

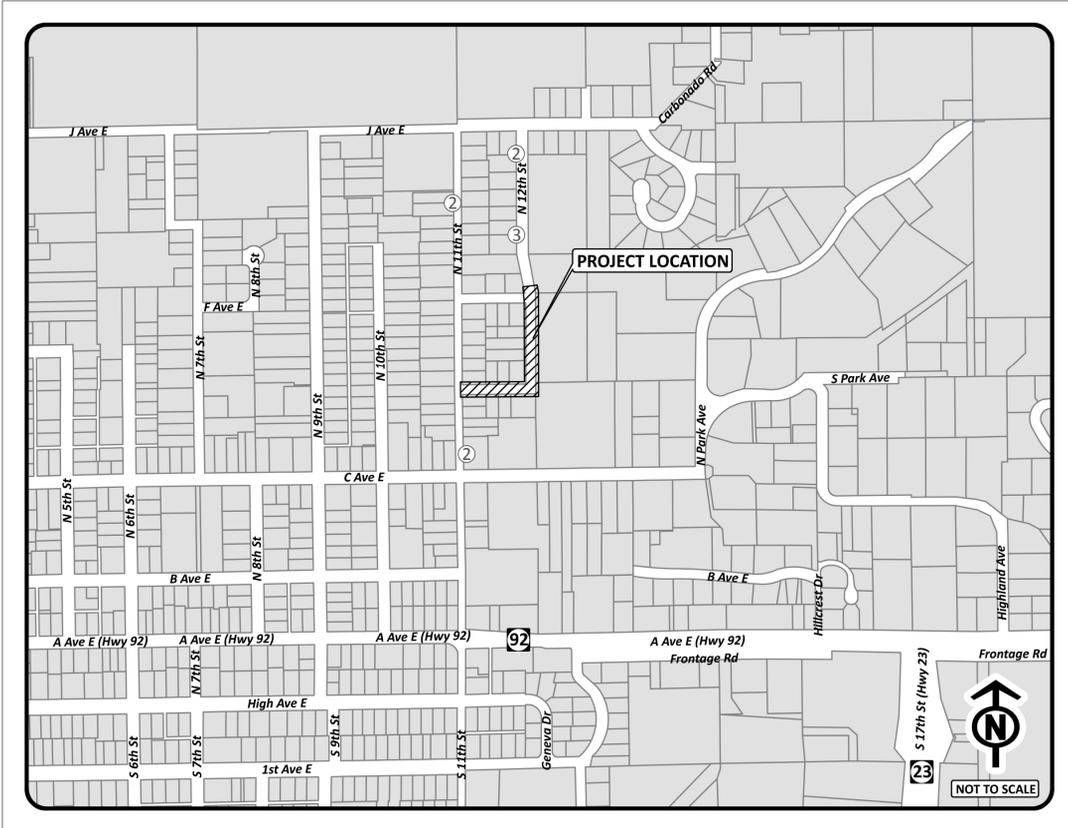
TRAFFIC CONTROL PLAN NOTES:

