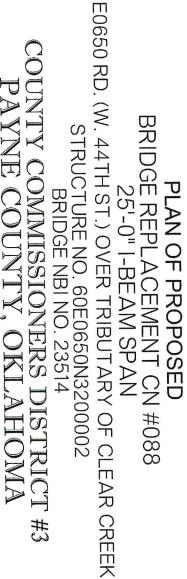
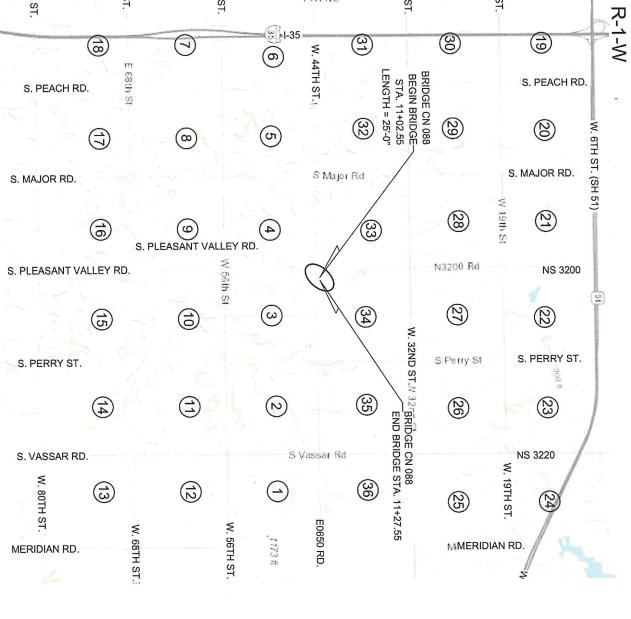
#### LEVEL DATUM IS ASSUMED BEARINGS AND COORDINATES ARE ASSUMED UTILITY STATEMENT. THE UNDERGROUND UTIL FROM FIELD SURVEY INF THE SURVEYOR MAKES IN UNDERGROUND UTILITIES UTILITIES IN THE AREA. CONVENTIONAL SYMBOLS LAYOUT MAP 1'' = 2,640'PROFILE HOR. 1" = 10" HORIZONTAL CONTROL A. HORIZONTAL CONTROL FOR THIS SURVEY IS THE ESTABLISHED SECTION CORNERS ALONG THE CONSTRUCTION REFERENCE LINE & SECTION LINE. VERTICAL CONTROL SCALES LEVEL DATUM IS MEAN SEA LEVEL (U.S.C. & G.S.) RAILROADS EXISTING ROADS BASE LINE GRADE LINES QUARTER SECTION LINES FENCES 1" = 10" 1'' = 10'MER LINES SURVEY DATA T-19-N T-18-N ш W. 19TH ST. W. 56TH ST. W. 80TH ST. . 68TH LOGAN ■ N. POST RD. PAYNE R-1-W 6 (3) <u>3</u> (a) (3) W. 44TH ST. E 68th-SI BRIDGE CN 088 BEGIN BRIDGE— STA. 11+02.55 LENGTH = 25'-0" S. PEACH RD. S. PEACH RD. 29 (32) W. 6TH ST. (SH 51) (1) (8) (5) S. MAJOR RD. S Major Rd S. MAJOR RD. W 19th St (28) 4 (d)

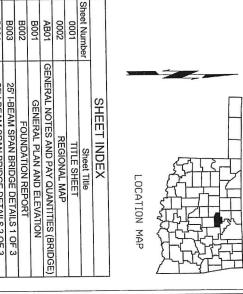


20192472-088 PROJ. NO.

SHEET NO.

