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782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
836001-04	LIGHT POLE FOUNDATION

GENERAL NOTES

THE REMOVAL OF BITUMINOUS SURFACING LESS THAN 6 INCH THICKNESS NOT ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION. THE REMOVAL OF BITUMINOUS SURFACING ON A RIGID TYPE BASE OR A THICKNESS OF 6 INCHES OR MORE ON A FLEXIBLE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL OF THE TYPE SPECIFIED.

THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES BID FOR TOPSOIL FURNISH AND PLACE, 4" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE CITY PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES. INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE BATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE COST OF THE SEEDING OR SODDING

GENERAL NOTES (CONT.)

ALL "AGGREGATE SUBGRADE IMPROVEMENT" (SECTION 301), SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES 311.04, 311.05, 311.05(A), 311.06 AND 311.07. ALL AGGREGATE SUBGRADE THICKNESSES EQUAL TO OR LESS THAN 12 INCHES SHALL BE CONSTRUCTED OF AGGREGATE OF CA02 GRADATION. ALL AGGREGATE SUBGRADE THICKNESSES GREATER THAN 12 INCHES SHALL BE CONSTRUCTED OF CS02.

PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

- ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
- ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE. 2 3.
- THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
- CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, 4 MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1

WHERE THE PROPOSED CONSTRUCTION MEETS AN EXISTING BITUMINOUS OR CONCRETE SURFACE, OR WHERE SAWING IS STATED ON THE PLANS, THE EXISTING SURFACE SHALL BE SAWED IN A NEAT, STRAIGHT LINE. COST OF SAWING IS TO BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

ALL PAVEMENT SHALL BE CLEANED AND "FRESH OIL" SIGNS SHALL BE PLACED AT ALL INTERSECTIONS OF THE STREETS PRIOR TO APPLYING BITUMINOUS MATERIALS (PRIME COAT).

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND SECTION OR SUBSECTION MONUMENTS ENCOUNTERED UNTIL AN OWNER, AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKERS AND SECTION OR SUBSECTION MONUMENTS, UNLESS REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

CURBS SHALL BE SAW CUT AT 12' TO 15' INTERVALS AND TO MATCH PAVEMENT JOINTS UNLESS OTHERWISE DIRECTED BY THE ENGINEER

ALL CONSTRUCTION MATERIALS WITHIN THE CITY ROW MUST BE IDOT CERTIFIED. DOCUMENTATION OF MATERIAL CERTIFICATION SHALL BE SUBMITTED PRIOR TO ENGINEER APPROVAL. ALL CONSTRUCTION MATERIAL NEEDING INSPECTION SHALL BE DONE ACCORDING TO THE LATEST IDOT PROJECT AND PROCEDURES GUIDE

TEMPORARY HMA RAMPS SHALL BE INSTALLED AS NEEDED ON MAINLINE AND SIDESTREETS. COSTS FOR THE RAMPS SHALL BE INCIDENTAL TO HMA SURFACE COURSE, IL-9.5, MIX "D", N70

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

COMED

NICOR GAS

1844 FERRY RD.

NAPERVILLE, IL 60563

CONTACT: CHIP PARROTT

ONE LINCOLN CENTRE

OAKBROOK TERRACE, IL 60181

EMAIL DYLAN GERRALD@COMED.COM

CONTACT: DYLAN GERRALD PH: (832) 978-1345

AT&T DISTRIBUTION CONTACT: HECTOR GARCIA PH: (630) 573-5465 EMAIL: HG2929@ATT.COM

CITY OF LOVES PARK (WATER DEPT) 5440 WALKER AVE. LOVES PARK, IL 61111 CONTACT: CRAIG MCDONALD PH: (815) 877-1421 EMAIL: CRAIGMCDONALD@LOVES-PARK.IL.US

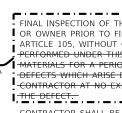
EMAIL: CPARROT@SOUTHERNCO.COM CITY OF LOVES PARK (STREET DEPT) 5440 WALKER AVE. ROCK RIVER WATER RECLAMATION LOVES PARK, IL 61111 3501 KISWAUKEE ST. CONTACT: SHANNON MESSINGER ROCKEORD IL 61109 PH: (815) 654-5040 CONTACT: CHRIS BAFR EMAIL: SHANNONMESSINGER@CITYOFIOVESPARK.COM

COMCAST 688 INDUSTRIAL DRIVE ELMHURST, IL 60126 CONTACT: MARTHA GIERAS PH: 224-229-5862 EMAIL: MARTHA GIERAS@COMCAST.COM

THE AREA TO BE PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTIVITY, BUT NO MORE THAN FIVE (5) DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY DEBRIS IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THIS DEBRIS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS

AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS AS PRESENTED IN THESE PLAN DOCUMENTS ARE SUBSTANTIALLY CORRECT, IF DISCREPANCIES ARE DETECTED THE CONTRACTORS SHALL NOTIFY THE ENGINEER AND OWNER AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION IN ORDER TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION. WORK PERFORMED OR MATERIALS AND EQUIPMENT INSTALLED WITHOUT INSPECTION MAY BE CONSIDERED UNACCEPTABLE AT THE DISCRETION OF THE ENGINEER AND MAY HAVE TO BE REPLACED AT NO COST TO THE ENGINEER OR OWNER



ALL DUST ON-SITE SHALL BE CONTROLLED BY THE USE OF WATER BASED PRODUCTS ONLY NO OILS OR PETROLEUM BASED AGENTS SHALL BE PERMITTED FOR DUST CONTROL

THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY. BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.

THE BARRIER UNIT AT EACH END SHALL BE ANCHORED AS SPECIFIED IN ARTICLE 704.04. ALL ANCHORING AND PINNING HOLES SHALL BE CORE DRILLED.

BENCHMAR
WHA 400
WHA 401
WHA 402
WHA 403

POINT #	ŝ
WHA 9	3 5(
WHA 10	3 5(
WHA 12	5(L
WHA 13	3 49

GENERAL NOTES (CONT.)

FINAL INSPECTION OF THE WORK PERFORMED UNDER THIS CONTRACT WILL BE DONE BY THE ENGINEER OR OWNER PRIOR TO FINAL ACCEPTANCE. DEFECTS SHALL BE CORRECTED BY THE CONTRACTOR, PER ARTICLE 105, WITHOUT COST TO THE OWNER PRIOR TO ISSUANCE OF THE FINAL PAYMENT. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED WITH REGARD TO WORKMANSHIP AND / η Materials for a period of one year after date of final payment to the contractor; DEFECTS WHICH ARISE DURING THE GUARANTEE PERIOD SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER WITHIN 30 DAYS OF RECEIVING NOTIFICATION O

I THE DEFECT. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURE DURING THE COURSE OF THE PROJECT.

AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL SWEEP OR CLEAN (NOT FLUSH) ANY CONSTRUCTION SOIL MATERIAL FROM THE STREET TO PREVENT TRACKING. THE ENGINEER SHALL HAVE AUTHORIZATION TO DETERMINE THE ADEQUACY OF CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER SHALL HAVE AUTHORITY TO SUSPEND OR LIMIT THE CONTRACTOR'S OPERATIONS PENDING ADEQUATE PERFORMANCE.

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUIRED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

THE FOLLOWING MIXTURE REQUITEMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION AND MIXTURE	ALPINE ROAD FULL DEPTH PAVEMENT				
USES(S):	SURFACE (2")	TOP LIFT BINDER (3")	LOWER BINDER LIFTS (MIN. 2 LIFTS)		
PG:	SBS PG 64-28	SBS PG 64-28	PG 64-22		
DESIGN AIR VOIDS	4.0 @ N70	4.0 @ N70	4.0 @ N70		
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 9.5		
FRICTION AGGREGATE	D	N/A	N/A		
20 YEAR ESAL	4.3	4.3	4.3		
MIX UNIT WEIGHT	112LBS/SY/IN	N/A	N/A		
QUALITY MANAGEMENT PROGRAM TO BE USED	QC/QA	QC/QA	QC/QA		
SUBLOT TONNAGE	N/A	N/A	N/A		
NUMBER OF ROLLER PASSES	N/A	N/A	N/A		

THE TEMPORARY CONCRETE BARRIER SHALL BE PINNED TO THE PAVEMENT WITH 3 ANCHOR PINS PER SECTION ON THE TRAFFIC SIDE OF THE BARRIER WALL AT THE FOLLOWING LOCATIONS: STAGE 1: RT 499+50 - 502+80 ; LT 499+50 - 502+40 ; LT 505+50 - 508+55 ; RT 505+89 - 508+55 STAGE 2: RT 499+50 - 502+73 ; LT 499+50 - 502+46 ; LT 505+57 - 508+55 ; RT 505+82 - 508+55

PROJECT CONTROL

	VERTICAL CONTROL							
١K	STATION	ELEVATION	DESCRIPTION					
-	58.19 LT 495+15.00	758.70	SW BOLT ON FH @ NW COR. OF ALPINE & RIVERSIDE					
	35.15 RT 503+17.14	774.56	CHIS. " \square " SE WINGWALL OF STR.					
	44.45'RT 507+98.58	768.16	CHIS. " \square " ON LP BASE E SIDE OF ALPINE 1ST LIGHT N OF STR.					
:	65.46 LT 511+96.44	754.62	NW BOLT ON FH					

