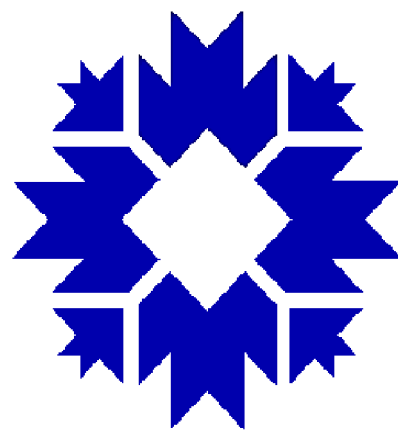


CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT

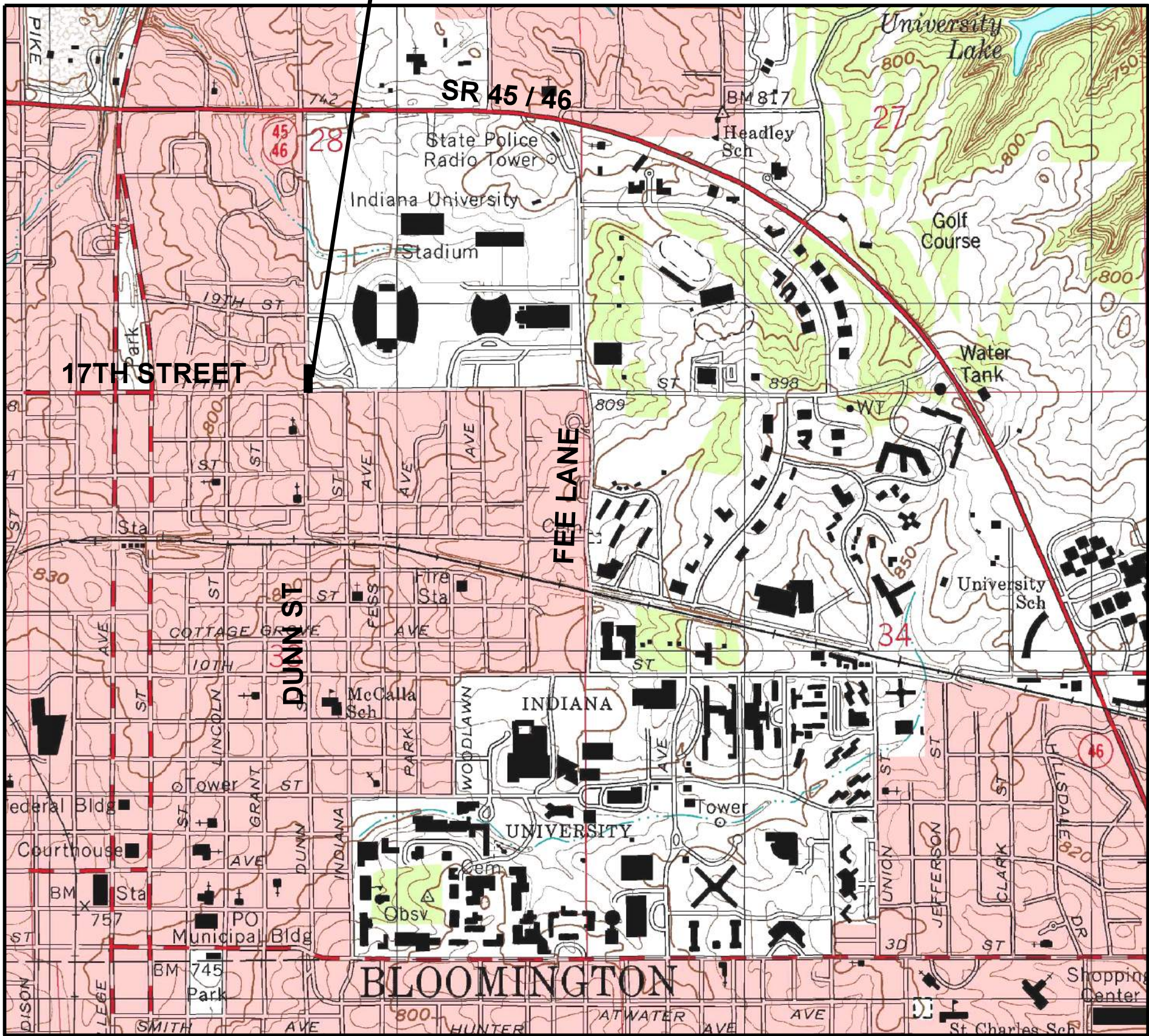


NORTH DUNN STREET SIDEWALK CONNECTION

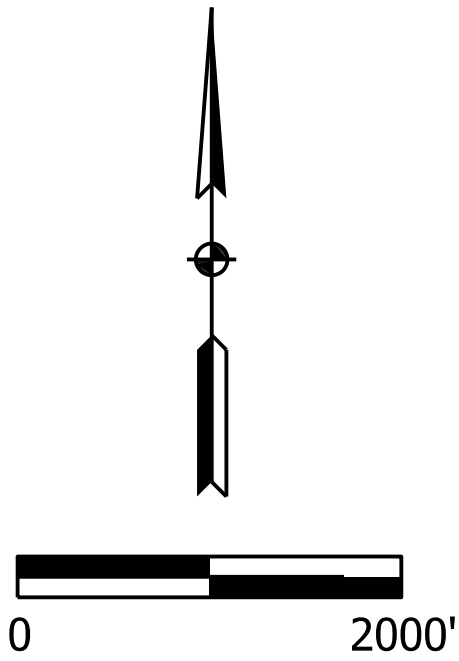
INDEX OF DRAWINGS

- 1 TITLE SHEET, INDEX
- 2 GENERAL NOTES, LEGEND, UTILITY DATA, SUMMARY OF QUANTITIES TABLE, STRUCTURE DATA TABLE
- 3 MISCELLANEOUS DETAILS
- 4 PLAN AND PROFILE

PROJECT SITE:
NORTH DUNN STREET SIDEWALK CONNECTION



LOCATION MAP
INDIANA UNIVERSITY
BLOOMINGTON, INDIANA



INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS CURRENT EDITION
TO BE USED WITH THESE PLANS.

