

06-12-2020 LETTING ITEM 165

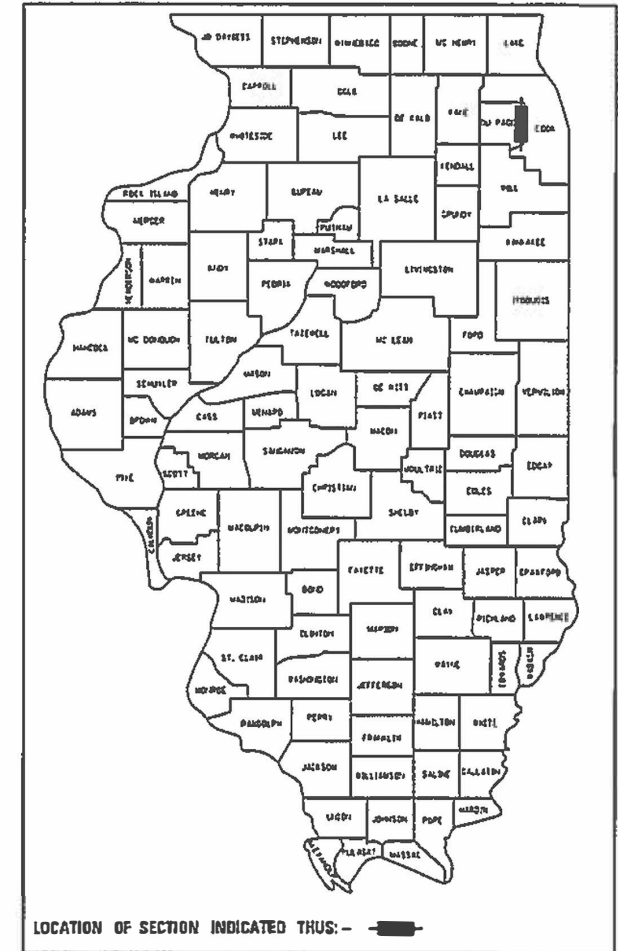
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1446	19-00050-00-BT	DUPAGE	33
ILLINOIS CONTRACT NO. 61G55			1

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

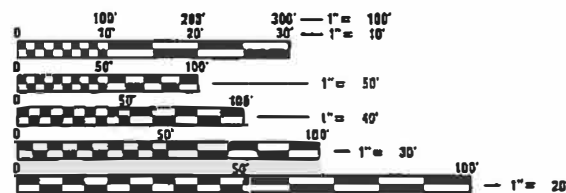
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1446 HARGER ROAD
SALT CREEK TO YORKSHIRE WOODS
BIKE PATH
SECTION 19-00050-00-BT
PROJECT NO. CIWE(834)
VILLAGE OF OAK BROOK
DUPAGE COUNTY
JOB NO. C-91-125-20



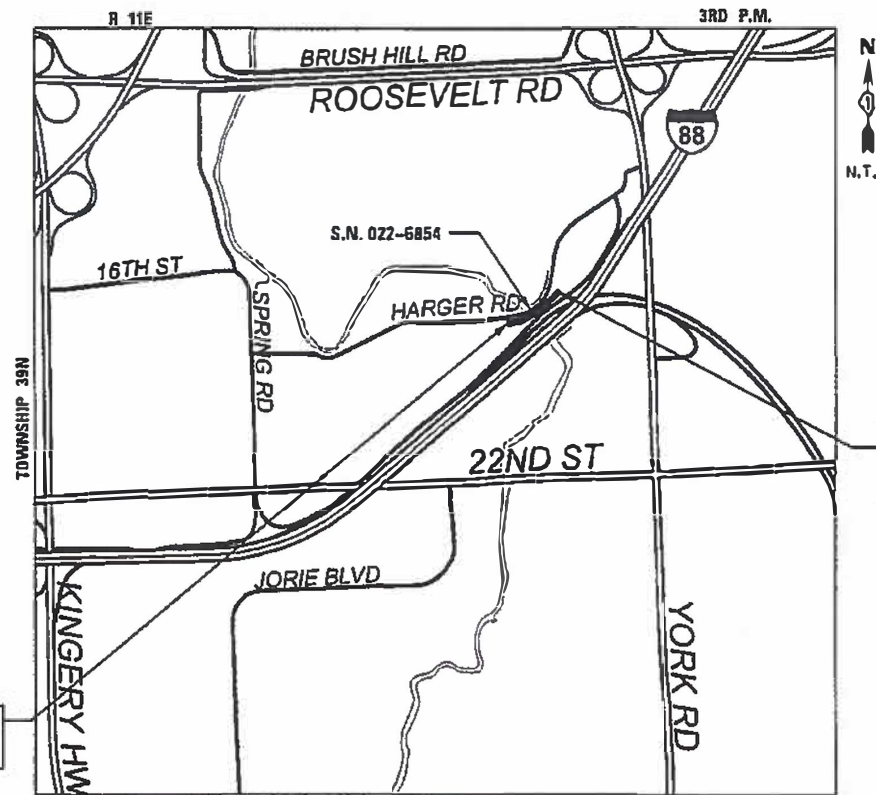
DESIGN DESIGNATION

HARGER ROAD
MINOR COLLECTOR
POSTED SPEED: 30 M.P.H.
EXISTING ADT: 2,500 (2016)



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



BEGIN IMPROVEMENTS
STA 100 + 27.62

END IMPROVEMENTS
STA 111 + 93.35

LOCATION MAP

GROSS LENGTH = 1,166 FT. = 0.22 MILE
NET LENGTH = 1,166 FT. = 0.22 MILE

8576 W. Higgins Road, Suite 600
Rosewood, Illinois 60018
(847) 823-6000



3/6 . 2020
Mark B. Thomas
MARK B. THOMAS
EXPIRATION DATE: 6/30/21

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>[Signature]</i> Public Works Director VILLAGE OF OAK BROOK
PASSED	4-2-2020 <i>[Signature]</i> DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	<i>[Signature]</i> 4/17/2020 REGIONAL ENGINEER

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OF THE STATE OF ILLINOIS

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

CONTRACT NO. 61G55

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

- ALL REFERENCES TO STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2020.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 6TH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS, AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, THE "DRAFT" REHABILITATION ACT OF 1973 (SECTION 504), AND THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES.
- IN THE GENERAL NOTES, ALL REFERENCES TO ENGINEER SHALL BE INTERPRETED AS THE RESIDENT ENGINEER, AND ALL REFERENCES TO VILLAGE AND TO OWNER SHALL BE INTERPRETED AS THE VILLAGE OF OAK BROOK.

STAKING

- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.

UTILITIES

- PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OF THE VILLAGE.
- ALL FRAMES WITH SELF SEALING CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID "VILLAGE OF OAK BROOK" AND ONE OF THE FOLLOWING WORDS:
 - ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORDS "STORM SEWER".
 - ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORDS "SANITARY SEWER".
 - ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER".
 - ALL OPEN LIDS AND GRATES SHALL SAY "DRAINS TO RIVER, DUMP NO WASTE!"
- ALL AUXILIARY VALVES, FRAMES, GRATES, LIDS AND WATER SERVICE BOXES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONSTRUCTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

WATER, STORM & SANITARY SEWER

- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES.
- ALL EXISTING WATER VALVES MAINTAINED BY THE VILLAGE OF OAK BROOK SHALL BE OPERATED BY THE VILLAGE OF OAK BROOK DEPARTMENT OF PUBLIC WORKS PERSONNEL ONLY.
- MINIMUM COVER FROM FINISHED GRADE TO TOP OF WATER MAIN SHALL BE MINIMUM OF FIVE (5) FEET.
- FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 48 HOURS NOTICE. THE VILLAGE SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS, BUSINESSES AND PROPERTY OWNERS.
- ALL WATER MAIN SHUT DOWNS SHALL BE PERFORMED BY THE VILLAGE OF OAK BROOK DEPARTMENT OF PUBLIC WORKS.

EROSION AND SEDIMENT CONTROL

- PRIOR TO BEGINNING ANY REMOVAL ITEMS, CONTRACTOR SHALL INSTALL INLET PROTECTION IN ALL EXISTING OPEN LIDDED DRAINAGE STRUCTURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL NOT DISTURB LANDSCAPED AREAS OUTSIDE OF THE IMPROVEMENT LIMITS.
- UPON COMPLETION OF PROJECT, AT DIRECTION OF THE ENGINEER, CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS.

PAVING, CURB & GUTTER, AND SIDEWALK

- BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- SURFACE COURSE SHALL BE PLACED ONCE ALL PROPOSED BINDER HAS BEEN PLACED BETWEEN THE CURBS.
- ALL CURBS CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #5 REBARS FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE #5 REBARS.
- ALL PEDESTRIAN ROUTES CONSTRUCTED AS PART OF THIS PROJECT SHALL BE ADA COMPLIANT.
- SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS AT LOCATIONS SHOWN IN THE PLANS PER HIGHWAY STANDARDS.
- MINIMUM CURB HEIGHT OF 3" OUTSIDE OF RAMP/FLARE/DRIVEWAY AREAS.

CONSTRUCTION STAGING, SCHEDULE, AND MAINTENANCE OF TRAFFIC

- THE CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO ADJACENT PROPERTIES AND THROUGH THE PROJECT AS DESCRIBED IN THE SPECIAL PROVISIONS AND DETAILED IN THE PLANS.
- MATERIALS AND EQUIPMENT SHALL NOT BE STORED WITHIN 15 FEET OF THE EDGE OF PAVEMENT UNLESS PROTECTED BY A NATURAL OR MANMADE BARRIER IN ACCORDANCE WITH ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS.

MISCELLANEOUS

- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED OTHERWISE ON THE PLAN.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO AREAS AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR.
- THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (773) 685-8386 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

TREE REMOVAL, CLEARING AND HEDGE REMOVAL

- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

COMMITMENTS

- THE EXISTING STREAM GAUGE LOCATED ON THE SOUTH SIDE OF HARGER ROAD WEST OF SALT CREEK WILL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION (MAINTAINED BY DUPAGE COUNTY)

HIGHWAY STANDARDS

- 00001-07 – STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 – AREAS OF REINFORCEMENT BARS
- 001006 – DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 – TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 – PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 602301-04 – INLET - TYPE A
- 602601-06 – PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-05 – FRAME AND LIDS TYPE 1
- 606001-07 – CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 630001-12 – STEEL PLATE BEAM GUARDRAIL
- 630301-09 – SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631046-04 – TRAFFIC BARRIER TERMINAL, TYPE 10
- 701001-02 – OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 – OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 – OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 – LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 – URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701801-06 – SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 – TRAFFIC CONTROL DEVICES
- 720001-01 – SIGN PANEL MOUNTING DETAILS
- 720006-04 – SIGN PANEL ERECTION DETAILS
- 729001-01 – APPLICATIONS OF TYPE A & B METAL POSTS (FOR SIGNS AND MARKERS)

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, INDEX OF SHEETS AND LISTING OF HIGHWAY STANDARDS
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 EARTHWORK SCHEDULE
- 7 ALIGNMENT, TIES AND BENCHMARKS
- 8 EXISTING CONDITIONS AND REMOVAL PLAN
- 9-10 PROPOSED PLAN AND PROFILE
- 11 DETOUR PLAN
- 12 SOIL EROSION AND SEDIMENT CONTROL PLANS
- 13 EROSION CONTROL DETAILS
- 14 SIGNING PLAN
- 15 SIDEWALK RAMP DETAILS
- 16-17 CONSTRUCTION DETAILS
- 18-26 STRUCTURAL PLANS
- 27-33 CROSS SECTIONS

FILE NAME = N:\OAKBROOK\160597.00024-PH2\Civil\NOT.160597024PH2.01.DGN	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HARGER ROAD PATH			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 48'	DRAWN -	REVISED -		INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES			1446	19-00050-00-BT	DUPAGE	33	2	
	PLOT DATE = 4/10/2020	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61G55	
		DATE - 03/01/20	REVISED -										ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	0028 BRIDGE	0043 OAK BROOK NON-PARTICIPATING
Δ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	53	53		
20200100	EARTH EXCAVATION	CU YD	111	111		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	482	482		
20400800	FURNISHED EXCAVATION	CU YD	167	167		
20800150	TRENCH BACKFILL	CU YD	305			305
20900110	POROUS GRANULAR BACKFILL	CU YD	250		250	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	100	100		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2633	2633		
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	150			150
Δ 25000100	SEEDING, CLASS 1	ACRE	0.55	0.55		
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	50	50		
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	50	50		
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	2633	2633		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	55	55		
28000400	PERIMETER EROSION BARRIER	FOOT	455	455		
28000510	INLET FILTERS	EACH	2	2		
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2633	2633		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	80	80		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	42	42		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	565	565		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1339	1339		
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	50	50		
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	50	50		

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	0028 BRIDGE	0043 OAK BROOK NON-PARTICIPATING
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	134	134		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	164	118		46
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	103	103		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	268	268		
42400800	DETECTABLE WARNINGS	SQ FT	32	32		
44000100	PAVEMENT REMOVAL	SQ YD	112	112		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	164	118		46
44000300	CURB REMOVAL	FOOT	95	76		19
44000400	GUTTER REMOVAL	FOOT	90	90		
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	191			191
50200100	STRUCTURE EXCAVATION	CU YD	270		270	
50300225	CONCRETE STRUCTURES	CU YD	29		29	
50800105	REINFORCEMENT BARS	POUND	2390		2390	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4080		4080	
51603000	DRILLED SHAFT IN SOIL	CU YD	6.2		6.2	
51604000	DRILLED SHAFT IN ROCK	CU YD	1.4		1.4	
52200010	TEMPORARY SHEET PILING	SQ FT	710		710	
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	780		780	
55100400	STORM SEWER REMOVAL 10"	FOOT	19			19
Δ 55100700	WATER MAIN 8"	FOOT	967			967
Δ 56105000	WATER VALVES 8"	EACH	4			4
Δ 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1		
Δ 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1			1

Δ INDICATES SPECIALTY ITEM

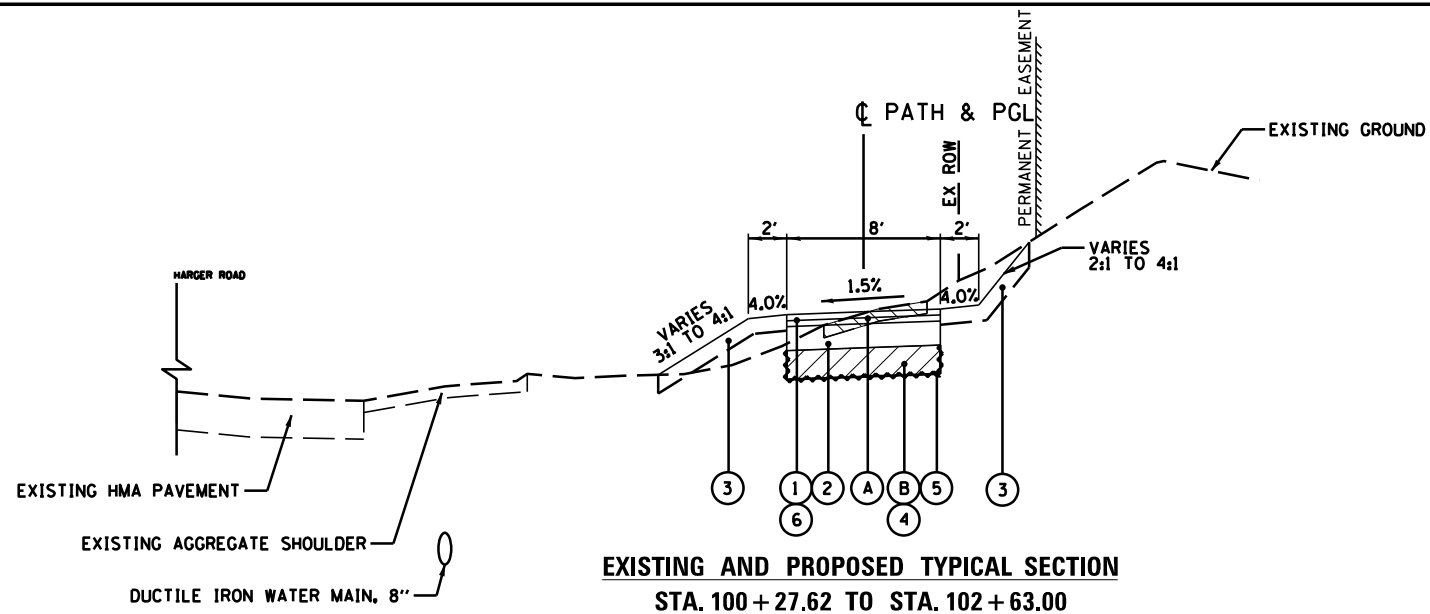
FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HARGER ROAD PATH SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\OAKBROOK\168597.00024-PH2C.rvt\500.1	0597024PH2.BLDG	DRAWN -	REVISED -			1446	19-00050-00-BT	DUPAGE	33	3	
Default	PLOT SCALE = 40'	CHECKED -	REVISED -			CONTRACT NO. 61055					
	PLOT DATE = 4/18/2020	DATE - 03/01/20	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	0028 BRIDGE	0043 OAK BROOK NON-PARTICIPATING
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	40		40	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1			1
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4			4
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2		
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1		
60500060	REMOVING INLETS	EACH	1			1
60600605	CONCRETE CURB, TYPE B	FOOT	95	76		19
Δ 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	113	113		
Δ 63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1	1		
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	13	13		
67100100	MOBILIZATION	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	42		
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	23	23		
Δ 72900100	METAL POST - TYPE A	FOOT	98	98		
Δ A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
Δ A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
Δ C2C02063	SHRUB, CORNUS STOLONIFERA (RED OSIER DOGWOOD), CONTAINER GROWN, 3-GALLON	EACH	10	10		
Δ C2C100G5	SHRUB, VIBURNUM LENTAGO (NANNYBERRY), CONTAINER GROWN, 5-GALLON	EACH	9	9		
X0100003	CLEARING AND GRUBBING	SQ YD	1572	1572		
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2090		2090	
Δ X1200136	WATER MAIN INSULATION	FOOT	170			170
Δ X2200004	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	671	671		