	HORIZONTAL CONTROL							
STATION	NORTHING	EASTING	ELEVATION	DESCRIPTION				
33.29'LT 505+35.82	2061815.82	2604275.55	773.15	%" IPS				
33.52' RT 507+99.23	2062060.93	2604394.59	770.62	%" IPS				
501+32.21 LT 33.17	2061419.19	2604193.42	772.46	%" IPS				
37.80'LT 499+21.88	2061208.00	2604162.74	767.34	5/" IPS				

AL NOTES & CONTROL		SECTION		COUNTY		TOTAL SHEETS	SHEET NO.	
101-3068	412	16-0062	20-00-B	R	WINNEBAG	50	109	2
	WHA# 1017D17			CONTR	ACT	' NO. 8	35704	
SHEETS	ILLINOIS FED.		FED.	AID PROJECT	7K29	9(857)		

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE COD

PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY				
FAT CODE	NAME		QUANTITY				
20400800	FURNISHED EXCAVATION	CU YD	1,736				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	10,698				
25100630	EROSION CONTROL BLANKET	SQ YD	10,698				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200				
28000305	TEMPORARY DITCH CHECKS	FOOT	24				
28000400	PERIMETER EROSION BARRIER	FOOT	1,975				
28000500	INLET AND PIPE PROTECTION	EACH	9				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4,077				
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	346				
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,189				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	719				
-40607085	HOT-MIX ASPHALT DINDER COURSE, IL-19.0, N70	TON	1.969				
- <u>40604062</u> -	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	<u>350</u>				
40701941	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 13"	SQ YD	3,194				
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	40				

	PAY ITEM		TOTAL	
PAY CODE	NAME	UNIT	TOTAL QUANTITY	
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	349	
44000100	PAVEMENT REMOVAL	SQ YD	3,418	
		I		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,366	
44003100	MEDIAN REMOVAL	SQ FT	6,516	
50102400	CONCRETE REMOVAL	CU YD	639.5	
50104000	BRIDGE RAIL REMOVAL	FOOT	493	
50157300	0157300 PROTECTIVE SHIELD			
50200100	STRUCTURE EXCAVATION	CU YD	1,067	
50300225	CONCRETE STRUCTURES	CU YD	271.1	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	676.8	
50300260	BRIDGE DECK GROOVING	SQ YD	2,036	
50300300	PROTECTIVE COAT	SQ YD	2,558	
			100.2	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)		190.2	
50500305	ERECTING STRUCTURAL STEEL	L SUM	1	

