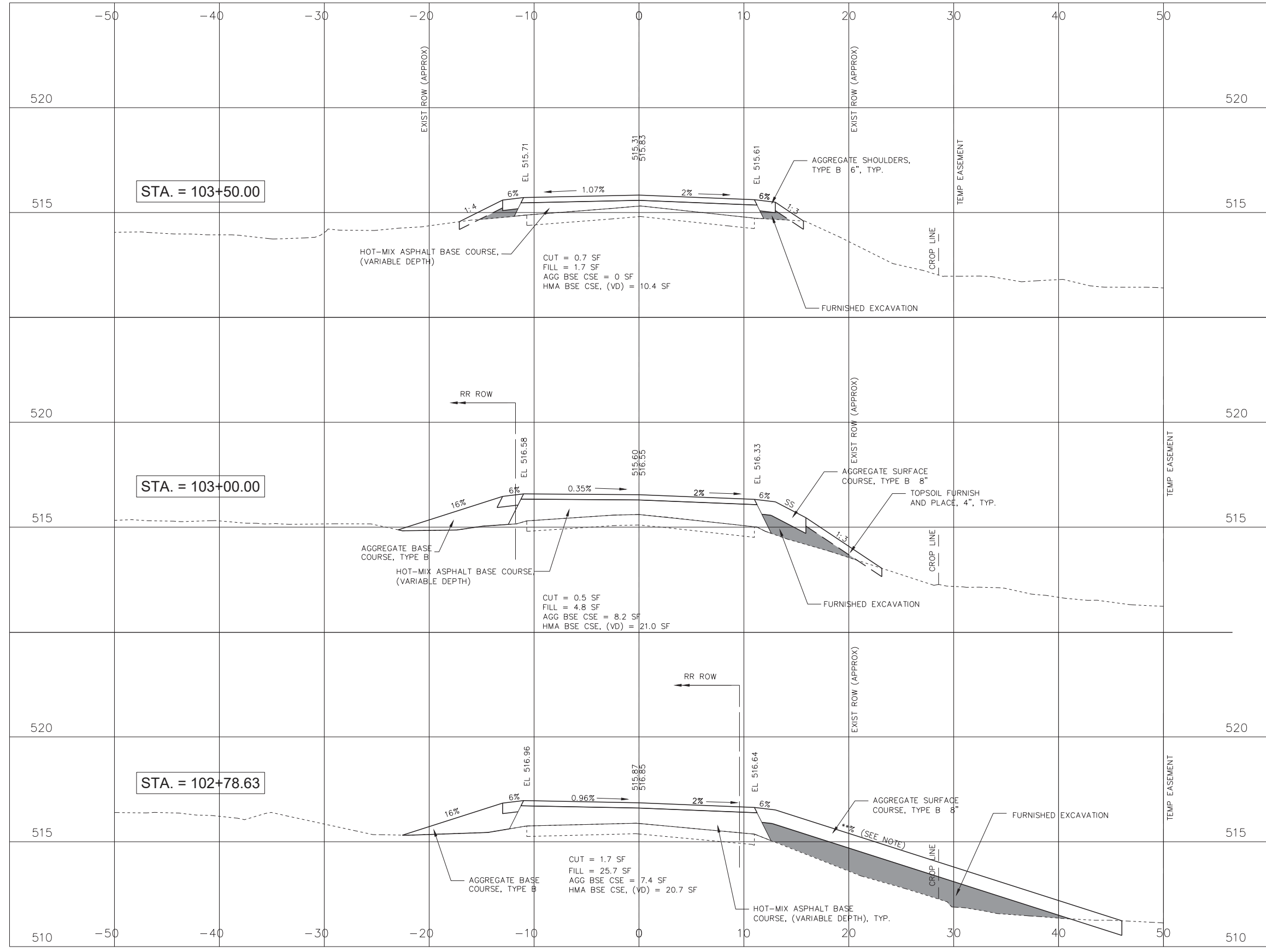
FARMDALE ROAD
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	16
FED. PROJECT NO.		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

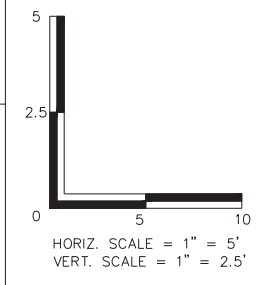
NOTE BOOK NO. _____
 PLOTTED, REVISIONS AT 100% MAX CHECKED CADD FILE NAME

NOTE BOOK NO. _____
 PLOTTED, REVISIONS AT 100% MAX CHECKED CADD FILE NAME

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NOTE:
 ** THE FIELD ENTRANCE AT STA. 103+03.78 RT. SHALL NOT EXCEED 15% SLOPE.



USER NAME = Naila Mahaveen	DESIGNED - CSA	REVISED -
	DRAWN - FUH	REVISED -
PLOT SCALE =	CHECKED - DLH	REVISED -
PLOT DATE = 2/23/2026 10:28 AM	DATE - 09/17/2021	REVISED -

FONDULAC TOWNSHIP
 FARMDALE ROAD RESURFACING CONSTRUCTION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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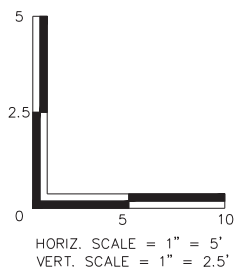
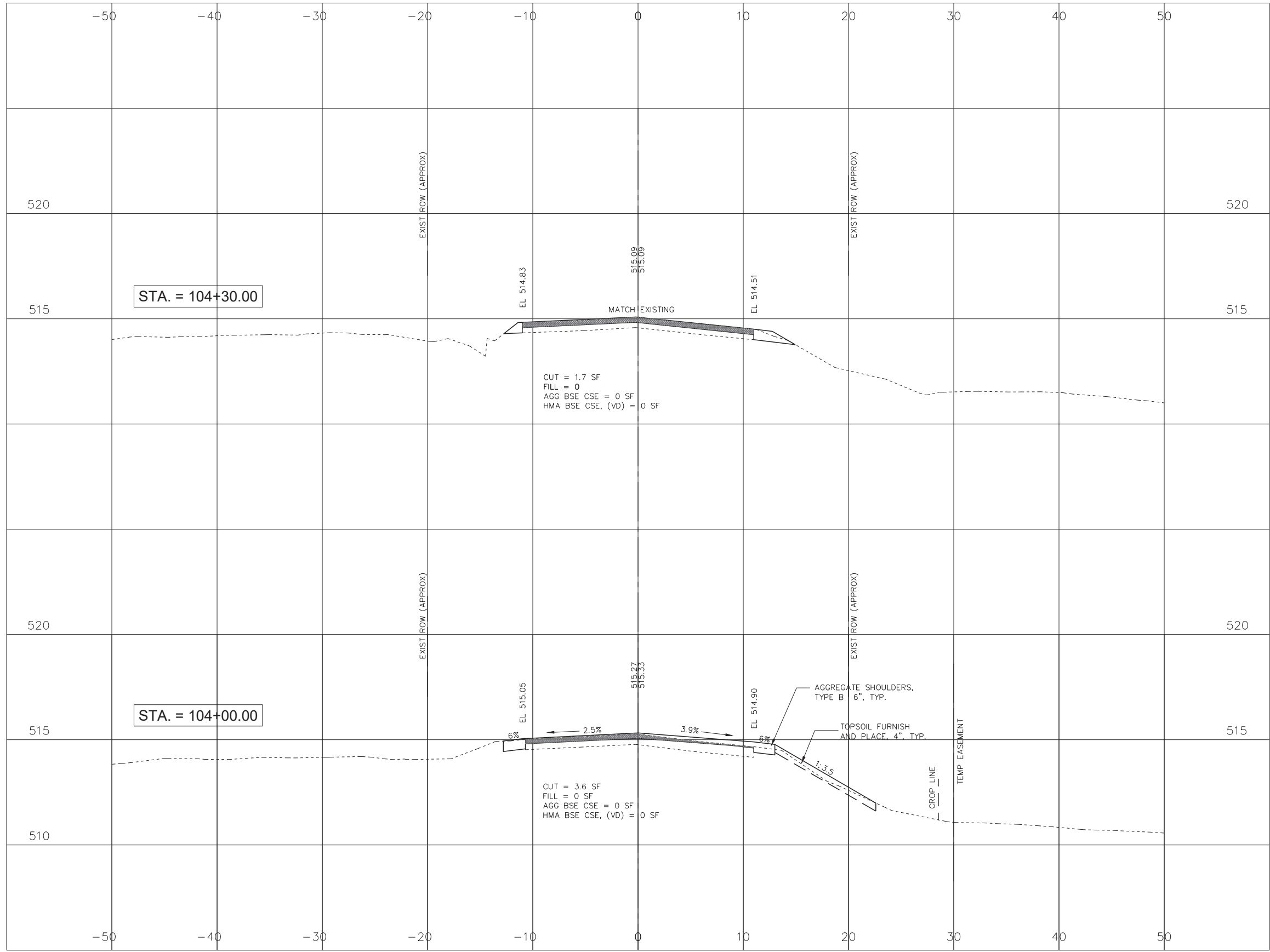
FARMDALE ROAD
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	17
FED. PROJECT NO.		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

NOTE BOOK NO. _____
 PLOTTED GRADES CHECKED AT ON MAY CHECKED CAD FILE NAME

NOTE BOOK NO. _____
 PLOTTED GRADES CHECKED STRUCTURE NOTATIONS CHKD

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USER NAME = Naila Mahaveen	DESIGNED -- CSA	REVISED --
	DRAWN -- FUH	REVISED --
PLOT SCALE =	CHECKED -- DLH	REVISED --
PLOT DATE = 2/23/2026 10:29 AM	DATE -- 09/17/2021	REVISED --


FONDULAC TOWNSHIP
 FARMDALE ROAD RESURFACING CONSTRUCTION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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FARMDALE ROAD
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	20-07111-00-RR	TAZEWELL	18	18
FED. PROJECT NO.		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

ABV	ABOVE	CU YD	CUBIC YARD	HATCH	HATCHING	PM	PAVEMENT MARKING	STD	STANDARD
A/C	ACCESS CONTROL	CULV	CULVERT	HD	HEAD	PED	PEDESTAL	SBI	STATE BOND ISSUE
AC	ACRE	C&G	CURB & GUTTER	HDW	HEADWALL	PNT	POINT	SR	STATE ROUTE
ADJ	ADJUST	D	DEGREE OF CURVE	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE	STA	STATION
AS	AERIAL SURVEYS	DC	DEPRESSED CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	SPBGR	STEEL PLATE BEAM GUARDRAIL
AGG	AGGREGATE	DET	DETECTOR	HMA	HOT MIX ASPHALT	PRC	POINT OF REVERSE CURVE	SS	STORM SEWER
AH	AHEAD	DIA	DIAMETER	HWY	HIGHWAY	PT	POINT OF TANGENCY	STY	STORY
APT	APARTMENT	DIST	DISTRICT	HORIZ	HORIZONTAL	POT	POINT ON TANGENT	ST	STREET
ASPH	ASPHALT	DOM	DOMESTIC	HSE	HOUSE	POLYETH	POLYETHYLENE	STR	STRUCTURE
AUX	AUXILIARY	DBL	DOUBLE	IL	ILLINOIS	PCC	PORTLAND CEMENT CONCRETE	e	SUPERELEVATION RATE
AGS	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	IMP	IMPROVEMENT	PP	POWER POLE OR PRINCIPAL POINT	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
AVE	AVENUE	DSFL	DOWNSTREAM FLOWLINE	IN DIA	INCH DIAMETER	PRM	PRIME	SURF	SURFACE
AX	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INL	INLET	PE	PRIVATE ENTRANCE	SMK	SURVEY MARKER
BK	BACK	DI	DRAINAGE INLET OR DROP INLET	INST	INSTALLATION	PROF	PROFILE	T	TANGENT DISTANCE
B-B	BACK TO BACK	DRV	DRIVEWAY	IDS	INTERSECTION DESIGN STUDY	PGL	PROFILE GRADELINE	T.R.	TANGENT RUNOUT DISTANCE
BKPL	BACKPLATE	DCT	DUCT	INV	INVERT	PROJ	PROJECT	TEL	TELEPHONE
B	BARN	EA	EACH	IP	IRON PIPE	P.C.	PROPERTY CORNER	TB	TELEPHONE BOX
BARR	BARRICADE	EB	EASTBOUND	IR	IRON ROD	PL	PROPERTY LINE	TP	TELEPHONE POLE
BL	BASELINE	EOP	EDGE OF PAVEMENT	JT	JOINT	PR	PROPOSED	TEMP	TEMPORARY
BGN	BEGIN	E-CL	EDGE TO CENTERLINE	kg	KILOGRAM	R	RADIUS or RESIDENTUAL	TBM	TEMPORARY BENCH MARK
BM	BENCHMARK	E-E	EDGE TO EDGE	km	KILOMETER	RR	RAILROAD	TD	TILE DRAIN
BIND	BINDER	ELEC	ELECTRICAL	LS	LANDSCAPING	RRS	RAILROAD SPIKE	TBE	TO BE EXTENDED
BIT	BITUMINOUS	EL	ELEVATION	LN	LANE	RPS	REFERENCE POINT STAKE	TBR	TO BE REMOVED
BTM	BOTTOM	ENTR	ENTRANCE	LT	LEFT	REF	REFLECTIVE	TBS	TO BE SAVED
BLVD	BOULEVARD	EXC	EXCAVATION	LIDAR	LIGHT DETECTION AND RANGING	REIN	REINFORCED CONCRETE CULVERT PIPE	TWP	TOWNSHIP
BRK	BRICK	EX	EXISTING	LP	LIGHT POLE	REMF	REINFORCEMENT	TR	TOWNSHIP ROAD
BBOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	LGT	LIGHTING	REM	REMOVAL	TS	TRAFFIC SIGNAL
BLDG	BUILDING	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	LF	LINEAL FEET OR LINEAR FEET	RC	REMOVE CROWN	TSCB	TRAFFIC SIGNAL CONTROL BOX
CATV	CABLE	E	OFFSET DISTANCE TO VERTICAL CURVE	L	LITER OR CURVE LENGTH	REP	REPLACEMENT	TSC	TRAFFIC SYSTEMS CENTER
CIP	CAST IRON PIPE	F-F	FACE TO FACE	LC	LONG CHORD	REST	RESTAURANT	TRVS	TRANSVERSE
CB	CATCH BASIN	FA	FEDERAL AID	LNG	LONGITUDINAL	RESURF	RESURFACING	TRVL	TRAVEL
C-C	CENTER TO CENTER	FAI	FEDERAL AID INTERSTATE	L SUM	LUMP SUM	RET	RETAINING	TRN	TURN
CL	CENTERLINE OR CLEARANCE	FAP	FEDERAL AID PRIMARY	MACH	MACHINE	RT	RIGHT	TY	TYPE
CL-E	CENTERLINE TO EDGE	FAS	FEDERAL AID SECONDARY	MB	MAIL BOX	ROW	RIGHT-OF-WAY	T-A	TYPE A
CL-F	CENTERLINE TO FACE	FAUS	FEDERAL AID URBAN SECONDARY	MH	MANHOLE	RD	ROAD	TYP	TYPICAL
CTS	CENTERS	FP	FENCE POST	MATL	MATERIAL	RDWY	ROADWAY	UNDGND	UNDERGROUND
CERT	CERTIFIED	OPT	FIBER OPTIC	MED	MEDIAN	RTE	ROUTE	USGS	U.S. GEOLOGICAL SURVEY
CHSLD	CHISELED	FE	FIELD ENTRANCE	m	METER	SAN	SANITARY	USEL	UPSTREAM ELEVATION
CS	CITY STREET	FH	FIRE HYDRANT	METH	METHOD	SANS	SANITARY SEWER	USFL	UPSTREAM FLOWLINE
CP	CLAY PIPE	FL	FLOW LINE	M	MID-ORDINATE	SEC	SECTION	UTIL	UTILITY
CLSD	CLOSED	FB	FOOT BRIDGE	mm	MILLIMETER	SEED	SEEDING	VBOX	VALVE BOX
CLID	CLOSED LID	FDN	FOUNDATION	mm DIA	MILLIMETER DIAMETER	SHAP	SHAPING	VV	VALVE VAULT
CT	COAT OR COURT	FR	FRAME	MIX	MIXTURE	S	SHED	VL	VAULT
COMB	COMBINATION	F&G	FRAME & GRATE	MBH	MOBILE HOME	SH	SHEET	VEH	VEHICLE
C	COMMERCIAL BUILDING	FRWAY	FREEWAY	MOD	MODIFIED	SHLD	SHOULDER	VP	VENT PIPE
CE	COMMERCIAL ENTRANCE	GAL	GALLON	MFT	MOTOR FUEL TAX	SW	SIDEWALK OR SOUTHWEST	VERT	VERTICAL
CONC	CONCRETE	GALV	GALVANIZED	N & BC	NAIL & BOTTLE CAP	SIG	SIGNAL	VC	VERTICAL CURVE
CONST	CONSTRUCT	G	GARAGE	N & C	NAIL & CAP	SOD	SODDING	VPC	VERTICAL POINT OF CURVATURE
CONTD	CONTINUED	GM	GAS METER	N & W	NAIL & WASHER	SM	SOLID MEDIUM	VPI	VERTICAL POINT OF INTERSECTION
CONT	CONTINUOUS	GV	GAS VALVE	NC	NORMAL CROWN	SB	SOUTHBOUND	VPT	VERTICAL POINT OF TANGENCY
COR	CORNER	GIS	GEOGRAPHICAL INFORMATION SYSTEM	NB	NORTHBOUND	SE	SOUTHEAST	WM	WATER METER
CORR	CORRUGATED	GRAN	GRANULAR	NE	NORTHEAST	SPL	SPECIAL	WV	WATER VALVE
CMP	CORRUGATED METAL PIPE	GR	GRATE	NW	NORTHWEST	SD	SPECIAL DITCH	WMAIN	WATER MAIN
CNTY	COUNTY	GRVL	GRAVEL	O/S	OFFSET	SQ FT	SQUARE FEET	WB	WESTBOUND
CH	COUNTY HIGHWAY	GND	GROUND	O&C	OIL AND CHIP	m ²	SQUARE METER	WILDFL	WILDFLOWERS
CSE	COURSE	GUT	GUTTER	OLID	OPEN LID	mm ²	SQUARE MILLIMETER	W	WITH
XSECT	CROSS SECTION	GP	GUY POLE	PAT	PATTERN	SQ YD	SQUARE YARD	WO	WITHOUT
m ³	CUBIC METER	GW	GUY WIRE	PVD	PAVED	STB	STABILIZED		
mm ³	CUBIC MILLIMETER	HH	HANDHOLE	PVMT	PAVEMENT				

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DATE	REVISIONS
1-1-26	Updated bike lane symbol, bike shared roadway symbol, and signing items.
1-1-21	Updated fonts, abbreviations, and symbols.