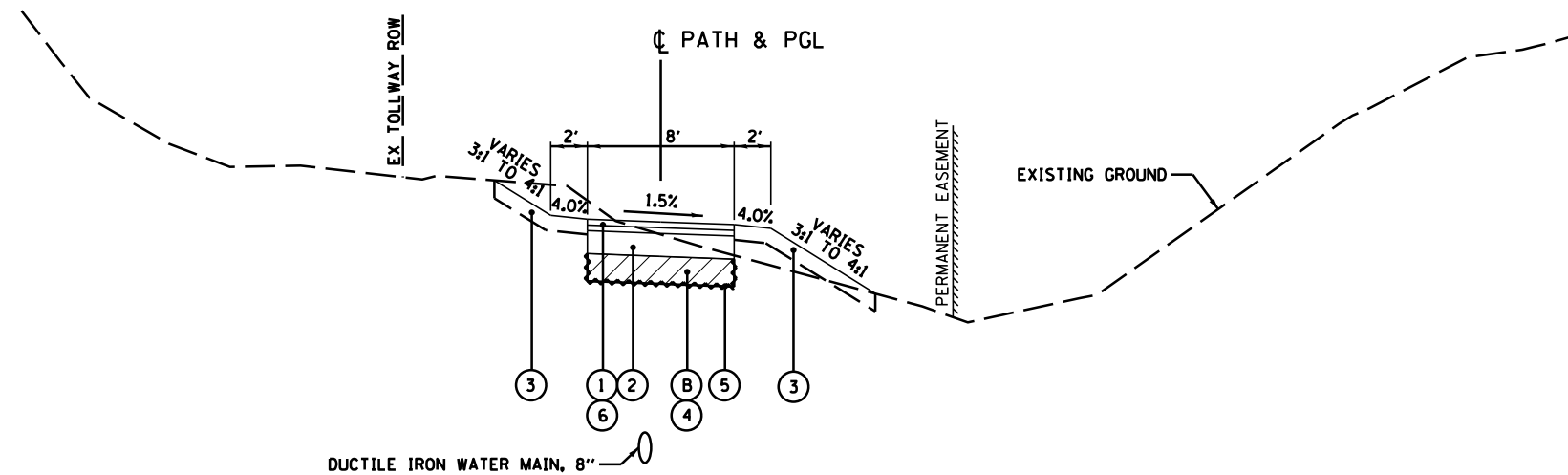
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	0028 BRIDGE	0043 OAK BROOK NON-PARTICIPATING
X2800500	INLET PROTECTION, SPECIAL	EACH	4	4		
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	1		1
Δ X5610900	DUCTILE IRON WATER MAIN, 8" DIAMETER, RESTRAINED JOINT PIPE	FOOT	170			170
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
Δ XX007762	SHUT DOWN CONNECTION	EACH	2			2
XX008287	BOARDWALK STRUCTURE	SQ FT	5785		5785	
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	38	38		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0022800	FENCE REMOVAL	FOOT	357	357		
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	230		230	
Z0056646	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 10"	FOOT	19			19
* Z0076600	TRAINEES	HOOR	500	500		
* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	500	500		
Δ Z0077900	WOOD POST AND RAIL FENCE	FOOT	170		170	

* CONSTRUCTION TYPE CODE 0042

Δ INDICATES SPECIALTY ITEM



EXISTING AND PROPOSED TYPICAL SECTION
STA. 100+27.62 TO STA. 102+63.00



EXISTING AND PROPOSED TYPICAL SECTION
STA. 108+25.00 TO STA. 111+41.53

- LEGEND**
- (A) PAVEMENT REMOVAL
 - (B) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (FOR UNDERCUTS) •
 - ▨ ▩ REMOVAL ITEMS
 - (1) 1.5" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50
 - (2) AGGREGATE BASE COURSE, TYPE B, 6"
 - (3) TOPSOIL FURNISH AND PLACE, 4"
 - (4) AGGREGATE SUBGRADE IMPROVEMENT •
 - (5) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION •
 - (6) 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @NDES
SHARED USE PATH	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.

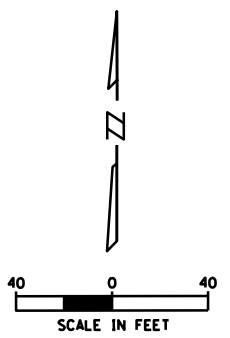
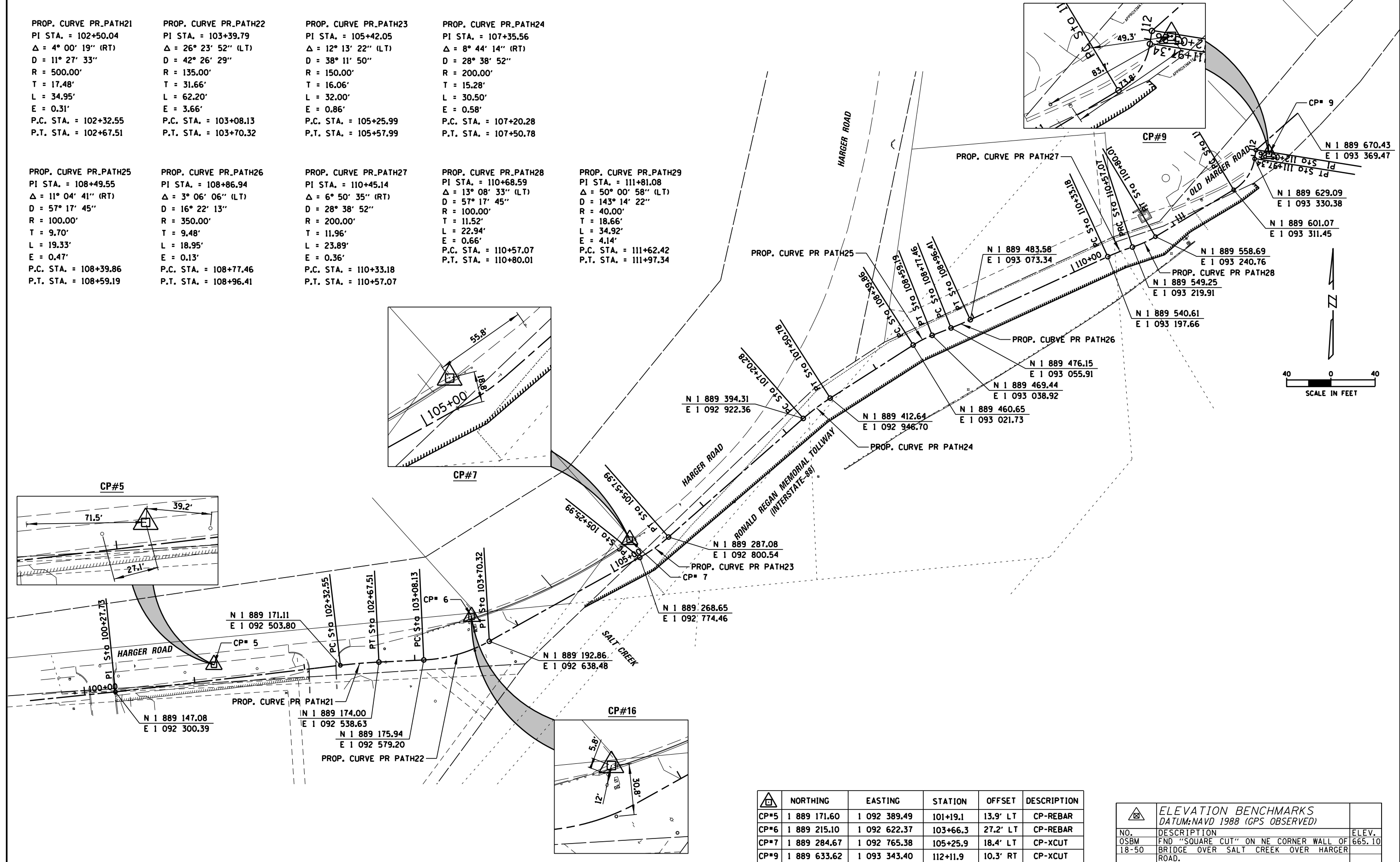
* AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS ARE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NOT ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

EARTHWORK SCHEDULE							
STATION			20200100	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	20201200
			EARTH EXCAVATION				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
			(CU YD)	(CU YD)	(CU YD)	(CU YD)	
100+28	TO	100+50	0.3	0.2	3.4	-3.2	6.5
100+50	TO	101+00	1.1	0.9	19.3	-18.3	29.8
101+00	TO	101+50	1.5	1.3	16.4	-15.1	27.5
101+50	TO	102+00	1.9	1.6	6.1	-4.5	22.5
102+00	TO	102+50	19.1	16.2	1.7	14.5	27.5
102+50	TO	103+00	18.2	15.5	0.3	15.2	17.1
103+00	TO	103+22	17.5	14.9	3.6	11.2	11.0
103+22	TO	103+50	22.2	18.9	4.6	14.3	14.1
103+50	TO	107+50	0.0	0.0	0.0	0.0	0.0
107+50	TO	108+00	7.8	6.6	1.3	5.3	18.5
108+00	TO	108+18	8.2	7.0	0.7	6.3	13.4
108+18	TO	108+50	10.3	8.8	12.7	-4.0	24.9
108+50	TO	109+00	1.2	1.0	26.9	-25.8	35.4
109+00	TO	109+50	0.6	0.5	16.5	-16.0	30.5
109+50	TO	110+00	0.5	0.4	25.6	-25.3	30.9
110+00	TO	110+50	0.0	0.0	33.9	-33.9	28.4
110+50	TO	111+00	0.0	0.0	37.8	-37.8	25.5
111+00	TO	111+50	0.0	0.0	34.5	-34.5	24.3
111+50	TO	111+80	0.8	0.7	15.7	-15.0	14.3
TOTALS			111.1	94.4	261.0	-166.5	402.0

SUMMARY			
20200100	20400800	20201200	30300001
EARTH EXCAVATION	FURNISHED EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT
(CU YD)	(CU YD)	(CU YD)	(CU YD)
111	167	482	80

PROP. CURVE PR_PATH21 PI STA. = 102+50.04 $\Delta = 4^\circ 00' 19''$ (RT) D = 11° 27' 33" R = 500.00' T = 17.48' L = 34.95' E = 0.31' P.C. STA. = 102+32.55 P.T. STA. = 102+67.51	PROP. CURVE PR_PATH22 PI STA. = 103+39.79 $\Delta = 26^\circ 23' 52''$ (LT) D = 42° 26' 29" R = 135.00' T = 31.66' L = 62.20' E = 3.66' P.C. STA. = 103+08.13 P.T. STA. = 103+70.32	PROP. CURVE PR_PATH23 PI STA. = 105+42.05 $\Delta = 12^\circ 13' 22''$ (LT) D = 38° 11' 50" R = 150.00' T = 16.06' L = 32.00' E = 0.86' P.C. STA. = 105+25.99 P.T. STA. = 105+57.99	PROP. CURVE PR_PATH24 PI STA. = 107+35.56 $\Delta = 8^\circ 44' 14''$ (RT) D = 28° 38' 52" R = 200.00' T = 15.28' L = 30.50' E = 0.58' P.C. STA. = 107+20.28 P.T. STA. = 107+50.78
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PROP. CURVE PR_PATH25 PI STA. = 108+49.55 $\Delta = 11^\circ 04' 41''$ (RT) D = 57° 17' 45" R = 100.00' T = 9.70' L = 19.33' E = 0.47' P.C. STA. = 108+39.86 P.T. STA. = 108+59.19	PROP. CURVE PR_PATH26 PI STA. = 108+86.94 $\Delta = 3^\circ 06' 06''$ (LT) D = 16° 22' 13" R = 350.00' T = 9.48' L = 18.95' E = 0.13' P.C. STA. = 108+77.46 P.T. STA. = 108+96.41	PROP. CURVE PR_PATH27 PI STA. = 110+45.14 $\Delta = 6^\circ 50' 35''$ (RT) D = 28° 38' 52" R = 200.00' T = 11.96' L = 23.89' E = 0.36' P.C. STA. = 110+33.18 P.T. STA. = 110+57.07	PROP. CURVE PR_PATH28 PI STA. = 110+68.59 $\Delta = 13^\circ 08' 33''$ (LT) D = 57° 17' 45" R = 100.00' T = 11.52' L = 22.94' E = 0.66' P.C. STA. = 110+57.07 P.T. STA. = 110+80.01	PROP. CURVE PR_PATH29 PI STA. = 111+81.08 $\Delta = 50^\circ 00' 58''$ (LT) D = 143° 14' 22" R = 40.00' T = 18.66' L = 34.92' E = 4.14' P.C. STA. = 111+62.42 P.T. STA. = 111+97.34
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Symbol	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
△	1 889 171.60	1 092 389.49	101+19.1	13.9' LT	CP-REBAR
△	1 889 215.10	1 092 622.37	103+66.3	27.2' LT	CP-REBAR
△	1 889 284.67	1 092 765.38	105+25.9	18.4' LT	CP-XCUT
△	1 889 633.62	1 093 343.40	112+11.9	10.3' RT	CP-XCUT

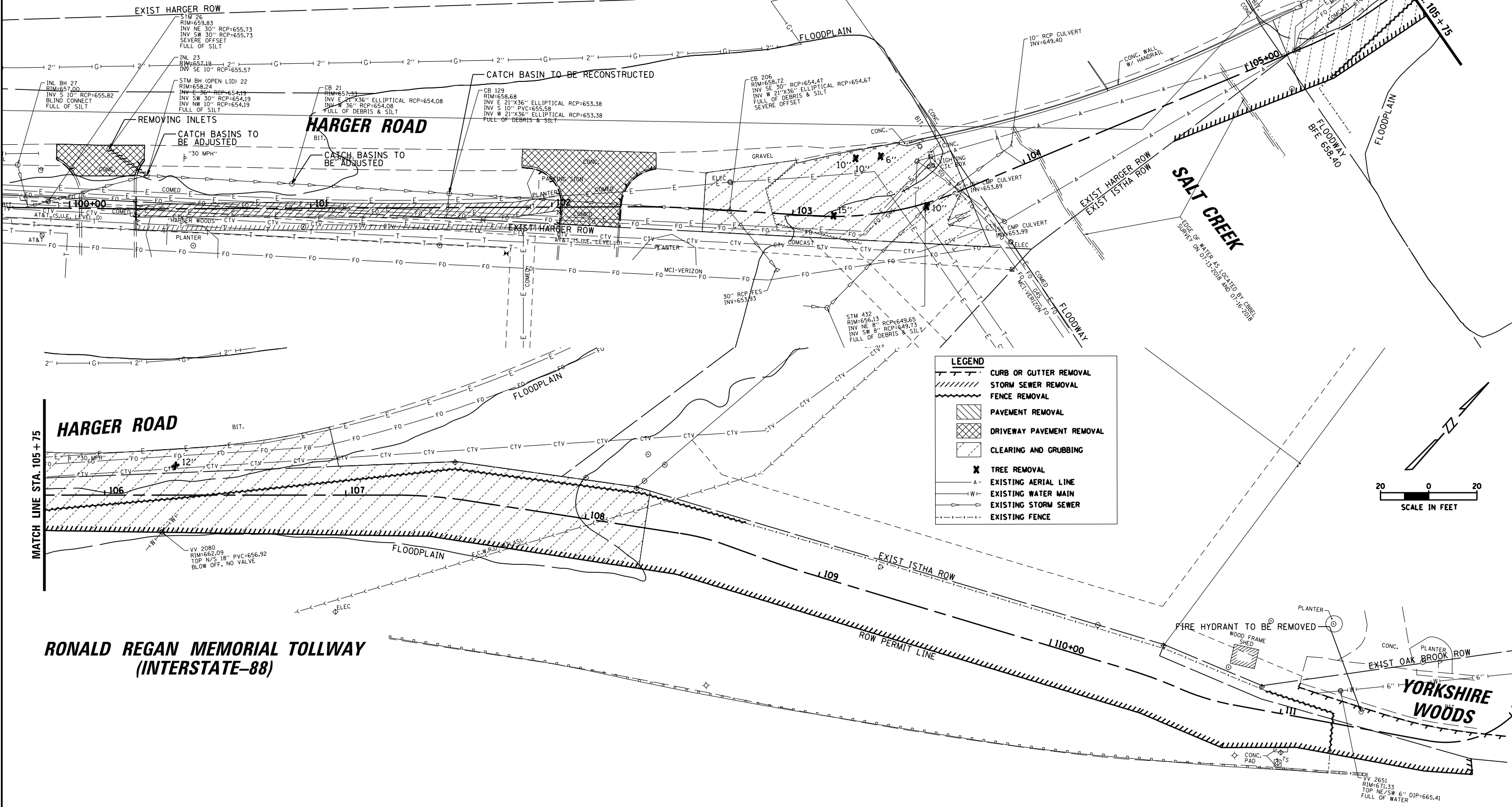
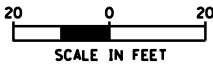
ELEVATION BENCHMARKS DATUM:NAVD 1988 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM 18-50	FND "SQUARE CUT" ON NE CORNER WALL OF BRIDGE OVER SALT CREEK OVER HARGER ROAD.	665.10

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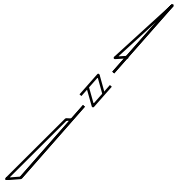
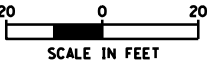
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HARGER ROAD PATH ALIGNMENT, TIES AND BENCHMARKS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	7
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				



LEGEND	
	CURB OR GUTTER REMOVAL
	STORM SEWER REMOVAL
	FENCE REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	CLEARING AND GRUBBING
	TREE REMOVAL
	EXISTING AERIAL LINE
	EXISTING WATER MAIN
	EXISTING STORM SEWER
	EXISTING FENCE



**RONALD REGAN MEMORIAL TOLLWAY
(INTERSTATE-88)**

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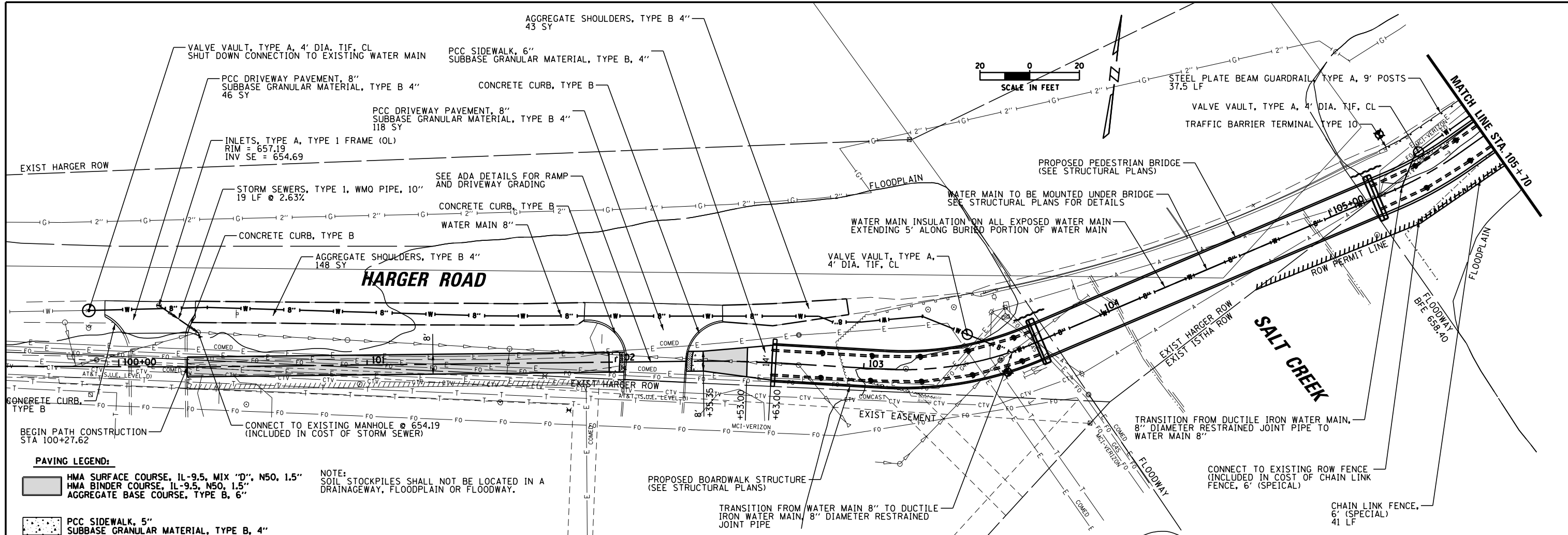
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HARGER ROAD PATH			
EXISTING CONDITIONS AND REMOVAL PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	8
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