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8720 Castle Creek Pkwy E Dr, Suite 400,
Indianapolis, IN 46250
<https://eticagroup.com>



RECOMMENDED FOR APPROVAL	<i>B. Ridgway</i>	DESIGN ENGINEER	9-20-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON
DUNN STREET SIDEWALK CONNECTION

TITLE SHEET, INDEX

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	ETICA PROJECT
N/A	240039
SURVEY BOOK	SHEETS
N/A	1 of 4
CONTRACT	
N/A	

DUNN STREET SIDEWALK CONNECTION

UTILITIES		
ELECTRIC:	TELECOMMUNICATIONS:	TELECOMMUNICATIONS (CONT.):
DUKE ENERGY SITE MEETS AND COORDINATION: del-cline-coord@duke-energy.com ATTN: CINDY ROWLAND Cindy.rowland@duke-energy.com 317-776-5341 CHRISTINA GIROD Christina.girod@duke-energy.com 317-273-9596 LIGHTING CONTACT: ATTN: CRAIG BARKER Craig.barker@duke-energy.com 317-452-3743 GAS: CENTERPOINT ENERGY (FORMER VECTREN) ATTN: ARIEL THOMAS athomas@centerpointenergy.com 812-272-2438 STORM/SANITARY/WATER: CITY OF BLOOMINGTON UTILITIES - MUNICIPAL UTILITY ATTN: JANE FLEIG, P.E. Fleigj@bloomington.in.gov 812-349-3631 600 E. MILLER DRIVE BLOOMINGTON, IN 47404	AT&T ATTN: TOD MOORE Tm1925@att.com O: 812-234-4718; CELL: 812-606-2957 4517 INDIANA BELL COURT BLOOMINGTON, IN 47408 BLOOMINGTON DIGITAL UNDERGROUND ATTN: ROB CRONK Rob.cronk@bloomington.in.gov 812-398-3454 401 N. MORTON STREET SUITE 160 BLOOMINGTON, IN 47404 COMCAST ATTN: RICHARD MILLER Richard.Miller3@comcast.com 317-945-2670 Steve McArtor Steve.mcartor@cable.comcast.com 812-360-3090 SCOTT TEMPLETON Scott.Templeton@comcast.com 812-822-3262 1600 W. VERNAL PIKE BLOOMINGTON, IN 47404 LUMEN (FORMER LEVEL 3 AND CENTURY LINK) ATTN: GARY CARVER Gary.carver@lumen.com 318-388-9775 ATTN: JOHN UNIVERFERTH 419-771-8332 4625 W. 86TH STREET INDIANAPOLIS, IN 46268	SMITHVILLE COMMUNICATIONS ATTN: JOE BRYNIARSKI Joe.bryniarski@smithville.com 812-320-9317 1600 W. TEMPERANCE STREET ELLETTSVILLE, IN 47429-0729 US SIGNAL ATTN: CHARLIE OLSZEWSKI colczech@ussignal.com 616-988-7194 201 IONIA AVE, SW GRAND RAPIDS, MI 49503 WINDSTREAM (FORMER KDL) ATTN: MARK MILLS Mark.mills@windstream.com 217-460-0002 5020 SMYTHE DRIVE EVANSVILLE, IN 47715 ZAYO ATTN: WAYLON HIGGINS Waylon.higgin@zayo.com 765-341-1199 9209 CASTLEGATE DR. INDIANAPOLIS, IN 46256 INDIANA UNIVERSITY UN-OWNED FACILITIES ATTN: PHIL NICHOLS / SCOT OSBORN pdnichol@indiana.edu scosborn@iu.edu 812-856-2789 IU LOCATES: ATTN: DONNIE GOODWIN drgoodwi@indiana.edu 812-856-1147