**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

(Sheet 1 of 9)

STANDARD 000001-09

<u>ADJUSTMENT ITEMS</u>			<u>ALIGNMENT ITEMS</u>			<u>DRAINAGE ITEMS</u>		
	<u>EX</u>	<u>PR</u>		<u>EX</u>	<u>PR</u>		<u>EX</u>	<u>PR</u>
Structure To Be Adjusted		ADJ	Baseline	_____	_____	Channel or Stream Line	-----	-----
Structure To Be Cleaned		C	Centerline	-----	-----	Culvert Line	-----	_____
Main Structure To Be Filled		FM	Centerline Break Circle	○	⊙	Grading & Shaping Ditches	-----	-----
Structure To Be Filled		F	Baseline Symbol	⊥	⊥	Drainage Boundary Line	-----	-----
Structure To Be Filled Special		FSP	Centerline Symbol		⊥	Paved Ditch	-----	-----
Structure To Be Removed		R	PI Indicator	△	△	Aggregate Ditch	-----	-----
Structure To Be Reconstructed		REC	Point Indicator	○	○	Pipe Underdrain	-----	-----
Structure To Be Reconstructed Special		RSP	Horizontal Curve Data (Half Size)	EX. CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	Storm Sewer	-----	-----
Frame and Grate To Be Adjusted		A	<u>BOUNDARIES ITEMS</u>				<u>EX</u>	<u>PR</u>
Frame and Lid To Be Adjusted		A	Dashed Property Line	-----		Flowline	⊥	⊥
Domestic Service Box To Be Adjusted		A	Solid Property/Lot Line	_____		Ditch Check	◆	◆
Valve Vault To Be Adjusted		A	Section/Grant Line	-----		Headwall	—	—
Special Adjustment		SP	Quarter Section Line	-----		Inlet	□	□
Item To Be Abandoned		AB	Quarter/Quarter Section Line	-----		Manhole	⊙	⊙
Item To Be Moved		M	County/Township Line	-----		Summit	↔	↔
Item To Be Relocated		REL	State Line	-----		Roadway Ditch Flow	~→	~→
Pavement Removal and Replacement			Chiseled Square Found	□		Swale	—▶	—▶
			Iron Pipe Found	○		Catch Basin	○	●
			Iron Pipe Set	●		Culvert End Section	◁	◁
			Survey Marker	⊙		Water Surface Indicator	▽	▽
			Property Line Symbol	⊥		Riprap	▨	▨
			Same Ownership Symbol (Half Size)	↗		<u>HYDRAULICS ITEMS</u>		
			Northwest Quarter Corner (Half Size)	⊙		Overflow	↪	
			Section Corner (Half Size)	⊙		Sheet Flow	↪	
			Southeast Quarter Corner (Half Size)	⊙		Hydrant Outlet	➔	


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John Doe
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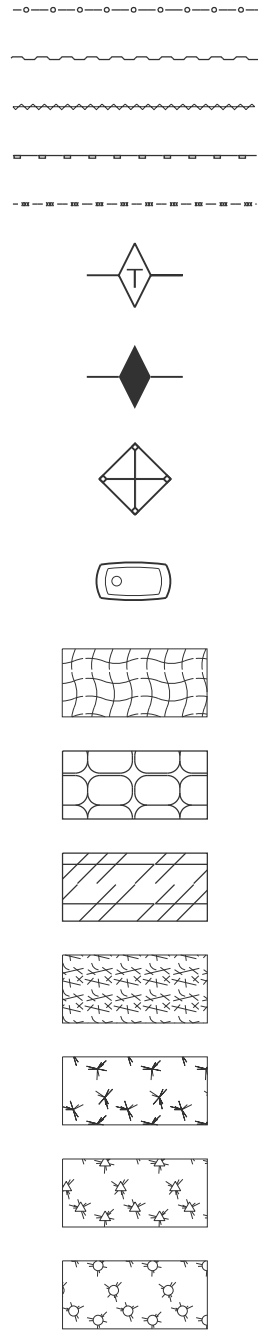
**STANDARD SYMBOLS,
 ABBREVIATIONS,
 AND PATTERNS**
 (Sheet 2 of 9)
STANDARD 000001-09

EROSION & SEDIMENT CONTROL ITEMS

EX

PR

- Cleaning & Grading Limits
- Dike
- Erosion Control Fence
- Perimeter Erosion Barrier
- Temporary Fence
- Ditch Check Temporary
- Ditch Check Permanent
- Inlet & Pipe Protection
- Sediment Basin
- Erosion Control Blanket
- Fabric Formed Concrete Revetment Mat
- Turf Reinforcement Mat
- Mulch Temporary
- Mulch Method 1
- Mulch Method 2 Stabilized
- Mulch Method 3 Hydraulic

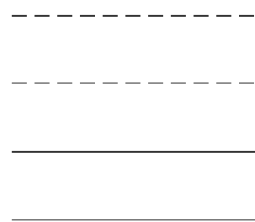


CONTOUR ITEMS

EX

PR

- Approx. Index Line
- Approx. Intermediate Line
- Index Contour
- Intermediate Contour

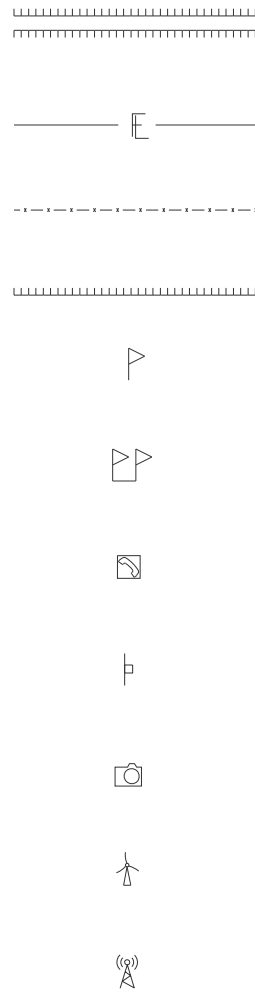


NON-HIGHWAY IMPROVEMENT ITEMS

EX

PR

- Noise Attn./Levee
- Field Line
- Fence
- Base of Levee
- Mailbox
- Multiple Mailboxes
- Pay Telephone
- Advertising Sign
- *ITS Camera
- Wind Turbine
- Cellular Tower
- *Intelligent Transportation Systems

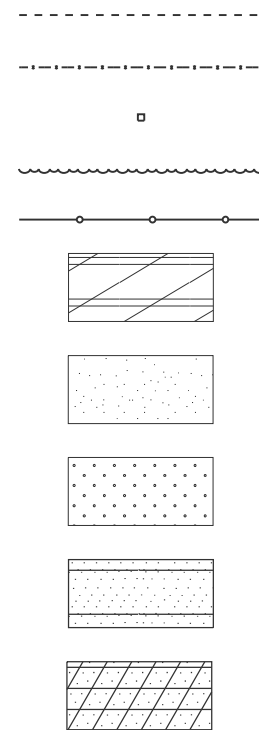


LANDSCAPING ITEMS

EX

PR

- Contour Mounding Line
- Fence
- Fence Post
- Shrubs
- Mowline
- Perennial Plants
- Seeding Class 2
- Seeding Class 2A
- Seeding Class 4
- Seeding Class 4 & 5 Combined

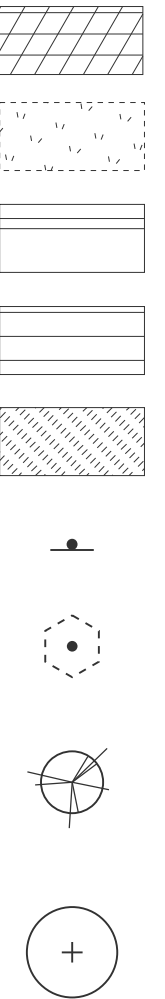


EXISTING LANDSCAPING ITEMS (contd.)

EX

PR

- Seeding Class 5
- Seeding Class 7
- Seedlings Type 1
- Seedlings Type 2
- Sodding
- Mowstake w/Sign
- Tree Trunk Protection
- Evergreen Tree
- Shade Tree

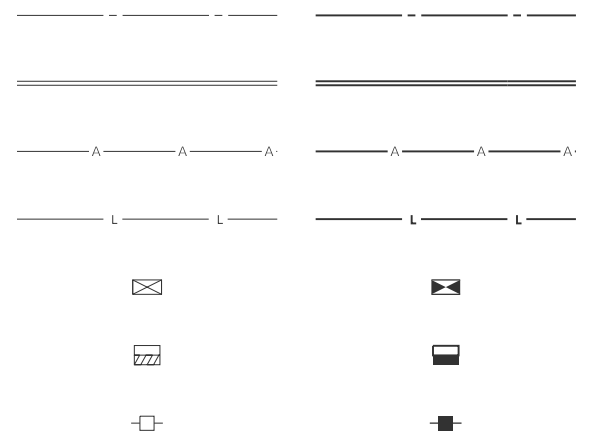


LIGHTING

EX

PR

- Duct
- Conduit
- Electrical Aerial Cable
- Electrical Buried Cable
- Controller
- Underpass Luminaire
- Power Pole

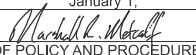


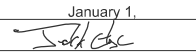
STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

(Sheet 3 of 9)

STANDARD 000001-09

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**LIGHTING
(contd.)**

EX

PR

Pull Point



Handhole



Heavy Duty Handhole



Junction Box



Light Unit Comb.



Electrical Ground



Traffic Flow Arrow



High Mast Pole
(Half Size)



Light Unit-1

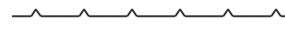


PAVEMENT (MISC.)

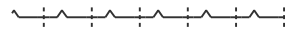
EX

PR

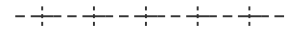
Keyed Long. Joint



Keyed Long. Joint w/Tie Bars



Sawed Long. Joint w/Tie Bars



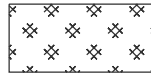
Bituminous Shoulder



Bituminous Taper



Stabilized Driveway



Widening



PAVEMENT MARKINGS

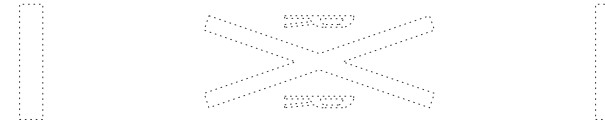
EX

PR

Handicap Symbol



RR Crossing



Raised Marker Amber 1 Way



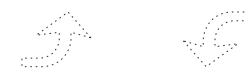
Raised Marker Amber 2 Way



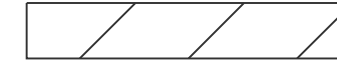
Raised Marker Crystal 1 Way



Two Way Turn Left



Shoulder Diag. Pattern



Skip-Dash White



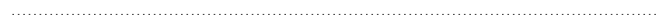
Skip-Dash Yellow



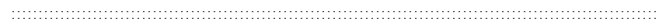
Stop Line



Solid Line



Double Centerline



Dotted Lines



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APPROVED January 1, 2026

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**STANDARD SYMBOLS,
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AND PATTERNS**

(Sheet 4 of 9)

STANDARD 000001-09

PAVEMENT MARKINGS
(contd.)

CL 2Ln 2Way
RRPM 12.2 m (40') o.c.

CL 2Ln 2Way
RRPM 80' (24.4 m) o.c.

CL Multilane Div.
RRPM 40' (12.2 m) o.c.

CL Multilane Div.
RRPM 80' (24.4 m) o.c.

CL Multilane Div. Dbl.
RRPM 80' (24.4 m) o.c.

CL Multilane Undiv.

Two Way Turn Left Line

Urban Combination Left

Urban Combination Right

Urban Left Turn Arrow

Urban Right Turn Arrow

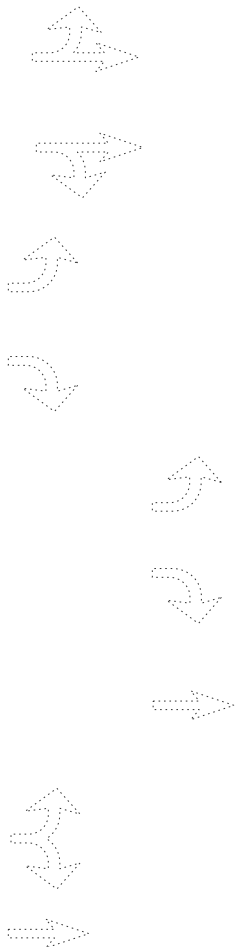
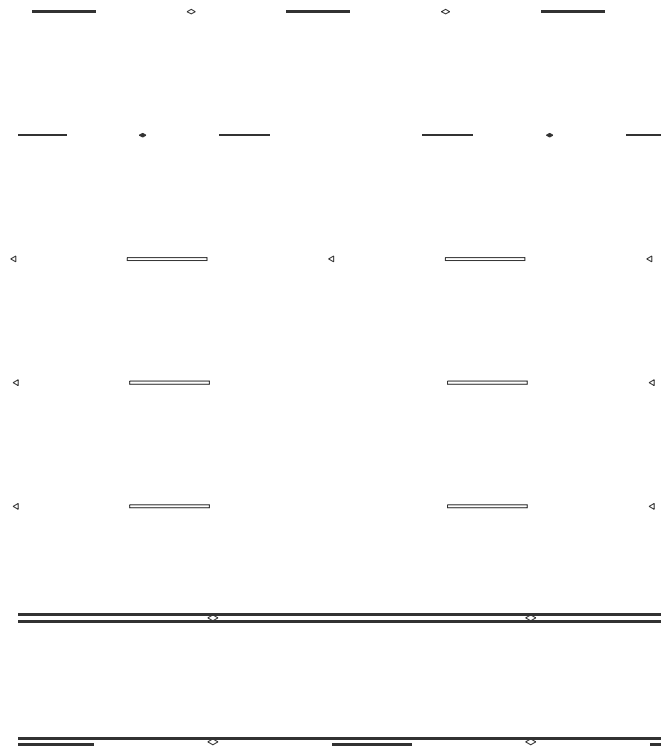
Urban Left Turn Only

Urban Right Turn Only

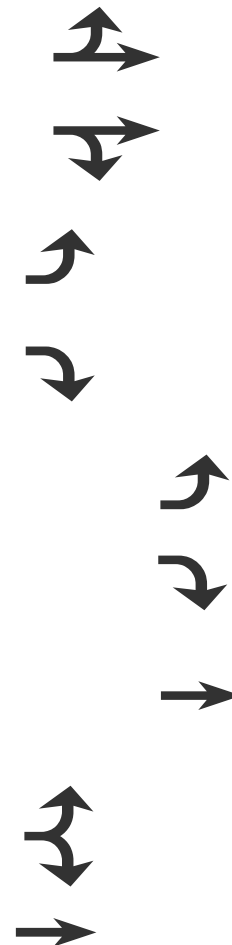
Urban Thru Only

EX

PR



ONLY
ONLY
ONLY

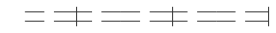


RAILROAD ITEMS

EX

PR

Abandoned Railroad



Railroad



Railroad Point



Control Box



Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck

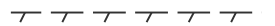


REMOVAL ITEMS

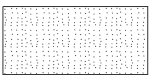
EX

PR

Removal Tic



Bituminous Removal



Hatch Pattern



Tree Removal Single



RIGHT OF WAY ITEMS

EX

PR

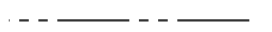
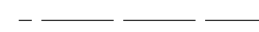
Future ROW Corner Monument



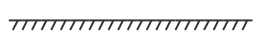
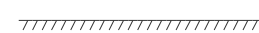
ROW Marker



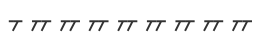
ROW Line



Easement



Temporary Easement



**STANDARD SYMBOLS,
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(Sheet 5 of 9)

STANDARD 000001-09

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Urban LT & RT Turn Arrow

Urban Thru Arrow

PAVEMENT MARKINGS
(contd.)

EX

PR

Urban U-Turn



Urban Combined U-Turn



Rural Combination Left



Rural Combination Right



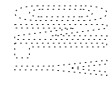
Rural Left Turn Arrow



Rural Right Turn Arrow



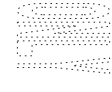
Rural Left Turn Only



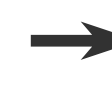
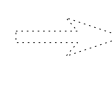
ONLY ONLY ONLY



Rural Right Turn Only



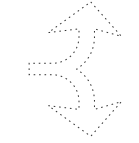
Rural Thru Only



Rural Thru Arrow



Rural Lt & Rt Turn Arrow



Bike Lane Symbol



Bike Lane Text



Bike Path Shared



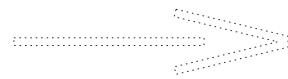
Bike Shared Roadway



Lane Drop Symbol



Wrong Way Arrow



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**STANDARD SYMBOLS,
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 (Sheet 6 of 9)
STANDARD 000001-09

RIGHT OF WAY ITEMS
(contd.)

	EX	PR
Access Control Line		
Access Control Line & ROW		
Access Control Line & ROW with Fence		
Excess ROW Line		

ROADWAY PLAN
ITEMS

	EX	PR
Cable Barrier		
Concrete Barrier		
Edge of Pavement		
Bit Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		
Impact Attenuator		
North Arrow with District Office (Half Size)		
Match Line		
Slope Limit Line		
Typical Cross-Section Line		

ROADWAY PROFILES

	EX	PR
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data	VPI = ELEV = L = E =	VPI = ELEV = L = E =
Ditch Profile Left Side		
Ditch Profile Right Side		
Roadway Profile Line		
Storm Sewer Profile Left Side		
Storm Sewer Profile Right Side		

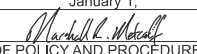
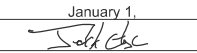
SIGNING ITEMS

	EX	PR
Cone, Drum or Barricade		
Barricade Type II		
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Vertical Panels		
Direction of Traffic		
Sign Flag (Half Size)		
Reverse Left W1-4L (Half Size)		
Reverse Right W1-4R (Half Size)		

SIGNING ITEMS
(contd.)