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

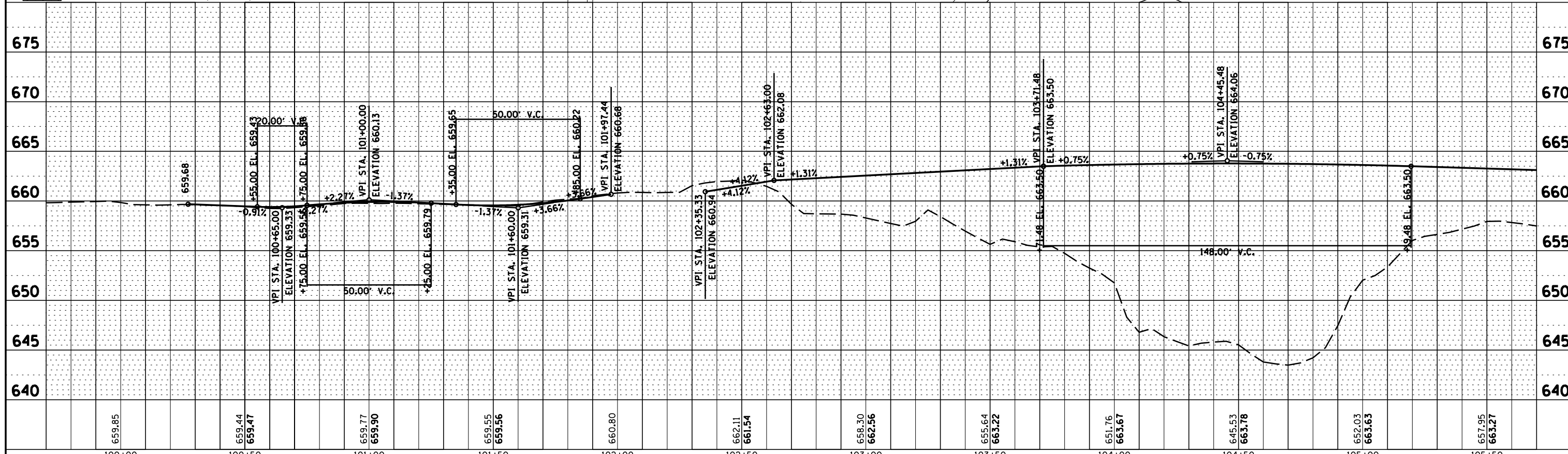
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
GRADES CHECKED	
STRUCTURE	
NOTATIONS	



PAVING LEGEND:

- HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
- HMA BINDER COURSE, IL-9.5, N50, 1.5"
- AGGREGATE BASE COURSE, TYPE B, 6"
- PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B, 4"

NOTE: SOIL STOCKPILES SHALL NOT BE LOCATED IN A DRAINAGEWAY, FLOODPLAIN OR FLOODWAY.



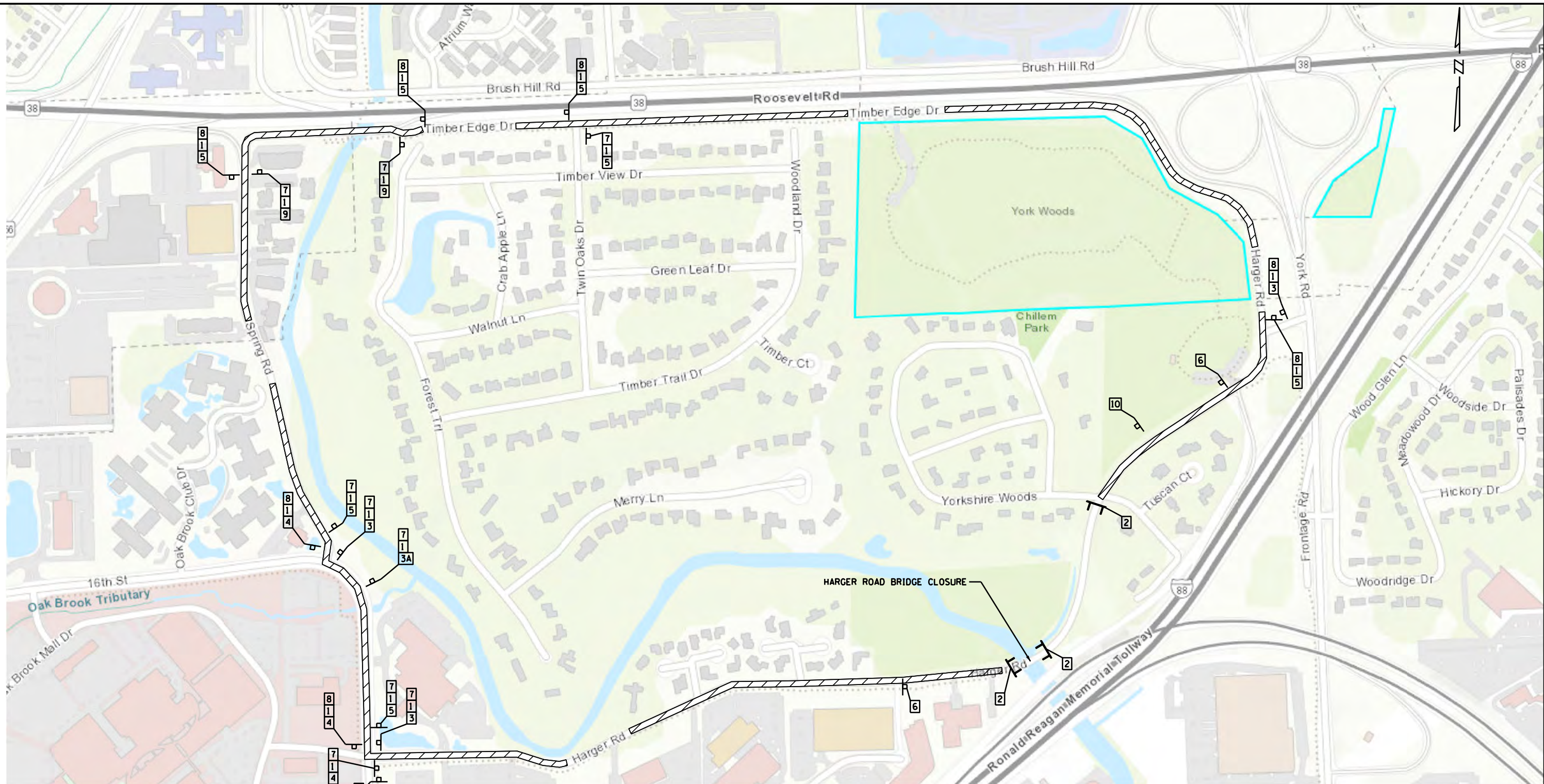
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HARGER ROAD PATH
PROPOSED PLAN AND PROFILE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	9
CONTRACT NO. 61G55			ILLINOIS FED. AID PROJECT	



SCHEDULE OF SIGNS

SIGN NO.	1	2	3	4	5	6	7
SIGN TYPE	Harger Road 8" UC LETTERS 48X18	ROAD CLOSED R-11-2-48X18	DETOUR M4-9 R (O) 30X24	DETOUR M4-9 L (O) 30X24	DETOUR M4-9 (O) 30X21	ROAD CLOSED TO THRU TRAFFIC R-11-4-60X30	EAST M3-2 (O) 24X12
SIGN NO.	8	9	10	3A			
SIGN TYPE	WEST M3-4 (O) 24X12	DETOUR M4-9 R (O) 30X24	ROAD CLOSED 500 FT W20-3 (O) 48X48	DETOUR M4-9 R (O) 30X24			

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL SIGNAGE TO BE IN ACCORDANCE WITH MUTCD. SUGGESTED MAINTENANCE OF TRAFFIC SHOWN IS MINIMUM REQUIRED; CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY RESIDENT ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (DETOUR).
2. THE DETOUR SHALL REMAIN IN PLACE FOR A MAXIMUM OF 5 CALENDAR DAYS.
3. TWO CHANGABLE MESSAGE SIGNS SHALL BE PLACED ON HARGER ROAD AT THE DIRECTION OF THE ENGINEER.

LEGEND

- DETOUR SIGNS. NUMBER DENOTES TYPE.
- TYPE III BARRICADES WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE

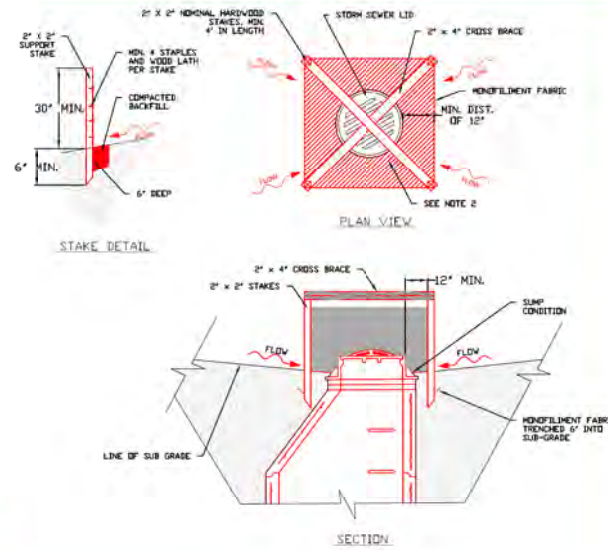
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	PLOT DATE = 4/10/2020	DATE - 03/01/20	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HARGER ROAD PATH DETOUR PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	11
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

INLET PROTECTION - MONOFILAMENT FABRIC BARRIER FENCE

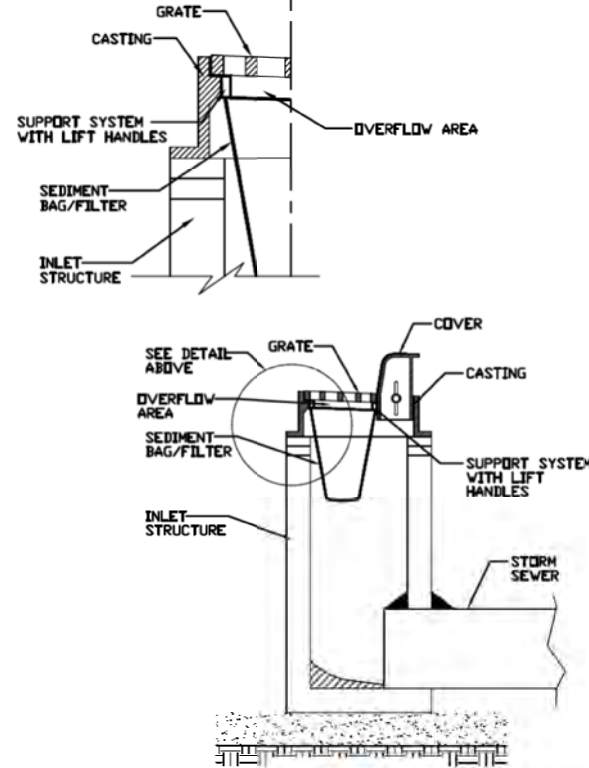


- NOTES:**
- 2 x 2 nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 16 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
 - Area inside the fence, from edge of fabric to structure, must be stabilized with Erosion Control Blanket, Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone.
 - Maximum height of the fabric above the crest of the drop inlet shall be 30". Place the bottom 6 inches of the fabric in a trench and backfill with 6 inches of 85% compacted soil.
 - Stakes must be a maximum of 4 feet apart.
 - A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the monofilament fabric.
 - Monofilament fabric shall meet the requirement of Material Specification 592 Geotextile Table 1, Class 4.
 - Monofilament fabric shall be secured to each 2" x 2" nominal hardwood stake with a minimum of 4 steel staple fasteners and wood lath. Wood lath shall be a minimum length of 10 inches. Wire fasteners should be used if metal T-Posts are installed in place of hardwood stakes.

REFERENCE Project	DATE	STANDARD DWG. NO. IUM-531
Designed	DATE	SHEET 1 OF 1
Checked	DATE	DATE 04-06-12
Approved	DATE	

INLET PROTECTION, SPECIAL

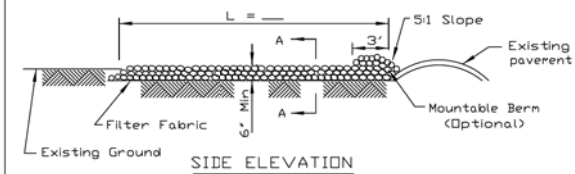
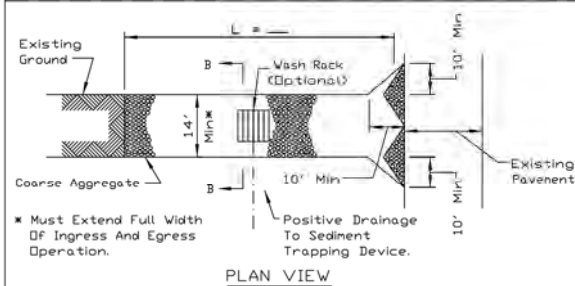
INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



REFERENCE Project	DATE	STANDARD DWG. NO. IUM-561D
Designed	DATE	SHEET 1 OF 1
Checked	DATE	DATE 01-11-12
Approved	DATE	

INLET FILTERS

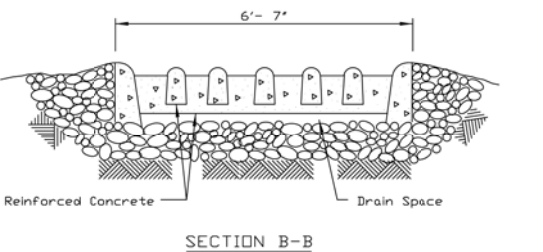
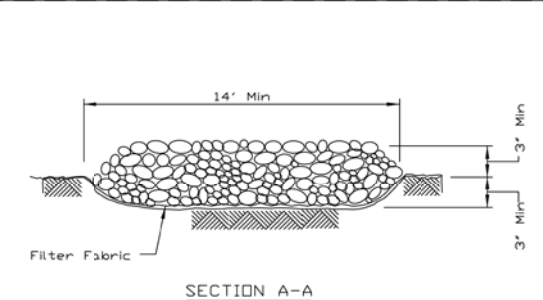
STABILIZED CONSTRUCTION ENTRANCE PLAN



- NOTES:**
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 - Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 - Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 - If wash racks are used they shall be installed according to the manufacturer's specifications.

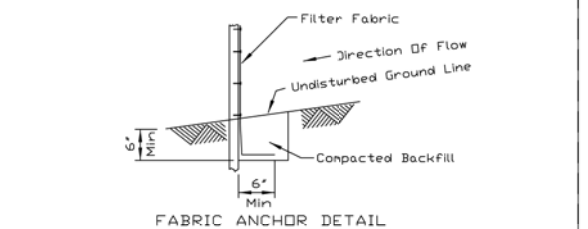
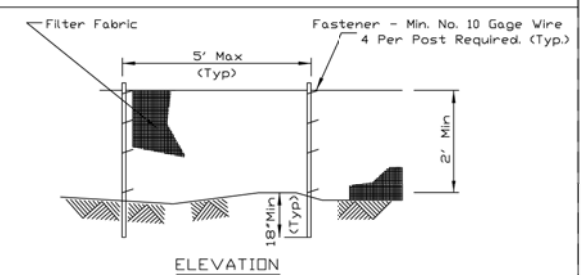
REFERENCE Project	DATE	STANDARD DWG. NO. IL-630
Designed	DATE	SHEET 1 OF 2
Checked	DATE	DATE 8-18-94
Approved	DATE	

STABILIZED CONSTRUCTION ENTRANCE PLAN



REFERENCE Project	DATE	STANDARD DWG. NO. IL-630
Designed	DATE	SHEET 2 OF 2
Checked	DATE	DATE 8-18-94
Approved	DATE	

SILT FENCE PLAN



- NOTES:**
- Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 - Filter fabric shall meet the requirements of material specification 592 Geotextile Table I or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
 - Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE Project	DATE	STANDARD DWG. NO. IL-620
Designed	DATE	SHEET 1 OF 2
Checked	DATE	DATE 11-20-01
Approved	DATE	

PERIMETER EROSION BARRIER

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION








HARGER ROAD PATH EROSION CONTROL DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	13
CONTRACT NO. 61G55				

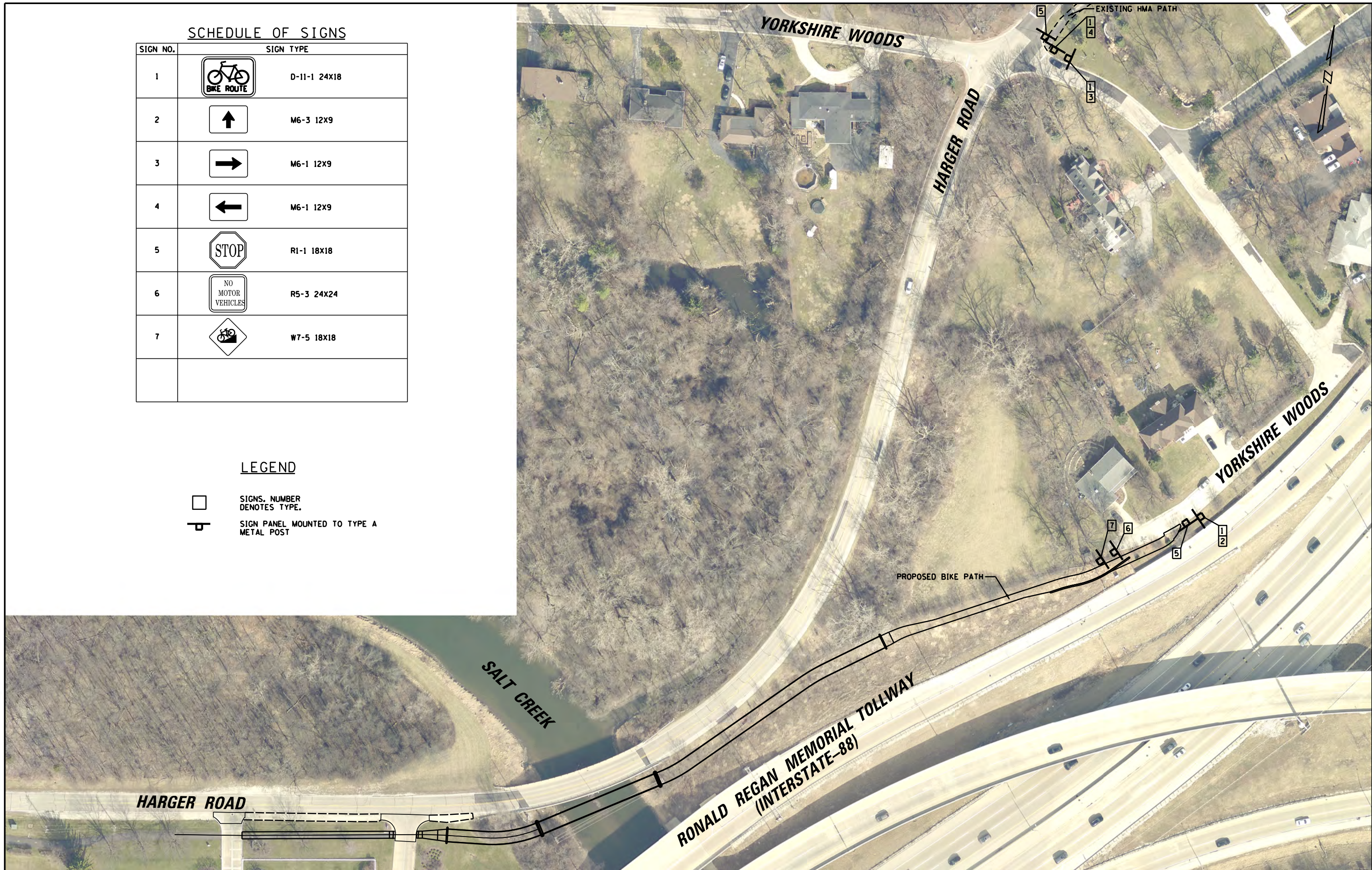
ILLINOIS FED. AID PROJECT

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE
1	 D-11-1 24X18
2	 M6-3 12X9
3	 M6-1 12X9
4	 M6-1 12X9
5	 R1-1 18X18
6	 R5-3 24X24
7	 W7-5 18X18