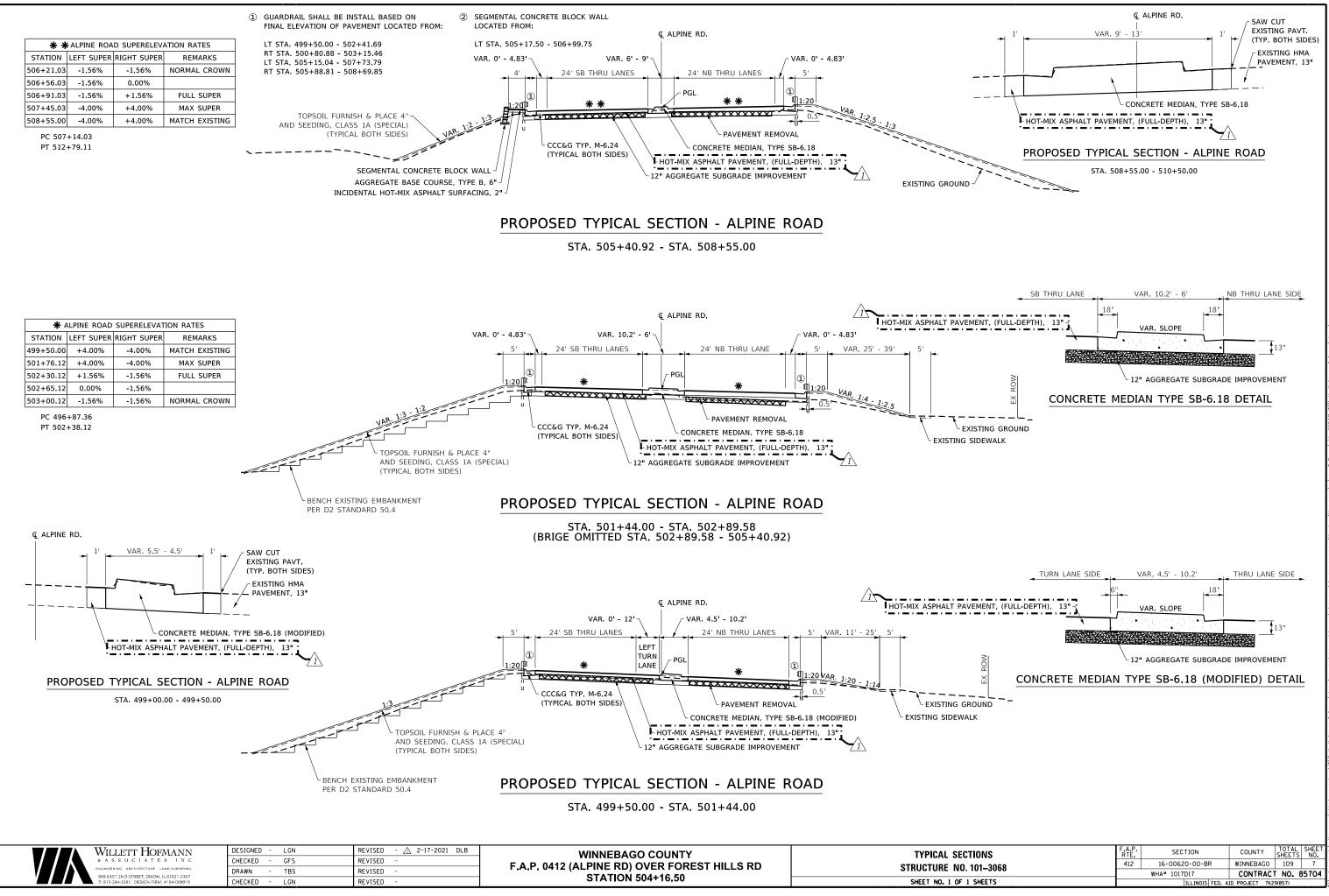
▲ INDICATES SPECIALITY ITEM

* INDICATES SPECIAL PROVISION

* INFICATES SAECIAL AROULSION

WILLETT HOFMANN	DESIGNED - TBS	REVISED - 🛆 2-17-2021 DLB	WINNEBAGO COUNTY	SUMMARY OF QUAN
& ASSOCIATES INC	CHECKED - LGN	REVISED -	F.A.P. 0412 (ALPINE RD) OVER FOREST HILLS RD	STRUCTURE NO. 101
ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DIXON, 1L 61021-0367	DRAWN - GBG	REVISED -	STATION 504+16.50	STRUCTURE NO. 101
T: 815-254-3381 DESIGN FIRM: #184-060918	CHECKED - LGN	REVISED -	51ATION 504+10.50	SHEET NO. 1 OF 4 SHE

TITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	ent i
-3068	412	16-00620-00-BR	WINNEBAGO	109	3	E n D
-3008		WHA= 1017D17	CONTRAC	NO.	35704	op s
ETS	ILLINOIS FED. AID PROJECT 7K29(857)					Ē



EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION 20200100 (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25%	EMBANKMENT	EARTH BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) 20400800 (CU YD)
ALPINE ROAD	813	610	2,346	-1,736
TOTALS	813	610	2,346	-1,736

TOPSOIL FURNISH AND PLACE, 4"					
STATION	SQ YD	REMARKS			
F.A.U. 412 (ALPINE ROAD)					
LT 499+50 - 503+25	2,563				
RT 499+50 - 504+60	1,659				
LT 503+66 - 508+55	1,583				
RT 505+08 - 5089+00	4,893				
PROJECT TOTAL 10,698					

TEMPORARY EROSION CONTROL SEEDING					
STATION	STATION POUND REMARKS				
F.A.U. 412 (ALPINE ROAD)					
ENTIRE PROJECT	200	100 LBS. / ACRE			
PROJECT TOTAL	200				
28000250					

EROSION CONTROL BLANKET						
STATION SQ YD REMARKS						
F.A.U. 412 (ALPINE ROAD)						
LT 499+50 - 503+25	2,563					
RT 499+50 - 504+60	1,659					
LT 503+66 - 508+55	1,583					
RT 505+08 - 5089+00	4,893					
PROJECT TOTAL 10,698						
25100630						

TEMPORARY DITCH CHECKS					
STATION FOOT REMARKS					
F.A.U. 412 (ALPINE ROAD)					
LT 505+00	6				
LT 506+00	6				
LT 507+00	6				
LT 508+00 6					
PROJECT TOTAL 24					
28000305					

SCHEDULE OF QUANTITIES

F.A.U. 412

28000400

PERIMET	ER EROSION	BARRIER	
STATION	FOOT	REMARKS	
J. 412 (ALPINE ROAD)			 F.A.U. 412
LT 499+50 - 502+94	367		LT
RT 499+50 - 504+60	507		RT
LT 503+66 - 508+55	485		LT
RT 505+08 - 506+95	247		RT
RT 507+04 - 509+00	369		
PROJECT TOTAL	1,975		40600275
00400	1		

STATION	EACH	REMARKS
12 (ALPINE ROAD)		
LT 498+54	1	
LT 498+64	1	
LT 501+49	1	
RT 501+50	1	
RT 506+69	1	
RT 506+75	1	
LT 506+76	1	
LT 508+40	1	
RT 508+40	1	
PROJECT TOTAL	9	