	EX	PR
Two Way Traffic Sign W6-3 (Half Size)		
Detour Ahead W20-2(O) (Half Size)		
Left Lane Closed Ahead W20-5L(O) (Half Size)		
Right Lane Closed Ahead W20-5R(O) (Half Size)		
Road Closed Ahead W20-3(O) (Half Size)		
Road Construction Ahead W20-I103(O) (Half Size)		
One Lane Road Ahead W20-4(O) (Half Size)		
Lane Ends W4-2R(O) (Half Size)		
Lane Ends W4-2L(O) (Half Size)		
One Way Arrow Lrg. W1-6-(O) (Half Size)		
Two Way Arrow Large W1-7-(O) (Half Size)		

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**STANDARD SYMBOLS,
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(Sheet 7 of 9)

STANDARD 000001-09

**SIGNING ITEMS
(contd.)**

EX

PR

Detour M4-10L-(O)
(Half Size)



Detour M4-10R-(O)
(Half Size)



One Way Left R6-1L
(Half Size)



One Way Right R6-1R
(Half Size)



Left Turn Lane R3-I100L
(Half Size)



Keep Right R4-7



Keep Right R4-7AR
(Half Size)



Keep Left R4-8



Keep Left R4-8AL
(Half Size)



Stop Here On Red R10-6-AL
(Half Size)



Stop Here On Red R10-6-AR
(Half Size)



No Left Turn R3-2
(Half Size)



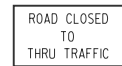
No Right Turn R3-1
(Half Size)



Road Closed R11-2
(Half Size)



Road Closed Thru Traffic R11-4
(Half Size)



STRUCTURES ITEMS

EX

PR

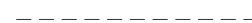
Box Culvert Barrel



Box Culvert Headwall



Bridge Pier



Bridge



Retaining Wall



Temporary Sheet Piling



**TRAFFIC SHEET
ITEMS**

EX

PR

Cable Number



Left Turn Green



Left Turn Yellow



Signal Backplate



Signal Section 8" (200 mm)



Signal Section 12" (300 mm)



Walk/Don't Walk Letters



Walk/Don't Walk Symbols

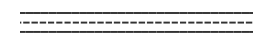
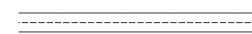


**TRAFFIC SIGNAL
ITEMS**

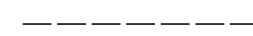
EX

PR

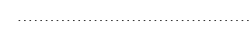
Galv. Steel Conduit



Underground Cable



Detector Loop Line



Detector Loop Large



Detector Loop Small



Detector Loop Quadrapole



Detector Raceway



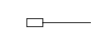
Aluminum Mast Arm



Steel Mast Arm



Veh. Detector Magnetic



Conduit Splice



**TRAFFIC SIGNAL
ITEMS (contd.)**

EX

PR

Controller



Gulfbbox Junction



Wood Pole



Temp. Signal Head



Handhole



Double Handhole



Heavy Duty Handhole



Junction Box



Ped. Pushbutton Detector



Ped. Signal Head



Power Pole Service



Priority Veh. Detector



Signal Head



Signal Head w/Backplate



Signal Post



Closed Circuit TV



Video Detector System



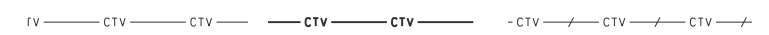
**UNDERGROUND
UTILITY ITEMS**

EX

PR

ABANDONED

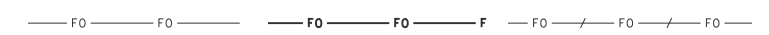
Cable TV



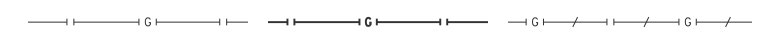
Electric Cable



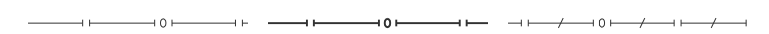
Fiber Optic



Gas Pipe



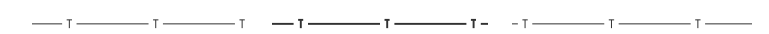
Oil Pipe



Sanitary Sewer



Telephone Cable



Water Pipe



**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

(Sheet 8 of 9)

STANDARD 000001-09

Illinois Department of Transportation

APPROVED January 1, 2026

Marshall L. Wood
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2026

Scott C. C...
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

UTILITIES ITEMS

EX

PR

Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Monitoring Well (Gasoline)		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		
Traffic Signal		
Traffic Signal Control Box		
Water Meter		
Water Meter Valve Box		
Profile Line		
Aerial Power Line		

VEGETATION ITEMS

EX

PR

Deciduous Tree	
Bush or Shrub	
Evergreen Tree	
Stump	
Orchard/Nursery Line	
Vegetation Line	
Woods & Bush Line	

WATER FEATURE ITEMS

EX

PR

Stream or Drainage Ditch	
Waters Edge	
Water Surface Indicator	
Water Point	
Disappearing Ditch	
Marsh	
Marsh/Swamp Boundary	

Illinois Department of Transportation
 APPROVED January 1, 2026

 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2026

 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

(Sheet 9 of 9)


STANDARD 000001-09

DECIMAL OF AN INCH AND OF A FOOT

A		B		A		B		A		B		A		B			
1/64	0.0052	1/16	11/64	0.171875	2 1/16	11/32	0.3385	4 1/16	33/64	0.5052	6 1/16	43/64	0.671875	8 1/16	27/32	0.8385	10 1/16
	0.0104	1/8		0.1771	2 1/8		0.34375	4 1/8		0.5104	6 1/8		0.6771	8 1/8		0.84375	10 1/8
	0.015625	3/16		0.1823	2 3/16		0.3490	4 3/16		0.515625	6 3/16		0.6823	8 3/16		0.8490	10 3/16
	0.0208	1/4		0.1875	2 1/4		0.3542	4 1/4		0.5208	6 1/4		0.6875	8 1/4		0.8542	10 1/4
1/32	0.0260	5/16	13/64	0.1927	2 5/16	23/64	0.359375	4 5/16	17/32	0.5260	6 5/16	45/64	0.6927	8 5/16	55/64	0.859375	10 5/16
	0.03125	3/8		0.1979	2 3/8		0.3646	4 3/8		0.53125	6 3/8		0.6979	8 3/8		0.8646	10 3/8
	0.0365	7/16		0.203125	2 7/16		0.3698	4 7/16		0.5365	6 7/16		0.703125	8 7/16		0.8698	10 7/16
	0.0417	1/2		0.2083	2 1/2		0.3750	4 1/2		0.5417	6 1/2		0.7083	8 1/2		0.8750	10 1/2
3/64	0.046875	9/16	7/32	0.2135	2 9/16	25/64	0.3802	4 9/16	35/64	0.546875	6 9/16	23/32	0.7135	8 9/16	57/64	0.8802	10 9/16
	0.0521	5/8		0.21875	2 5/8		0.3854	4 5/8		0.5521	6 5/8		0.71875	8 5/8		0.8854	10 5/8
	0.0573	1 1/16		0.2240	2 1 1/16		0.390625	4 1 1/16		0.5573	6 1 1/16		0.7240	8 1 1/16		0.890625	10 1 1/16
	0.0625	3/4		0.2292	2 3/4		0.3958	4 3/4		0.5625	6 3/4		0.7292	8 3/4		0.8958	10 3/4
1/16	0.0677	13/16	15/64	0.234375	2 13/16	13/32	0.4010	4 13/16	9/16	0.5677	6 13/16	47/64	0.734375	8 13/16	29/32	0.9010	10 13/16
	0.0729	7/8		0.2396	2 7/8		0.40625	4 7/8		0.5729	6 7/8		0.7396	8 7/8		0.90625	10 7/8
	0.078125	15/16		0.2448	2 15/16		0.4115	4 15/16		0.578125	6 15/16		0.7448	8 15/16		0.9115	10 15/16
	0.0833	1		0.2500	3		0.4167	5		0.5833	7		0.7500	9		0.9167	11
3/32	0.0885	1 1/16	17/64	0.2552	3 1/16	27/64	0.421875	5 1/16	19/32	0.5885	7 1/16	49/64	0.7552	9 1/16	59/64	0.921875	11 1/16
	0.09375	1 1/8		0.2604	3 1/8		0.4271	5 1/8		0.59375	7 1/8		0.7604	9 1/8		0.9271	11 1/8
	0.0990	1 3/16		0.265625	3 3/16		0.4323	5 3/16		0.5990	7 3/16		0.765625	9 3/16		0.9323	11 3/16
	0.1042	1 1/4		0.2708	3 1/4		0.4375	5 1/4		0.6042	7 1/4		0.7708	9 1/4		0.9375	11 1/4
7/64	0.109375	1 5/16	9/32	0.2760	3 5/16	29/64	0.4427	5 5/16	39/64	0.609375	7 5/16	25/32	0.7760	9 5/16	61/64	0.9427	11 5/16
	0.1146	1 3/8		0.28125	3 3/8		0.4479	5 3/8		0.6146	7 3/8		0.78125	9 3/8		0.9479	11 3/8
	0.1198	1 7/16		0.2865	3 7/16		0.453125	5 7/16		0.6198	7 7/16		0.7865	9 7/16		0.953125	11 7/16
	0.1250	1 1/2		0.2917	3 1/2		0.4583	5 1/2		0.6250	7 1/2		0.7917	9 1/2		0.9583	11 1/2
9/64	0.1302	1 9/16	19/64	0.296875	3 9/16	15/32	0.4635	5 9/16	41/64	0.6302	7 9/16	51/64	0.796875	9 9/16	31/32	0.9635	11 9/16
	0.1354	1 5/8		0.3021	3 5/8		0.46875	5 5/8		0.6354	7 5/8		0.8021	9 5/8		0.96875	11 5/8
	0.140625	1 11/16		0.3073	3 11/16		0.4740	5 11/16		0.640625	7 11/16		0.8073	9 11/16		0.9740	11 11/16
	0.1458	1 3/4		0.3125	3 3/4		0.4792	5 3/4		0.6458	7 3/4		0.8125	9 3/4		0.9792	11 3/4
5/32	0.1510	1 13/16	21/64	0.3177	3 13/16	31/64	0.484375	5 13/16	21/32	0.6510	7 13/16	53/64	0.8177	9 13/16	63/64	0.984375	11 13/16
	0.15625	1 7/8		0.3229	3 7/8		0.4896	5 7/8		0.65625	7 7/8		0.8229	9 7/8		0.9896	11 7/8
	0.1615	1 15/16		0.328125	3 15/16		0.4948	5 15/16		0.6615	7 15/16		0.828125	9 15/16		0.9948	11 15/16
	0.1667	2		0.3333	4		0.5000	6		0.6667	8		0.8333	10		1.0000	12

A = Fractions of Inch or Foot

B = Inch Equivalents to Foot Fractions

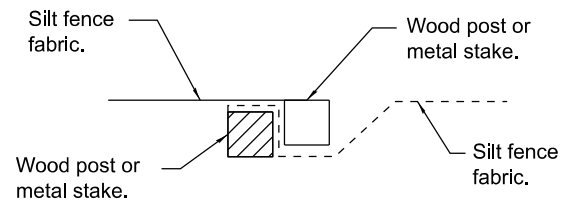

 Illinois Department of Transportation
 APPROVED January 1, 1997
Garry C. Atkey
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 1997
Raymond L. Lavelle
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-97	New Standard.

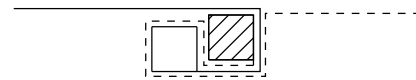
**DECIMAL OF AN INCH
AND OF A FOOT**

STANDARD 001006



Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as shown.

STEP 1

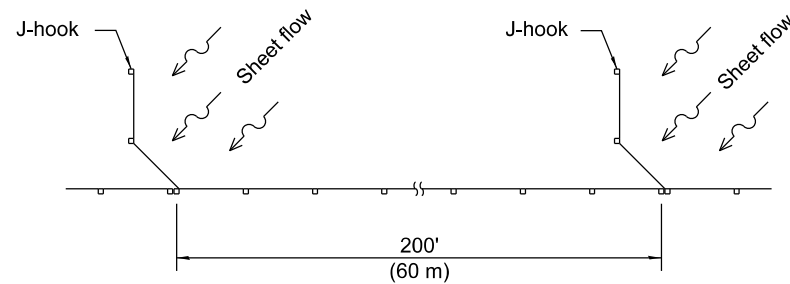


Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

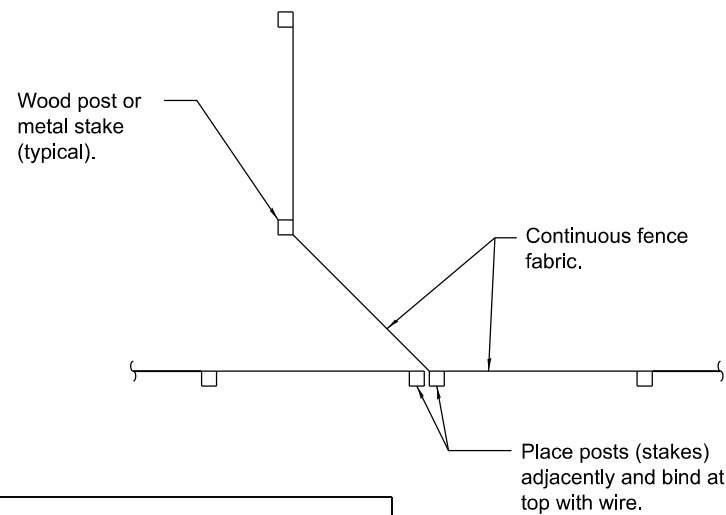
STEP 2

ATTACHING TWO SILT FILTER FENCES

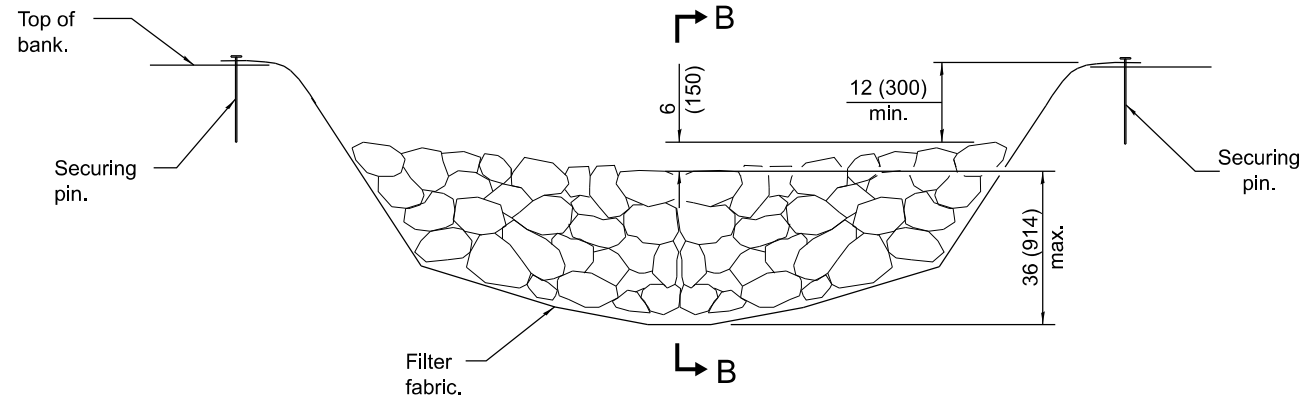
(Not applicable for J-hooks)



SILT FILTER J-HOOK PLACEMENT

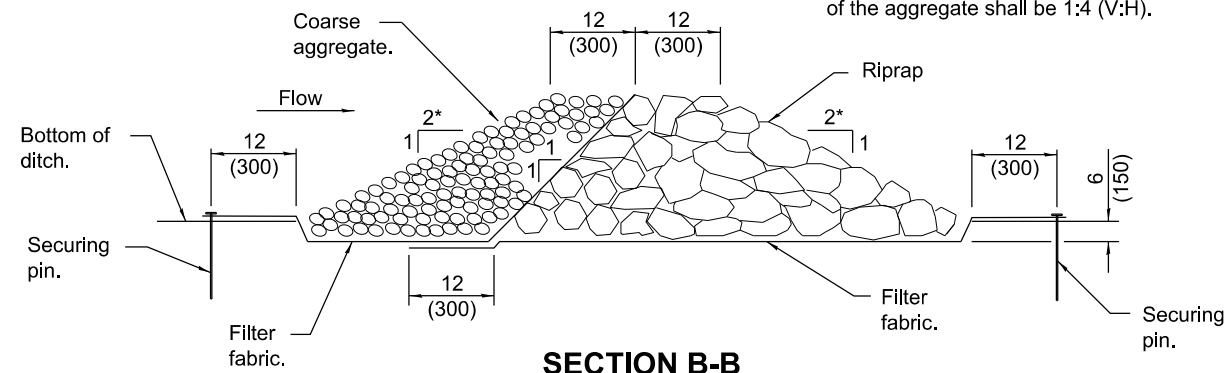


J-HOOK



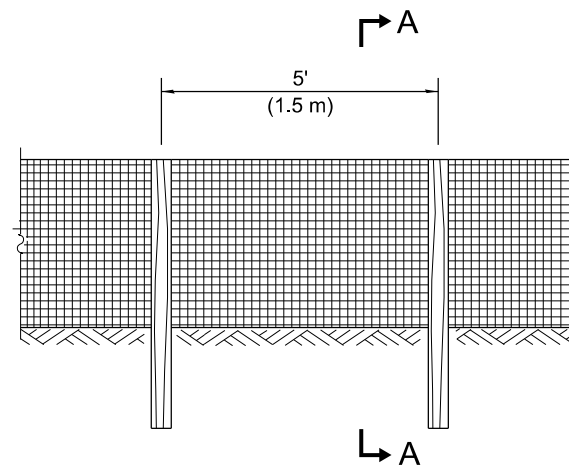
ELEVATION

* When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).



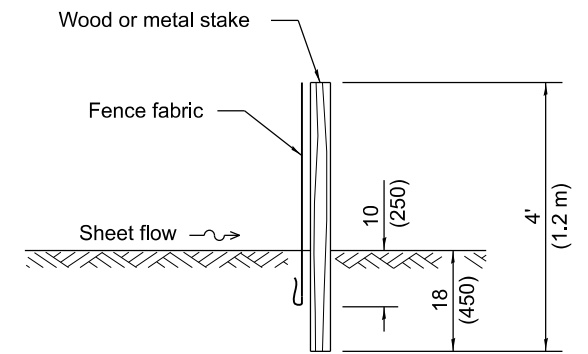
SECTION B-B

AGGREGATE DITCH CHECK

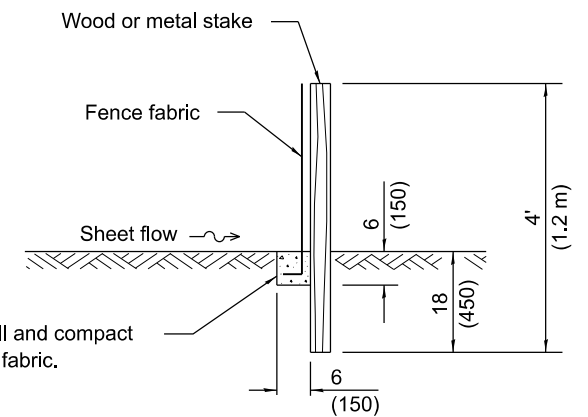


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

SECTION A-A

Excavate, backfill and compact trench to secure fabric.