LEGEND

-  SIGNS. NUMBER DENOTES TYPE.
-  SIGN PANEL MOUNTED TO TYPE A METAL POST



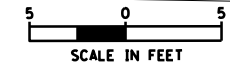
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	PLOT DATE = 4/10/2020	DATE - 03/01/20	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HARGER ROAD PATH
SIGNAGE PLAN**

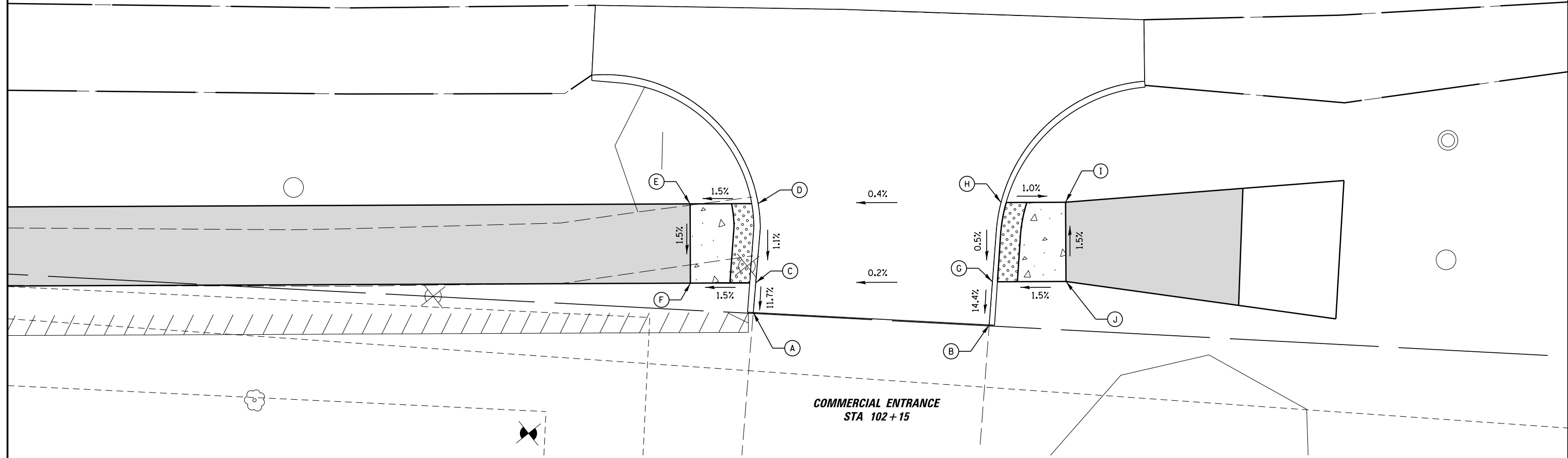
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	14
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				



HARGER ROAD

COMMERCIAL ENTRANCE
STA 102 + 15



POINT	STA	OFFSET	ELEV
A	102+03.76	7.00 RT	660.36*
B	102+27.57	8.36 RT	660.27*
C	102+04.01	4.00 RT	660.71
D	102+04.31	4.00 LT	660.83
E	101+97.44	4.00 LT	660.74
F	101+97.44	4.00 RT	660.62
G	102+27.92	4.00 RT	660.90
H	102+28.81	4.00 LT	660.94
I	102+35.33	4.00 LT	660.88
J	102+35.33	4.00 RT	661.00

* EXISTING PAVEMENT ELEVATION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

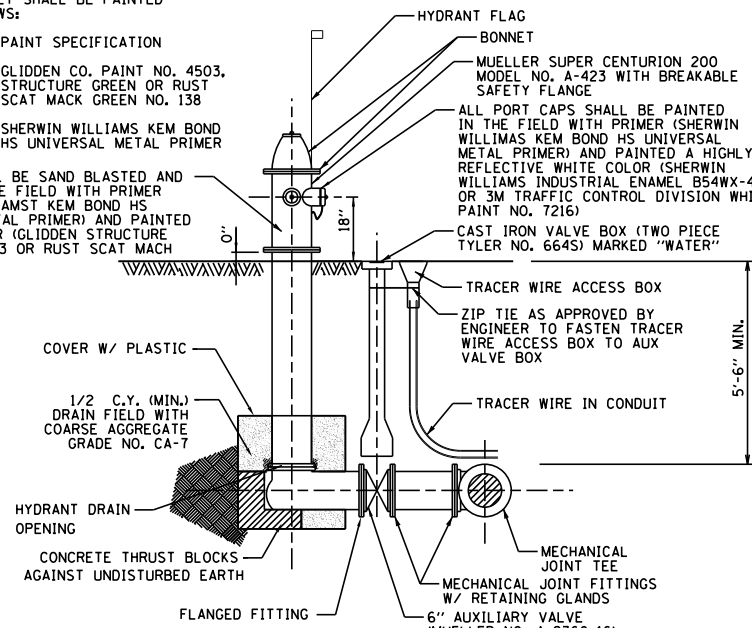
HARGER ROAD PATH
CONSTRUCTION DETAILS
SIDEWALK RAMPS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	15
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

THE BONNET SHALL BE PAINTED AS FOLLOWS:
 COLOR PAINT SPECIFICATION
 GREEN GLIDDEN CO. PAINT NO. 4503, STRUCTURE GREEN OR RUST SCAT MACK GREEN NO. 138
 PRIMER SHERWIN WILLIAMS KEM BOND HS UNIVERSAL METAL PRIMER

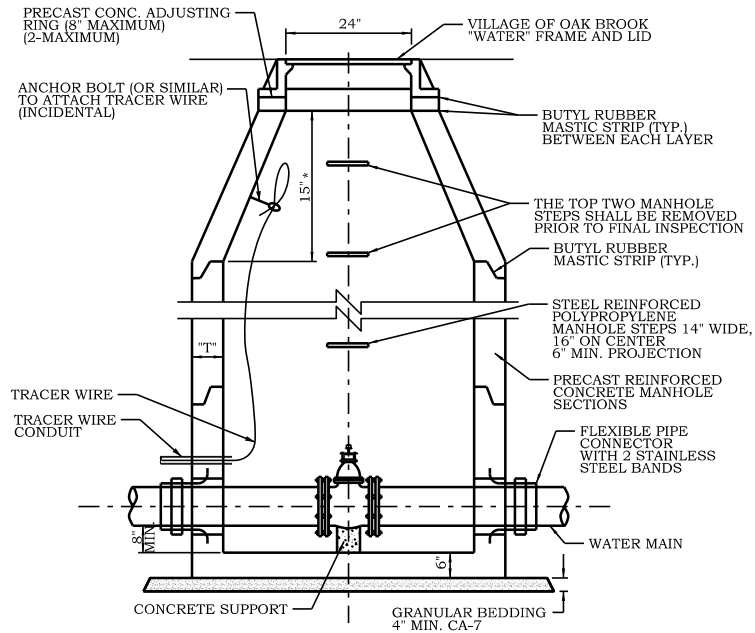
HYDRANT SHALL BE SAND BLASTED AND PAINTED IN THE FIELD WITH PRIMER (SHERWIN WILLIAMS KEM BOND HS UNIVERSAL METAL PRIMER) AND PAINTED A GREEN COLOR (GLIDDEN STRUCTURE GREEN NO. 4503 OR RUST SCAT MACK GREEN NO. 138)



NOTES:

1. CONCRETE THRUST BLOCKS SHALL NOT BLOCK OR OBSTRUCT HYDRANT DRAIN.
2. FIRE HYDRANT PORT CAP SHALL BE PLACED 5' MIN. OFF BOC.

FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

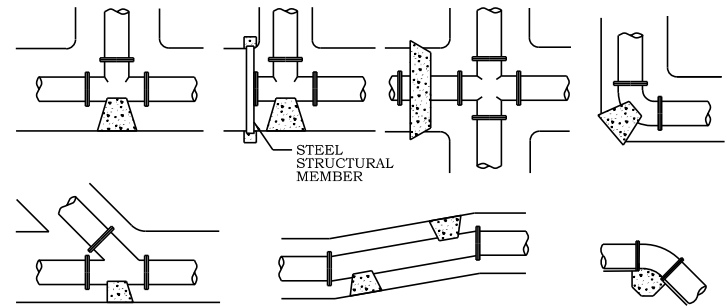


NOTES:

1. CONCENTRIC CONE REQUIRED.
2. USE 4'-0" DIAMETER FOR WATER MAIN SIZES THRU 8".
3. USE 5'-0" DIAMETER FOR WATER MAIN SIZES 10" AND GREATER, AND FOR ALL PRESSURE CONNECTIONS.
4. THICKNESS "T"=4" MIN. FOR 4' DIAMETER AND 5" MIN. FOR 5' DIAMETER VAULTS.
5. ALL PRECAST VAULT SECTIONS SHALL BE BITUMINOUS COATED.
6. UNLESS OTHERWISE SPECIFIED HEREIN CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STD. SPEC. FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION.

* FOR PRECAST CONCRETE SECTIONS, THIS DIMENSION MAY VARY FROM THE DIMENSION GIVEN TO PLUS 6"

VALVE VAULTS



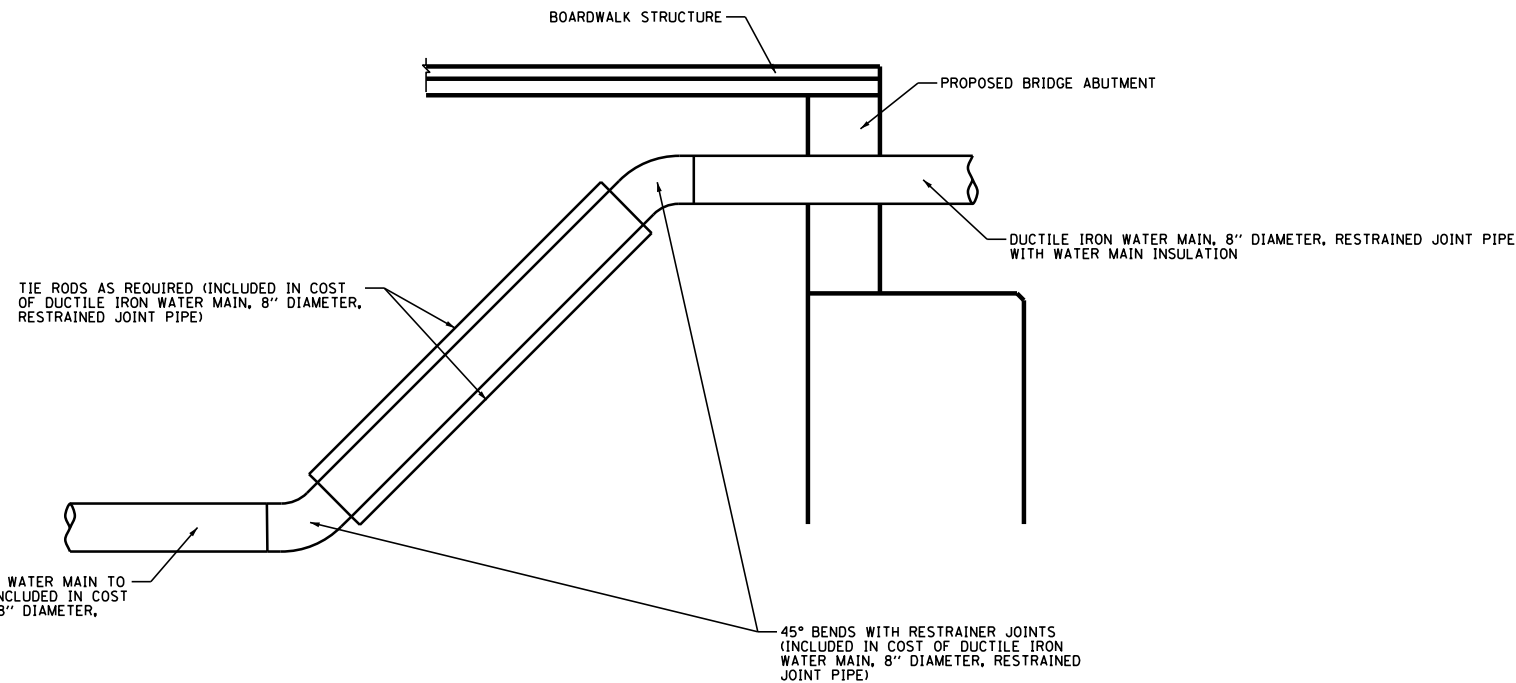
BEARING AREA (SQ. FT.)

PIPE SIZE	TEE/PLUG	90 DEG.	45 DEG.	22 1/2"	11 1/4"
6	4	2	1	1	1
8	6	4	3	1	1
10	7	5	3	2	1
12	8	6	4	3	2
14	12	9	6	4	3
16	15	12	7	5	3
18	18	15	9	5	4
24	40	30	15	10	5

NOTES:

1. ALL BLOCKING SHALL BE POURED CONCRETE AGAINST UNDISTURBED EARTH.
2. ALL BENDS OR ELBOWS GREATER THAN 11 1/4" SHALL HAVE THRUST BLOCKING.
3. IN ADDITION TO THRUST BLOCKING, ALL MECHANICAL JOINTS, BENDS OVER 11 1/4" AND FIRE HYDRANTS SHALL HAVE "MEGA LUG" JOINT RESTRAINTS AND STAINLESS STEEL BOLTS AND NUTS.