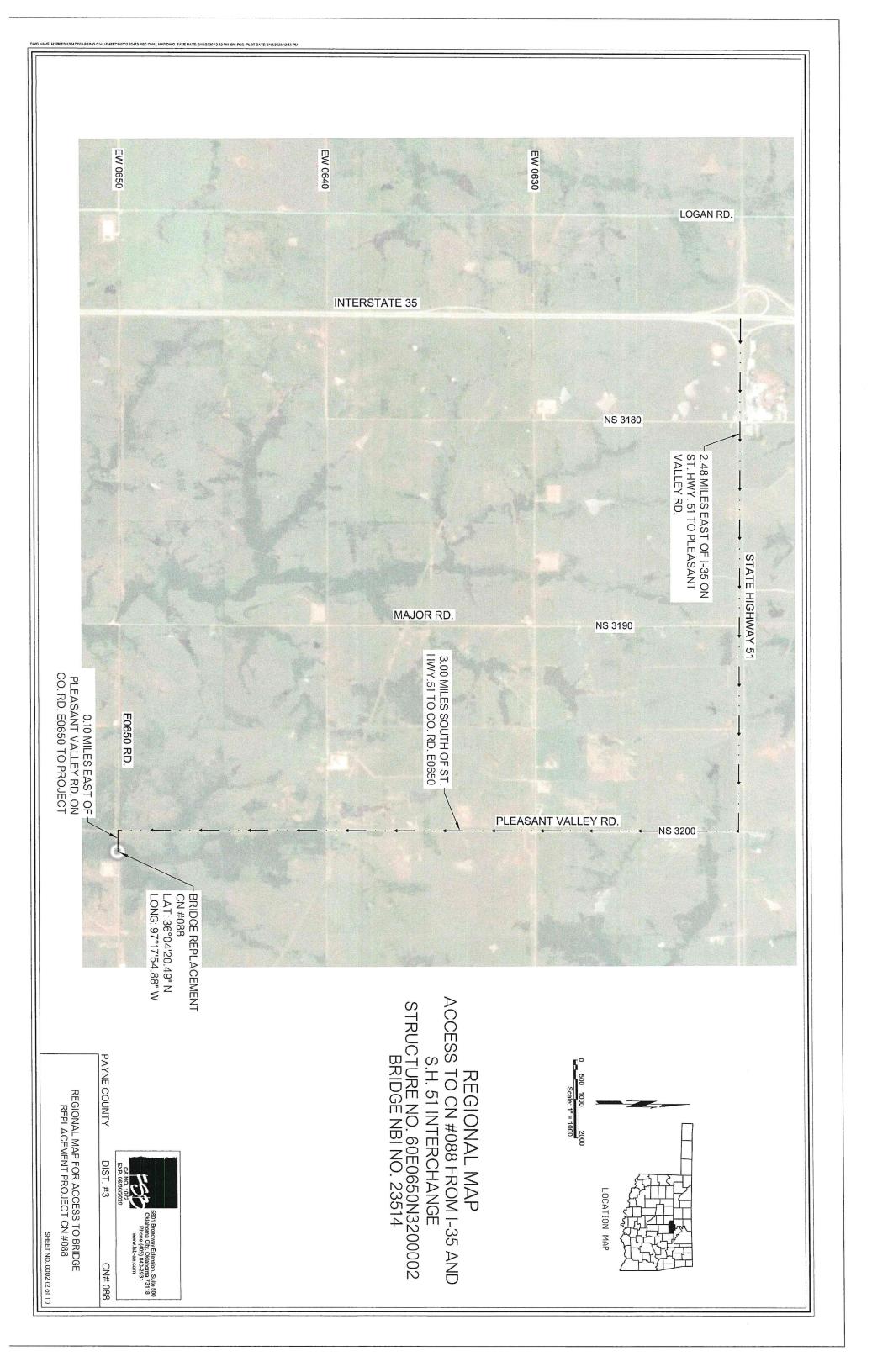
SHEETS





JEFFREY  ONLAND  ONLAN		0 0
ENGINEER ENGINEER DATE	AB01 Gi B001 B002 B002 B003 B004 B0004 B0005 B0004 R0001 R0002	0001
S801 Broadway Extension, Suite 500 Oldahoma CN, Oklahoma 373118 OANO, 1072 EXP. 063002020  APPROVED THIS DAY OF COUNTY COMMISSIONERS CHAIRMAN  MEMBER  ATTEST COUNTY CLERK	GENERAL NOTES AND PAY QUANTITIES (BRIDGE) GENERAL PLAN AND ELEVATION FOUNDATION REPORT 25' I-BEAM SPAN BRIDGE DETAILS 1 OF 3 25' I-BEAM SPAN BRIDGE DETAILS 2 OF 3 25' I-BEAM SPAN BRIDGE DETAILS 3 OF 3 SECTION 404 PERMIT COMPLIANCE STORM WATER MANAGEMENT PLAN EROSION CONTROL PLAN	TITLE SHEET REGIONAL MAP

PROFESSION



#### GENERAL NOTES

#### SPECIFICATIONS:

COMPLY WITH THE REQUIREMENTS OF THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

#### DESCRIPTION OF WORK:

THE WORK TO BE PERFORMED UNDER THIS CONTRACT CONSISTS OF THE REPLACEMENT OF A SINGLE SPAN BRIDGE LOCATED ON W. 44TH ST. (E0630 RD.) OVER A TRIBUTARY OF CLEAR CREEK IN PAYNE COUNTY, OKLAHOMA. THE APPROACH AND ROADWAY WILL BE THE RESPONSIBILITY OF THE COUNTY AND WILL REQUIRE THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE COUNTY MUNICIPALITIES ON THE SCOPE AND/OR EXTENT OF WHAT WILL BE PROVIDED AND AT WHAT POINT OF TIME IN THE PROJECT.

BRIDGE, APPROACH AND ROADWAY WILL BE WIDENED FROM ±20' TO A 28' ROADWAY CLEARANCE. THE WIDENING WILL BE ACCOMPLISHED BY REMOVING AND REPLACING EXISTING DECK, REPLACING THE EXISTING ABUTMENTS WITH NEW ABUTMENTS, AND REPLACING EXISTING BEAMS WITH NEW STEEL BEAMS. THE CENTERLINE OF PROPOSED BRIDGE WILL BE LOCATED ON THE SECTION LINE, BEARING N89°38'07.77'E AS PER THE SURVEY.

## VERIFICATION OF EXISTING CONDITIONS:

ALL DIMENSIONS OF THE EXISTING COMPONENTS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DATA NECESSARY TO CONNECT THE NEW MATERIAL AND SHALL BE COLELY RESPONSIBLE FOR THE ACCURACY THEREOF. BIDDERS SHALL FULLY INFORM THEMSELVES OF THE NATURE OF THE WORK AND CONDITIONS UNDER WHICH IT BUBERS SHALL FULLY INFORM THE CONTRACTOR SHALL NATURE OF THE WORK AND CONDITIONS UNDER WHICH IT WILL BE PERFORMED. THE CONTRACTOR SHALL ADOPT METHODS CONSISTENT WITH GOOD CONSTRUCTION PRACTICE AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE WORK AREA OR SURROUNDING AREA. ANY DAMAGE TO THE MORK AREA OR SURROUNDING AREA. ANY DAMAGE TO THE AREA DUE TO THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE RESIDENT ENGINEER.

CONTRACTOR SHALL BE AWARE OF EXISTING CONDITIONS AND POTENTIAL HAZARDS DURING CONSTRUCTION. CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN THE INTEGRITY OF ANY EXISTING CONSTRUCTION. CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN THE INTEGRITY OF ANY EXISTING UTILITIES AND STRUCTURES. ANY DAMAGE TO THESE ITEMS DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE RESIDENT ENGINEER.