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

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

Illinois Department of Transportation

APPROVED January 1, 2013
Michael Brand
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2013
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

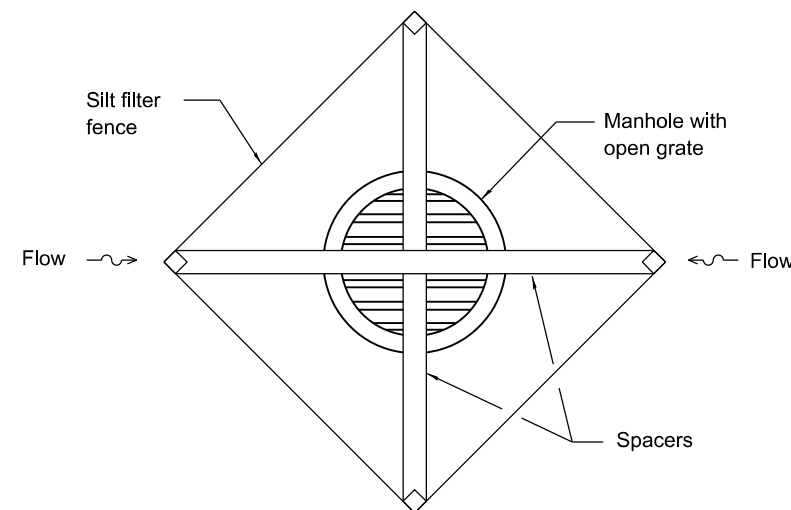
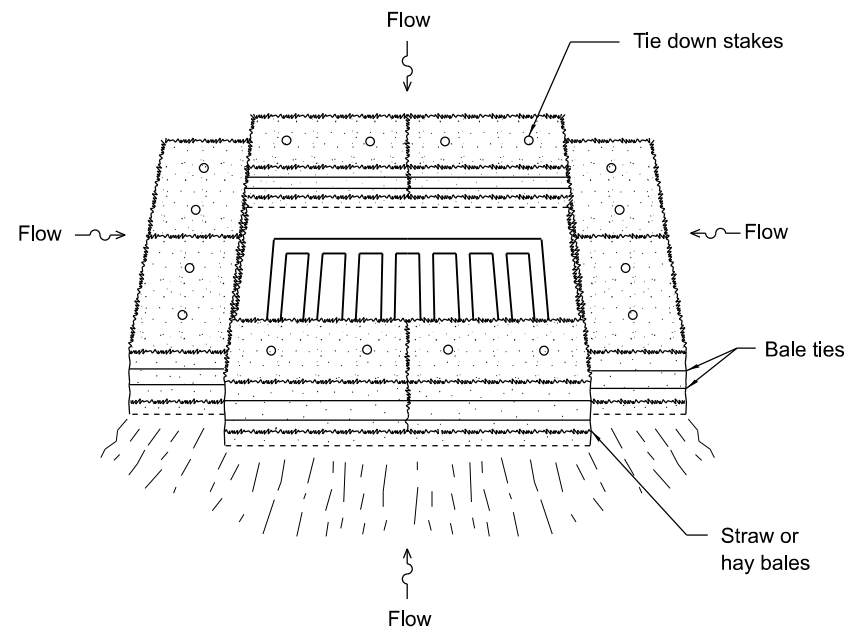
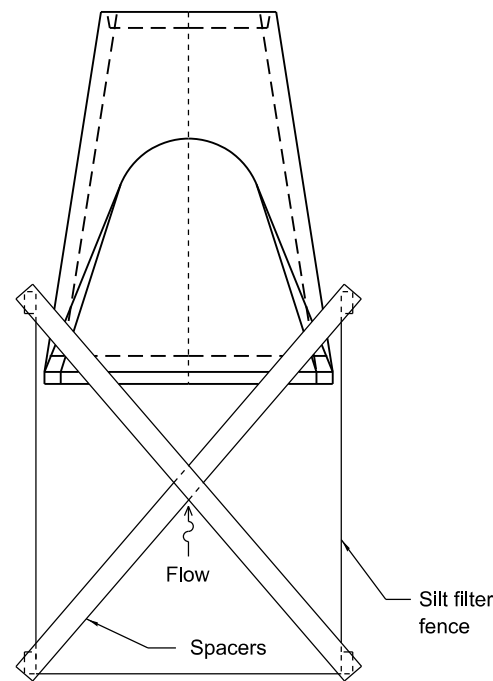
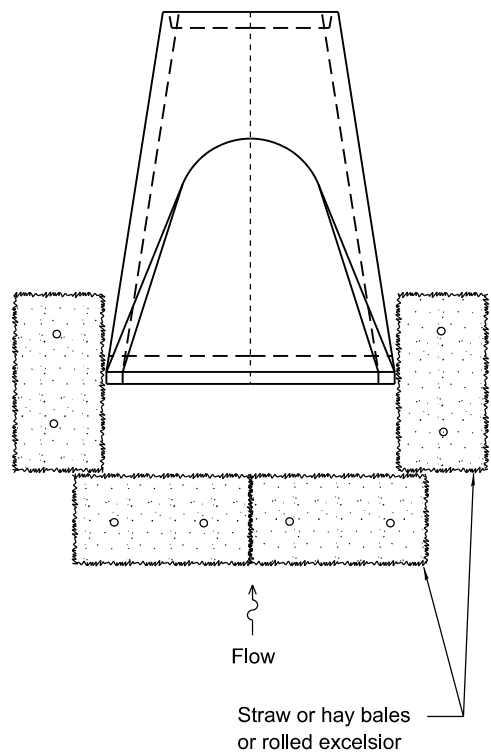
ISSUED 1-1-97

DATE	REVISIONS
1-1-13	Corrected notation for flowline (f) on SEDIMENT BASIN ELEVATION
1-1-12	Omitted hay/straw perimeter barrier. Added SLICE METHOD to SECTION A-A

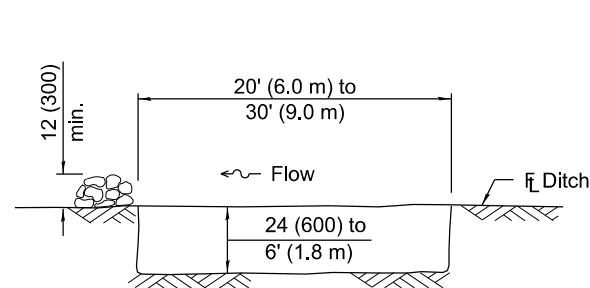
TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 1 of 2)

STANDARD 280001-07

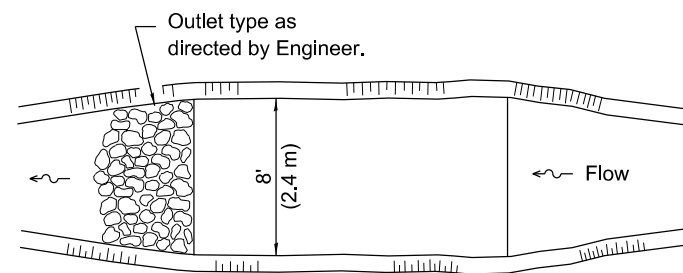


INLET AND PIPE PROTECTION



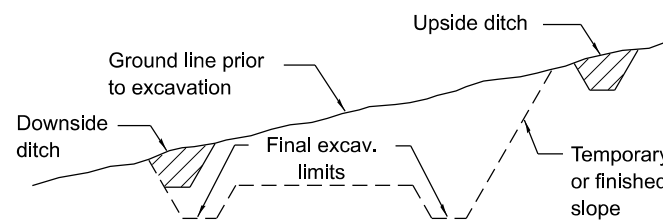
The performance of the basin will improve if put into a series.

ELEVATION

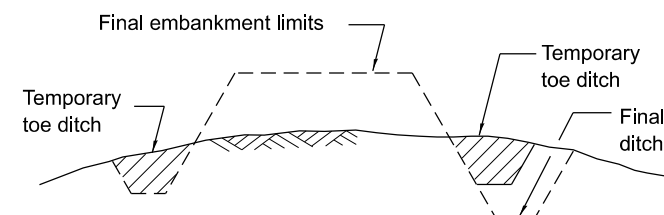


The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

SEDIMENT BASIN

Illinois Department of Transportation

APPROVED January 1, 2013
Michael Beard
 ENGINEER OF POLICY AND PROCEDURES

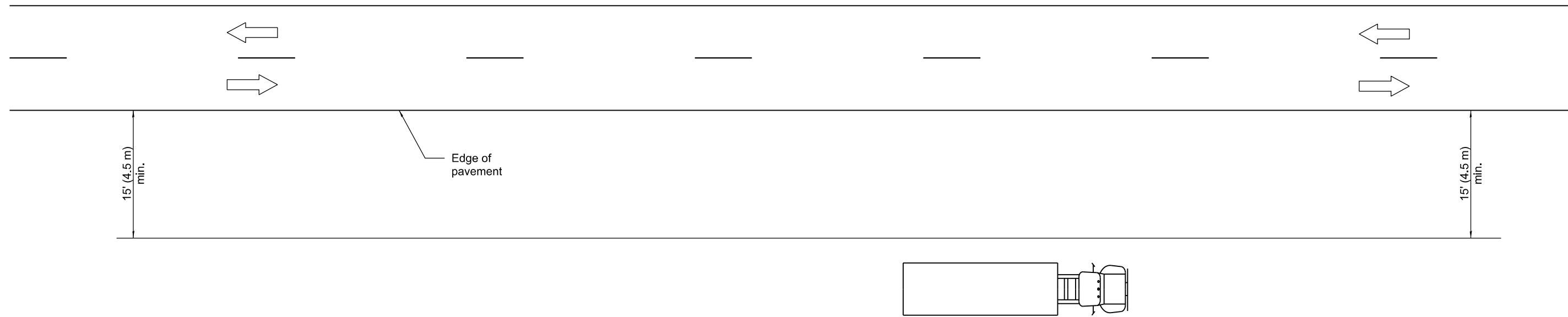
APPROVED January 1, 2013
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 2 of 2)

STANDARD 280001-07



TYPICAL APPLICATIONS


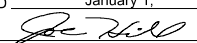
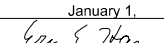
- Landscaping work
- Utility work
- Fencing contracts and maintenance
- Cleaning culverts

GENERAL NOTES

This Standard is used where at all times all vehicles, equipment, workers or their activities are more than 15' (4.5 m) from the edge of pavement.

When the work operation requires that two or more work vehicles cross the 15' (4.5 m) clear zone in any one hour, traffic control shall be according to Standard 701006.

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

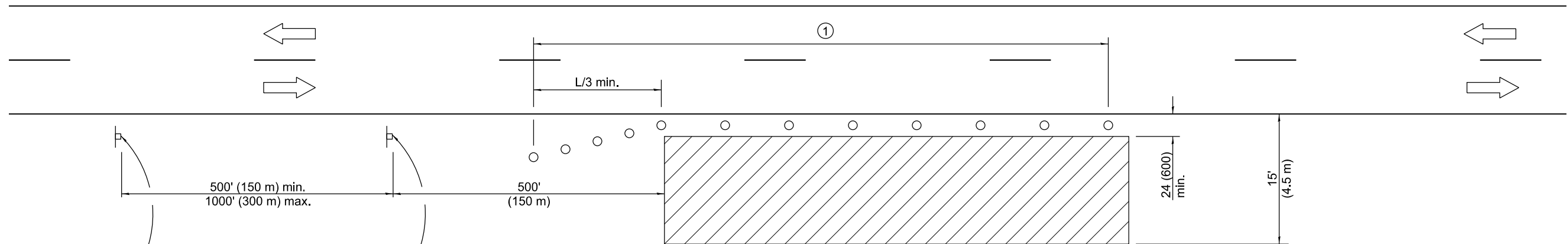
 Illinois Department of Transportation
 APPROVED January 1, 2009

 ENGINEER OF OPERATIONS
 APPROVED January 1, 2009

 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-05	Revised title and notes.

**OFF-RD OPERATIONS,
 2L, 2W, MORE THAN
 15' (4.5 m) AWAY**

STANDARD 701001-02



For contract construction projects

ROAD CONSTRUCTION AHEAD

W20-1103(0)-48

W21-1(0)-48

For maintenance and utility projects

ROAD WORK AHEAD




W20-1(0)-48

TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Delineator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

SYMBOLS

-  Work area
-  Sign
-  Cone, drum or barricade

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L=(W)(S)$	$L=0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

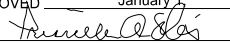
All dimensions are in inches (millimeters) unless otherwise shown.

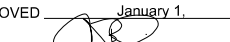
DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05

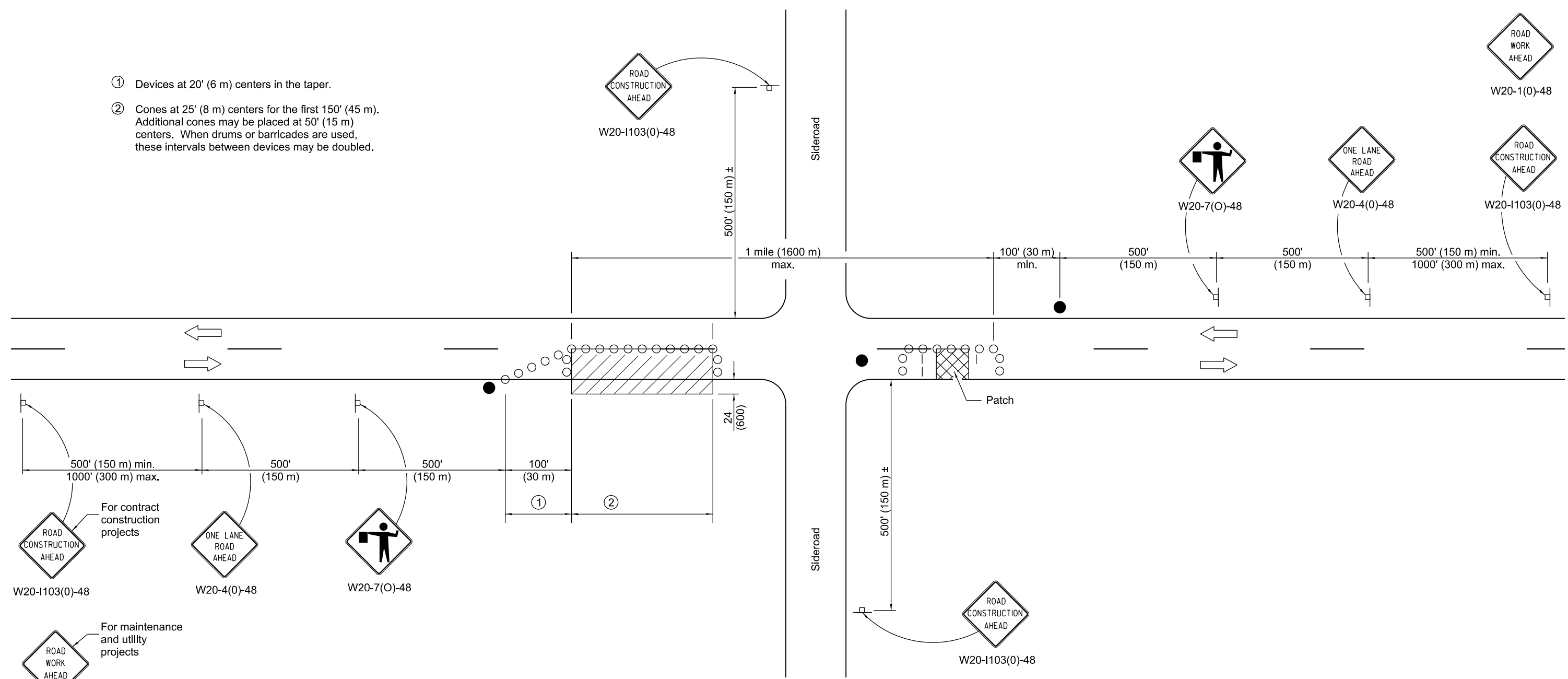
Illinois Department of Transportation

APPROVED January 1, 2014

 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014

 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

- ① Devices at 20' (6 m) centers in the taper.
- ② Cones at 25' (8 m) centers for the first 150' (45 m). Additional cones may be placed at 50' (15 m) centers. When drums or barricades are used, these intervals between devices may be doubled.



TYPICAL APPLICATIONS

Isolated patching
 Utility operations
 Storm sewer
 Culverts
 Cable placement

SYMBOLS

- Work area
- Sign
- Barricade or drum
- Cone, drum or barricade
- Flagger with traffic control sign

GENERAL NOTES

This Standard is used where at any time, any vehicles, equipment, workers or their activities will encroach in the area between the center line and a line 24 (600) outside the edge of pavement for daylight operation.

When the distance between successive work areas exceeds 2000' (600 m), additional warning signs, flaggers, and taper shall be placed as shown.

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

Illinois Department of Transportation

APPROVED January 1, 2019
[Signature]
 ENGINEER OF SAFETY PROG. AND ENGINEERING

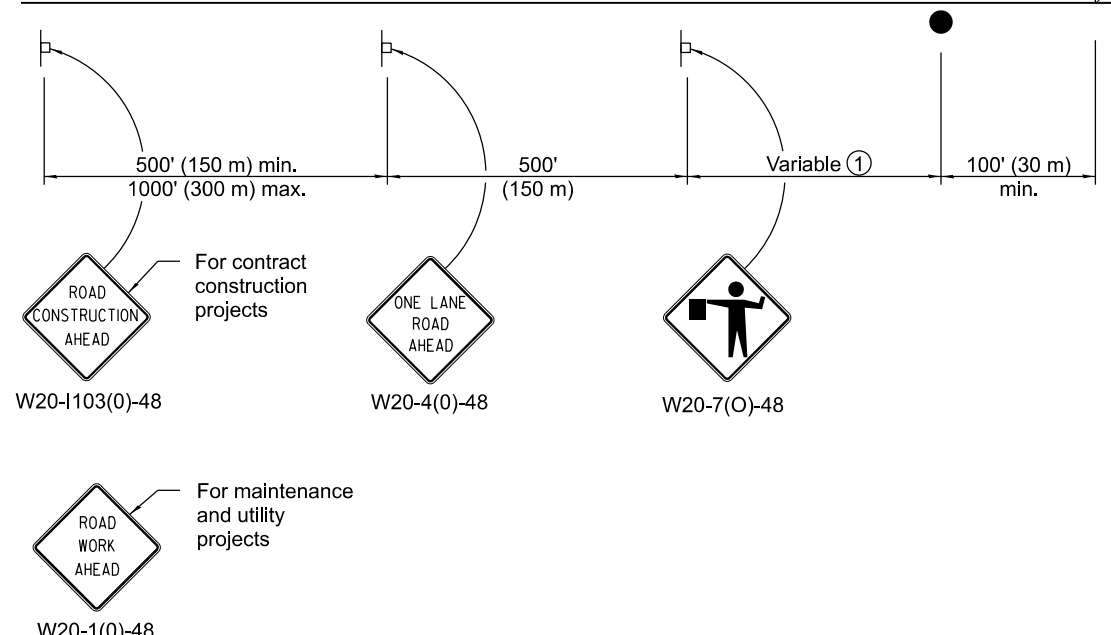
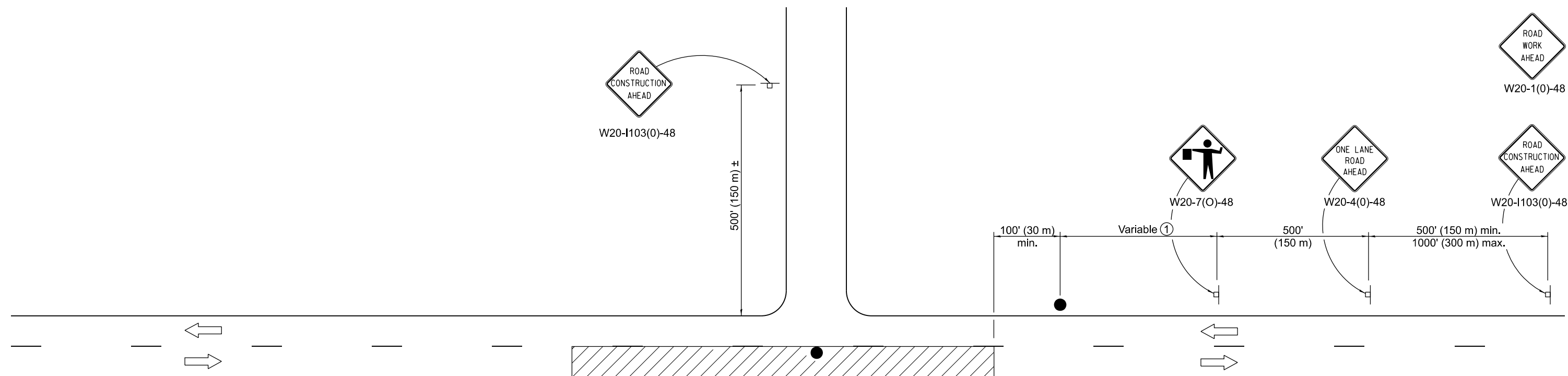
APPROVED January 1, 2019
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-19	Revised device spacing in taper.
1-1-11	Revised flagger sign.

**LANE CLOSURE, 2L 2W,
 DAY ONLY,
 FOR SPEEDS ≥ 45 MPH**

STANDARD 701201-05



TYPICAL APPLICATIONS

- Bituminous resurfacing
- Milling operations
- Utility operations
- Shoulder operations

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

① Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed 1/2 the length required for one normal working day's operation or 2 miles (3200 m), whichever is less.

GENERAL NOTES

This Standard is used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the pavement where the average speed of movement is greater than 1/2 mph (1 km/h) and less than 4 mph (6 km/h).

When the operation does not exceed 60 minutes, traffic control may be according to Standard 701301.