WATERMAIN THRUST BLOCKING



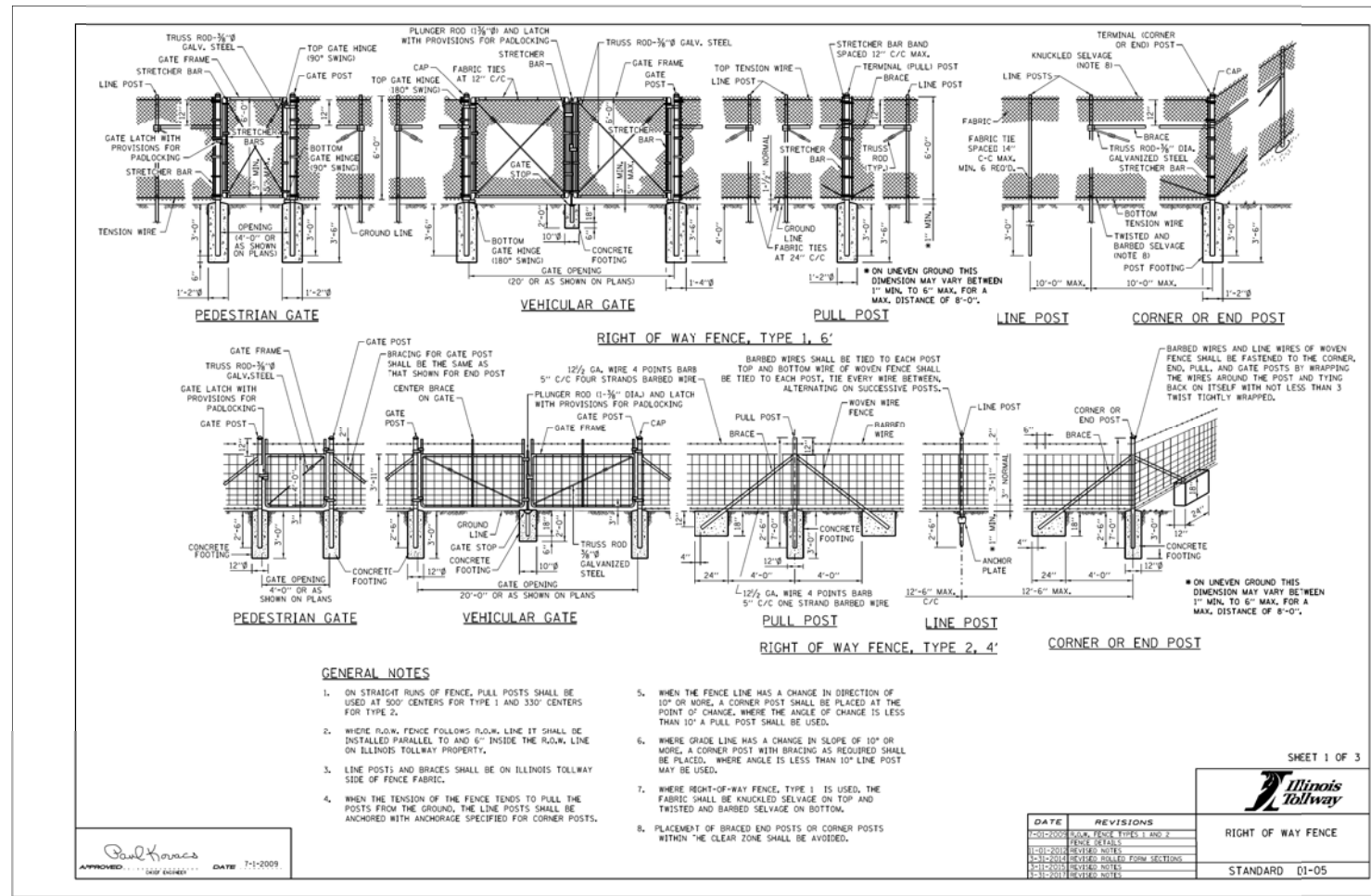
WATERMAIN TRANSITION TO BRIDGE



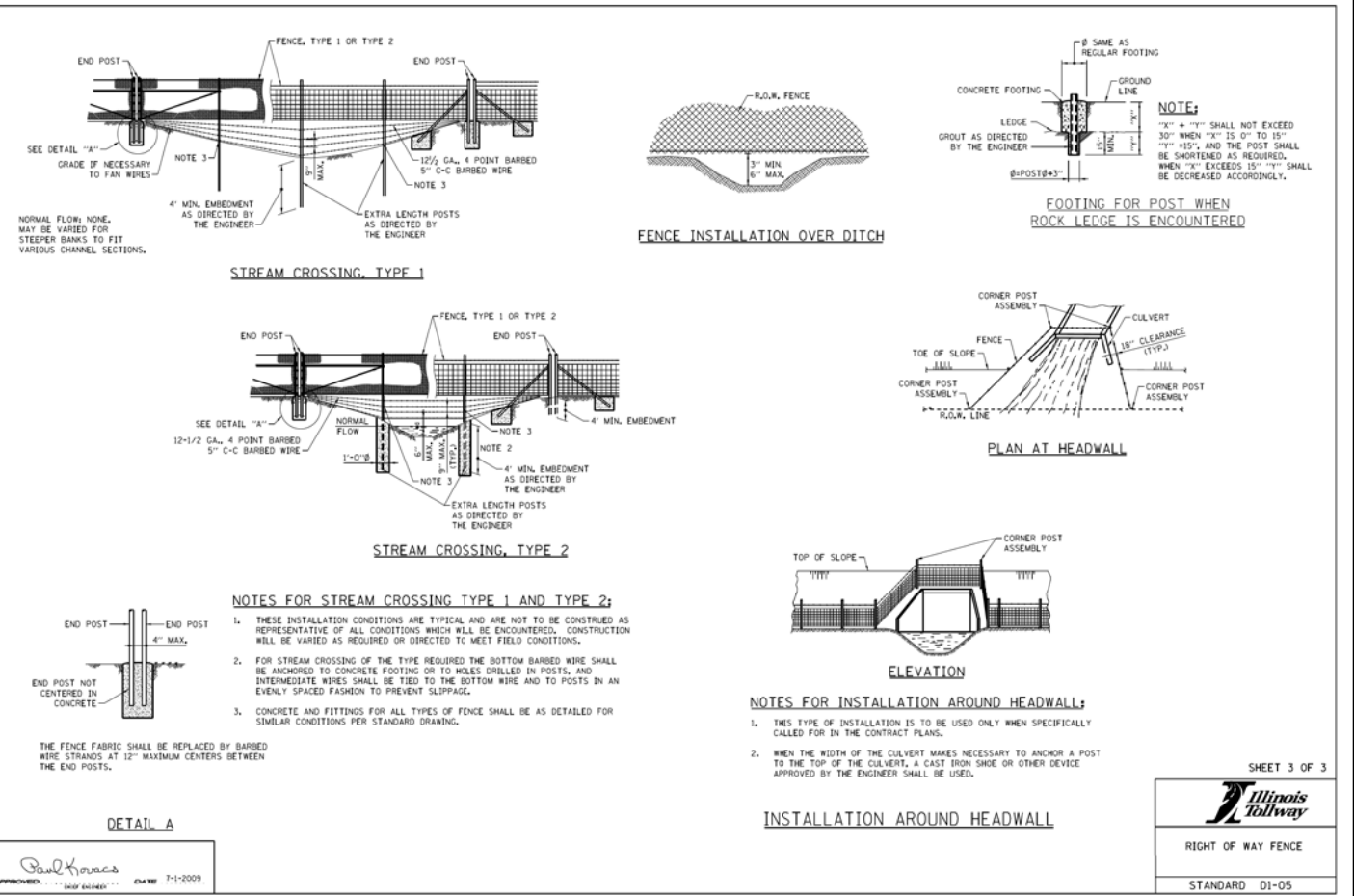
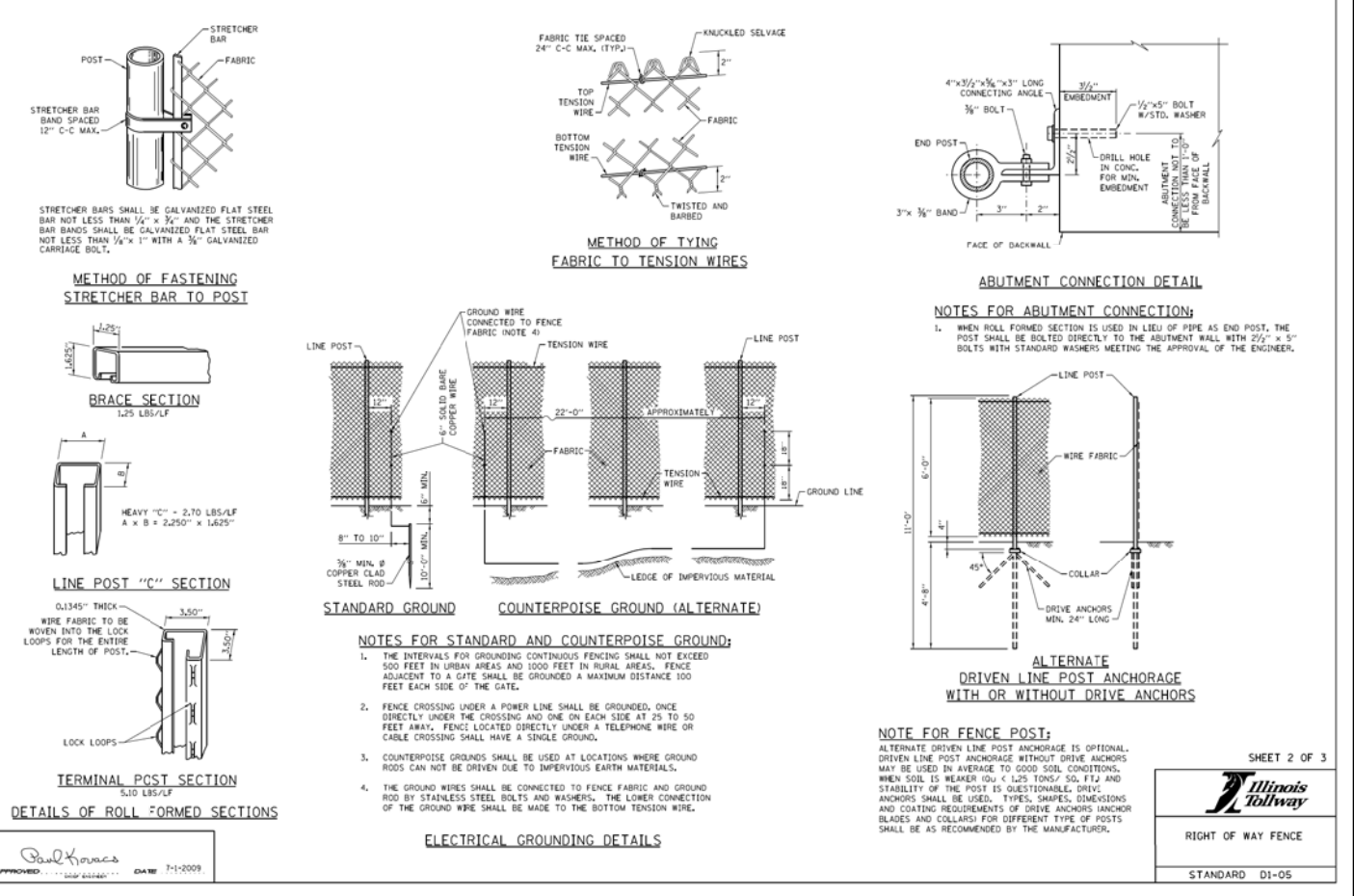
WATERMAIN ATTACHED TO PREFABRICATED PEDESTRIAN BRIDGE

FOR MORE INFORMATION SEE STRUCTURAL GENERAL NOTES

FILE NAME = N:\OAKBROOK\160597.00024-PH2\Civi\DET.160597BG24PH2.01.DGN	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HARGER ROAD PATH CONSTRUCTION DETAILS				F.A.U. RTE. 1446	SECTION 19-00050-00-BT	COUNTY DUPAGE	TOTAL SHEETS 33	SHEET NO. 16
Default	PLOT SCALE = 48"	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61G55	
	PLOT DATE = 4/10/2020	DATE - 03/01/20	REVISED -		ILLINOIS FED. AID PROJECT								



CHAIN LINK FENCE, 6' (SPECIAL)



I General Notes

1. All work shall be done in accordance to the Illinois Department of Transportation (IDOT) Standard Specification for Road and Bridge Construction. Adopted April 1, 2016, and latest Supplemental Specifications and recurring Special Provisions, unless noted otherwise. Construction Plans and Subsequent Details are all to be considered as part of the Contract. Incidental Items or Accessories necessary to complete this work may not be specifically noted but are considered a part of this Contract.

2. No Construction Plans shall be used for Construction unless specifically Marked for Construction. Prior to commencement of construction, the Contractor shall verify all dimensions and conditions affecting the work with the actual conditions, if there are discrepancies between the Job site and what is shown on the construction plans, the contractor must immediately report to Engineer before doing any work, otherwise the Contractor shall assume full responsibility. In the event of disagreement between the plans and existing conditions and or details, the Contractor shall secure written Instruction from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. In failing to secure such instruction, the Contractor will be considered to have proceeded at his own risk and expense. In the event of any doubt or questions arising with respect to the true meaning of the Construction Plans or Specifications, the decision of the Engineer shall be final and conclusive.

3. Contractor shall verify all topographic Information and grade elevations adjacent to bridge prior to proceeding, Inform Engineer of any variation.

II CAST-IN-PLACE CONCRETE

1. All cast-in-place concrete work and reinforcing steel work shall be in accordance with Sections 503 and 508 respectively of the IDOT Standard Specifications for Road and Bridge Construction, adopted April 1, 2016, and Supplemental Specifications and Recurring Special Provisions and as noted below.

2. Cover from the face of concrete to face of reinforcement bars shall be 3" for surfaces cast against earth and 2" for all other surfaces unless otherwise shown.

3. Reinforcement Bars designated (E) shall be Epoxy Coated.

4. Reinforcing bar bending dimensions are out to out.

5. All exposed concrete edges shall be beveled 3/4".

6. Concrete Sealer shall be applied to the designated areas of the exposed faces of the pier, pier caps, abutment seats, and backwall.

III PREFABRICATED PEDESTRIAN BRIDGE

The Prefabricated Pedestrian Bridge shall be designed, fabricated, delivered and erected according to the Special Provisions of "Pedestrian Truss Superstructure" and design plans.

1. Style: Pratt Truss or Approved Equal.

2. Span: Span 148'-0" End to End.

3. Loading: Per AASHTO Guide Specification for Design of Pedestrian Bridges, 2nd Edition
 Dead Load: Actual weight of the structure and attached watermain
 Live Load: 90 PSF or H10 (20,000 Lb) vertical load. Vertical impact is not required.
 Wind Load: 35 PSF on the full vertical projected area of the bridge, as if enclosed.

4. Finishes: All steel shall be unpainted weathering.

5. The total depth of deck, from top of deck to the bottom of bottom chord shall be less than 3'-4".

6. Truss manufacturer shall camber the truss as necessary to provide allowance for dead load deflection and to meet the desired vertical curve.

7. Bridge bearing seat elevations are subject to revision based on the approved pedestrian truss superstructure shop drawings. Contractor shall verify all dimensions and elevations with final shop drawings.

8. The Contractor shall provide the reinforced concrete deck design. Concrete deck to utilize stay-in-place galvanized forms. Reinforcement shall be epoxy coated. Contractor shall place the concrete deck after truss is set. Cost included with Pedestrian Truss Superstructure. This cost includes all design, materials, and labor for the concrete deck.

9. Truss Manufacturer shall provide joint covers for joints between abutment backwall or boardwalk and steel truss. Cost included with Pedestrian Truss Superstructure.

10. Quality: The bridge manufacturer shall maintain proper records assuring that all steel, bolts, and materials used are in accordance with material specified. The bridge shall be identified and marked with a permanent nameplate showing the manufacturer's name, location, date of manufacture, and load carrying capacity. Structural material shall be traceable to each bridge. All welders shall be qualified in accordance with AWS D1.1-2002 structural welding code. All workmanship shall be in compliance with AASHTO and AISC standard practice. Full penetration weld details used in shop splices shall be submitted to the Engineer to determine testing required (if any).

11. Delivery: Bridges shall be delivered by truck to a location nearest the site accessible by roads.

12. Field welding of construction accessories will not be permitted to beams or girders.

13. Insulated watermain will be suspended from the Pedestrian Truss Superstructure. Contractor shall coordinate the design and installation of watermain and hanger system with manufacturer. All design, materials, and installation of insulated watermain and watermain hanger components shall be included in the cost of Pedestrian Truss Superstructure.

IV PRECAST CONCRETE BOARDWALK

1. Only PermaTrak North America may provide the precast structure shown in the plans.

2. Abutments and Drilled Shafts shall be designed for lateral earth pressure, live load surcharge, and structure loads.

Pier loads are based upon a maximum longitudinal spacing of 20'-0".

Compression: 27.7 kips (Service)
 Lateral: 1.7 kips (Service)

The Contractor shall be responsible for the design, materials, and installation of the drilled shaft foundation piers, cast in place concrete grade beam supports, and railing for the Boardwalk Structure. All foundation locations shown in the boardwalk plans are approximate and shall be determined in the final boardwalk design. All details are approximate and are to be used for estimate purposes only. Contractor shall coordinate design of support foundations and railings with PermaTrak prior to delivery of final design package for review. See Special Provisions for more details.

3. All bolts, nuts, washers, and hardware shall be hot-dipped galvanized after fabrication in accordance with ASTM A153.

V CONSTRUCTION

1. Do not scale dimensions for construction. Scale, if shown, applies only to full size drawings.

2. No construction joints, except those shown on the plans, will be allowed unless directed by the Engineer.

3. Any information concerning type or location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of the utilities as may be necessary to avoid damage thereto. Contractor shall call J.U.L.I.E. and the Engineer prior to excavation.

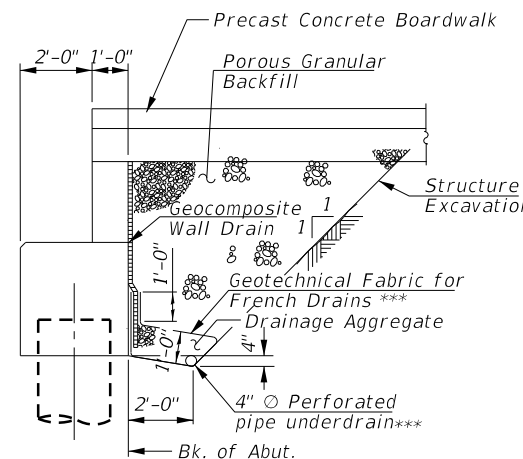
4. Shop working or layout drawings pertaining to the construction of the work, as may be required, shall be submitted to the Engineer for approval prior to the start of construction. Shop drawing shall be signed and sealed by a Structural Engineer licensed in State of Illinois.

5. Upon completion, the contractor shall collect and remove all construction debris and excess material from the site. Damaged trees, shrubs, and other landscape features resulting from construction activities shall be replaced or repaired.

6. All bearing surfaces must be true and level.

7. Contractor must coordinate with Bridge Manufacturer to ensure proper placement of cast-in-place anchors. If the contractor elects to use post-installed anchors in lieu of cast-in-place anchors, he must coordinate the plate dimensions, bolt spacing and bolt quantity with the Bridge Manufacturer prior to construction.

Pay Item	Description	Unit	Quantity
20900110	POROUS GRANULAR BACKFILL	CU YD	250
50200100	STRUCTURE EXCAVATION	CU YD	270
50300225	CONCRETE STRUCTURES	CU YD	28.9
50800105	REINFORCEMENT BARS	POUND	2390
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4080
51603000	DRILLED SHAFT IN SOIL	CU YD	6.2
51604000	DRILLED SHAFT IN ROCK	CU YD	1.4
52200010	TEMPORARY SHEET PILING	SQ FT	710
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	610
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	40
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2090
XX008287	BOARDWALK STRUCTURE	SQ FT	5785
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	215
Z0077900	WOOD POST AND RAIL FENCE	FOOT	150



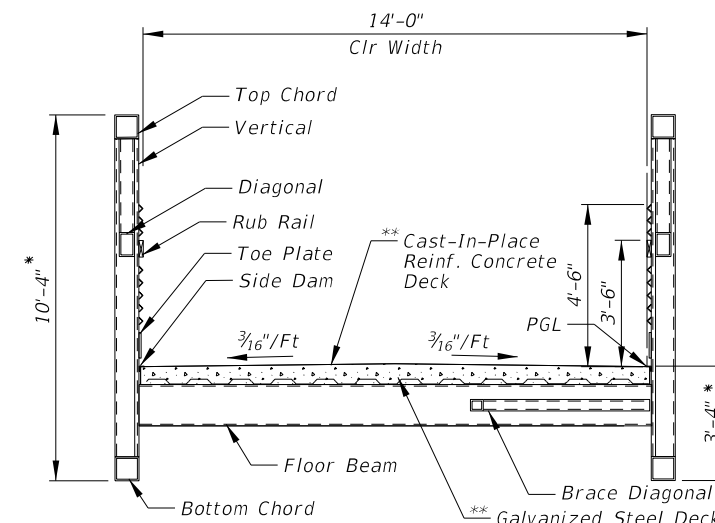
SECTION THRU ABUTMENT

*** Included in the cost of Pipe Underdrains for Structures, 4"

TRUSS REACTION TABLE (UNFACTORED)

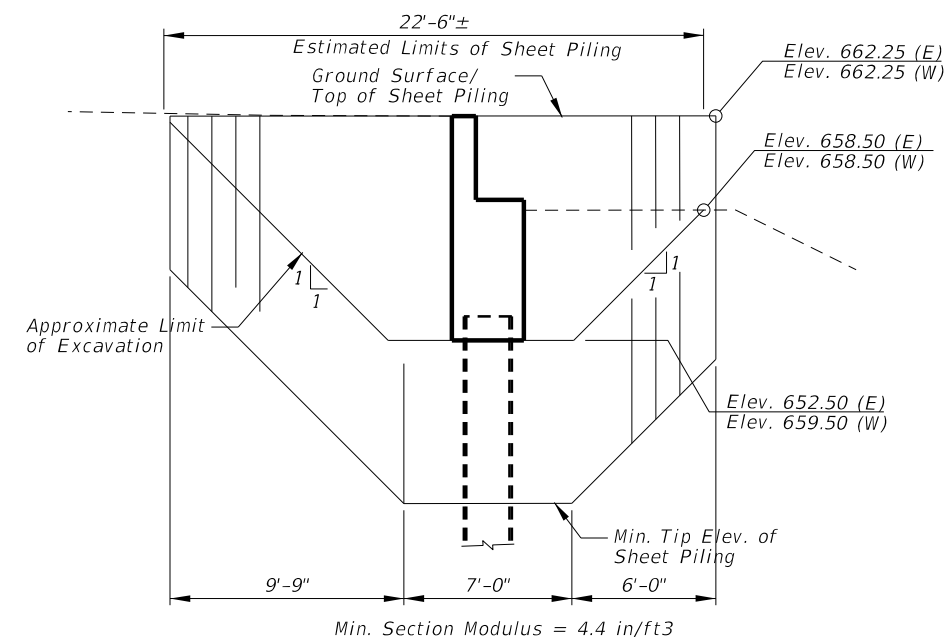
Loading Type	P (Kips)	H (Kips)
Dead Load	88.3	—
Uniform Live Load	50.9	—
Vehicle Load	10.0	—
Wind Load	12.8	32.0