GENERAL NOTES
USE OF INDOT STANDARD SPECIFICATIONS: UNLESS OTHERWISE PROVIDED IN THESE PLANS OR THE TECHNICAL SPECIFICATIONS, MATERIALS AND WORKMANSHIP OF THE WORK SHALL BE AS REQUIRED BY THE CURRENT EDITION OF THE INDOT STANDARD SPECIFICATIONS, EXCEPT FOR STORM SEWER WORK, WHICH WILL BE PER CBU SPECIFICATIONS.
USE OF PROPERTY: NO MATERIALS OR EQUIPMENT SHALL BE STORED IN A LOCATION OR MANNER WHICH PRESENTS A HAZARD TO THE PUBLIC OR THE ENVIRONMENT. THE SAFEGUARD OF MATERIALS REMAINING IN THESE AREAS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
COORDINATION OF DRAWINGS, TECHNICAL SPECIFICATIONS AND STANDARD SPECIFICATIONS: THE CONTRACT DOCUMENTS WHICH ARE LISTED IN THE AGREEMENT ARE INTENDED TO BE COMPLEMENTARY AND TO DESCRIBE AND PROVIDE FOR COMPLETE WORK. A REQUIREMENT APPEARING IN ONE IS BINDING AS THOUGH OCCURRING IN ALL. IN CASE OF DISCREPANCY, THE FOLLOWING ORDER OF PRECEDENCE WILL APPLY: 1. CONSTRUCTION AGREEMENT; 2. INSTRUCTIONS TO BIDDERS; 3. SUPPLEMENTARY GENERAL CONDITIONS; 4. PERMITS ISSUED BY FED/STATE/LOCAL AGENCIES 5. TECHNICAL SPECIFICATIONS; 6. GENERAL CONDITIONS; 7. PROJECT DRAWINGS; 8. STANDARD SPECIFICATIONS AS PUBLISHED BY THE INDIANA DEPARTMENT OF TRANSPORTATION, CURRENT EDITION.
PRESENCE OF UTILITIES: EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATED IN ACCORDANCE WITH AVAILABLE RECORDS, LOCATOR'S MARKINGS, AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY ALSO BE PRESENT. EXACT LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.
UTILITY LOCATIONS: CONTRACTOR IS REQUIRED BY LAW TO NOTIFY INDIANA UNDERGROUND LOCATION SERVICE AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION WORK. CONTACT NUMBER IS 811. OTHER LOCAL UTILITIES MAY NOT BE SUBSCRIBERS AND MUST BE CONTACTED INDIVIDUALLY FOR LOCATE REQUESTS.
INCIDENTAL WORK: ALL WORK SHOWN OR SPECIFIED IN THE CONTRACT DOCUMENTS AND OTHER WORK WHICH MAY BE INCIDENTAL TO THE DENOTED WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE TOTAL CONTRACT LUMP SUM PRICE.
PERMITS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY LOCAL PERMITS TO COMPLETE THE WORK AS SHOWN, PERMITS ARE REQUIRED WHEN A RESTRICTION IS TO BE USED FOR CITY STREETS. CONTRACTOR WILL BE REQUIRED TO COMPLETE THE APPLICATION OF SUCH PERMITS WHERE THE PERMIT COORDINATION OR APPLICATION IS NOT YET COMPLETE AT THE TIME OF BIDDING.
STAKING: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STAKING.
UTILITY LOCATION AND PROTECTION: CONTRACTOR WILL BE RESPONSIBLE FOR CALLING IN LOCATES, VERIFYING UTILITY/DEPTHS INCLUDING POT HOLING AS WARRANTED, AND PROTECTING EXISTING UTILITIES IN PLACE. CONTACT ENGINEER IF ADJUSTMENTS ARE NEEDED TO DESIGN TO AVOID A FOUND UTILITY.

LEGEND		

ESTIMATE OF PAVEMENT AND MISCELLANEOUS QUANTITIES TABLE															
	CONCRETE SIDEWALK, 6", INCL. REINFORCING	CONCRETE SIDEWALK, 4"	CURB AND GUTTER, TYPE C	PCCP FOR APPROACHES, 9"	COMPACTED AGG. BASE #53s		PCCP FOR PATCHING, 9"	TACK COAT	HMA FOR PATCHING, PARTIAL DEPTH, B	JOINT ADHESIVE	HMA WEDGE AND LEVEL	LINEAR GRADING	SODDING, NURSERY incl. TOPSOIL AS NEEDED	CASTING, VALVE OR METER, ADJUST TO GRADE	SIGNS
					UNDER SIDEWALKS & RAMPS	UNDER DRIVES (AKA - SUBGRADE TREATMENT TYPE II)									
	6"	4"			4"	6"	12"								
	SYS	SYS	LFT	SYS	SYS	SYS	SYS	SYS	SYS	LFT	SYS	LFT	SYS	EACH	EA
All Project	256	24	140	73	76	282	43	43	43	130	82	300	570	2	2
Subtotal>	256	24	140	73	76	282	43	43	43	130	82	300	570	2	2
Subtotal Units>	SYS	SYS	LFT	SYS	SYS	SYS	SYS	SYS	SYS	LFT	SYS	LFT	SYS	EA	EA
Pay Total>	256	24	140	73	Combine>	43	43	4	130	21	300	570	2	2	2
Pay Units>	SYS	SYS	LFT	SYS	109 TONS	SYS	SYS	TONS	TONS	LFT	TON	LFT	SYS	EA	EA

Signs are to be mounted 7' from top of anchor base to bottom of sign per City standards.
All removal tasks are to be paid as CLEARING

SURVEY CONTROL TABLE (From USI project # 2020-0025)				
POINT NO.	NORTHING	EASTING	ELEVATION	POINT DESCRIPTION
100	201623.3250	779335.5470	803.28	5/8" REBAR W/ USI CONTROL CAP
101	201963.9120	779431.9110	778.97	5/8" REBAR W/ USI CONTROL CAP

STRUCTURE DATA														
STRUCTURE NUMBER	PIPE SIZE	PIPE MATERIAL	MANHOLE, CATCH BASIN, INLET, OR SPECIALTY STRUCTURE	LENGTH	SLOPE	COVER	FLOWLINE		CASTING	CONNECT TO STR.	BEDDING BACKFILL #11 OR #12 CRUSHED AGGREGATE	PRIMARY BACKFILL #11 OR #12 CRUSHED AGGREGATE	EROSION CONTROL - INLET PROTECT REQUIRED	NOTES
							UP STREAM	DOWN STREAM						
	in			ft	%	ft	ELEV.	ELEV.	ELEV.		CYD	CYD	EA	
11	24	HDPE	Manhole D4	156	7.0	3.0	798.08	787.10	803.04	13	6.4	78.0		
12	12	HDPE	Inlet C15	15	16+/-	1.5	792.50	790.00	793.87	13	0.4	3.1	1	Adjust Pipe depth as needed to avoid buried FO.
13	NA	NA	Manhole D4	0	NA	NA	NA	~786.7	792.00	Exist	0.0	0.0	1	Connect to Ex. Elliptical pipe 30"x19"
13A	6	PVC	Pipe Stub	6	Field Det.	Field Det.	Exist	~787.11	NA	13	0.2	0.5		Connect to Ex. Small Drain Pipe
											7 CYD	82 CYD	2 EA	
NOTES:														

NOTES:
1 All work on structures shall be per CBU specifications.
2 Contractor shall be required to schedule a Preconstruction meeting with City of Bloomington Utilities.
3 All elevations of pipe inverts are to be verified in the field by the contractor prior to ordering precast structures.