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

Illinois Department of Transportation

APPROVED January 1, 2018

 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2018

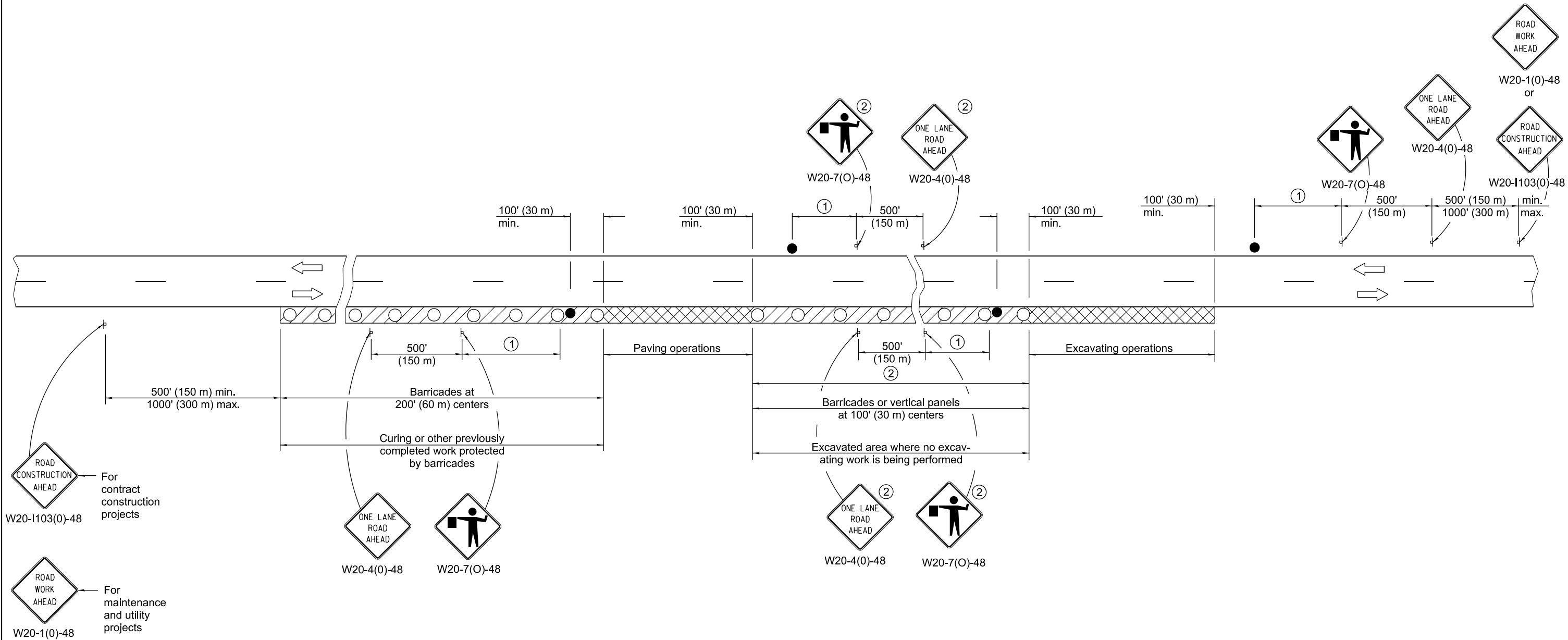
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-18	Revised lower speed limit for operation to 1/2 mph.
1-1-11	Revised flagger sign.

LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH

STANDARD 701306-04



For contract construction projects
W20-1103(0)-48

For maintenance and utility projects
W20-1(0)-48

W20-4(0)-48

W20-7(O)-48

W20-4(0)-48

W20-7(O)-48

SYMBOLS

- Work area
- Active Work area
- Sign
- Barricade, drum, or vertical panels
- Flagger with traffic control sign

- ① Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but in no case to exceed the length of 1/2 day's normal operation or 2 miles (3200 m) whichever is less.
- ② Signs are not required if distance between work operations is less than 2000' (600 m) unless restricted sight distance exists.

GENERAL NOTES

This Standard is used where at any time, any vehicle, equipment, workers or their activities will encroach on the pavement during widening operations.

Two flaggers are required for each separate operation.

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

Illinois Department of Transportation

APPROVED January 1, 2011
Amelia A. Davis
 ENGINEER OF SAFETY ENGINEERING

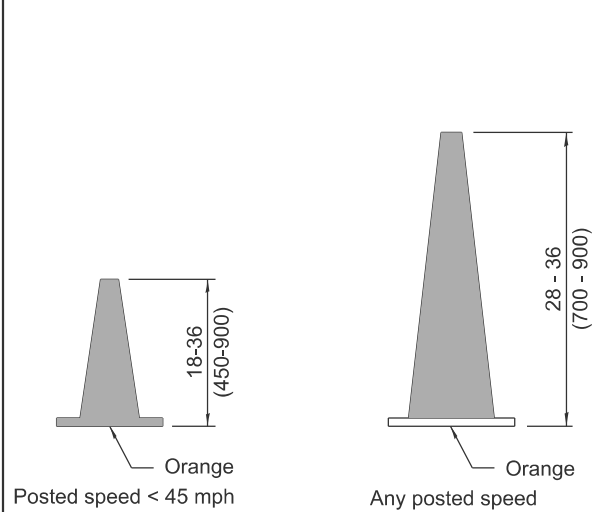
APPROVED January 1, 2011
Scott Schickel
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

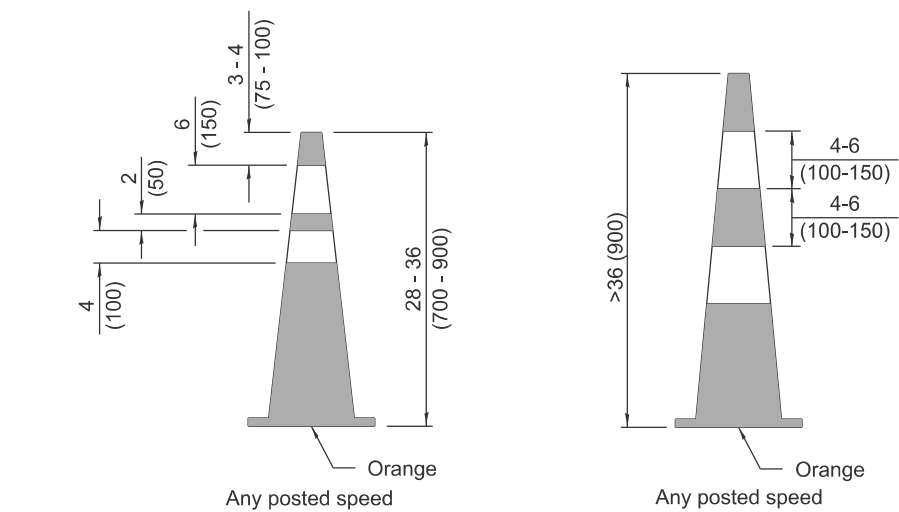
DATE	REVISIONS
1-1-11	Revised flagger signs.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

**LANE CLOSURE, 2L, 2W,
 PAVEMENT WIDENING
 FOR SPEEDS ≥ 45 MPH**

STANDARD 701326-04

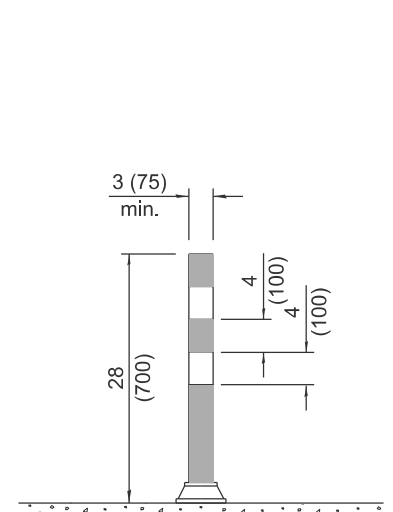


DAYTIME USE

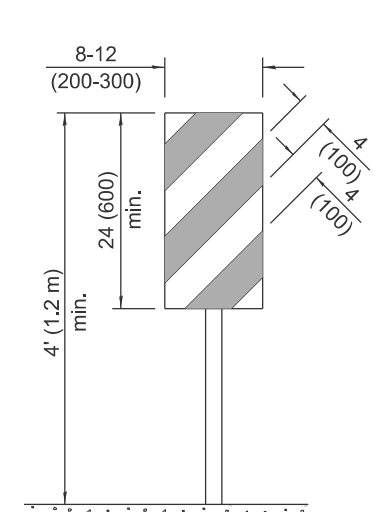


DAY OR NIGHTTIME USE

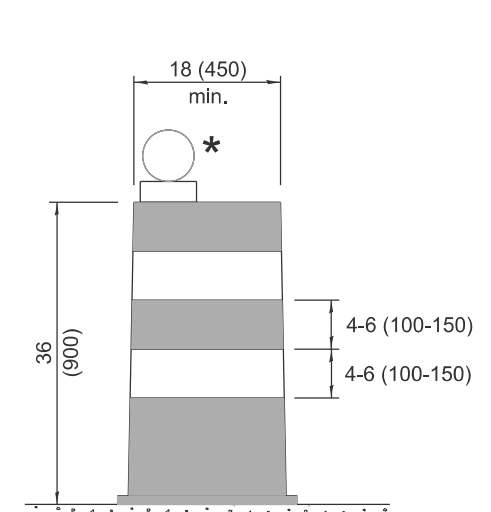
CONES



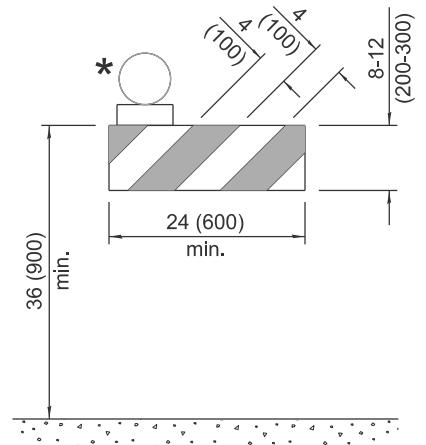
TUBULAR MARKER



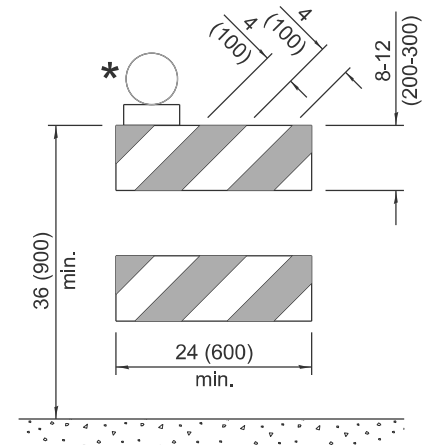
VERTICAL PANEL POST MOUNTED



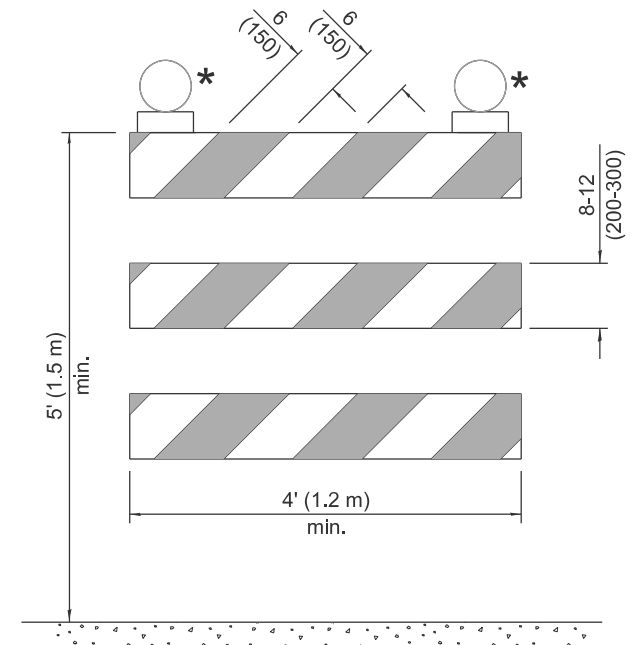
DRUM



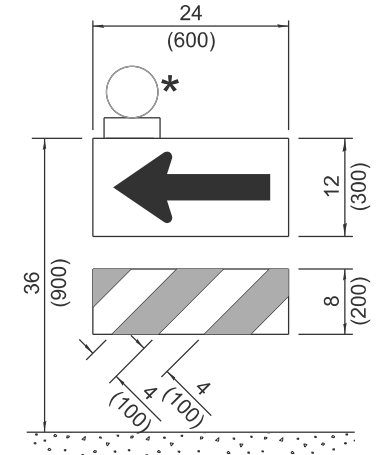
TYPE I BARRICADE



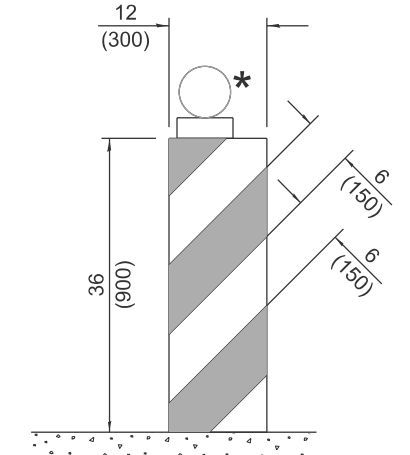
TYPE II BARRICADE



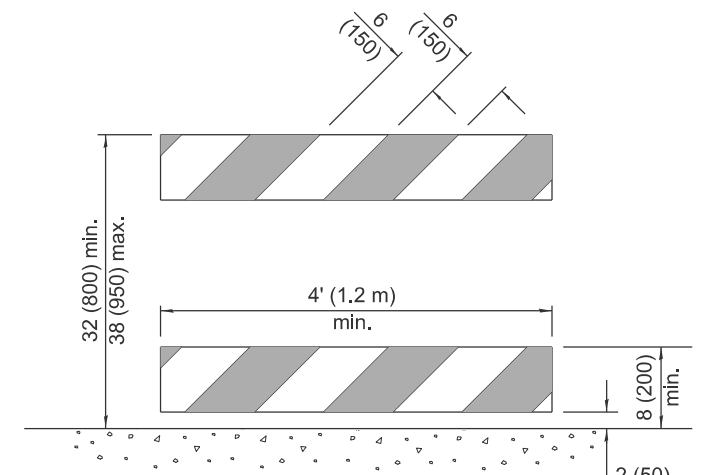
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

DATE	REVISIONS
1-1-26	Updated Detectable Pedestrian Channelizing Barricade (sht. 1) & Temporary Rumble Strips details (sht. 3)
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3).

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-11

Illinois Department of Transportation

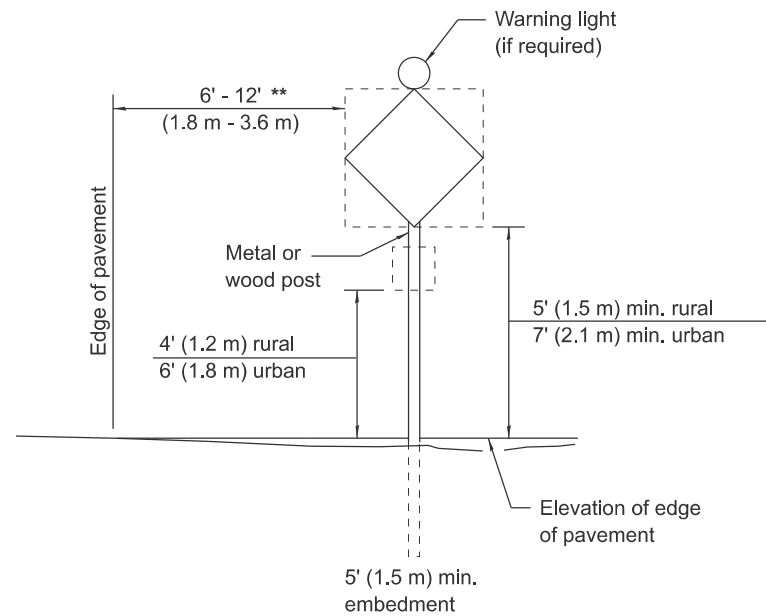
APPROVED January 1, 2026

 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2026

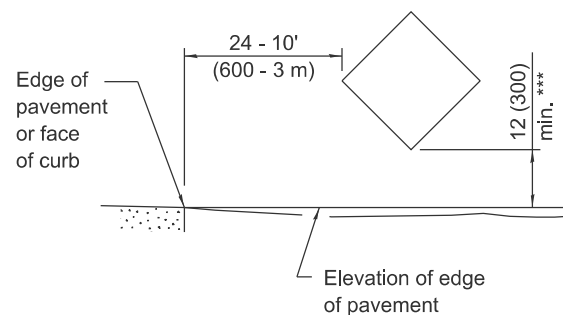
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13



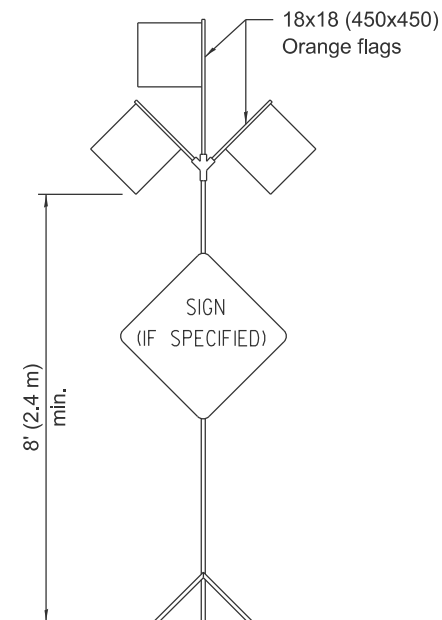
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

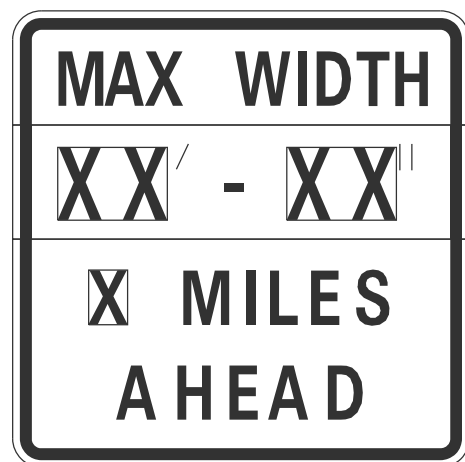


SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



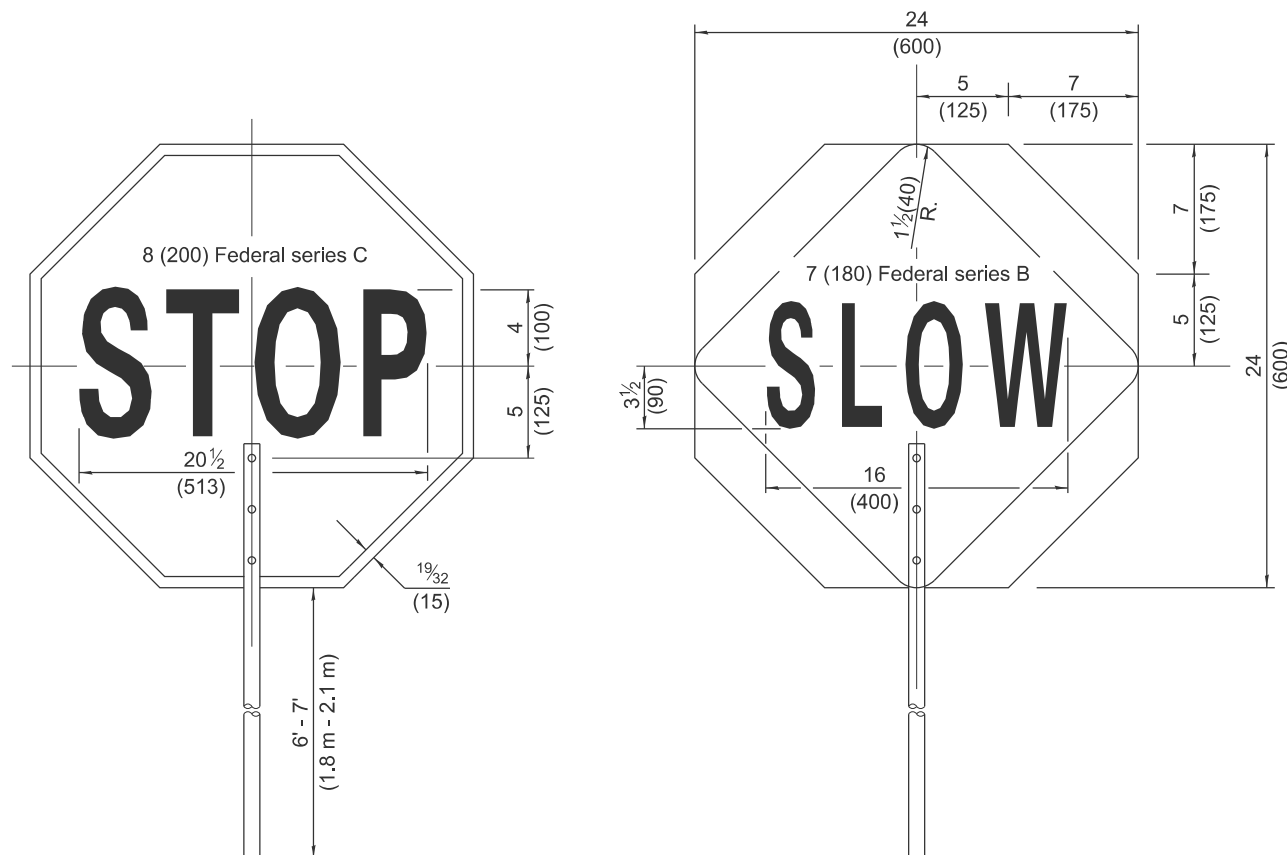
HIGH LEVEL WARNING DEVICE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE

REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



G20-1104(0)-6036



G20-1105(0)-6024

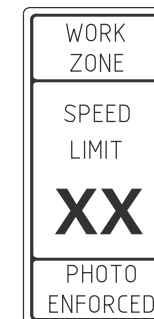
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



W21-1115(0)-3618

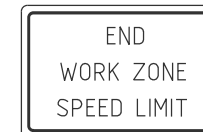
R2-1-3648

R10-1108p-3618 ****



R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-1103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-1108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

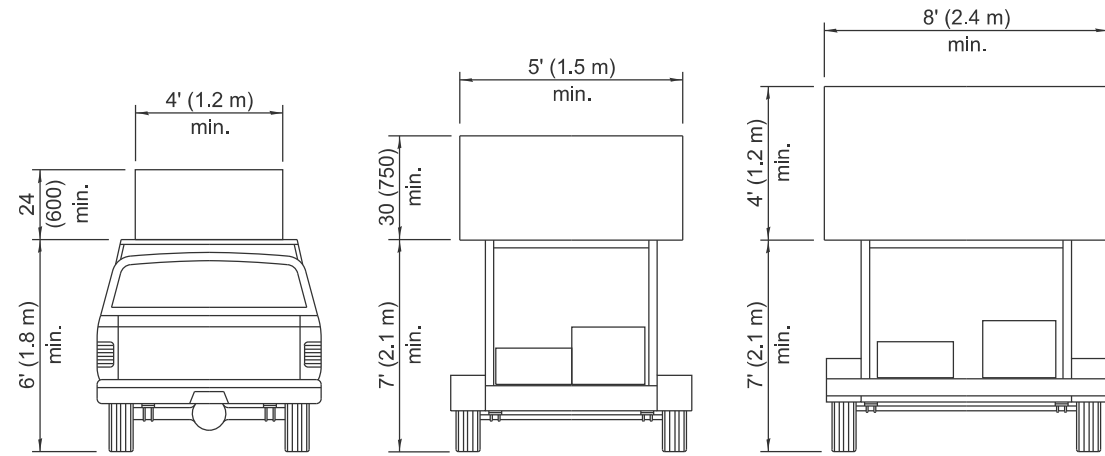
STANDARD 701901-11

Illinois Department of Transportation

APPROVED January 1, 2026
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

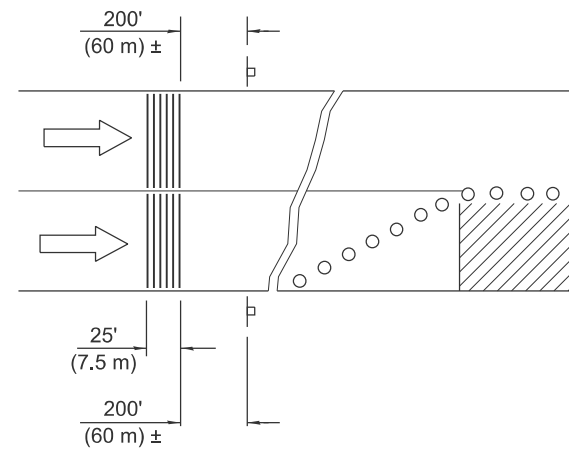


**TYPE A
ROOF
MOUNTED**

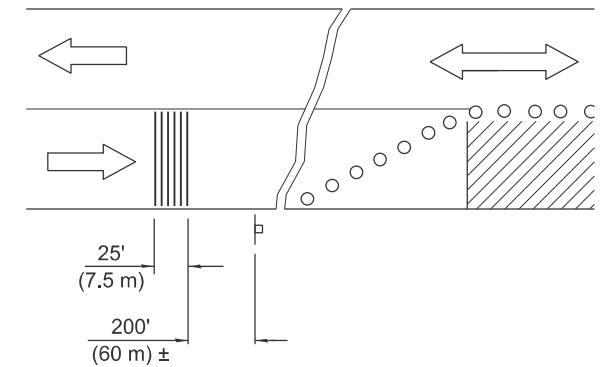
**TYPE B
ROOF OR TRAILER
MOUNTED**

**TYPE C
TRAILER
MOUNTED**

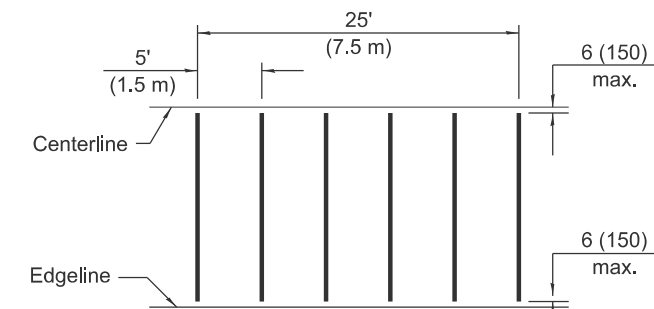
ARROW BOARDS



MULTI-LANE HIGHWAYS

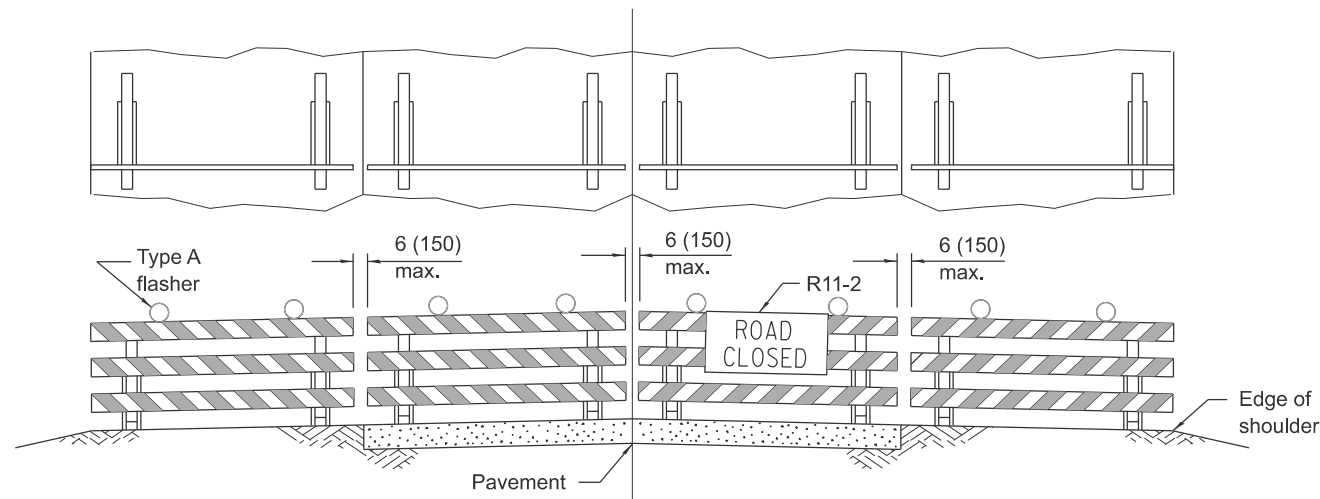


TWO-LANE HIGHWAYS



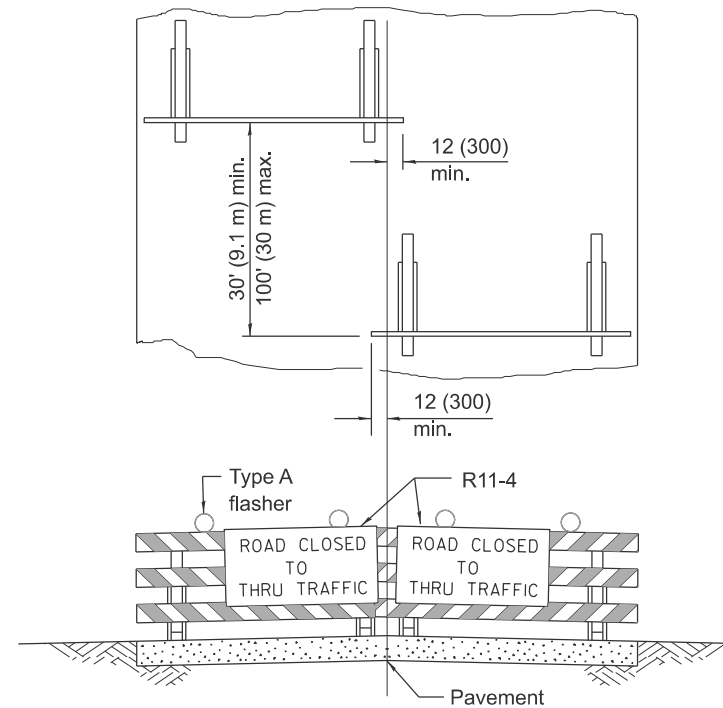
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades.

**TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD**

If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

Illinois Department of Transportation

APPROVED January 1, 2026
ENGINEER OF SAFETY PROG. AND ENGINEERING

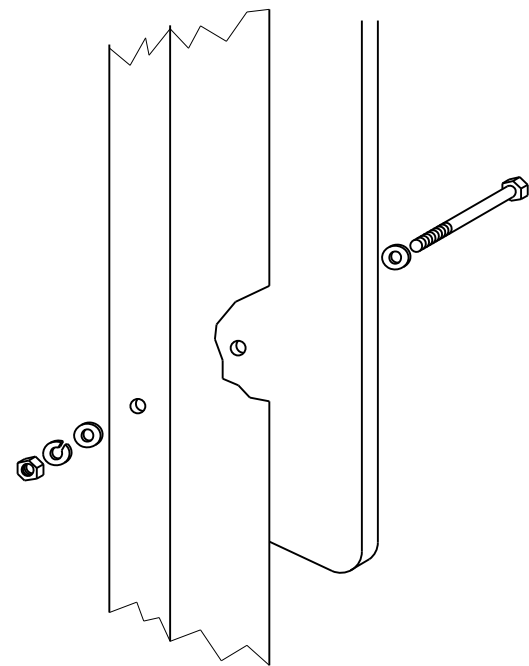
APPROVED January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

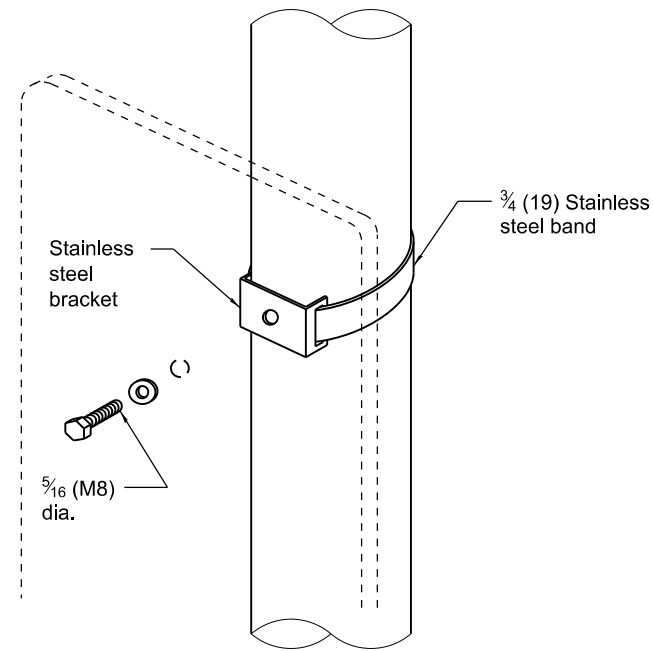
**TRAFFIC CONTROL
DEVICES**

(Sheet 3 of 3)

STANDARD 701901-11

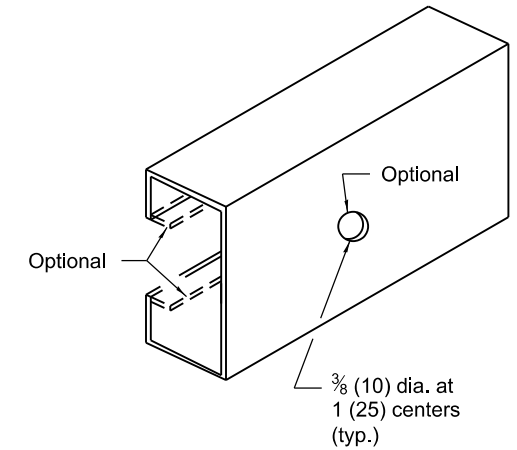
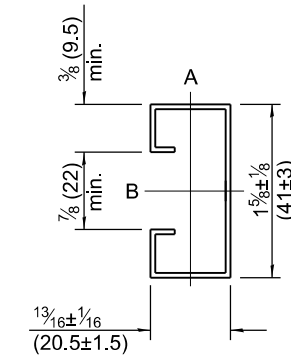


Sign panel 36 (900) wide or less

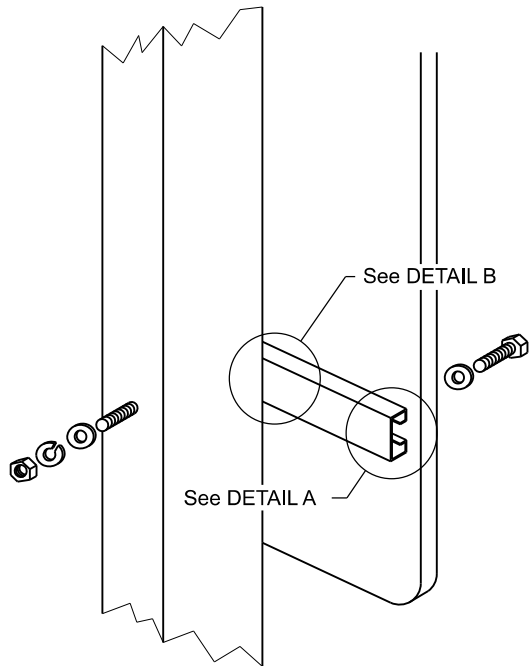


Sign panel 36 (900) wide or less

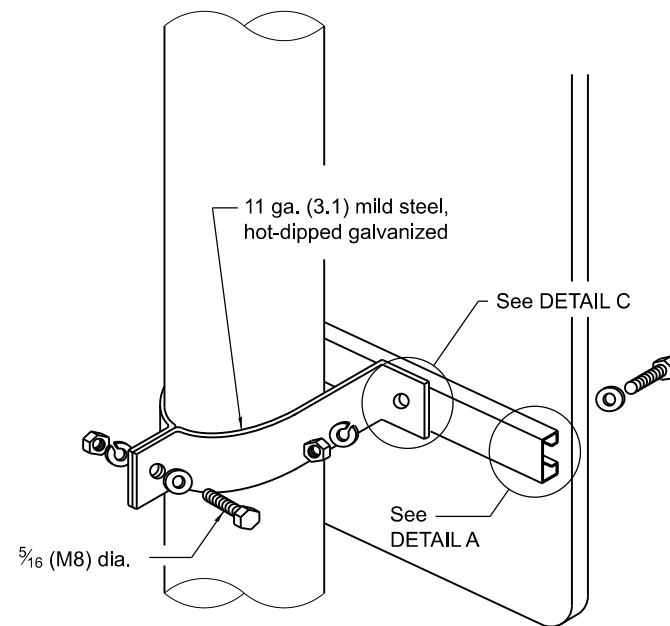
Section modulus (minimum)	Axis A	Axis B
Steel	0.050 in. ³ (819 mm ³)	0.105 in. ³ (1720 mm ³)
Aluminum	0.150 in. ³ (2458 mm ³)	0.315 in. ³ (5162 mm ³)



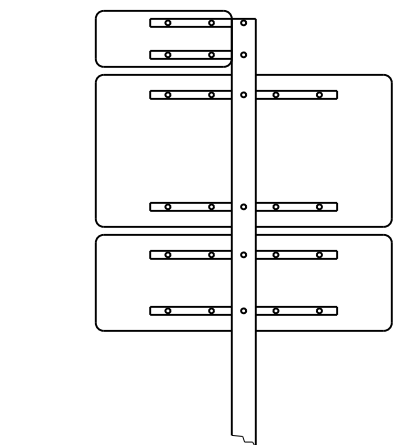
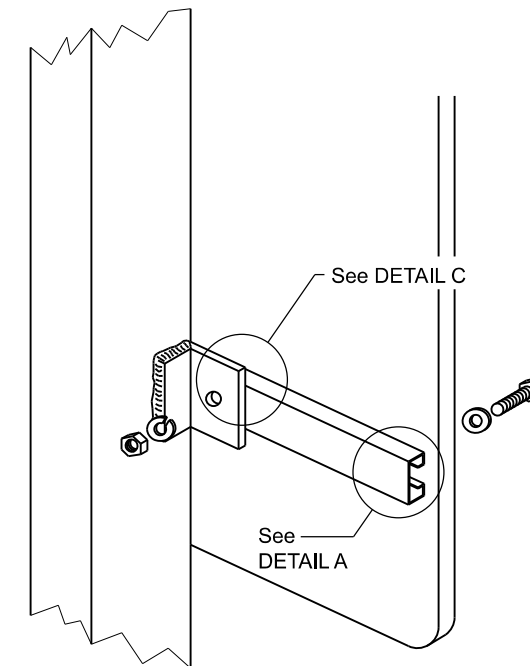
SUPPORTING CHANNEL DETAILS



Sign panel over 36 (900) wide



Sign panel over 36 (900) wide



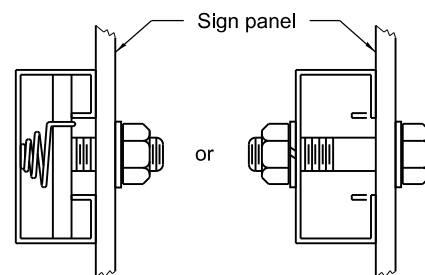
ROUTE MARKER ASSEMBLY

WOOD OR TELESCOPING STEEL POSTS

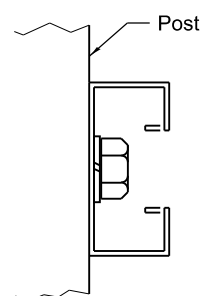
LIGHT OR SIGNAL STANDARDS

BREAKAWAY STEEL TUBING POSTS

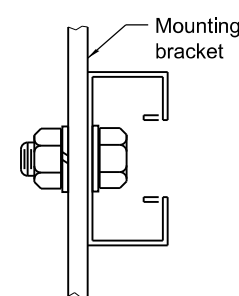
(All sign panel sizes)



DETAIL A



DETAIL B



DETAIL C

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

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2319-6.