Loads are provided by a fabricator and are for reference only.
 P = Vertical Load at Each Bearing
 H = Horizontal Load at Each Footing

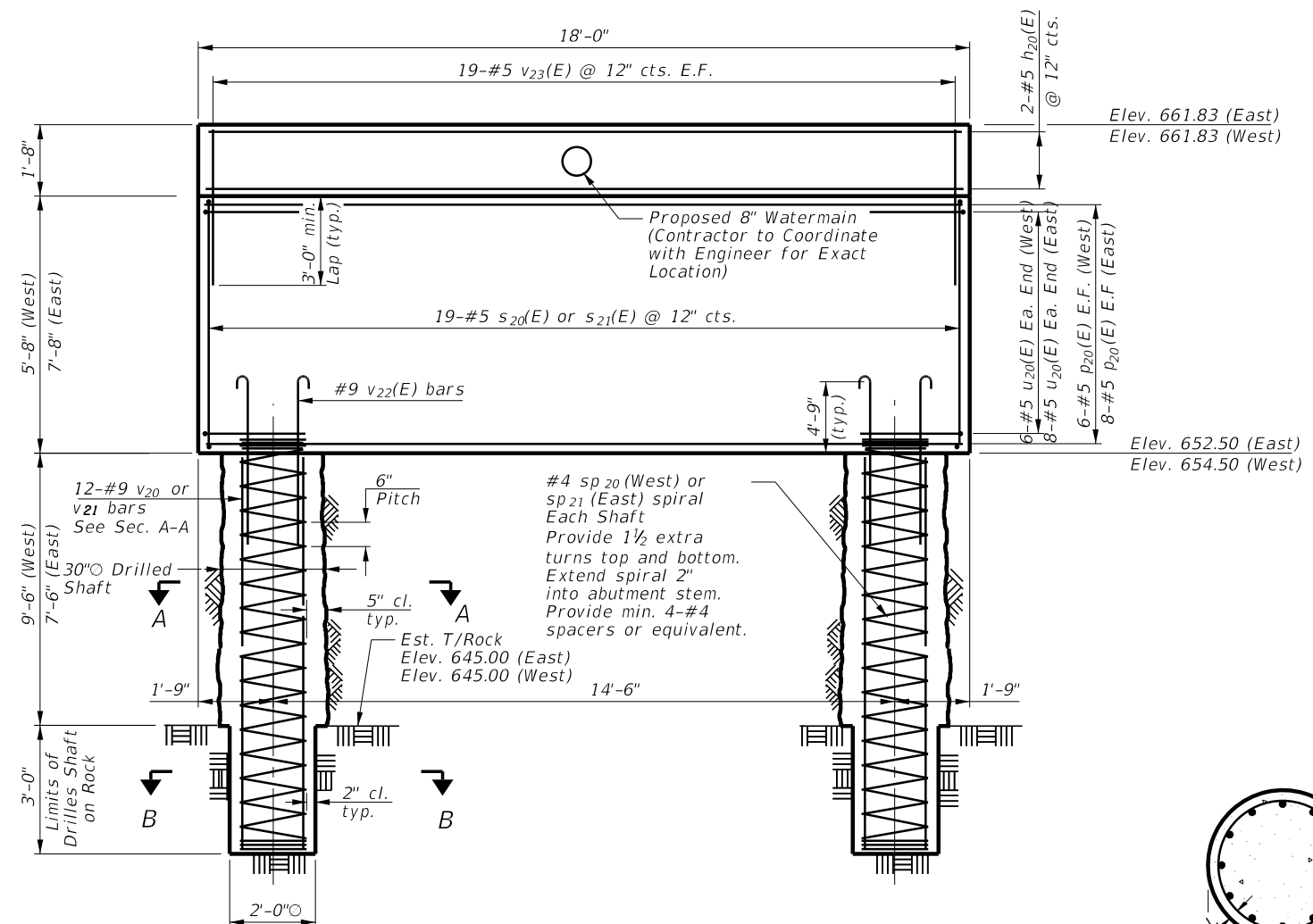


TYPICAL SECTION

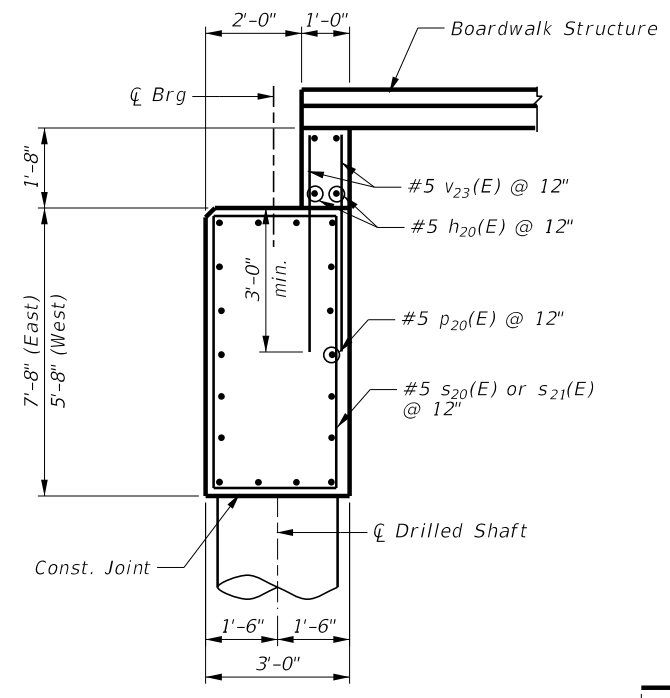
* Contractor Shall Coordinate All Dimensions with Bridge Manufacturer Prior to Construction.
 ** Concrete Form Pan and Deck Design are Provided by Bridge Manufacturer. Concrete Slab and Reinforcement Shall Be Provided by Contractor After Bridge is Erected. Concrete and Reinforcing Requirements to be Coordinated with Bridge Manufacturer.



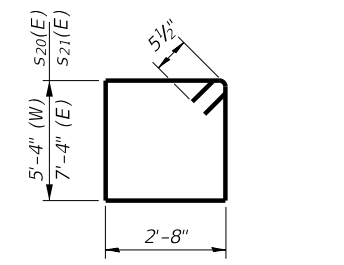
TEMPORARY SHEET PILING



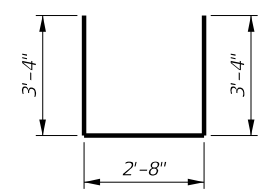
ELEVATION



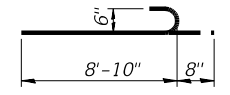
SECTION THRU ABUTMENT



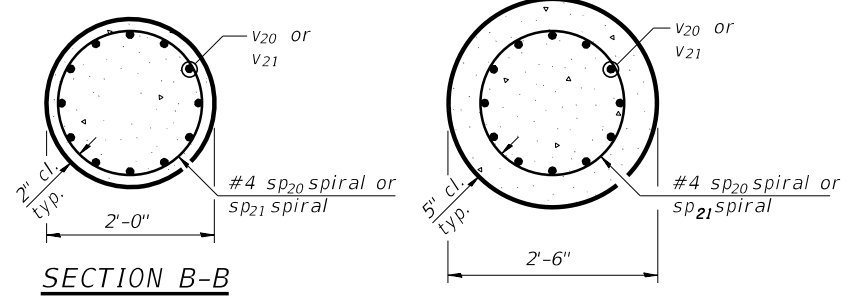
BARS s20(E) & s21(E)



BAR u20(E)



BAR v22(E)



SECTION B-B

SECTION A-A

BILL OF MATERIAL (2 ABUTMENTS)

Bar	No.	Size	Length	Shape
h20(E)	8	#5	17'-8"	—
p20(E)	36	#5	17'-8"	—
s20(E)	19	#5	16'-11"	□
s21(E)	19	#5	20'-11"	□
sp20	2	#4	13'-7"	⋈
sp21	2	#4	18'-2"	⋈
u20(E)	28	#5	9'-4"	U
v20(E)	24	#9	12'-6"	—
v21(E)	24	#9	10'-6"	—
v22(E)	48	#9	9'-6"	—
v23(E)	76	#5	5'-2"	—
Concrete Structures		Cu. Yd.	28.9	
Structure Excavation		Cu. Yd.	57.0	
Reinforcement Bars		Pound	2390	
Reinforcement Bars, Epoxy Coated		Pound	4080	
Drilled Shaft in Soil		Cu. Yd.	6.2	
Drilled Shaft in Rock		Cu. Yd.	1.4	
Geocomp. Wall Drain		Sq. Yd.	40	
Pipe Underdrain for Structures, 4"		Foot	56	

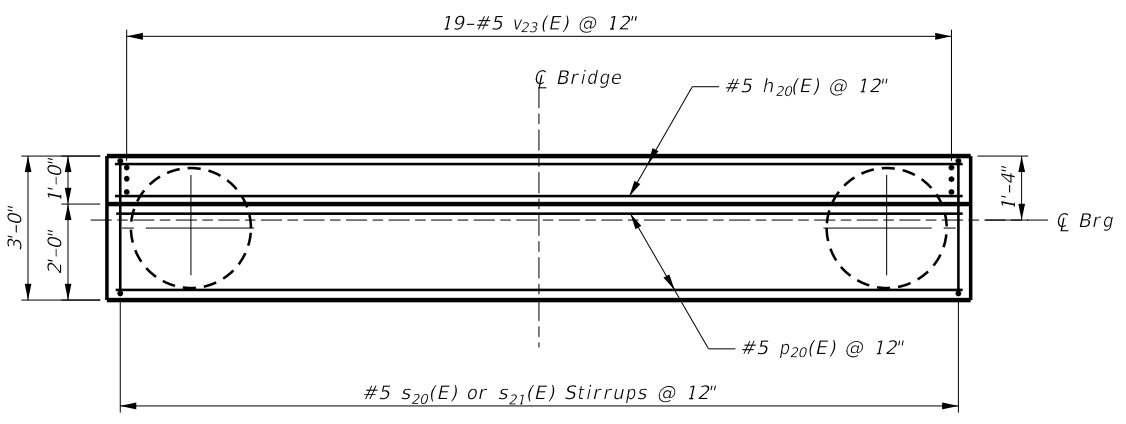
BEARING SEAT ELEVATIONS

E. Abutment Elev. 659.50
W. Abutment Elev. 659.50

Seat elevations may change base on Truss Manufacturer's design drawings. Contractor shall verify elevations and dimensions prior to ordering materials.

* The quantities and reinforcement detailing are based on the top of shaft and the estimated top of rock elevations shown and may change based on the actual top of rock encountered at each shaft and the final top of shaft elevation.

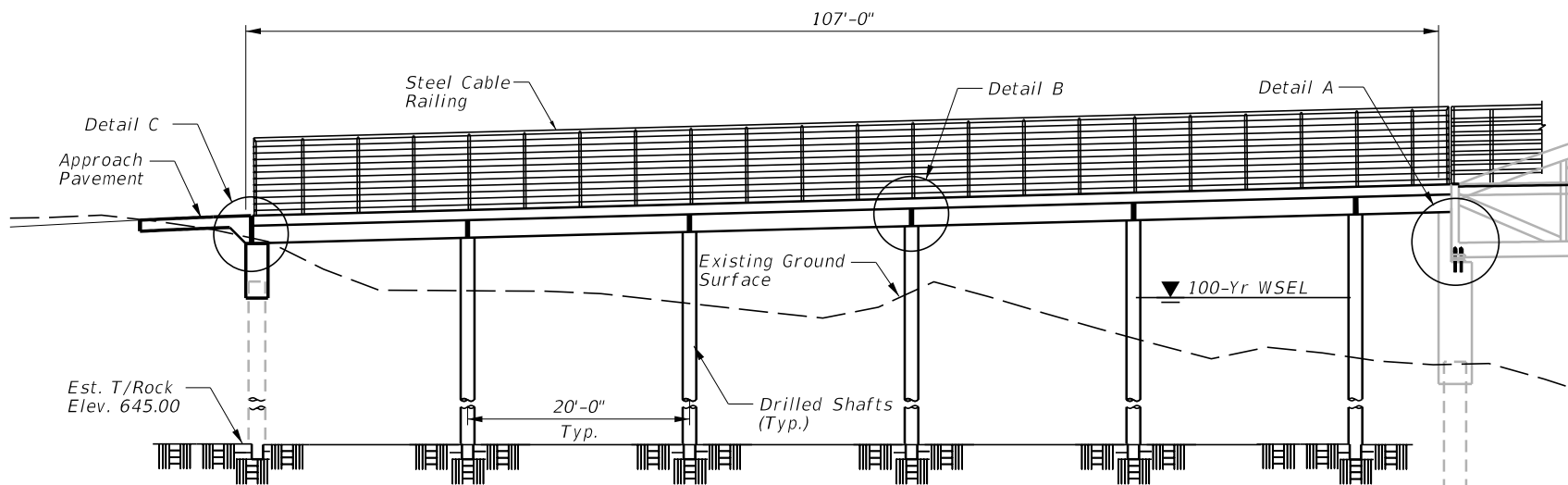
Space cap reinforcement to miss anchor bolts.
Minimum lap for spirals =
** Length is height of spiral.



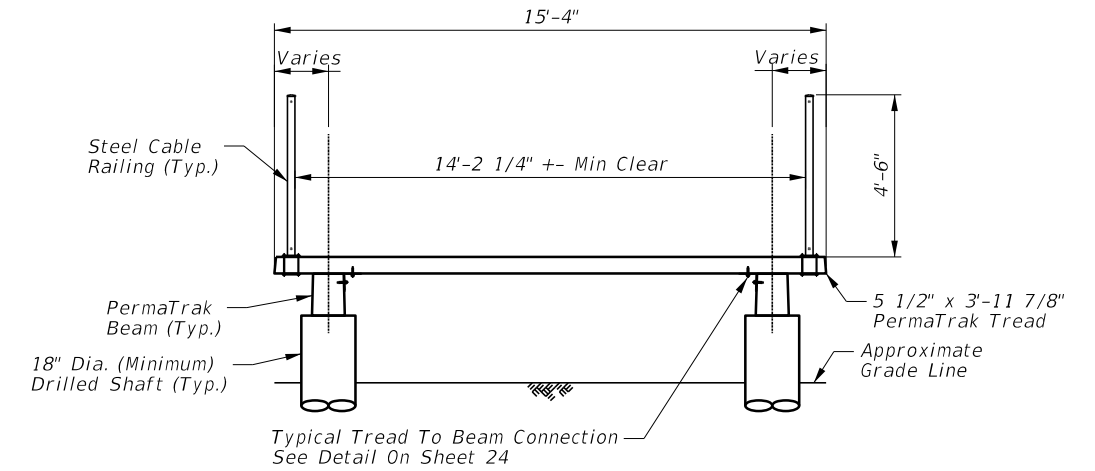
PLAN

Bench Mark: Square cut on northeast corner wall of Bridge over Salt Creek over Harger Road.
Elevation 665.10

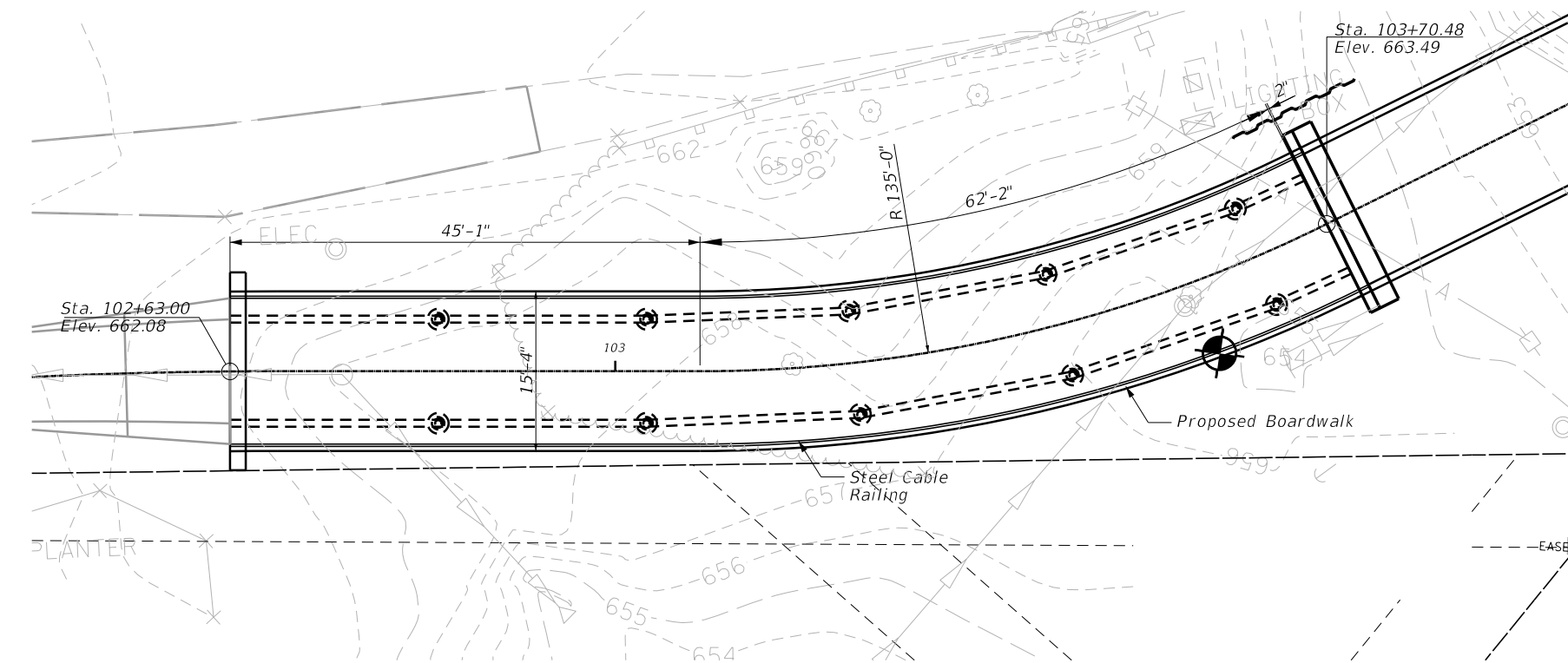
Existing Structure: None



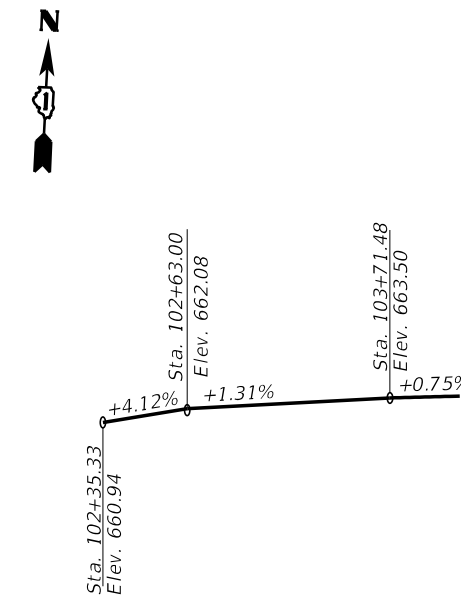
ELEVATION



TYPICAL CROSS SECTION



PLAN

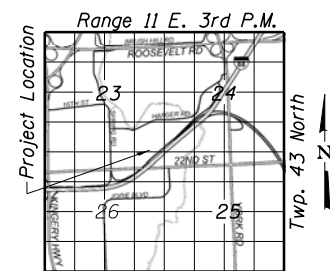


PROFILE GRADE

DESIGN SPECIFICATIONS

2018 AASHTO Bridge Design Specifications,
8th Edition and 2009 LRFD Guide Specifications
for the Design of Pedestrian Bridge.