AGGREGATE SUBGRADE IMPROVEMENT 12"				
STATION	SQ YD	REMARKS		
F.A.U. 412 (ALPINE ROAD)				
LT & RT 499+50 - 502+55	2,215			
LT & RT 505+76 - 508+55	1,862			
PROJECT TOTAL	4,077			
30300112*				

AGGREGATE BASE COURSE, TYPE B 6"					
STATION SQ YD REMARKS					
F.A.U. 412 (ALPINE ROAD)					
RT 499+00 - 499+50	44	CONC. MEDIAN, TYPE SB-6.18 (MODIFIED)			
LT + RT 508+55 - 510+50	302	CONCRETE MEDIAN, TYPE SB-6.18			
PROJECT TOTAL 346					
35101800	35101800				

WILLETT HOFMANN	DESIGNED - TBS	REVISED - 🛆
& A S S O C I A T E S I N C	CHECKED - LGN	REVISED -
ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DIXON, IL 61021-0367	DRAWN - GFS	REVISED -
T: 815-284-3381 DESIGN FIRM: #184-000918	CHECKED - LGN	REVISED -

TBS	REVISED - 🛆 2-17-2021 DLB	WINNEBAGO COUNTY	SCHEDULE OF QUANTITIES	F.A.P. SECTION	COUNTY TOTAL SHEE	ET F
LGN	REVISED -	F.A.P. 0412 (ALPINE RD) OVER FOREST HILLS RD		412 16-00620-00-BR	WINNEBAGO 109 8	
GFS	REVISED -		STRUCTURE NO. 101-3068	WHA# 1017D17	CONTRACT NO. 8570	A S
LGN	REVISED -	STATION 504+16.50	SHEET NO. 1 OF 4 SHEETS	ILLINOIS FED.	AID PROJECT 7K29(857)	Th s

BITUMINOUS MATERIALS (PRIME COAT)				
STATION POUND REMARKS				
F.A.U. 412 (ALPINE ROAD)				
LT 499+50 - 502+13	2,053	0.25 LB/SF 1 APP ON AGG		
RT 499+50 - 502+55	1,888	0.25 LB/SF 1 APP ON AGG		
LT 505+76 - 508+55	1,726	0.25 LB/SF 1 APP ON AGG		
RT 506+18 - 508+55	1,522	0.25 LB/SF 1 APP ON AGG		
PROJECT TOTAL 7,189				
40600275				

BITUMINOUS MATERIALS (TACK COAT)			
STATION POUND REMARKS			
F.A.U. 412 (ALPINE ROAD)			
LT 499+50 - 502+13	205	0.025 LB/SF 1 APP ON BIT	
RT 499+50 - 502+55	189	0.025 LB/SF 1 APP ON BIT	
LT 505+76 - 508+55	173	0.025 LB/SF 1 APP ON BIT	
RT 506+18 - 508+55	152	0.025 LB/SF 1 APP ON BIT	
PROJECT TOTAL	719		
40600290			

HOT-MIX ASPHALT PAVEMENT,

40701941

40600290

 $\Delta 1$

(FULL-DEPTH), 13"

STATION	SQ YD	REMARKS
F.A.U. 412 (ALPINE ROAD)		
LT 499+50 - 502+13	912	13 INCH
RT 499+50 - 502+55	839	13 INCH
LT 505+76 - 508+55	767	13 INCH
RT 506+18 - 508+55	676	13 INCH
PROJECT TOTAL	3,194	
40701941		

....

INCIDENTAL HOT-MIX ASPHALT SURFACING			
STATION	TON	REMARKS	
F.A.U. 412 (ALPINE ROAD)			
LT 499+00 - 499+50	8	13 INCH	
LT 508+55 - 510+50	16	13 INCH	
RT 508+55 - 510+50	16	13 INCH	
PROJECT TOTAL	40		
40800050			

PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB				
STATION	SQ YD	REMARKS		
F.A.U. 412 (ALPINE ROAD)				
LT 502+13 - 502+58	92			
RT 502+55 - 502+96	82			
LT 505+34 - 505+76	83			
RT 505+73 - 506+18	92			
PROJECT TOTAL 349				
42000070				

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PAVEMENT REMOVAL		
STATION	SQ YD	REMARKS
A.U. 412 (ALPINE ROAD)		
LT 499+50 - 502+67	977	
RT 499+50 - 503+00	885	
LT 505+30 - 508+55	821	
RT 505+64 - 508+55	735	
PROJECT TOTAL	3,418	