SIGN PANEL MOUNTING DETAILS

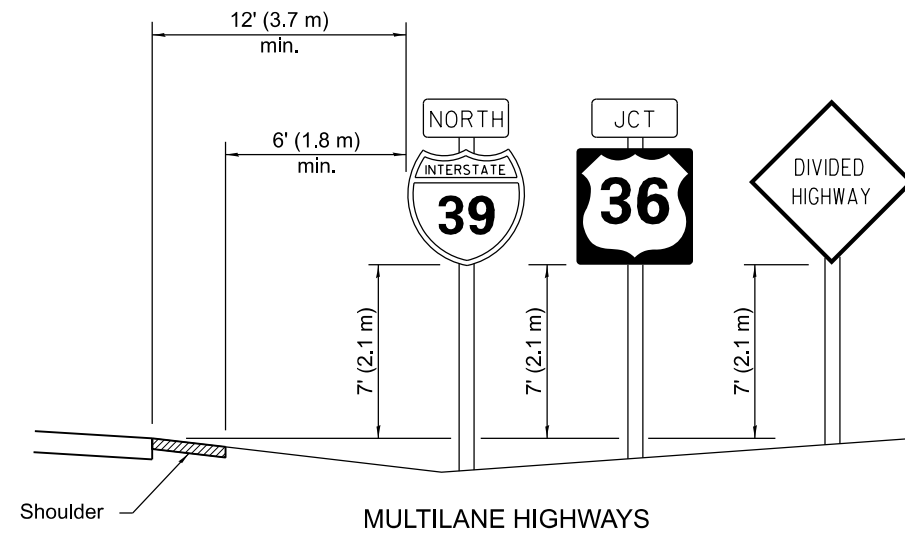
STANDARD 720001-01

Illinois Department of Transportation

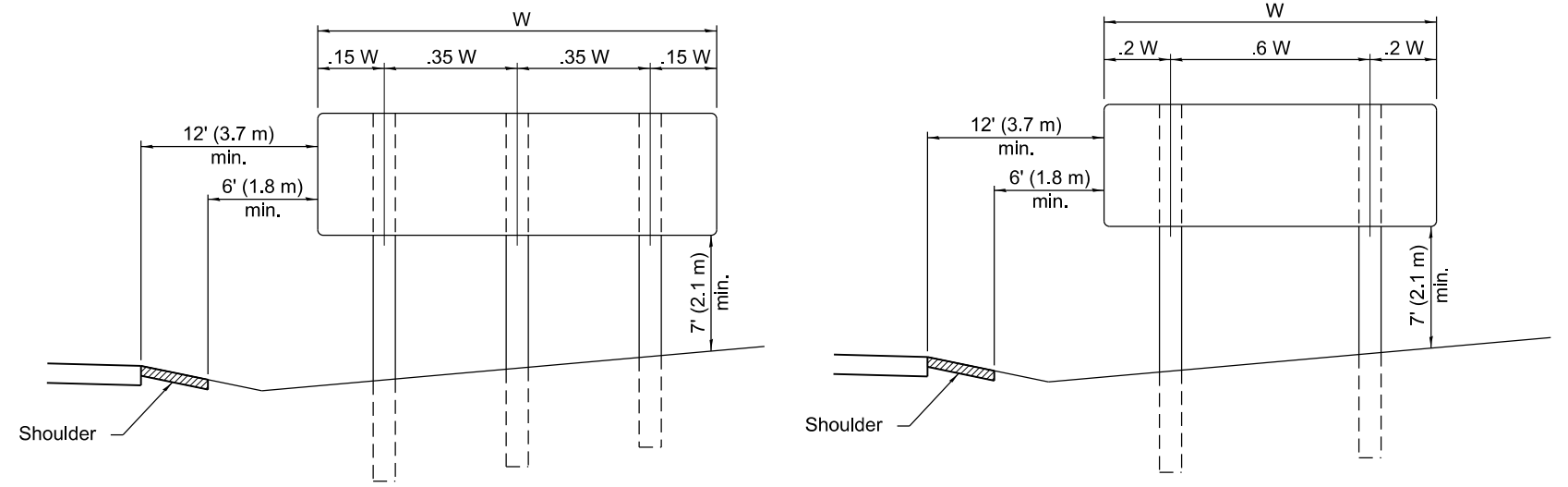
APPROVED January 1, 2009
[Signature]
 ENGINEER OF OPERATIONS

APPROVED January 1, 2009
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

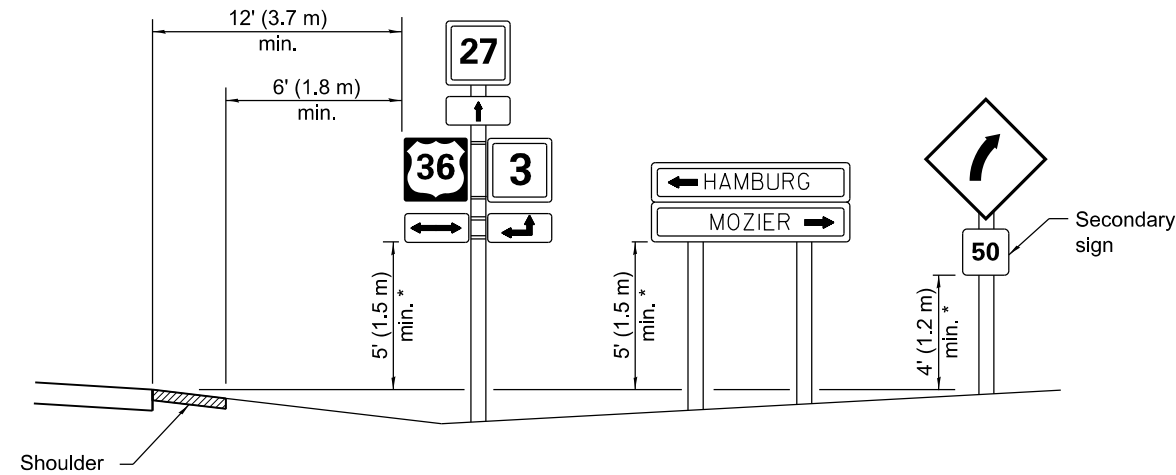
ISSUED 1-1-97



MULTILANE HIGHWAYS

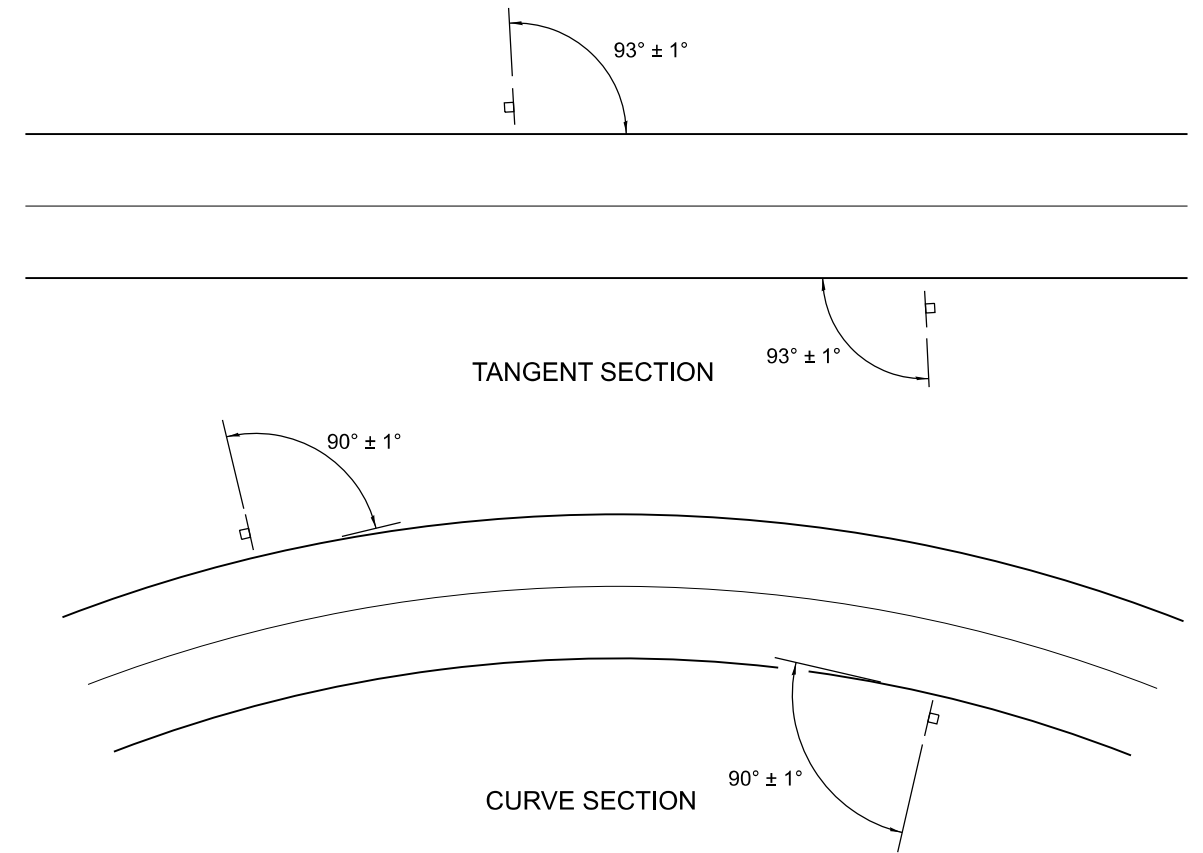


POST SPACING FOR NON-FREEWAY SIGN PANELS

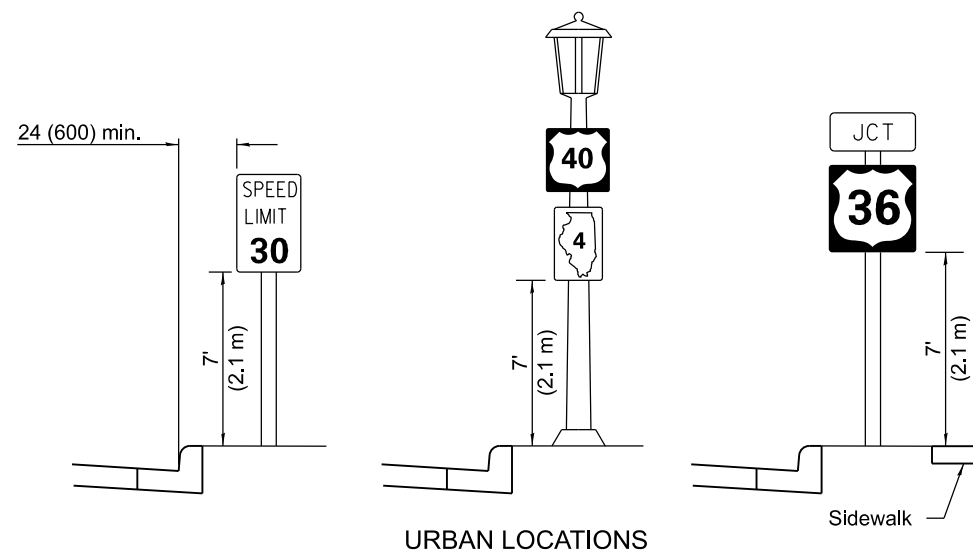


* In any area where parking is likely to occur or where there are obstructions to view or where signs are located over sidewalks, the height shall be at least 7' (2.1 m).

TWO LANE RURAL HIGHWAYS



GROUND MOUNT SIGN POSITIONING



URBAN LOCATIONS

TYPICAL INSTALLATIONS

Signs in any area shall be erected to a uniform height above the edge of the pavement.

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

Illinois Department of Transportation

APPROVED January 1, 2014
Justin Mann
 ENGINEER OF OPERATIONS

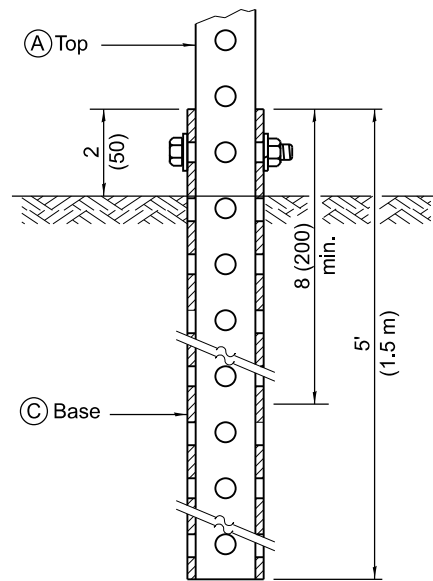
APPROVED January 1, 2014
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

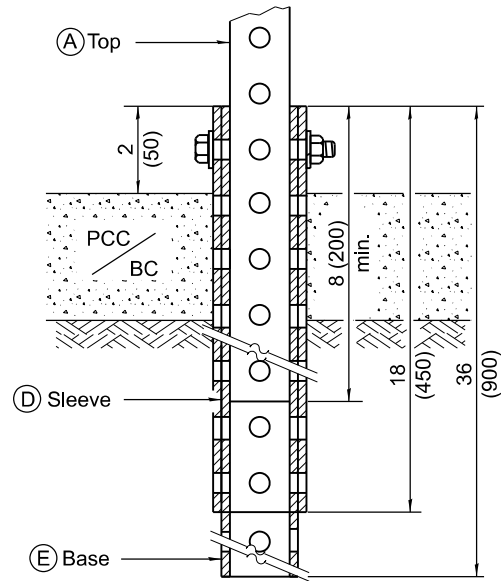
DATE	REVISIONS
1-1-14	Added shoulder and slopes. Changed sign distances from roadway and shoulder.
1-1-12	Revised sign elevation for multilane highways. Revised sign elevation and distance to curb for rural location.

SIGN PANEL ERECTION DETAILS

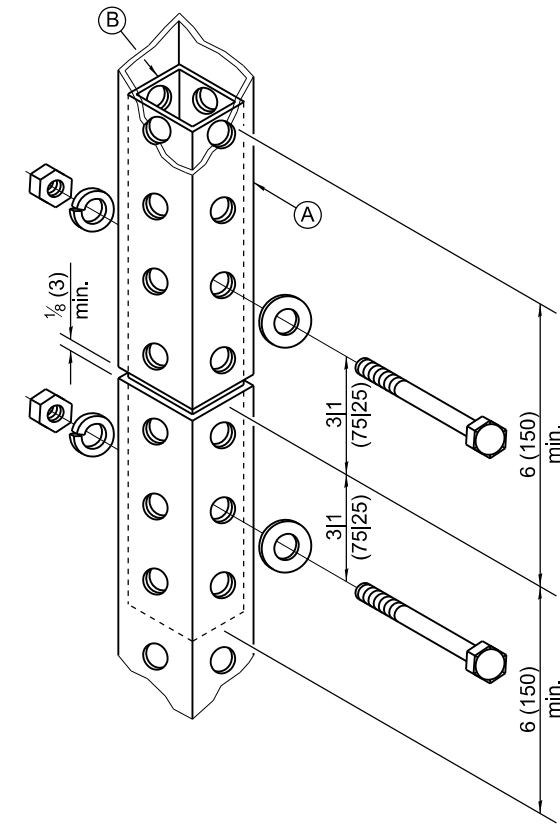
STANDARD 720006-04



GROUND MOUNT DETAIL



PAVEMENT MOUNT DETAIL



SPLICE DETAIL

(A)	2 x 2 x var. (51 x 51 var.)
(B)	1 3/4 x 1 3/4 x 12 (44 x 44 x 300)
(C)	2 1/4 x 2 1/4 x 60 (57 x 57 x 1500)
(D)	2 1/2 x 2 1/2 x 18 (64 x 64 x 450)
(E)	2 1/4 x 2 1/4 x 36 (57 x 57 x 900)

GENERAL NOTES

All bolts 3/8" (M10) hex head zinc or cadmium plated.

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

Illinois Department of Transportation

APPROVED January 1, 2009

 ENGINEER OF OPERATIONS

APPROVED January 1, 2009

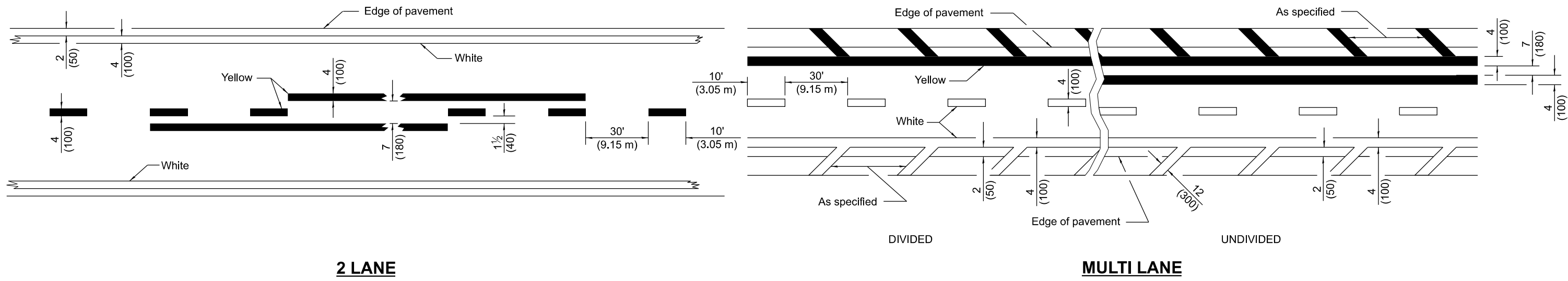
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	New Standard. Used to be part of Standard 72006.