Uniform Live Load = 90 PSF
Vehicle Live Load = H10



LOCATION SKETCH

**GENERAL PLAN & ELEVATION
HARGER BIKE PATH
PROPOSED BOARDWALK
SECTION 19-00050-00-BT
DuPAGE COUNTY
STA. 102+63.00 to STA. 103+70.00**

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevations (ft.)		Item
Q100	653.6	8
Q200	653.5	8

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
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	PLOT DATE = 4/10/2020	DATE - 03/01/20	REVISED -

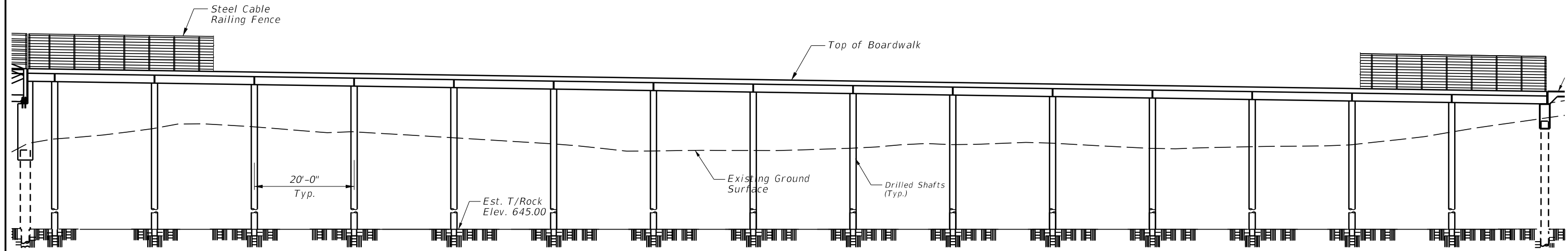
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HARGER ROAD PATH PEDESTRIAN BRIDGE OVER SALT CREEK GENERAL PLAN AND ELEVATION - BOARDWALK			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

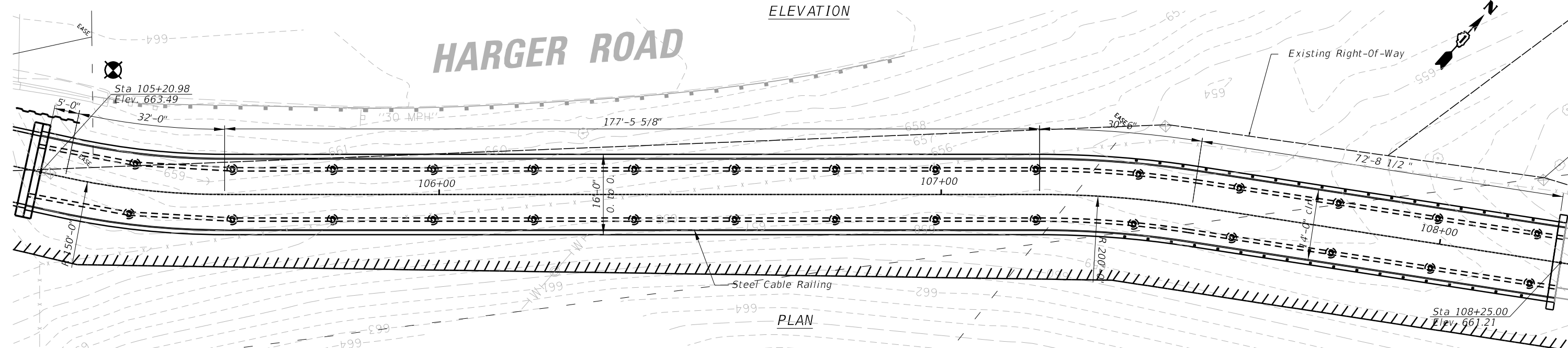
F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	21
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

Bench Mark: Square cut on northeast corner wall of Bridgr over Salt Creek over Harger Road.
Elevation 665.10

Existing Structure: None



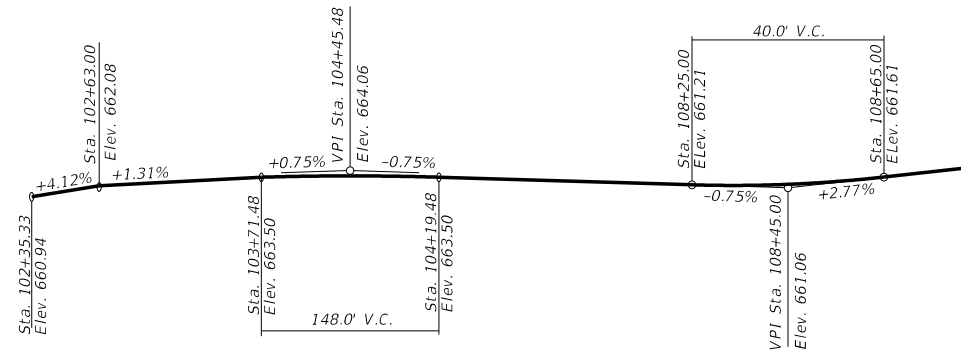
ELEVATION



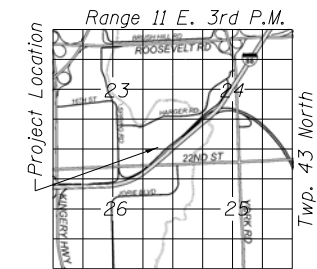
PLAN

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevations (ft.)		Item
Q100	653.2	8
Q200	653.1	8



PROFILE GRADE



LOCATION SKETCH

DESIGN SPECIFICATIONS

2018 AASHTO Bridge Design Specifications, 8th Edition, with 2018 Interims and 2009 LRFD Guide Specifications for the Design of Pedestrian Bridge.

Uniform Live Load = 90 PSF
Vehicle Live Load = H10

GENERAL PLAN & ELEVATION

HARGER BIKE PATH

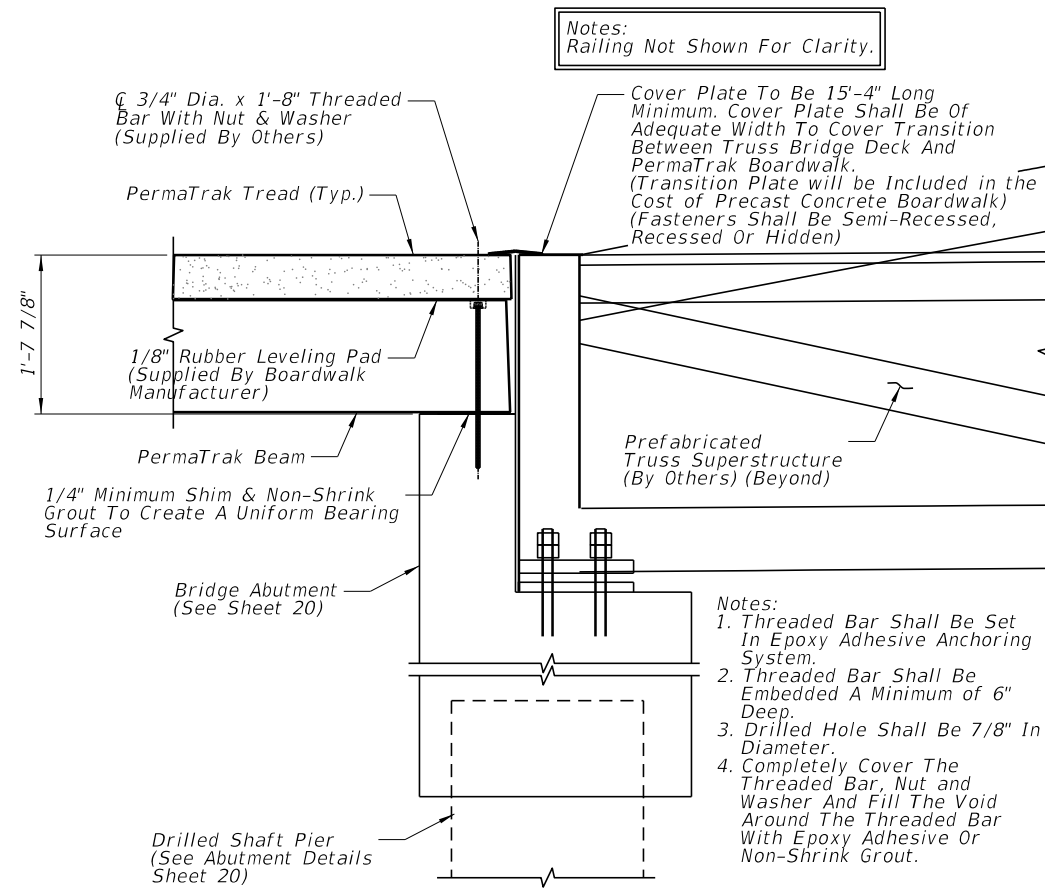
PROPOSED BOARDWALK

SECTION 19-00050-00-BT

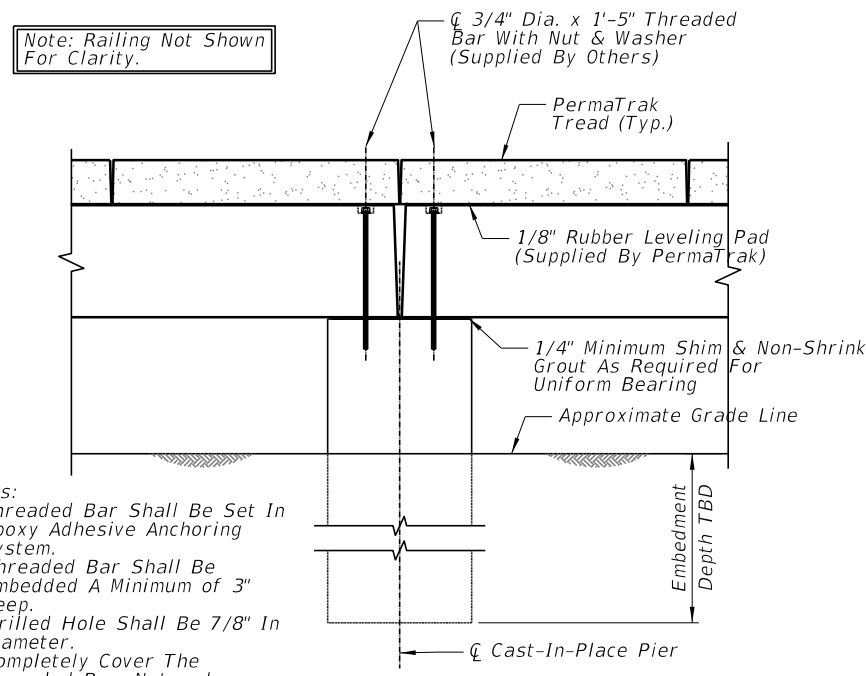
DuPAGE COUNTY

STA. 105+20.98 to STA. 108+25.00

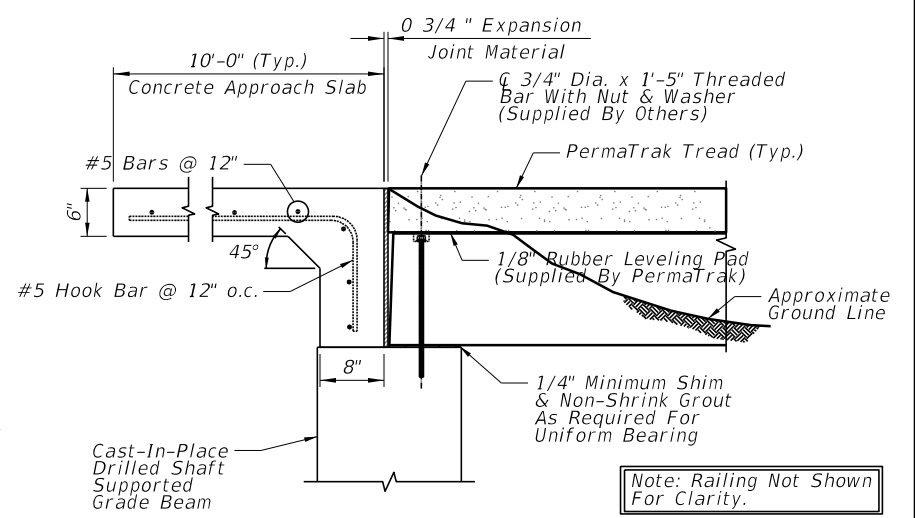
FILE NAME = N:\OAKBROOK\160597.00\24\Struct\160597.00\24-S05-TSL-PermaTrack-02.sht	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HARGER ROAD PATH PEDESTRIAN BRIDGE OVER SALT CREEK GENERAL PLAN AND ELEVATION - BOARDWALK	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 28'	DRAWN -	REVISED -			1446	19-00050-00-BT	DUPAGE	33	22	
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		DATE = 03/01/20	REVISED -			ILLINOIS FED. AID PROJECT					



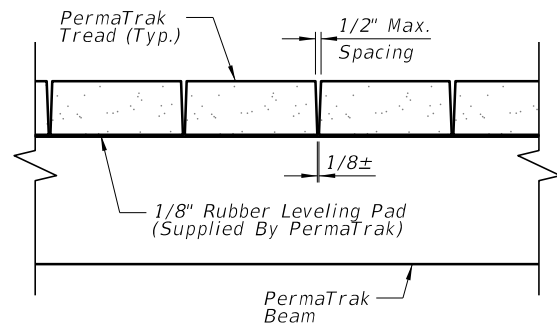
DETAIL A - TYPICAL CAST-IN-PLACE GRADE BEAM ABUTMENT
Scale: Not To Scale



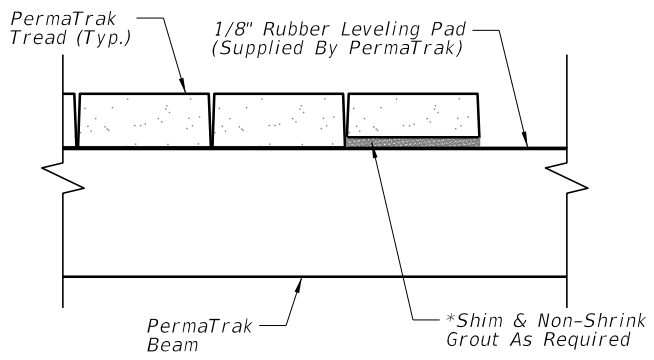
DETAIL B - TYPICAL PIER CONNECTION
Scale: Not To Scale



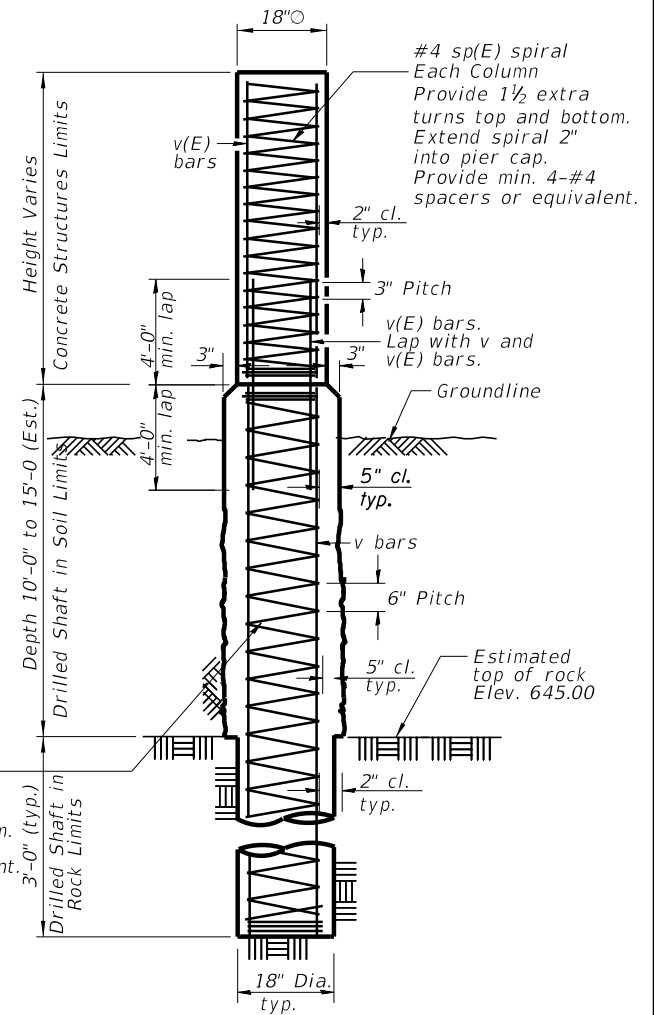
DETAIL C - TYPICAL APPROACH
Scale: 1" = 1'-0"



TYPICAL TREAD SPACING DETAIL
Scale: Not To Scale



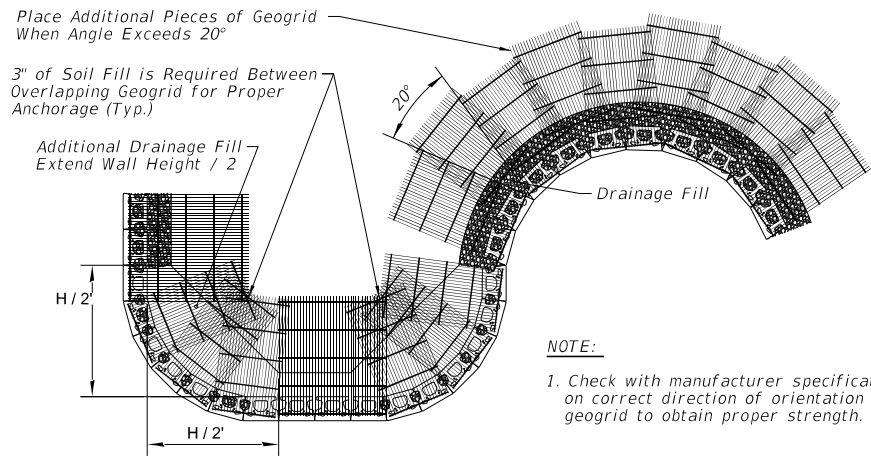
TYPICAL SHIM/GROUT DETAIL (UNDER TREAD)
Scale: Not To Scale



TYPICAL CONCRETE CAISSON DETAIL

Note:
The Contractor shall be responsible for the design, materials, and installation of the drilled shaft foundation piers, cast in place concrete grade beam supports, and railing for the Boardwalk Structure. All foundation locations shown in the boardwalk plans are approximate and shall be determined in the final boardwalk design. All details are approximate and are to be used for estimate purposes only. Contractor shall coordinate design of support foundations and railings with PermaTrak prior to delivery of final design package for review. See Special Provisions for more details.