# HORIZONTAL GEOMETRY & VERTICAL CURVE DATA:

THE INFORMATION SHOWN ON THE "GENERAL PLAN AND ELEVATION" (SHEET BOO!) DRAWINGS REGARDING HORIZONTAL GEOMETRY AND VERTICAL PROFILE WERE TAKEN FROM FROM SURVEYING. THIS INFORMATION IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING HORIZONTAL AND VERTICAL GEOMETRY. THE RECONSTRUCTION OF THE BRIDGE DECKS IS INTENDED TO CONSTRUCT NEW BRIDGE STRUCTURE ABOVE BOTTOM OF EXISTING BRIDGE BEAM (LOW CHORD) ELEVATION AND TRANSITION THE APPROACHING ROADWAY TO MEET THE NEW DECK ELEVATION.

## CONCRETE DECK FINISHING:

BRIDGE DECKS FOR THIS PROJECT ARE TO BE FINISHED WITH A MECHANICAL TYPE FINISHING MACHINE. OVER-HANGING SLAB FORMS WILL BE REQUIRED TO BE OF SUFFICIENT STRENGTH TO SUPPORT THE WEIGHT OF THE CONCRETE, FORMS, FINISHING MACHINE AND OTHER CONSTRUCTION LOADS. PRIOR TO FINISHING OPERATIONS, A PROPOSAL STIPUL ATTING THE TYPE OF FINISHING MACHINE AND THE FINISHING PROCEDURE WILL BE SUBMITTED TO THE RESIDENT ENGINEER, THIS PROPOSAL SHALL SET FORTH ANY AREAS IN WHICH A MECHANICAL FINISHER CANNOT BE USED AND THE METHODS FOR FINISHING THESE AREAS CONCRETE SHALL NOT BE PLACED UNTIL THIS PROPOSAL IS APPROVED BY THE RESIDENT

## PAY ITEM NOTES

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REMOVAL OF BRIDGE ITEMS:

THE PAY ITEM "REMOVAL OF BRIDGE ITEMS" SHALL INCLUDE THE REMOVAL AND DISPOSAL OF ALL ITEMS TO BE REMOVED FROM THE EXISTING BRIDGE AS SPECIFIED OR SHOWN IN THE PLANS INCLUDING THE FOLLOWING:

## 1. WOODED DECK WITH GUARDRAILS. 2. BEAMS AND DIAPHRAGMS. 3. SHEET PILES. 4. DRIVEN PILES.

THE EXISTING STRUCTURE MATERIAL, FROM ITEMS LISTED ABOVE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, EXCEPT FOR STEEL BEAMS AND PORTIONS OF DRIVEN PILES WHICH WILL BECOME PROPERTY OF THE COUNTY. DRIVE PILES SHALL BE CUT AT GROUND LINE ELEVATION.

ALL COSTS NECESSARY TO COMPLETE THE WORK AS SPECIFIED OR AS SHOWN IN THE PLANS INCLUDING THE COST OF CUTTING, DEMOLITION, AND CLEANING, CONTAINMENT AND REMOVAL OF DEBRIS, MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS SHALL BE INCLUDED IN THE PRICE BID PER LUMP SUM OF "REMOVAL OF BRIDGE ITEMS".

## 2

EROSION CONTROL MAINTENANCE:
PRICE BID SHALL INCLUDE PLAN QUANTITIES OF SILT FENCE AND SILT DIKES AND ALL MAINTENANCE INCLUDING CUT
AND DISPOSAL OF SILT WHEN 50% FULL AND/OR IN CONFORMANCE OF THE SWMP AND/OR SWPPP. SEE SHEET R001

# (3)

SURVEYING AND CONSTRUCTION STAKING:

THE CONTRACTOR WILL BE REQUIRED TO CONDUCT ALL SURVEYING AND CONSTRUCTION STAKING NECESSARY
FOR THE COMPLETION OF THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THE SURVEYING AND
CONSTRUCTION STAKING REQUIRED FOR COMPLETION OF THE PROJECT MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

- ESTABLISHING HORIZONTAL CONTROL INCLUDING THE STAKING OF CENTERLINE BRIDGE AND APPROACH ROADWAY AND ASSIGNING STATIONING AS DIRECTED BY THE RESIDENT HIGHER. ESTABLISHING VERTICAL CONTROL INCLUDING THE SETTING OF BENCHMARKS. MEASURING THE ELEVATIONS ALONG THE EXISTING BRIDGE DECK SLAB AT CENTERLINE AND OF
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- iu b DRIVING LANES AND EDGES OF SHOULDERS.

  MEASURING THE ELEVATIONS ALONG THE EXISTING APPROACH ROADWAY AT CENTERLINE,

  EDGES OF DRIVING LANES AND EDGES OF SHOULDERS.

  MEASURING THE EXISTING TOP OF BEAM ELEVATION FOR DETERMINING DECK SLAB HAUNCH AND FORMING

  DATA.

  MEASURING AND SETTING CONSTRUCTION STAKES AS NECESSARY FOR CONDUCTING THE

  GRADING AND SURFACING WORK ON THE APPROACH ROADWAY.

ALL COST OF SURVEYING AND CONSTRUCTION STAKING NECESSARY FOR COMPLETION OF THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER, INCLUDING THE COST OF MATERIAL, LABOR, EQUIPMENT AND INCIDENTALS SHALL BE INCLUDED IN THE PRICE BID PER LUMP SUM OF "CONSTRUCTION STAKING LEVEL!".

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AIR RELIEF VENTS FOR CONCRETE DECK SLAB:
VENT OPENINGS SHALL BE CONSTRUCTED WITH SCH 40 PVC PIPE AND CAST INTO CONCRETE SLAB AT THE SPACING
AND LOCATION SHOWN ON SHEET B003. DRILLING THE CONCRETE SLAB IS PROHIBITED. ALL COST OF MATERIAL,
LABOR, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN IN THE PLANS SHALL BE
INCLUDED ON PAY ITEM "CLASS AA CONCRETE".