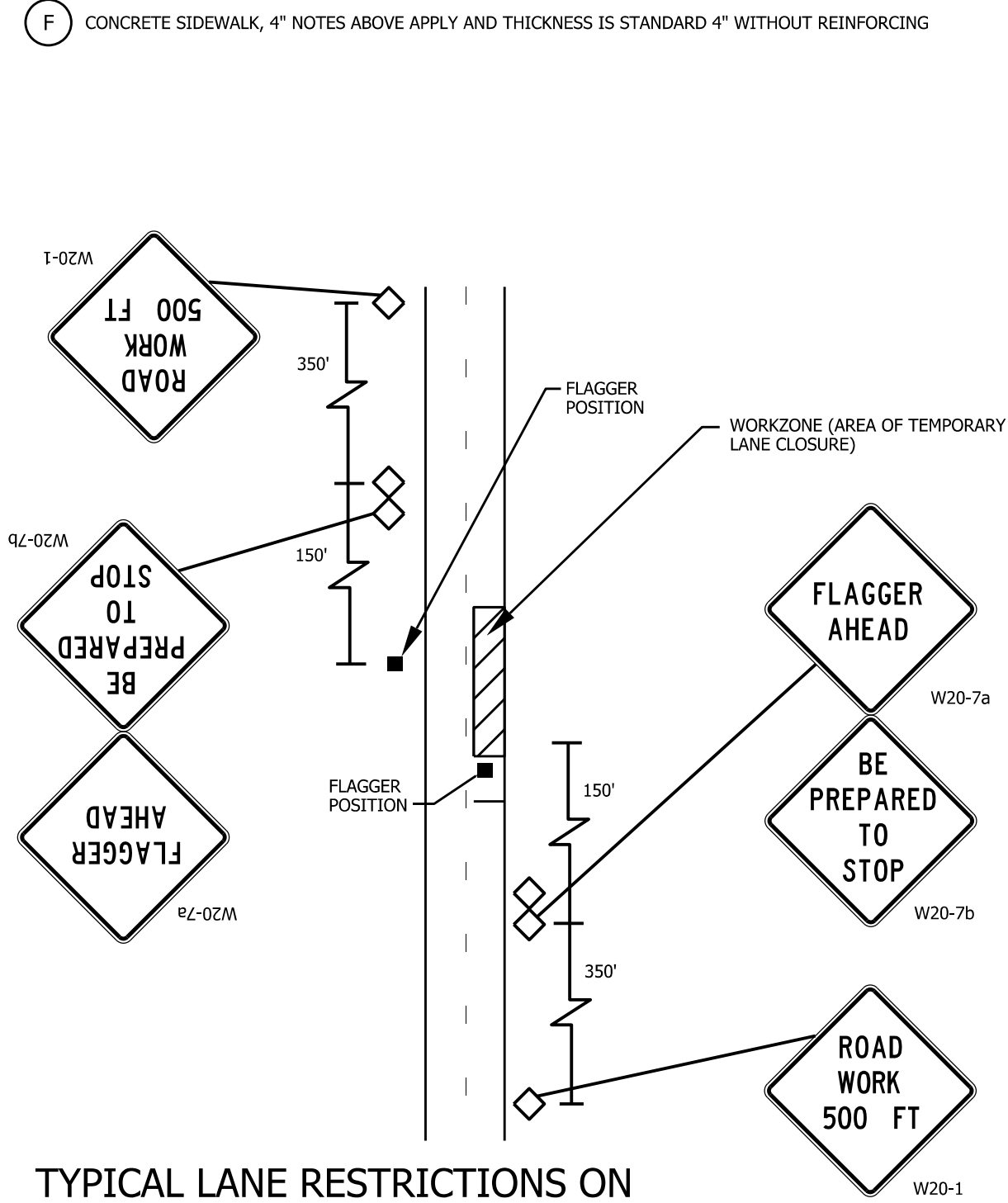
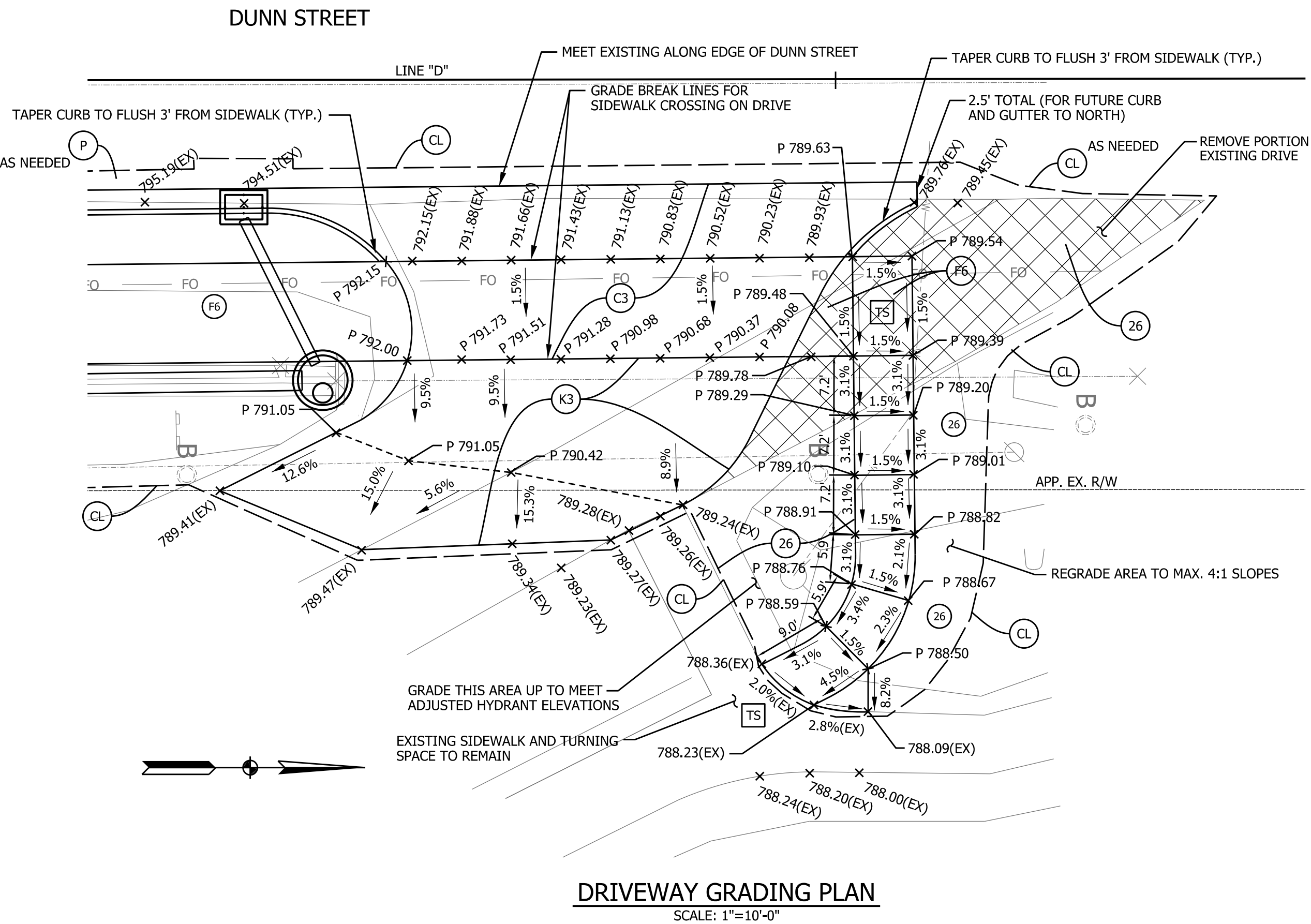
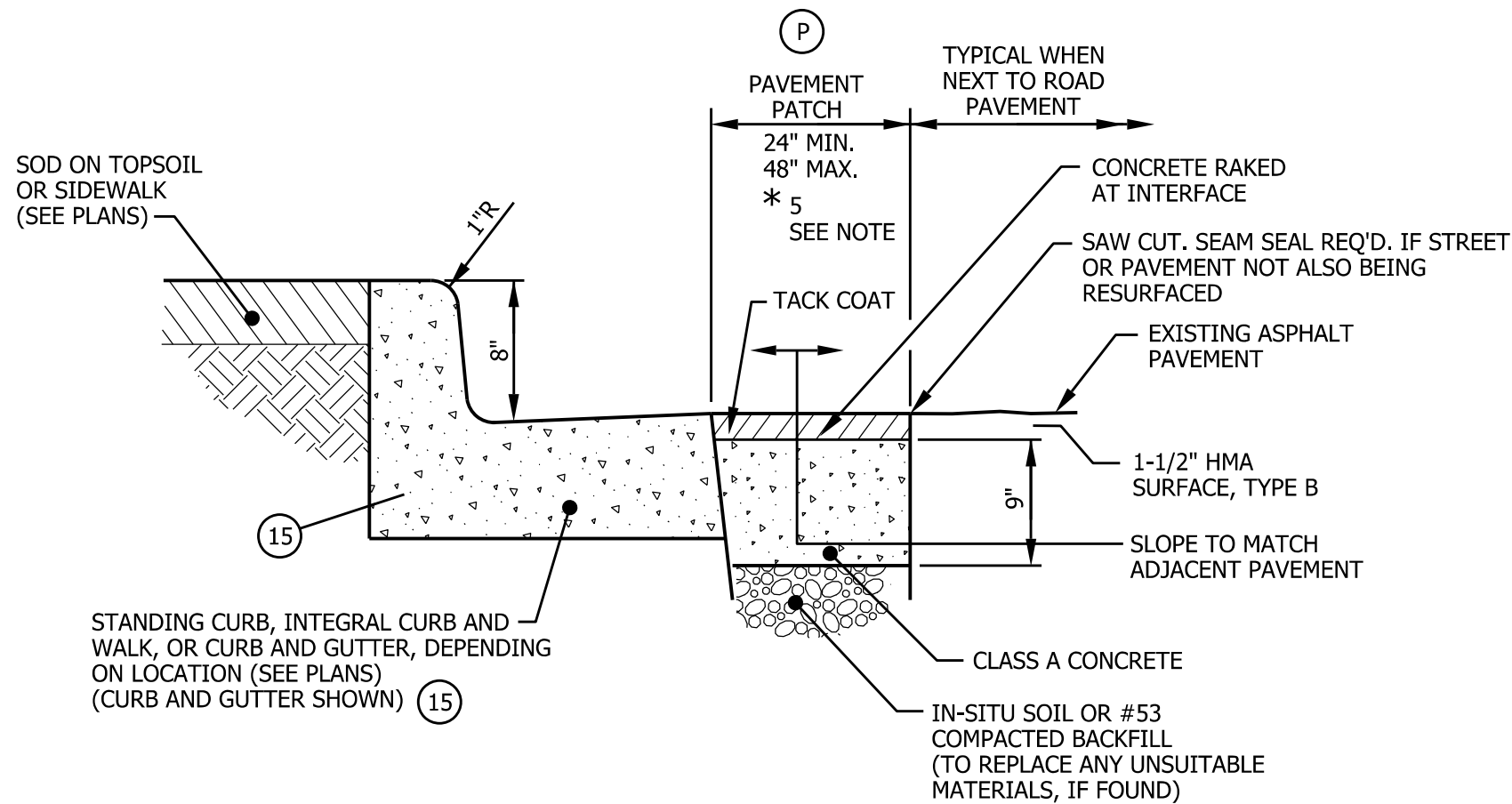
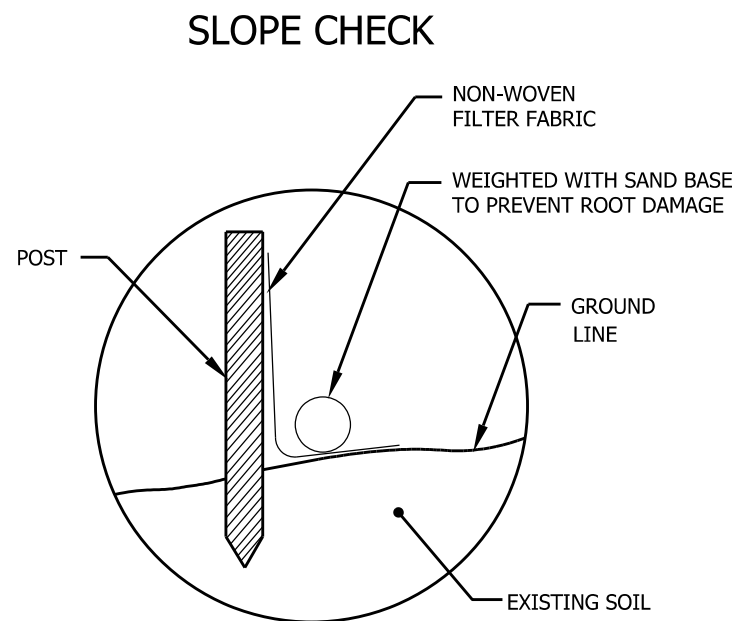