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HARGER ROAD PATH PEDESTRIAN BRIDGE OVER SALT CREEK PERMATRAK BOARDWALK DETAILS				F.A.U. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 2"	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 61G55				
	PLOT DATE = 4/10/2020	DATE - 03/01/20	REVISED -		ILLINOIS FED. AID PROJECT								

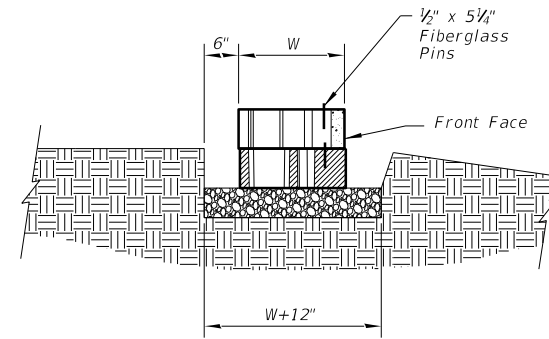


NOTE:
1. Check with manufacturer specifications on correct direction of orientation for geogrid to obtain proper strength.

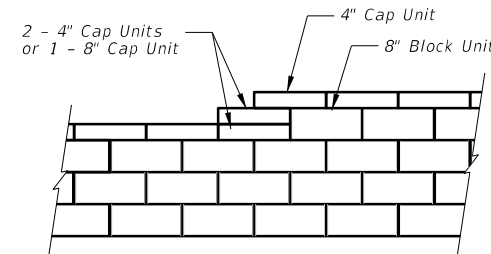
GEOGRID INSTALLATION ON CURVES

NOTE:
Segmental Concrete Block Wall Supplier Shall Provide Details Required for Construction of the Proposed Walls. All Segmental Concrete Block Wall Details Shown in these Plans are Conceptual and are to be Used for Estimating Purposes Only. Actual Details Will Depend on the Proposed Wall System Submitted by The Contractor. Details for Wall Curves, Pipe Penetrations, Drainage Structures or Trees Behind Walls, and other Miscellaneous Details Shall be Provided by the Wall Supplier.

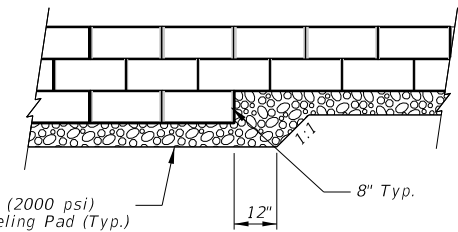
* Any Structure Excavation Needed Shall Be Included in Cost of Segmental Concrete Block Wall.



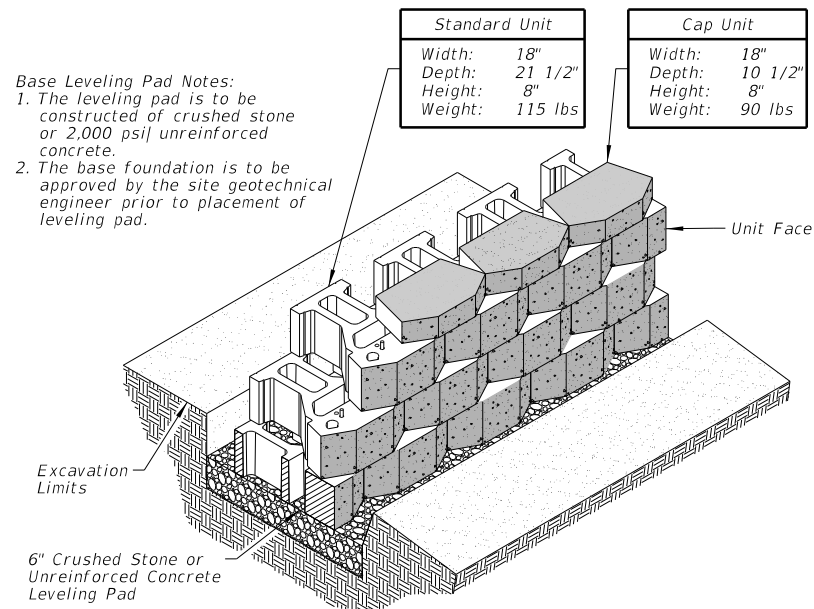
Section
LEVELING PAD DETAIL



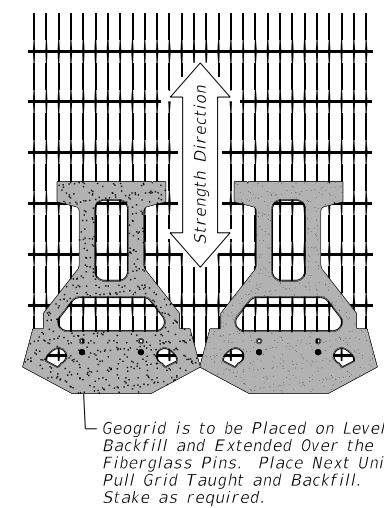
TOP OF WALL STEPS
2-4" Cap Units shall be used for steps at wall ends



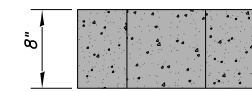
BOTTOM OF WALL STEPS



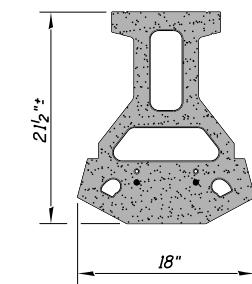
STANDARD UNIT/BASE PAD ISOMETRIC SECTION VIEW



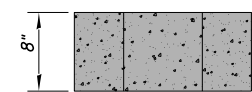
GRID AND PIN CONNECTION



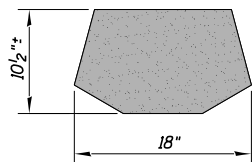
Standard Elevation



STANDARD UNIT



Cap Unit Elevation



Cap Unit Plan

3-PLANE SPLIT
CAP UNIT OPTION

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\OAKBROOK\160597.00024\Struct\160597.0024-S09-Wall Details.sht		DRAWN -	REVISED -
Default	PLOT DATE = 4/10/2020	CHECKED -	REVISED -
		DATE - 03/01/20	REVISED -

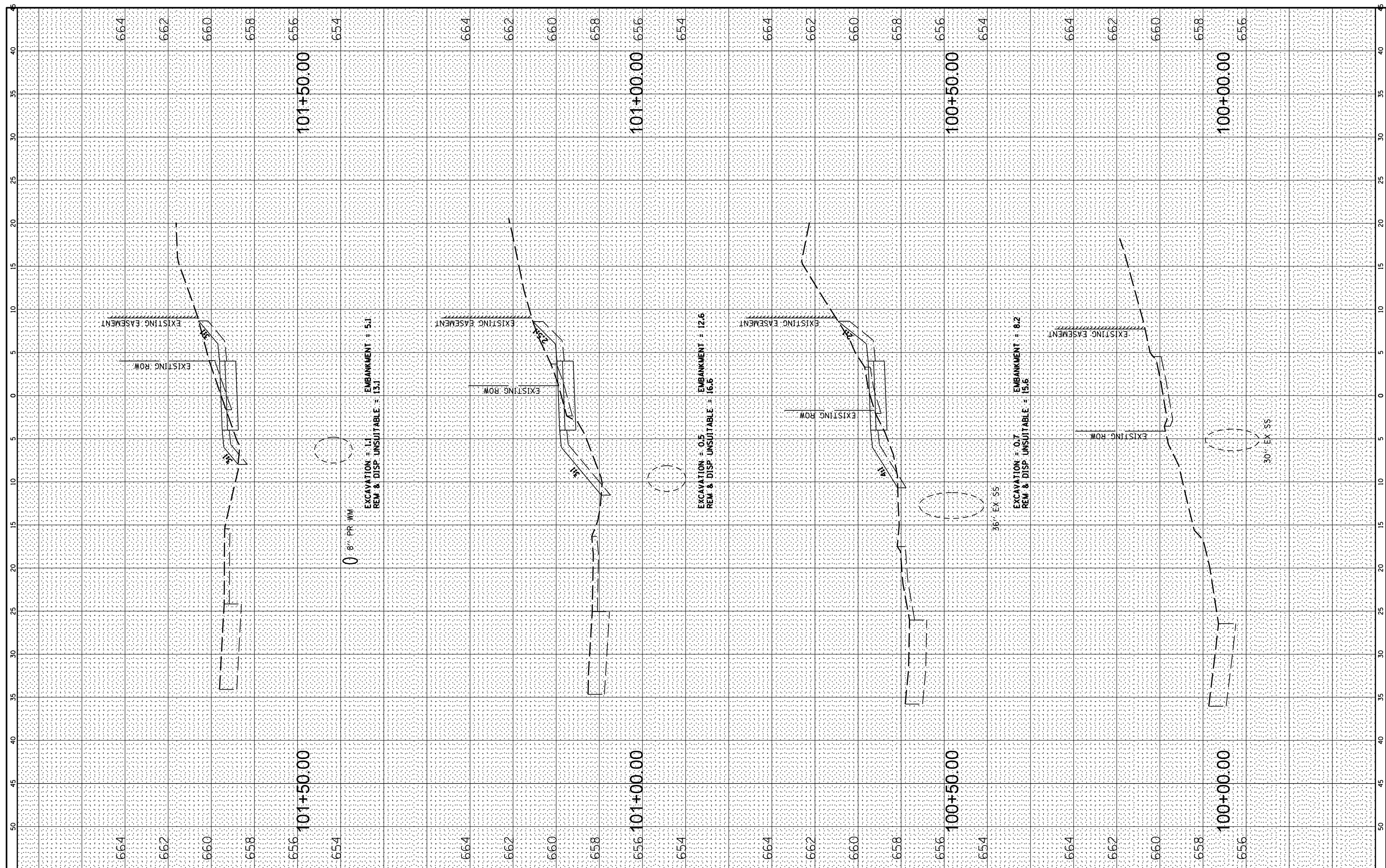
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARGER ROAD PATH			
PEDESTRIAN BRIDGE OVER SALT CREEK			
RETAINING WALL DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-00050-00-BT	DUPAGE	33	26
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

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

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



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 USER NAME = mthomas
 PLOT SCALE = 18"
 PLOT DATE = 4/10/2020

DESIGNED	-	REVIS	-
DRAWN	-	REVIS	-
CHECKED	-	REVIS	-
DATE	-	REVIS	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

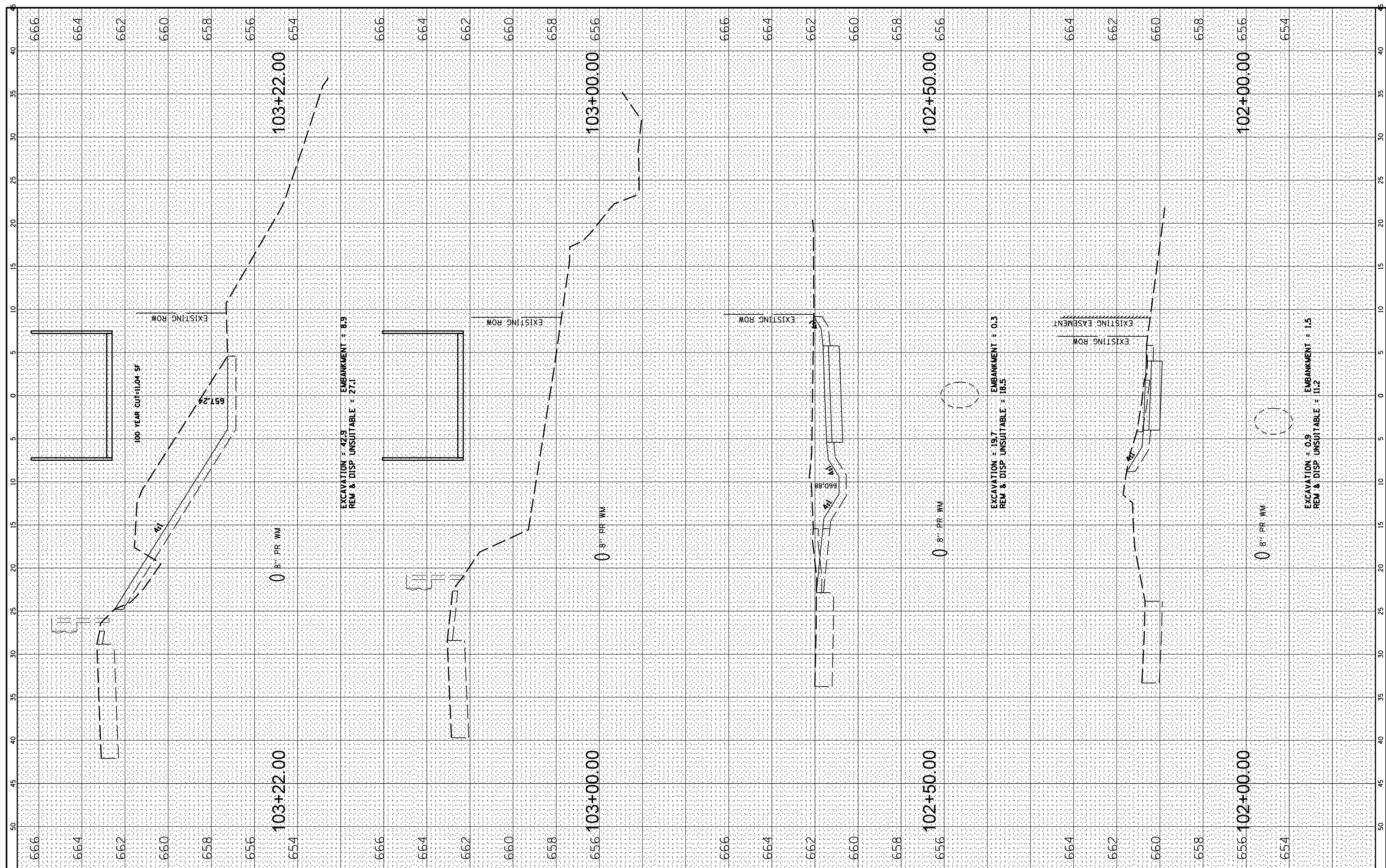
**HARGER ROAD PATH
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 101+50.00

F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-0050-00-BT	DUPAGE	33	27
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

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

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



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 PLOT SCALE = 10'
 PLOT DATE = 4/10/2020

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

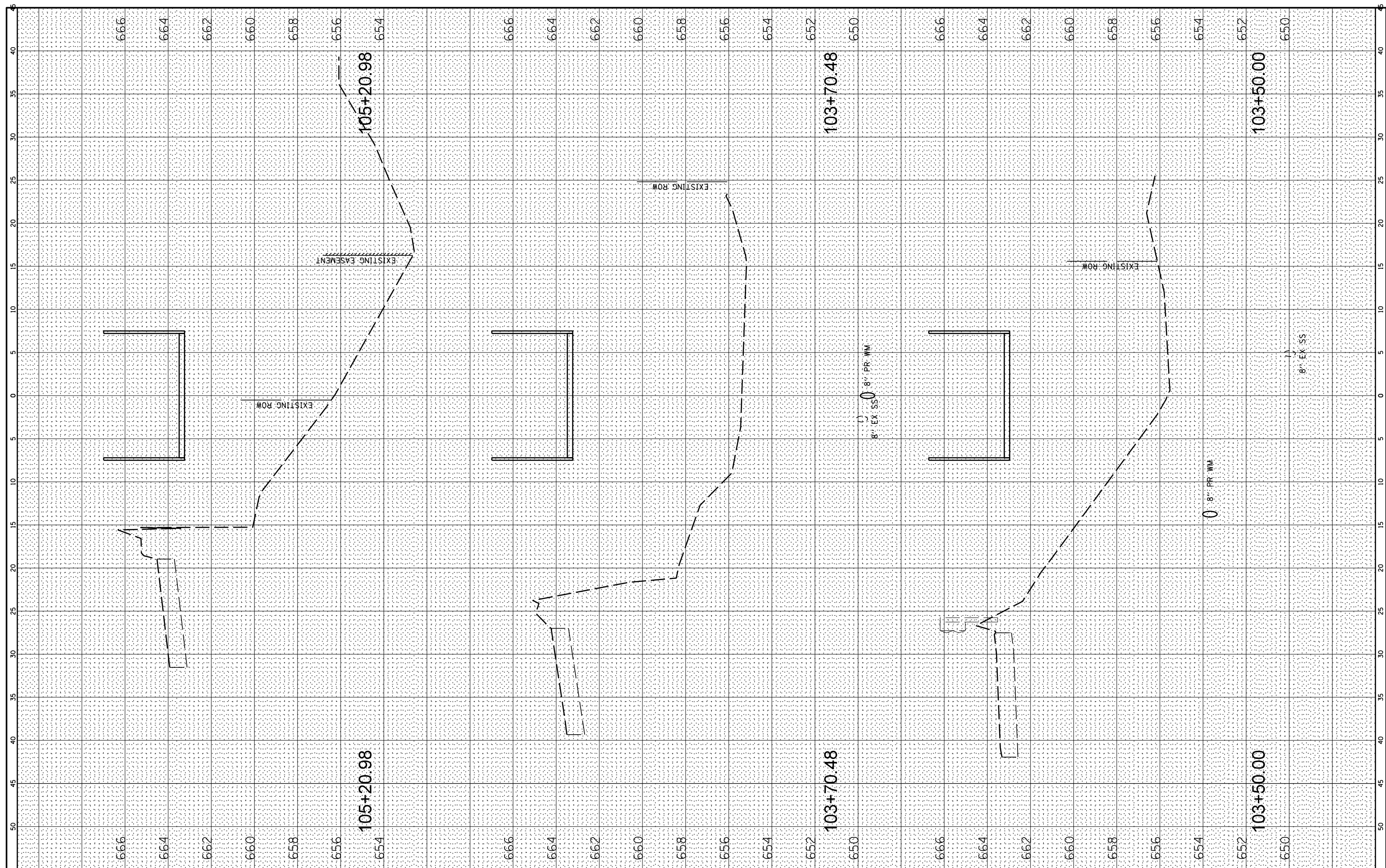
**HARGER ROAD PATH
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 102+00.00 TO STA. 103+22.00

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-0050-00-BT	DUPAGE	33	28
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = N:\OAKBROOK\160597.00024-PH2\Civil\XPS_160597B\24PH2_01.DGN
 USER NAME = mthomas
 PLOT SCALE = 18"
 PLOT DATE = 4/10/2020

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HARGER ROAD PATH
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 103+50.00 TO STA. 105+20.98

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1446	19-0050-00-BT	DUPAGE	33	29
CONTRACT NO. 61G55				
ILLINOIS FED. AID PROJECT				