8R-1:
PAYMENT FOR THIS ITEM WILL BE BASED ON THE PLAN QUANTITIES ONLY.

# BR-2: STRUCTURAL STEEL CONSISTING OF W24x68 ROADWAY BEAMS ONLY.

BR-3:
STEEL SHEET PILING SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM A857 FROM MATERIAL CONFORMING TO ASTM A570 GRADE 36.
THE MATERIAL SHALL BE HOT DIP GALVANIZED PER ASTM A123 AT A RATE OF 2 OZ. PER SQUARE FOOT ON SURFACE AREA, ON BOTH SIDES.
PRE-GALVANIZED MATERIAL SHALL CONFORM TO ASTM A446 GRADE A AND BE GALVANIZED PER ASTM A525 WITH A CLASS 6210 COATING.
STEEL SHEET PILING SHALL BE 10 GA., 0.1345 INCHES THICK, WEIGHING 12.5 LBS. PER LINEAR FOOT OF PILE OR 76 LBS. PER SQUARE FEET OF WALL, SHALL HAVE SECTION MODULE OF 3.60 INCHES CUBED PER SECTION AND MOMENT OF INERTIA OF 6.0 IN4

# BR-4: ELEVATIONS PROVIDED ON THESE DOCUMENTS ARE FROM ARE FROM THE SURVEY. CONTRACTOR SHALL FIELD VERIFY. LENGTH OF PILES ARE BASED ON SURVEY AND AVERAGE A LENGTH OF 41' AT THE WEST ABUTMENT AND 16' AT THE EAST ABUTMENT.

 $\overline{ ext{BR-}5_1}$  CONTRACTOR SHALL PROVIDE STRUCTURAL STEEL FOR HP 10X42 CONFORMING TO AASHTO M270, GRADE 50W

MAE: HUPRUQO18247203-BIMAOS-CIVILISHEETSAB01-82472-GENERAL NOTES AND PAY QUANTITIES BRIDGE DWG. SAVE DATE: 2/26/2020 8.44 AM. BY. PSG. PLOT DATE: 2/28/2020 8.45 AM

PRICE TO INCLUDE ALL HARDWARE NECESSARY FOR THE COMPLETE INSTALLATION OF THE GUARDRAIL (RE: SHEET B003), INCLUDING TURNED ENDS, AS WELL AS, THE MOUNTING OF OM-3 TYPE 3 OBJECT MARKERS [(2) OM3-L AND (2) OM3-R] SIMILAR TO DETAIL 1, SHEET B005

ITEM NO.	TTEM NO. DESCRIPTION	CADWAT	TIN	QUANT.
-	STRUCTURAL STEEL	(BR-1)(BR-2)	E	11900.00
2	CLASS AA CONCRETE	(4)(BR-1)	Q	28.00
ω	REINFORCING STEEL	(BR-1)	Е	3660.00
4	L5x3x1/4x6" SHEAR ANGLES @ 12" O.C.	(BR-1)	8	403.00
5	C8x11.5 (SHEET PILING HORIZ. REINFORCEMENT)	(BR-1)	8	7000.00
6	C12x20.7 HEADER	(BR-1)	В	1242.00
7	W-BEAM (GUARDRAIL TYPE A)	(BR-1)	뚜	100.00
8	GUARD RAIL POST W6x20	(BR-6)	В	1960.00
9	22 GA GALVANIZED DECK	(BR-1)	SF	750.00
10	L3x3x1/4 ANGLE (DIAPHRAGM)	(BR-1)	В	1365.00
11	L5x3x1/4 ANGLE (SHEET PILES)	(BR-1)	ЕВ	112
12				770.00
13	PILES FURNISHED (HP10x42)	(BR-4)(BR-5)	Б	30786.00
	PILES FURNISHED (HP10x42) PILES DRIVEN (HP10x42)	(BR-4)(BR-5) (BR-4)(BR-5)	e e	30786.00 30786.00
14	PILES FURNISHED (HP10x42) PILES DRIVEN (HP10x42) SHEET PILING FURNISHED	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4)	유명	30786.00 30786.00 2200.00
14	PILES FURNISHED (HP10x42) PILES DRIVEN (HP10x42) SHEET PILING FURNISHED SHEET PILING DRIVEN	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4) (BR-3)(BR-4)	유	30786.00 30786.00 2200.00 2200.00
14 15 16	PILES FURNISHED (HP10x42)  PILES DRIVEN (HP10x42)  SHEET PILING FURNISHED  SHEET PILING DRIVEN  HP10x42 PILE CAP	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4) (BR-3)(BR-4) (BR-3)(BR-4)	면 건 건 면 E	30786.00 30786.00 2200.00 2200.00 2772.00
14 15 16 17	PILES FURNISHED (HP10x42)  PILES DRIVEN (HP10x42)  SHEET PILING FURNISHED  SHEET PILING DRIVEN  HP10x42 PILE CAP  HP10x42 PILE CAP  STIFFNER PLATES	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4) (BR-3)(BR-4) (BR-3)(BR-1)	면 면 건 건 면 E	770.00 30786.00 30786.00 2200.00 2200.00 2772.00 235.00
14 15 16 17 18	PILES FURNISHED (HP10x42)  PILES DRIVEN (HP10x42)  SHEET PILING FURNISHED  SHEET PILING DRIVEN  HP10x42 PILE CAP  ###################################	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4) (BR-3)(BR-4) (BR-1)	SF SF G	30786.00 30786.00 2200.00 2200.00 2772.00 235.00 106.00
14 15 16 17 18 19	PILES FURNISHED (HP10x42)  PILES DRIVEN (HP10x42)  PILES DRIVEN (HP10x42)  PILES DRIVEN (HP10x42)  SHEET PILING FURNISHED  HP10x42 PILE CAP  STIFFNER PLATES  5/8" DJA. x 6" SHEAR STUDS  L4x4x1/4 ANGLE	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4) (BR-3)(BR-4) (BR-1)	E E E E E E	30786.00 30786.00 2200.00 2200.00 2772.00 235.00 106.00
14 15 16 17 18 19	PILES FURNISHED (HP10x42)  PILES DRIVEN (HP10x42)  PILES DRIVEN (HP10x42)  SHEET PILING FURNISHED  SHEET PILING DRIVEN  HP10x42 PILE CAP  STIFFNER PLATES  5/8" DIA. x 6" SHEAR STUDS  L4x4x1/4 ANGLE  L4x4x1/4 ANGLE  TYPE I-A PLAIN RIPRAP	(BR-4)(BR-5) (BR-4)(BR-5) (BR-4) (BR-3)(BR-4) (BR-1)	SF S	30786.00 30786.00 2200.00 2272.00 2772.00 235.00 1120.00 215.00
14 15 16 17 18 19 20 21	PILES FURNISHED (HP10x42)  PILES DRIVEN (HP10x42)  SHEET PILING FURNISHED  SHEET PILING FURNISHED  SHEET PILING DRIVEN  HP10x42 PILE CAP  FTIFFNER PLATES  STIFFNER PLATES  STIFFNER PLATES  STIFFNER PLATES  STIFFNER PLATES  STIFFNER PLATES  THE LAPALIN RIPRAP  TYPE I-A FILTER BLANKET	(BR-4)(BR-5) (BR-4)(BR-5) (BR-3)(BR-4) (BR-3)(BR-4) (BR-1)	SF S	30786.00 30786.00 2200.00 2200.00 2772.00 106.00 1120.00 215.00 55.00