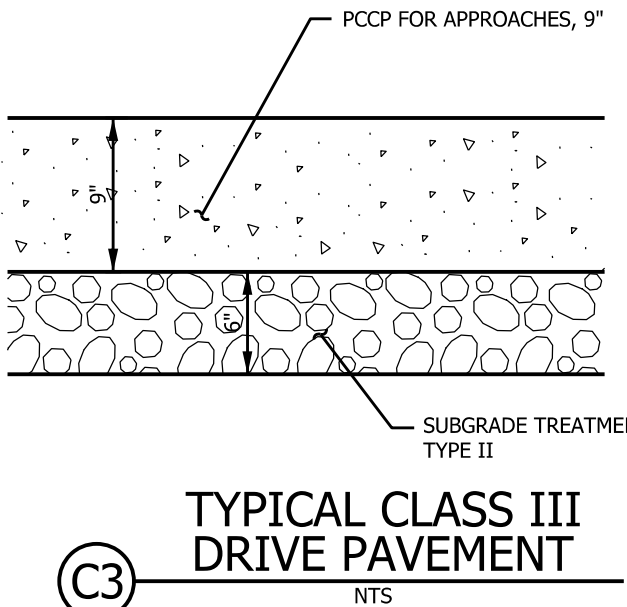
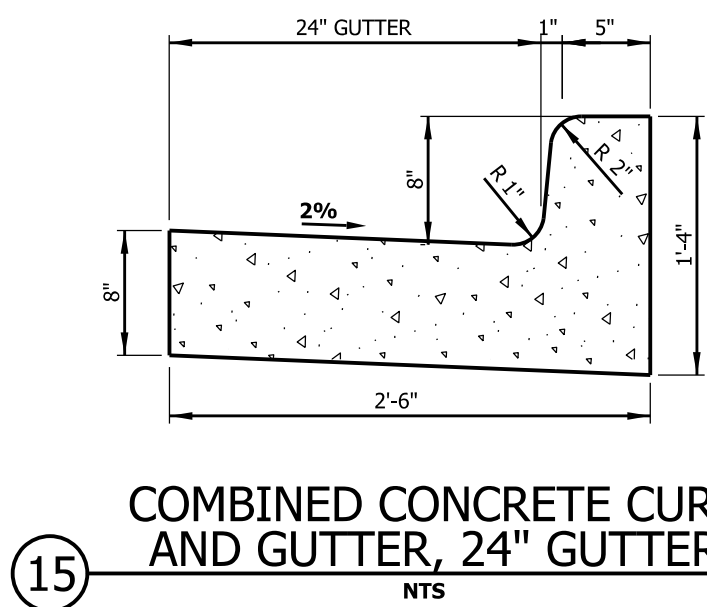
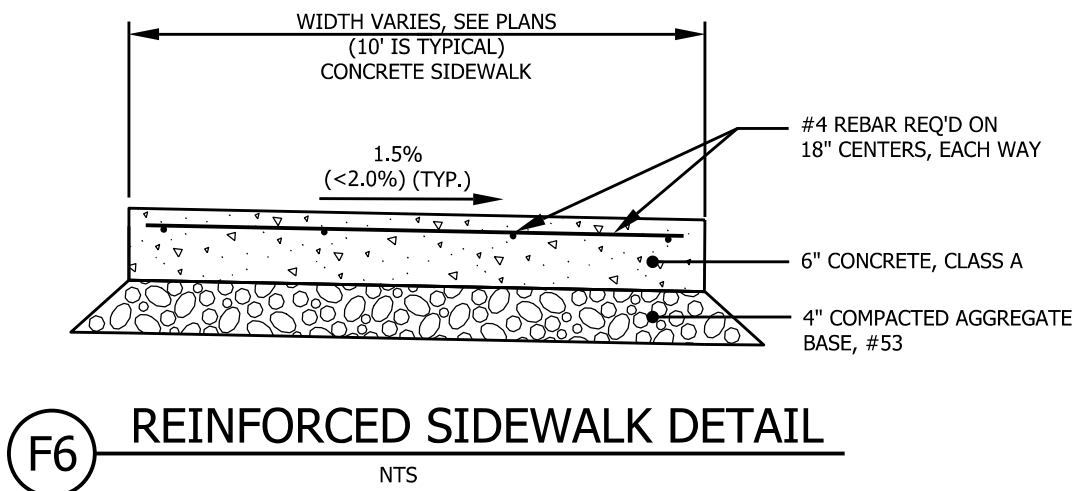