COMBINATION CURB AND GUTTER REMOVAL				
STATION	FOOT	REMARKS		
F.A.U. 412 (ALPINE ROAD)				
LT 499+50 - 502+58	308			
RT 499+50 - 503+24	374			
LT 505+07 - 508+55	348			
RT 505+73 - 508+55	282			
RT 506+47 - 506+90	54	FOREST HILLS ROAD		
PROJECT TOTAL 1,366				
44000500				

SCHEDULE OF QUANTITIES

MEDIAN REMOVAL		
STATION	SQ FT	REMARKS
F.A.U. 412 (ALPINE ROAD)		
499+00 - 502+71	2,309	
505+59 - 510+50	4,207	
PROJECT TOTAL	6,516	
44003100		

CONCRETE COLLAR			
STATION	CU YD	REMARKS	
F.A.U. 412 (ALPINE ROAD)			
LT 501+49	0.43		
RT 506+75	0.43		
PROJECT TOTAL	0.86		
54248510			

STORM SEWERS, CLASS A, TYPE 1 12"			
STATION	FOOT	REMARKS	
F.A.U. 412 (ALPINE ROAD)			
LT 501+49	6		
RT 506+75	6		
PROJECT TOTAL	12		
550A0050			

INLETS TO BE ADJUSTED			
STATION	EACH	REMARKS	
F.A.U. 412 (ALPINE ROAD)			
30' LT 508+40	1		
2' RT 508+40	1		
PROJECT TOTAL	2		
60260100			

TYPE M-6.18		
STATION	FOOT	REMARKS
A.U. 412 (ALPINE ROAD)		
LT 499+50 - 500+73	54	FOREST HILLS ROAD
PROJECT TOTAL	54	

	СО	MBI
		STA
F.A.U.	412	(ALPIN
	LT	499+5
	RT	499+5
	LT	500+7
	RT	501+4
	LT	501+9
	RT	504+7
	LT	505+3
	RT	506+0
	LT	505+6
	RT	506+3
	LT	506+8
	RT	507+5

PROJEC

60610400

CONCRETE MEDIAN, TYPE SB-6.18					
STATION	SQ FT	REMARKS			
A.U. 412 (ALPINE ROAD)					
LT & RT 501+44 - 502+61	922				
LT & RT 505+69 - 510+50	4,091				
PROJECT TOTAL	5,013				
0619910					

F.A.U.	2	112	2 (A	LF
LT	Г	&	RT	5
LT	Γ	&	RΤ	5

		_

STATION	FOOT	REMARKS
A.U. 412 (ALPINE ROAD)		
LT 499+50 - 502+00	250	
RT 501+31 - 502+70	137.5	
LT 505+58 - 507+23	162.5	
RT 506+31 - 508+20	187.5	
PROJECT TOTAL	737.5	
3000001		

TRAFFIC BARRIER TERMINAL, TYPE 6				
STATION	EACH	REMARKS		
F.A.U. 412 (ALPINE ROAD)				
LT 502+00 - 502+40	1			
RT 502+70 - 503+10	1			
LT 504+18 - 505+58	1			
RT 505+91 - 506+31	1			
PROJECT TOTAL	4			
63000001	1			



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	Willett Hofmann	DESIGNED - TE	BS	REVISED	- 🛆 2-12-2021 LGN	
	& A S S O C I A T E S I N C	CHECKED - LG	GN	REVISED	-	
Λ	ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DIXON, IL 61021-0367	DRAWN - GF	-s	REVISED	-	F.A
	T: 815-284-3381 DESIGN FIRM: #184-000918	CHECKED - LG	GN	REVISED	-]

2-12-2021 LGN WINNEBAGO COUNTY	SCHEDULE OF QUA
F.A.P. 0412 (ALPINE RD) OVER FOREST HILLS RD	STRUCTURE NO. 1
STATION 504+16.50	SHEET NO. 2 OF 4 S