TELESCOPING STEEL SIGN SUPPORT

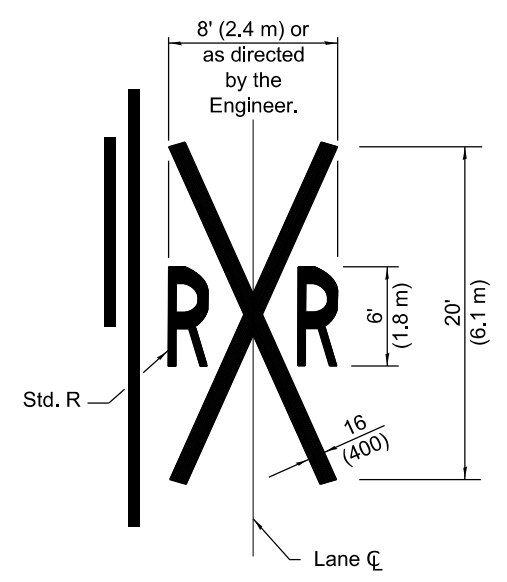
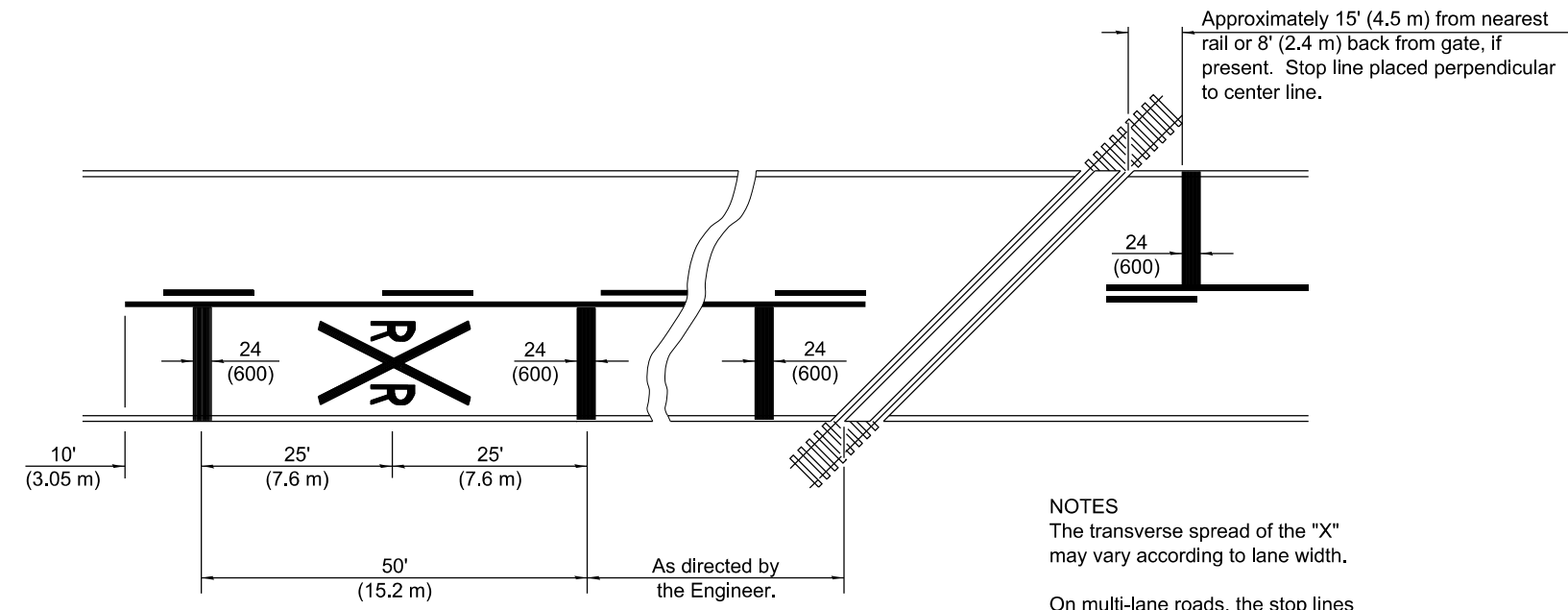
STANDARD 728001-01



2 LANE

MULTI LANE

LANE AND EDGE LINES



NOTES
 The transverse spread of the "X" may vary according to lane width.
 On multi-lane roads, the stop lines shall extend across all approach lanes and separate RXR symbols shall be placed adjacent to each other in each lane.
 When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.

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

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

DATE	REVISIONS
1-1-15	Added symbols. Revised bike symbol.
	Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed 'LANE
	DROP ARROW' detail to 'LANE-REDUCTION ARROW'.

TYPICAL PAVEMENT MARKINGS

(Sheet 1 of 3)

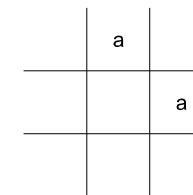
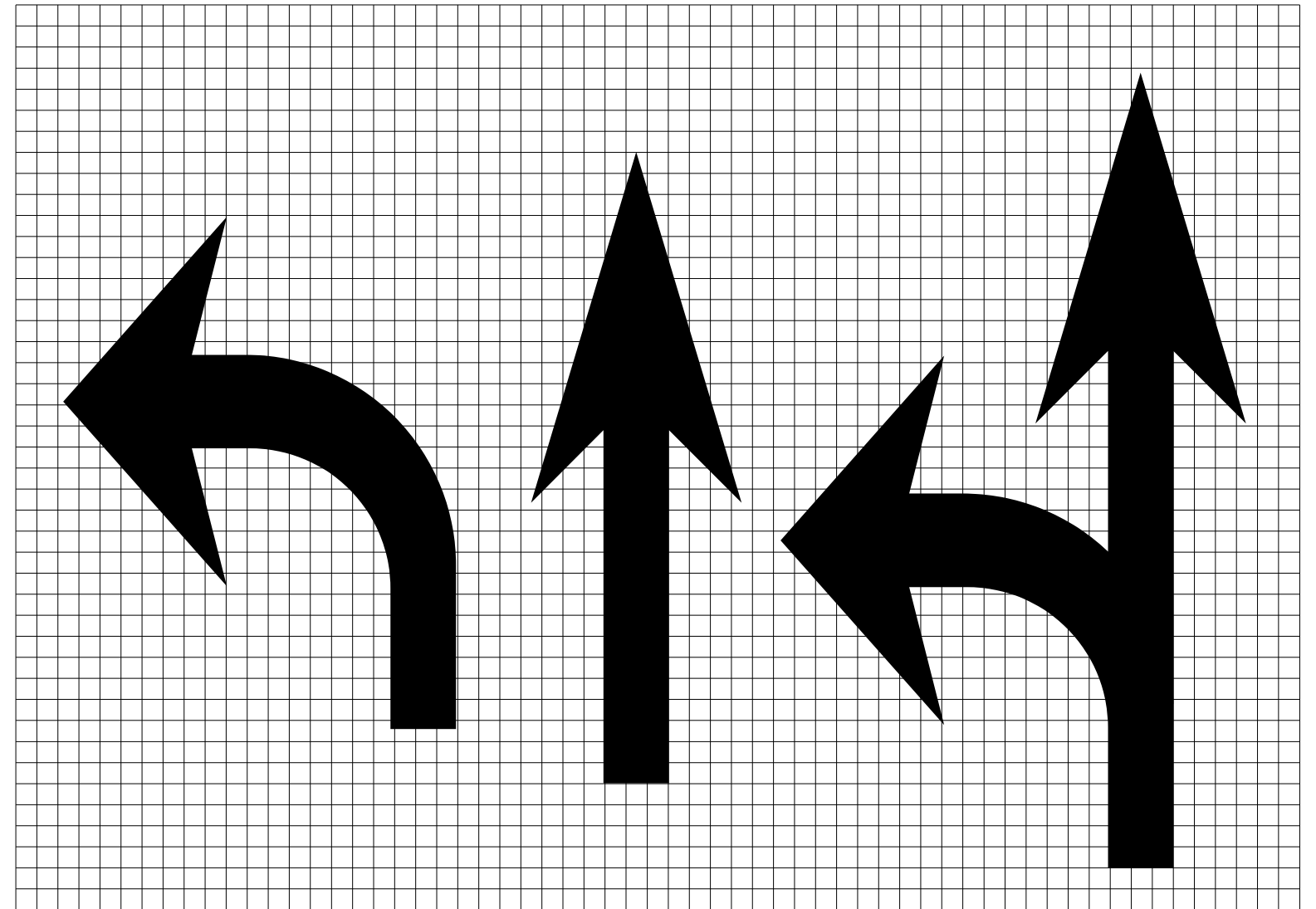
STANDARD 780001-05

Illinois Department of Transportation

APPROVED January 1, 2015
Amy Ellis
 ENGINEER OF OPERATIONS

APPROVED January 1, 2015
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT


ISSUED 1-1-97



Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

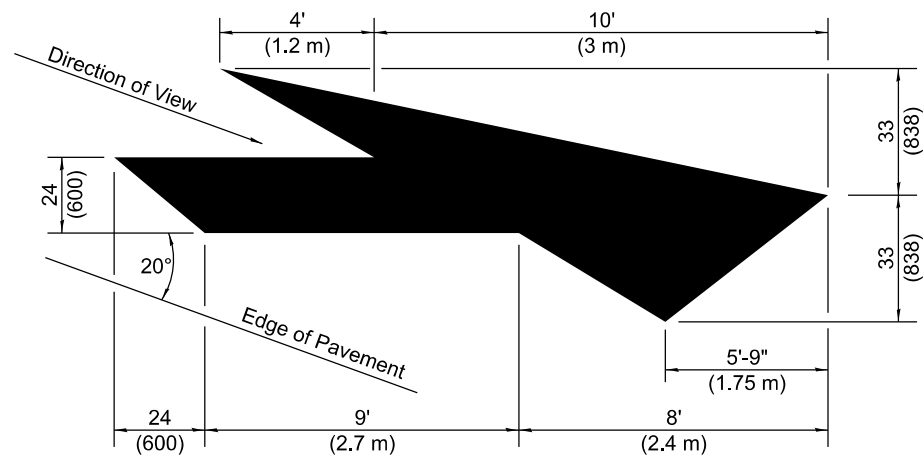
The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

 Illinois Department of Transportation
 APPROVED January 1, 2015
Amy Ellis
 ENGINEER OF OPERATIONS
 APPROVED January 1, 2015
RE
 ENGINEER OF DESIGN AND ENVIRONMENT

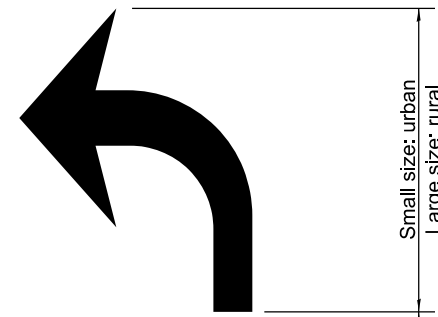
ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS
 (Sheet 2 of 3)
STANDARD 780001-05



LANE-REDUCTION ARROW

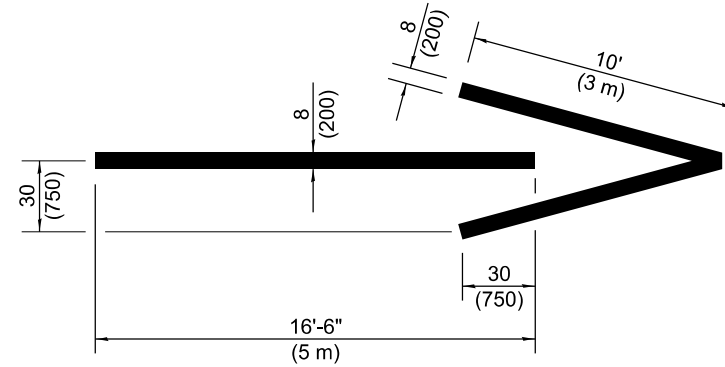
Right lane-reduction arrow shown.
Use mirror image for left lane.



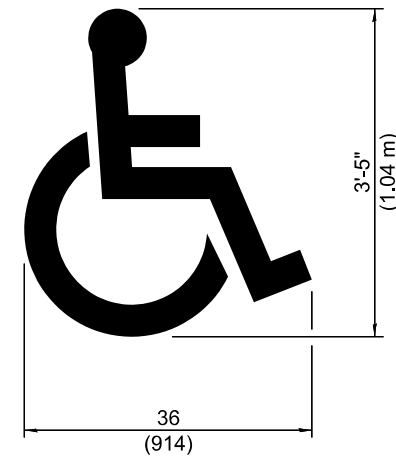
20' (6 m): urban
50' (15 m): rural
(Between arrow
and word or
between words)



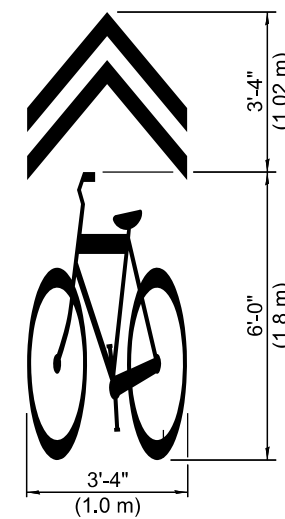
WORD AND ARROW LAYOUT



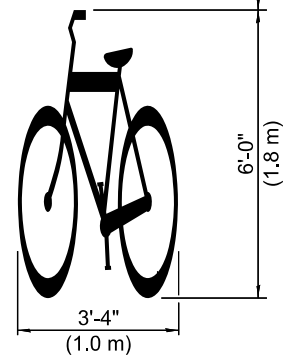
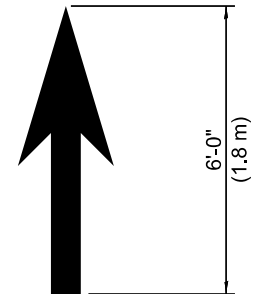
WRONG WAY ARROW



**INTERNATIONAL
SYMBOL OF
ACCESSIBILITY**



**SHARED LANE
SYMBOL**



BIKE SYMBOL
(Arrow is optional.)

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APPROVED January 1, 2015

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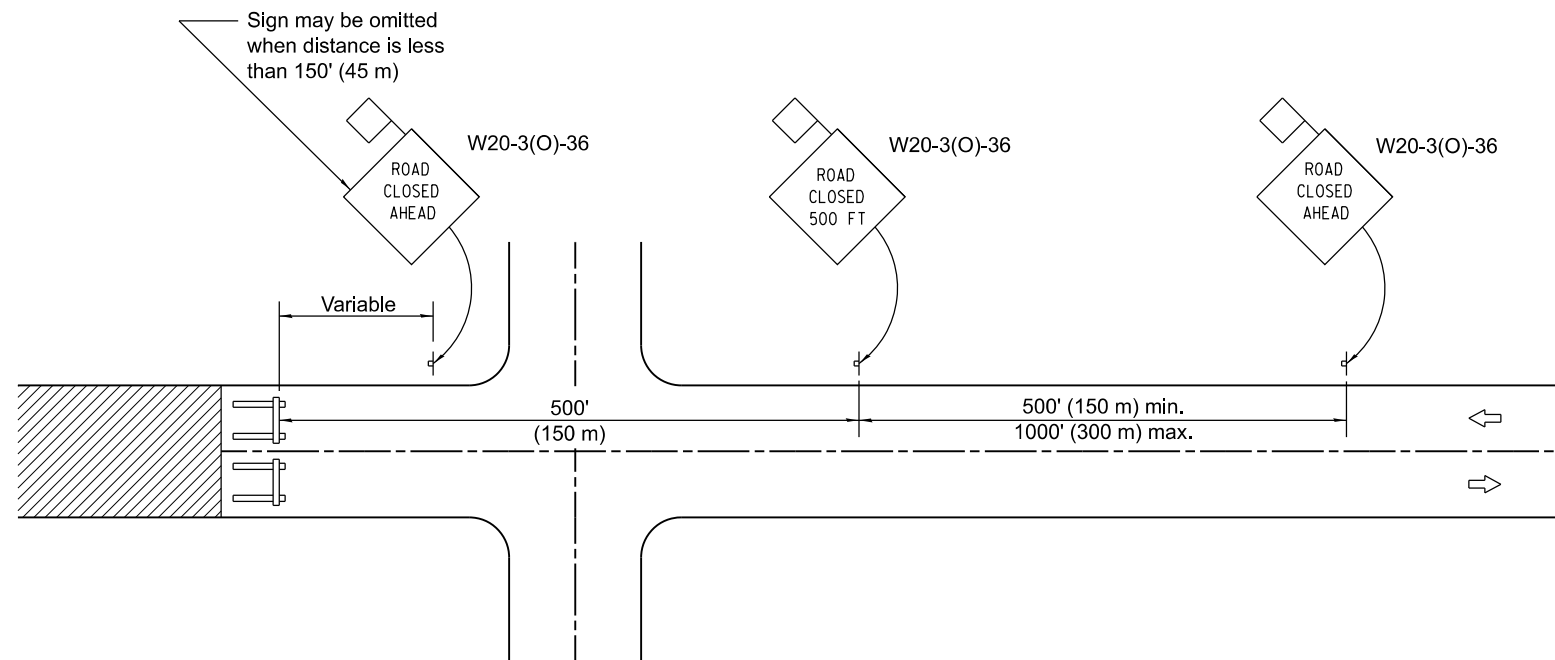
 ENGINEER OF DESIGN AND ENVIRONMENT

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**TYPICAL PAVEMENT
MARKINGS**

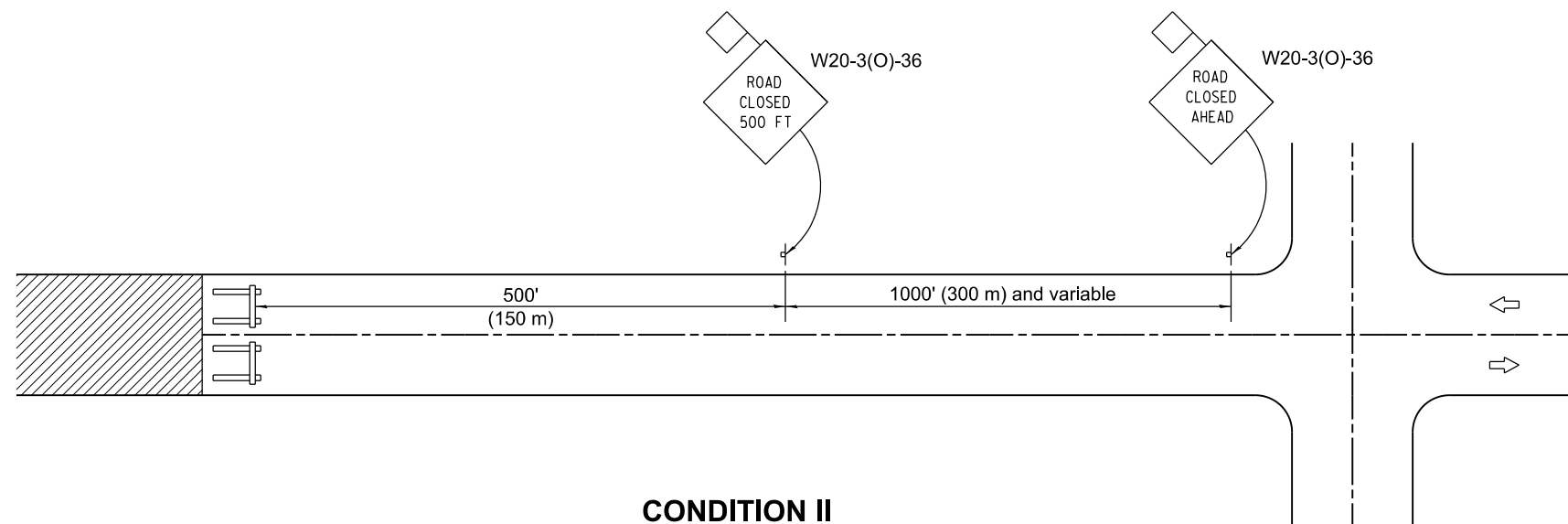
(Sheet 3 of 3)

STANDARD 780001-05



CONDITION I

When distance from closure to crossroad is less than 1500' (450 m)



CONDITION II

When distance from closure to crossroad is greater than 1500' (450 m)

SYMBOLS



Work area



Type III Barricade



Sign with 18 x 18 (450x450) min. orange flag attached

GENERAL NOTES

Type III Barricades and R11-2-4830 signs shall be positioned as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area during hours of darkness. One light shall be installed above the barricades and the other above the first advance warning sign.

All warning signs shall have minimum dimensions of 36 x 36 (900 x 900) and have a black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

Longitudinal dimensions may be adjusted to fit field conditions.

When the distance between the barricade and the intersection is between 1500' (450 m) and 2000' (600 m), the advance sign shall be placed at the intersection. When the distance between the barricade and the intersection is over 2000' (600 m), an additional sign shall be placed at the intersection. The additional sign shall give the distance to the barricade in miles or fractions of a mile.

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

Illinois Department of Transportation

APPROVED January 1, 2012
Danell Lewis
 ENGINEER OF LOCAL ROADS AND STREETS

APPROVED January 1, 2012
Scott Schick
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-12	Omitted two notes from GENERAL NOTES.
1-1-09	Switched units to English (metric).

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

STANDARD B.L.R. 21-9