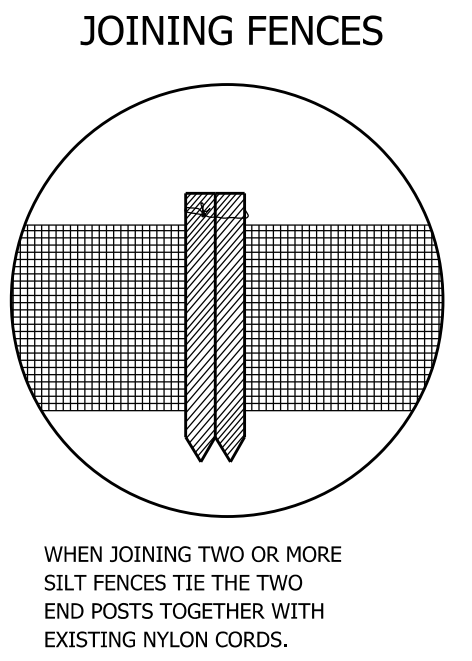
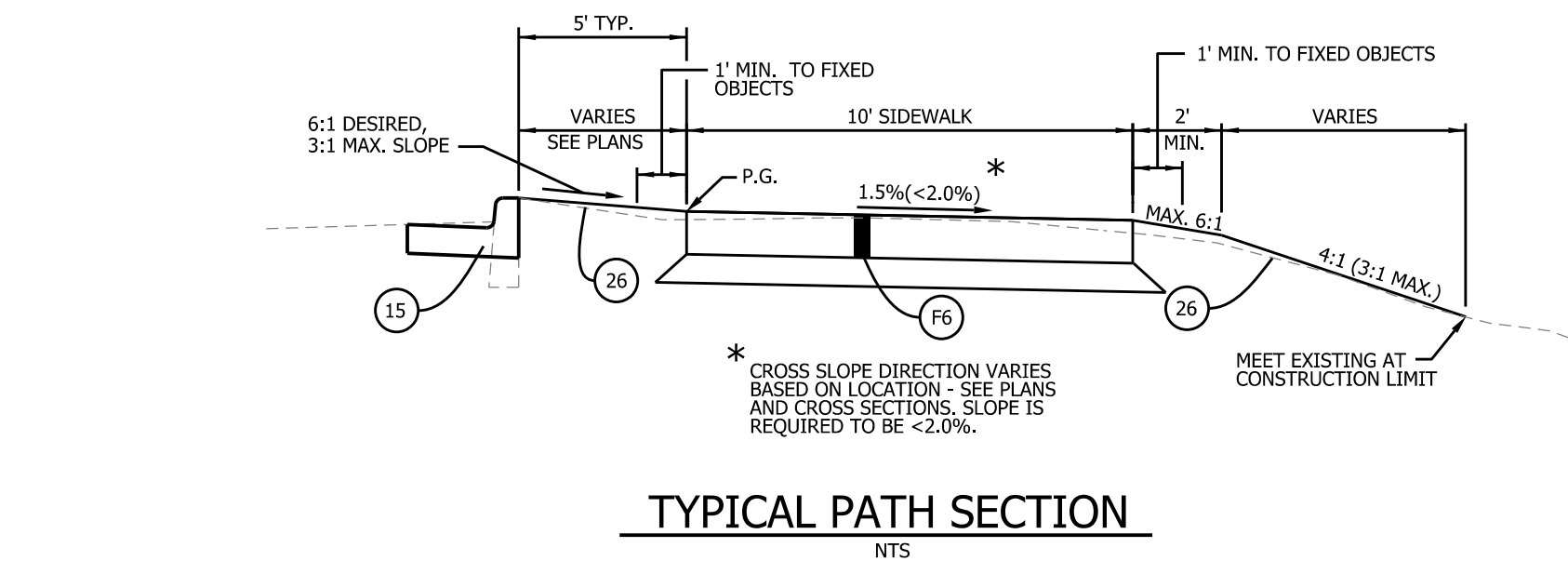
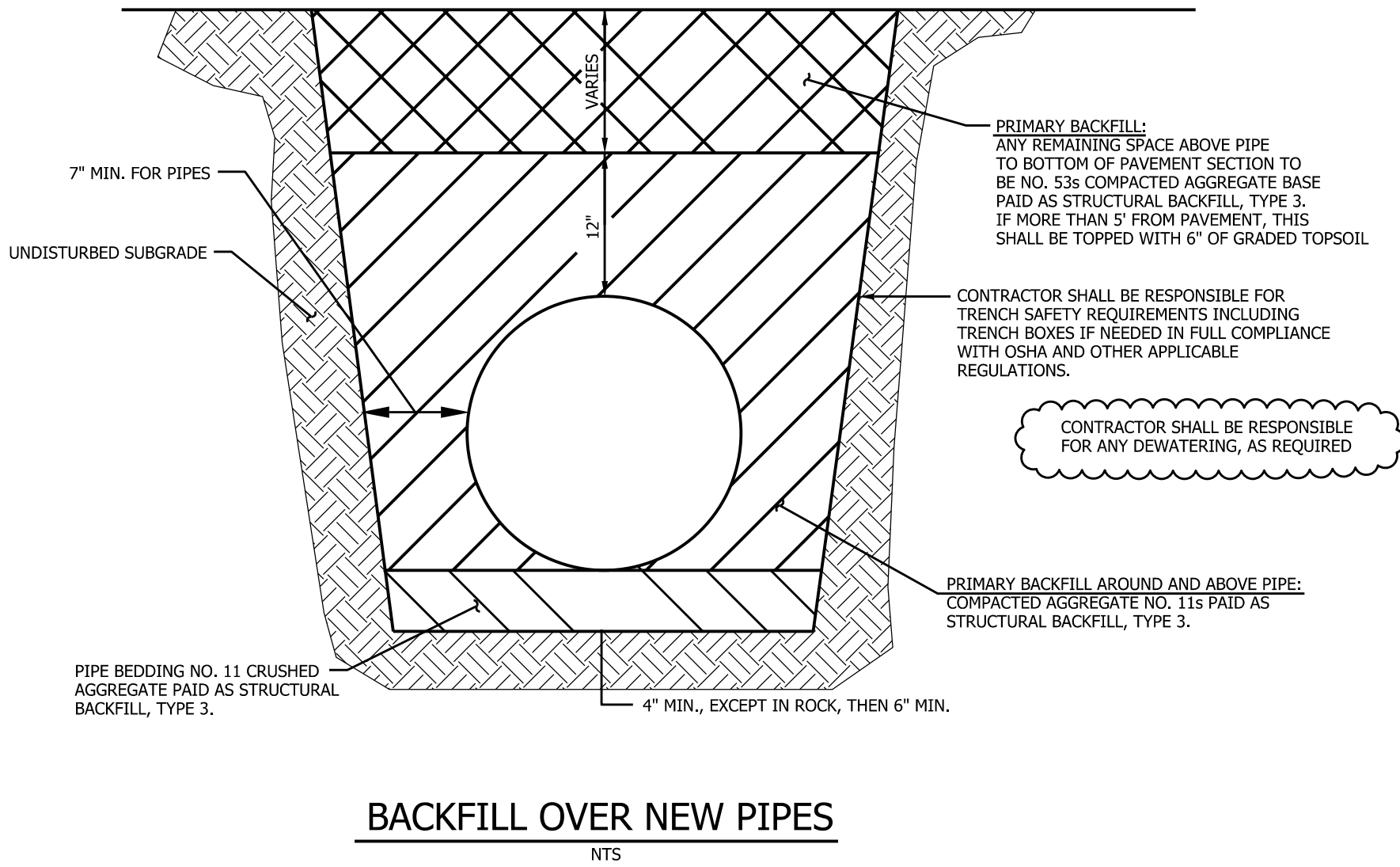
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Indianapolis, IN 46250
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	9-20-2024	DATE
DESIGNED:	BR	DRAWN:	RBA	
CHECKED:	MT	CHECKED:	BR	