COMBINATION CONCRETE CURB AND GUTTER,

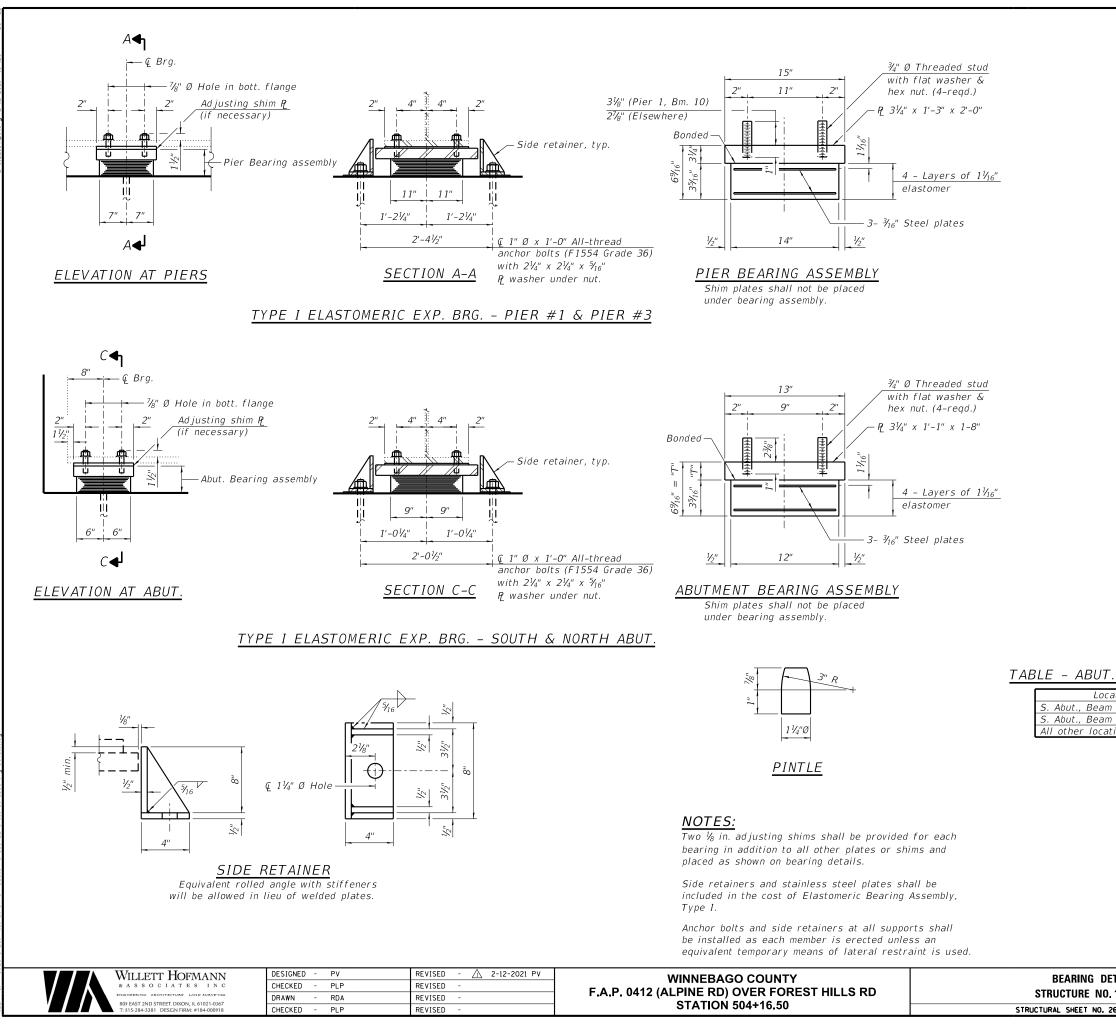
TYPE M-6.24

FOOT	REMARKS
125	
191	
125	
125	
27	
29	
29	
27	
125	
125	
168	
97	
1,193	
	125 191 125 125 27 29 27 125 125 125 127 29 29 27 125 125 125 125 125 125 125 125 168 97

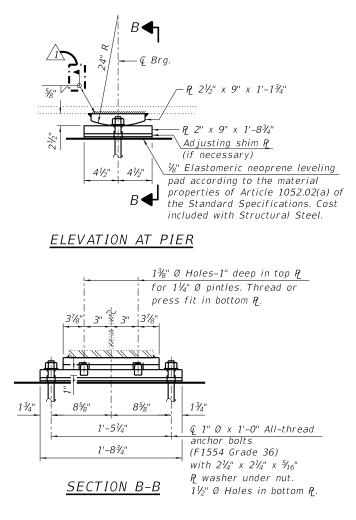
STEEL PLATE BEAM GUARDRAIL,

TYPE A, 6 FOOT POSTS

					5
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	ent
412	16-00620-00-BR	WINNEBAGO	109	9	C u m
	WHA# 1017D17	CONTRACT	F NO. 8	35704	°p "
	ILLINOIS FED. A	ID PROJECT 7K2	9(857)		Ē
	RTE.	RTE. SECTION 412 16-00620-00-BR WHA# 1017D17	RTE. SECTION COUNT 412 16-00620-00-BR WINNEBAGO WHA# 1017D17 CONTRACT	RTE. SECTION COUNTY SHEETS 412 16-00620-00-BR WINNEBAGO 109 WHA* 1017D17 CONTRACT NO. 8	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 412 16-00620-00-BR WINNEBAGO 109 9 WHA* 1017D17 CONTRACT NO. 85704



CHNDESIGNNCAD_SHEETSN1017D17_Bearing Detail:



FIXED BEARING - PIER #2

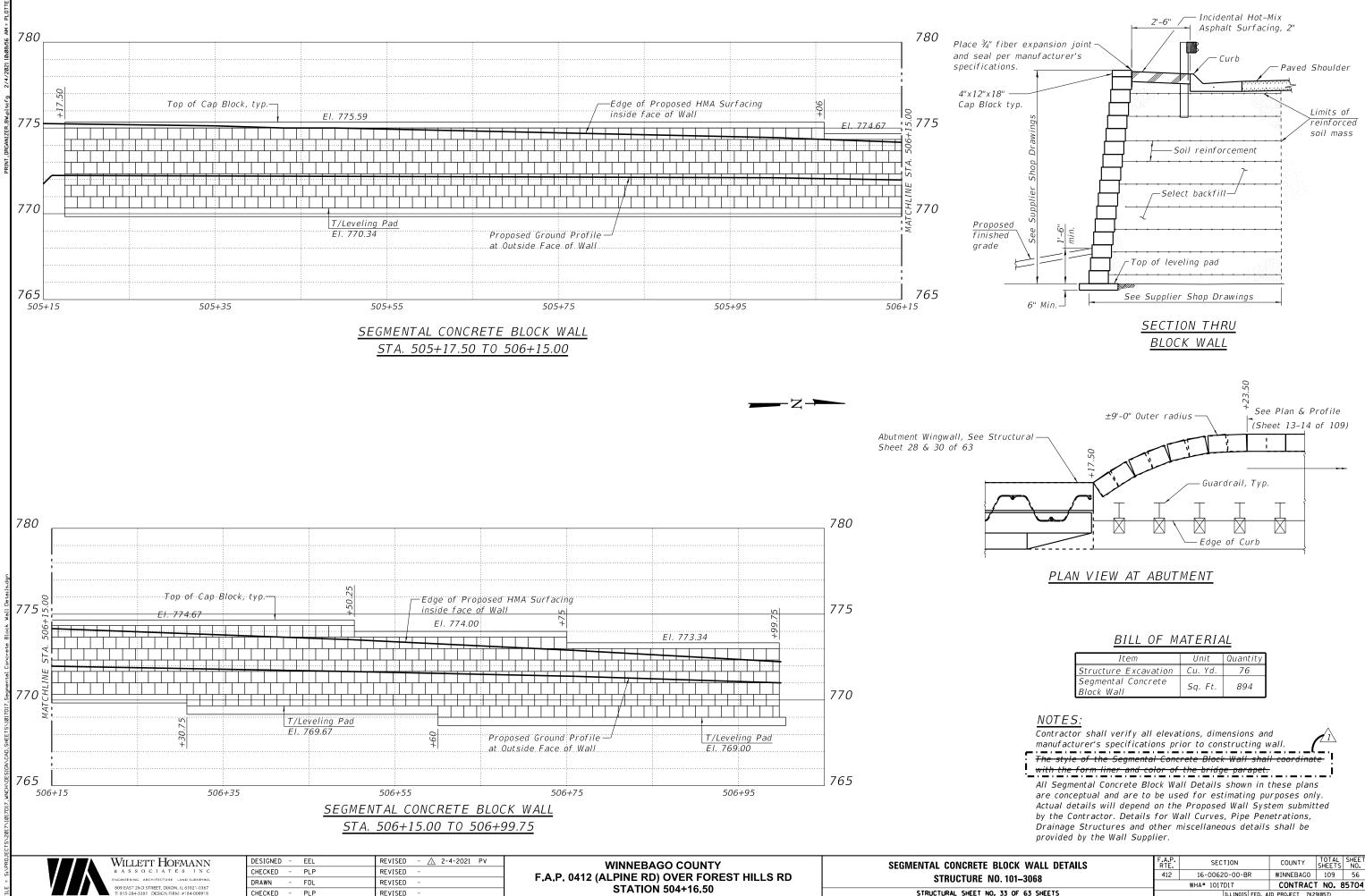
TABLE - ABUT. TOP PLATE THICKNESS

Location	Thickness "T" (in.)
Beam 5 & 8	31/2"
Beam 7	37/8"
locations	31/4"

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	2,004
Elastomeric Bearing Assembly Type I	Each	40
Anchor Bolts, 1"	Each	100

ETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
. 101–3068	412	16-00620-00-BR	WINNEBAGO	109	49
		WHA# 1017D17	CONTRAC	NO. 8	35704
26 OF 63 SHEETS		ILLINOIS FED. A	D PROJECT 7K2	9(857)	



STRUCTURAL SHEET NO. 33

Item	Unit	Quantity
Structure Excavation	Cu. Yd.	76
Segmental Concrete Block Wall	Sq. Ft.	894

NOTES:

DCK WALL DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
101–3068	412	16-00620-00-BR	WINNEBAGO	109	56	
	WHA# 1017D17		CONTRACT NO. 85704			
3 OF 63 SHEETS	ILLINOIS FED. AID PROJECT 7K29(857)					