CN #088	PAY QUANTITIES		
ITEM NO.	DESCRIPTION	LINU	QUANT.
23	CONSTRUCTION STAKING LEVEL I (1)	LSUM	1.00
24	REMOVAL OF EXISTING BRIDGE STRUCTURE (3)	LSUM	1.00
25	SWPPP DOCUMENTATION AND MANAGEMENT (2)	LSUM	1.00

DIST. #3

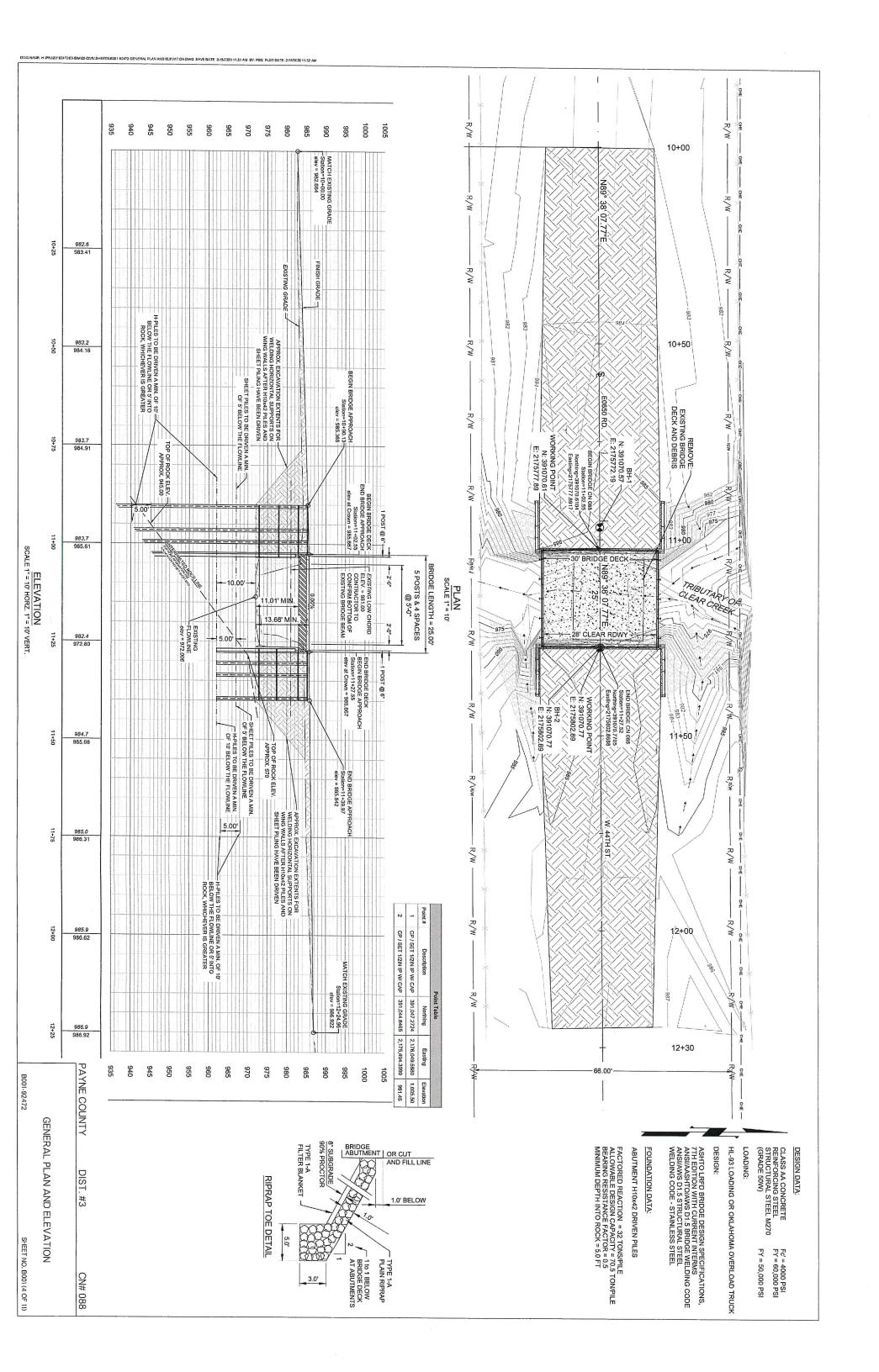
CN# 088

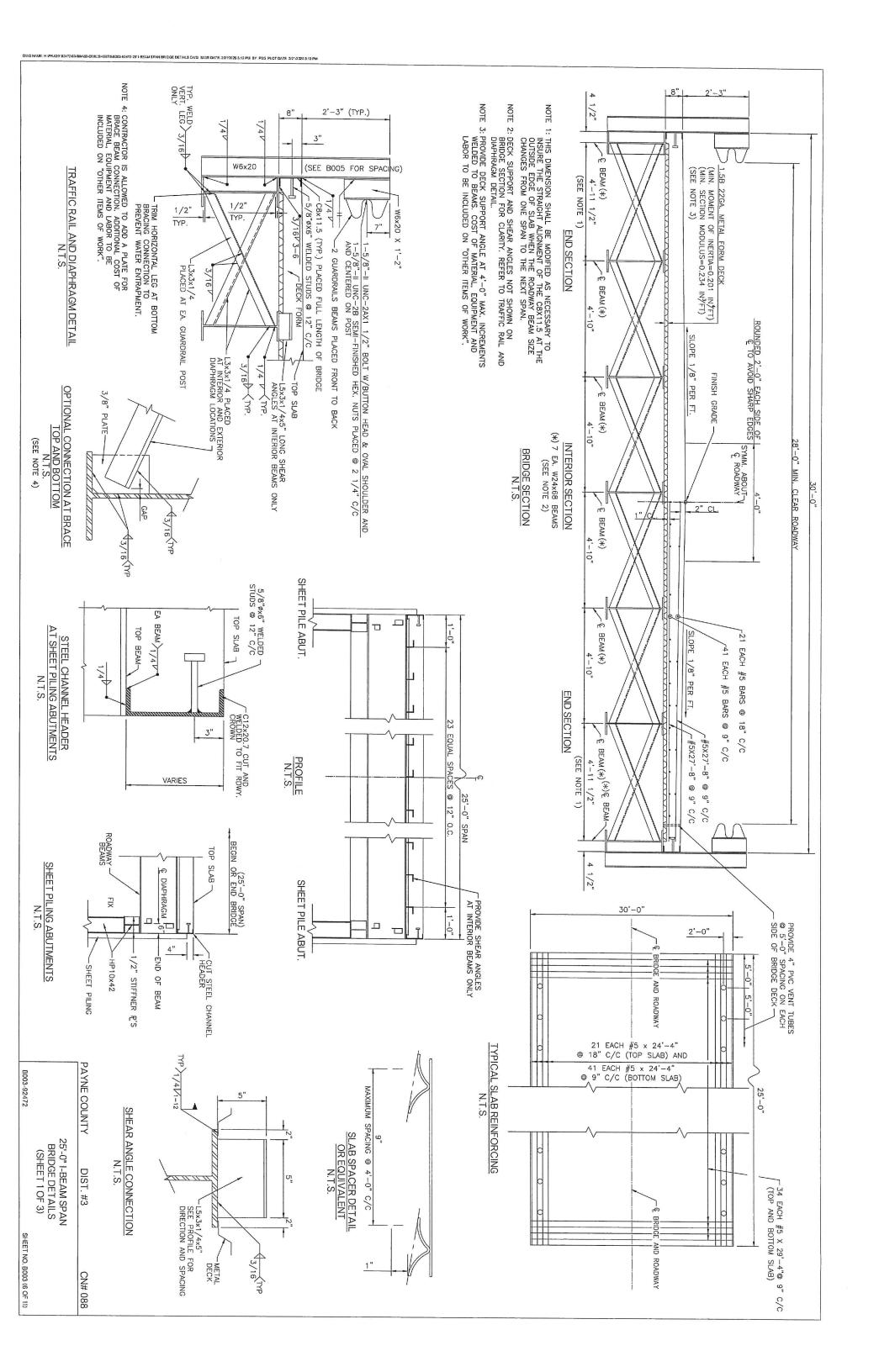