CITY OF BLOOMINGTON DUNN STREET SIDEWALK CONNECTION	
GENERAL NOTES, LEGEND, UTILITY DATA, SUMMARY OF QUANTITIES TABLE	

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	ETICA PROJECT
N/A	240039
SURVEY BOOK	SHEETS
N/A	2 of 4
CONTRACT	
N/A	



- NOTES:**
1. AREA BEHIND CURBS TO RECEIVE TREATMENT AS SHOWN ON PLANS.
 2. REFER TO CURB JOINTS NOTES FOR CURB JOINTING.
 3. PAVEMENT PATCHING MAY NOT BE REQUIRED IF EXISTING PAVEMENT CAN BE REMOVED TO A CLEAN AND STRAIGHT EDGE AT FRONT OF PROPOSED CURB OR GUTTER. OWNER APPROVAL IS REQUIRED.
 4. PAVEMENT PATCHING REQUIRED WHEREVER PAVEMENT IS CUT FOR PIPE WORK, AND WHERE EXISTING PAVEMENT IS DAMAGED TO COMPLETE THE REQUIRED CURB, DRIVE OR SIDEWALK WORK.
 5. PAVEMENT PATCHING WIDTH TO BE FIELD DETERMINED BASED ON EXISTING PAVEMENT CONDITION. EXISTING CRACKING VARIES BY LOCATION AND INTENT IS TO KEEP PATCHING WIDTH AT THE MINIMUM UNLESS A STABLE EDGE OF THE PATCH CANNOT BE ESTABLISHED.

TYPICAL LANE RESTRICTIONS ON PUBLIC ROADS USING FLAGGER (IF NEEDED)

NOTES:

1. DISTANCES SHALL BE ADJUSTED TO FIELD CONDITIONS WHERE SPACE IS LIMITED.
2. FOR INCIDENTAL USE ONLY WHEN ROAD IS NOT FULLY CLOSED.