PAYNE COUNTY

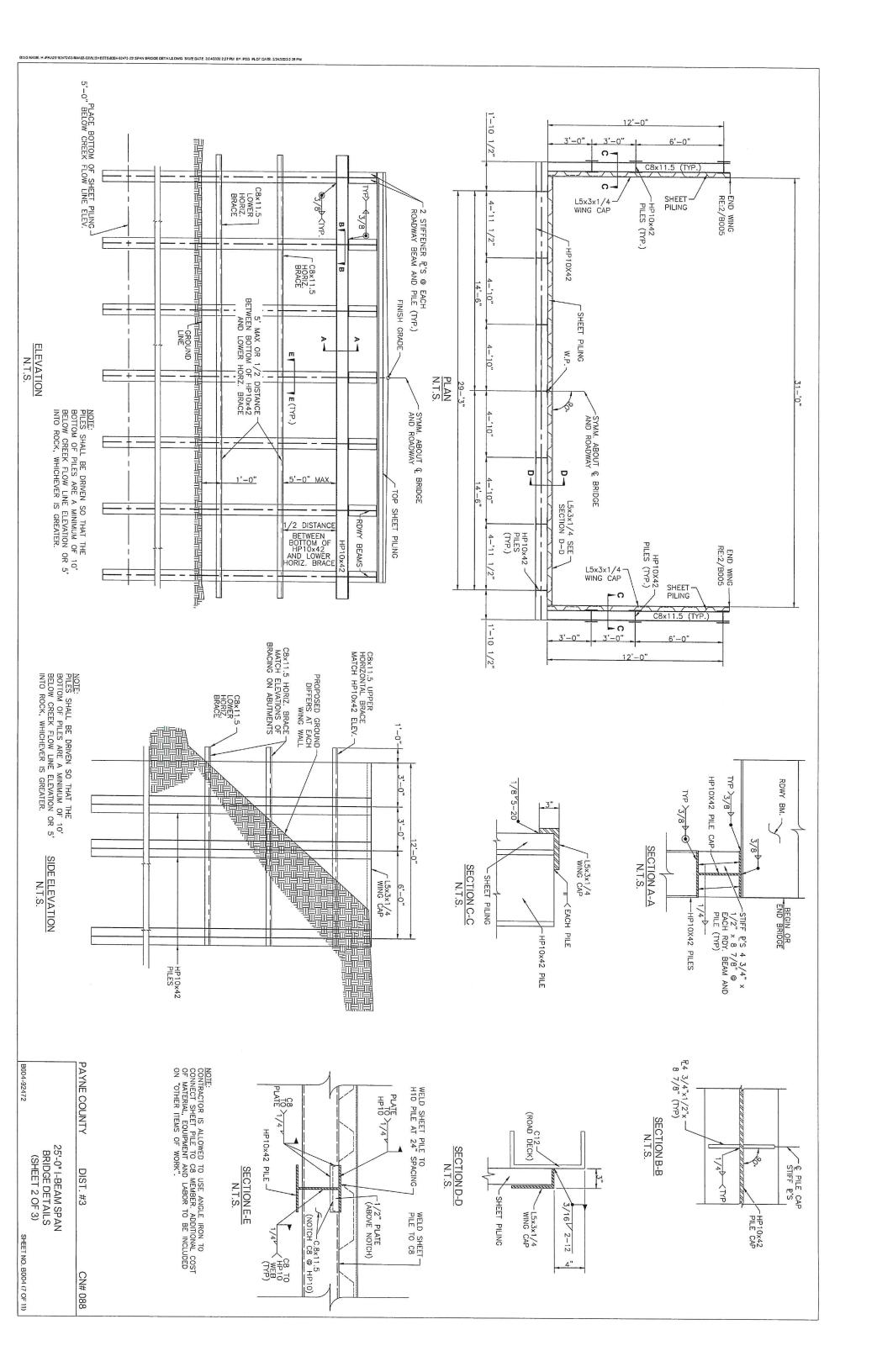
GENERAL NOTES AND PAY QUANTITIES (BRIDGE)

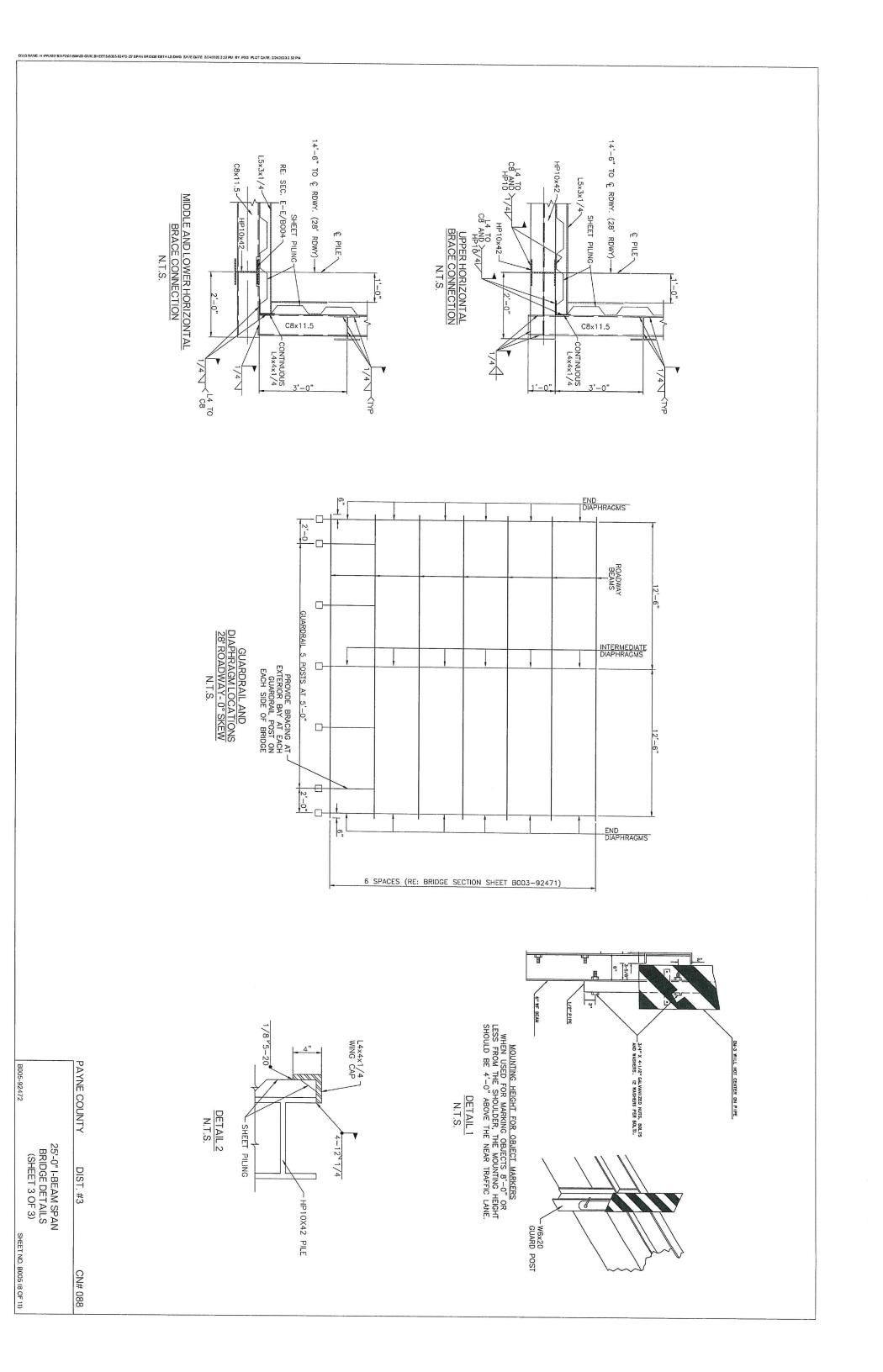
SHEET NO. AB01 (3 OF 11)

AB01-92472









#### SENSITIVE WATERS OR WATERSHEDS: ESTIMATED AREA TO BE DISTURBED: ±0.202 ACRES OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE) POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES: 1. PLACE TEMPORARY SEDIMENT CONTROL DEVICES AT ALL OFF SITE DRAINAGE LOCATIONS. NOTE: THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES. ON ULTIMATE SLOPES. NAME OF RECEIVING WATERS: 3. REMOVE & STOCKPILE TOPSOIL IMPEDING CONSTRUCTION CONTROL DEVICES. PROJECT DESCRIPTION: CN-088 BRIDGE REPLACEMENT, 25' COMPOSITE I-BEAM WITH 28' PROJECT LIMITS: W. 44TH ST. (E0650 RD.) BRIDGE "A" OVER TRIBUTARY OF CLEAR CREEK. PERFORM CLEARING & GRUBBING OPERATIONS, PRESERVING ANY EXISTING VEGETATION NOT AS PERMANENT GRASSING IS ESTABLISHED (70% COVER), REMOVE TEMPORARY SEDIMENT AS GRADING PROCEEDS, PLACE TEMPORARY MULCHING OR PERMANENT GRASS DEPENDING ADD ADDITIONAL TEMPORARY SEDIMENT CONTROL DEVICES AND MAINTAIN AS NEEDED. LAKE THUNDERBIRD TMDL: IF YES, LIST IMPAIRMENT: 303(d) IMPAIRED WATERS: TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: LATITUDE & LONGITUDE OF CENTER OF PROJECT: LAT: 36°04′20.20′N LONG: 97°17′54.88″W LOCATED IN A TMDL: TOTAL AREA OF THE CONSTRUCTION SITE: ±0.342 ACRES IF YES, LOCATION: COUNTY COMMISSIONERS DISTRICT #3, PAYNE COUNTY, OKLAHOMA MS4 ENTITY SITE DESCRIPTION SOIL TYPE: PROJECT WILL DISCHARGE TO: CLEAR ROADWAY. APPROACHING ROADWAY AND BRIDGE STA, 11+02.55 TO STA, 11+27.55 APPROACHES BEING THE RESPONSIBILITY OF THE COUNTY 0.60 0.12 AC. CIMARRON RIVER .039 AC. YES YES X YES YES YES X ON X ON X ON NO × STORM WATER OFFSITE VEHICLE TRACKING: NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, STRUCTURAL PRACTICES: OR AS DIRECTED BY THE ENGINEER. NOTES: SOIL STABILIZATION PRACTICES: × × × × LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN VEGETATIVE MULCHING HAUL ROADS DAMPENED FOR DUST CONTROL RIP RAP EXCESS DIRT ON ROAD REMOVED DAILY TEMPORARY BRUSH SEDIMENT BARRIERS INLET SEDIMENT FILTER TEMPORARY SEDIMENT REMOVAL SANDBAG BERMS ROCK FILTER DAMS MANAGEMENT PLAN TEMPORARY SEDIMENT FILTERS TEMPORARY DIVERSION CHANNELS PAVED DITCH W/ DITCH LINER PROTECTION TEMPORARY SLOPE DRAIN DIVERSION, INTERCEPTOR OR PERIMETER SWALES TEMPORARY SILT FENCE TEMPORARY STREAM CROSSINGS TEMPORARY SEDIMENT TRAPS TEMPORARY SEDIMENT BASINS DIVERSION, INTERCEPTOR OR PERIMETER DIKES TEMPORARY FIBER LOG TEMPORARY SILT DIKES STABILIZED CONSTRUCTION EXIT SOIL RETENTION BLANKET PERMANENT SODDING, SPRIGGING OR SEEDING TEMPORARY SEEDING PRESERVATION OF EXISTING VEGETATION **EROSION AND SEDIMENT** A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NO!) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE NOTICE OF INTENT (NO!) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEO). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROCECT MUST BE COLLMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTIANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS SUED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTIANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION. STATE OF OKLAHOMA." ODEQ, WATER QUALITY DIVISION, SEPTEMBER 13, 2017. ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE IN ADDITION: THE FOLLOWING SECTIONS OF THE 2009 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED: PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS. 107.20 STORM WATER MANAGEMENT 220 MANAGEMENT OF EROSION, SEDIMENTATION AND STORM WATER POLLUTION PREVENTION AND CONTROL PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES. 107.01 104.12 103.05 GENERAL NOTES: RECORDED BY A NON-FREEZING AREAS, DRAINAGEWAYS, MAT AND EXITS ALONG WITH EROSIC NEED TO BE INSPECTED. ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING: 106.08 STORAGE AND HANDLING OF MATERIAL HAZARDOUS MATERIALS: MAINTENANCE AND INSPECTION: 104.13 ENVIRONMENTAL PROT WASTE MATERIALS: CONTRACTOR'S RESPONSIBILITY FOR WORK LAWS, RULES AND REGULATIONS TO BE OBSERVED TEMPORARY SEDIMENT CONTROL BONDING REQUIREMENT FINAL CLEANING UP S ECTION CONTROLS PAYNE COUNTY R001-92472 MANAGEMENT PLAN STORM WATER DIST. #3 SHEET NO. R001 (10 OF 11) CN# 088