- TRAFFIC CONTROL SHALL CONSIST OF BARRICADES, SIGNS, AND LIGHTS AS NECESSARY TO PROTECT VEHICLES AND PEDESTRIANS.
- TRAFFIC CONTROL SHALL BE INSTALLED ACCORDING TO THIS PLAN AND THE CONSTRUCTION PHASES SHOWN ON PAGE C.1 IN ORDER TO MAINTAIN ACCESS TO THE HOSPITAL PARKING LOT AND HOSPICE CARE CENTER.
- TRAFFIC CONTROL AND SIGNING ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- WHERE POSSIBLE, ALL SIGNS SHALL BE POST MOUNTED AND PLACED A MINIMUM OF TWO FEET CLEAR OF THE BACK OF THE CURB.
- PERMANENT SIGNS CONVEYING A MESSAGE CONTRARY OR CONTRADICTORY TO THE MESSAGE OF TEMPORARY SIGNS AND/OR NOT APPLICABLE TO WORKING CONDITIONS SHALL BE COVERED BY THE CONTRACTOR WHEN DIRECTED BY THE CITY ENGINEER.
- ALL TRAFFIC CONTROL DEVICES, INCLUDING POSTS, SHALL BE FURNISHED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.
- PROPOSED SIGN SPACING MAY BE MODIFIED WITH THE ENGINEER'S APPROVAL TO MEET EXISTING FIELD RESTRICTIONS OR TO PREVENT OBSTRUCTION OF MOTORISTS VIEW OF PERMANENT SIGNING.
- PROPOSED CHANGES IN THE TRAFFIC CONTROL PLAN SHALL BE REVIEWED WITH THE CITY ENGINEER BEFORE THE CHANGES ARE MADE.
- ALL CONTRACTOR-FURNISHED BARRICADES, VERTICAL PANELS, AND FIXED POST MOUNTED TRAFFIC CONTROL SIGNS SHALL MEET CURRENT MUTCD REFLECTIVITY STANDARDS.
- ARTICLE 2528.12 OF THE I.D.O.T. STANDARD SPECIFICATIONS REQUIRES MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES, INCLUDING MAINTENANCE OF THE DEVICES DURING NON-WORKING HOURS IN ORDER TO ASSURE PROPER OPERATION. CONTRACTOR SHALL MAINTAIN, CLEAN AS NECESSARY, AND REPLACE DAMAGED TRAFFIC CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.
- WHEN USED FOR TRAFFIC CONTROL OR PROTECTION OF THE WORK SITE, SAFETY FENCE MUST BE FIRMLY SUPPORTED IN A VERTICAL POSITION. RELATED COSTS ARE TO BE INCLUDED IN THE TRAFFIC CONTROL BID ITEM.
- ALL "STOP" AND OTHER REGULATORY SIGNS ARE NOT TO BE DISTURBED UNTIL NECESSARY. IF A "STOP" OR OTHER REGULATORY SIGN MUST BE REMOVED, IT CAN BE REMOVED AND REPLACED AS DIRECTED BY THE CITY ENGINEER.
- SIGNS AND SIGN POSTS IN LINE OF CONSTRUCTION SHALL BE REMOVED, SALVAGED, AND STORED BY THE CONTRACTOR. UPON COMPLETION OF PAVING AND GRADING OPERATIONS, REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. REMOVAL AND RESETTING OF SIGNS IS INCIDENTAL TO CONSTRUCTION.
- TYPE "A" FLASHING WARNING LIGHTS ARE REQUIRED AND SHALL BE VISIBLE TO BOTH DIRECTIONS OF TRAFFIC. THE BACKSIDE OF THE TYPE III BARRICADES SHALL BE FULLY REFLECTIVE UNLESS THERE IS NO ACCESS PERMITTED BEYOND THE BARRICADE. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARDS THE TRAFFIC SIDE.
- A MINIMUM OF TWO TYPE III BARRICADES ARE NECESSARY TO CLOSE AN ENTIRE STREET.
- PRIVATE DRIVEWAYS CAN BE CLOSED WITH TYPE II BARRICADES.
- THE BID ITEM "TRAFFIC CONTROL" SHALL INCLUDE THE COST FOR ALL TRAFFIC CONTROL MEASURES REQUIRED OF THE CONTRACTOR. TRAFFIC CONTROL WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE. NO SEPARATE PAYMENT WILL BE MADE FOR FLAGGERS AND PILOT CARS IF REQUIRED BY THE CONTRACT DOCUMENTS.
- THE CITY ENGINEER RESERVES THE RIGHT TO CHANGE THE TRAFFIC CONTROL PLAN WHEN REQUIRED.



TRAFFIC CONTROL REQUIRED FOR ALL PROJECT PHASES

(SEE PHASE 1 & 2 CONSTRUCTION AND TRAFFIC CONTROL PLANS ON PAGE C.1 FOR ADDITIONAL TRAFFIC CONTROL REQUIREMENTS)

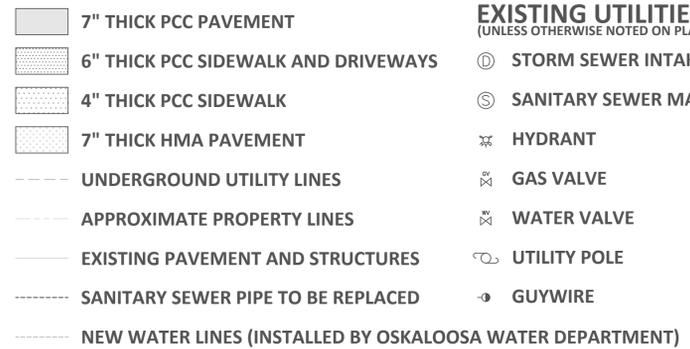


GENERAL NOTES:

- THIS PROJECT INCLUDES ALL WORK AND MATERIALS ASSOCIATED WITH CONCRETE STREET CONSTRUCTION, NEW ADA ACCESSIBLE SIDEWALK AND RAMPS, DRIVEWAY APPROACH REPLACEMENT, STORM SEWER IMPROVEMENTS, TRAFFIC CONTROL, AND OTHER MISCELLANEOUS ASSOCIATED WORK INCLUDING CLEAN UP.
- ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE CITY OF OSKALOOSA DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) STANDARD SPECIFICATIONS 2014 EDITION PLUS CURRENT SUPPLEMENTAL SPECIFICATIONS AND DETAILED SPECIFICATION REQUIREMENTS. SUDAS SPECIFICATION MANUALS CAN BE ORDERED FROM THE INSTITUTE FOR TRANSPORTATION (FORMERLY CTRE) - ATTN: BETH RICHARDS, 2711 SOUTH LOOP DRIVE, SUITE 4700, AMES, IA 50010-8664, PHONE: 515-294-2869. SPECIFICATIONS CAN ALSO BE VIEWED AT THE SUDAS WEBSITE (WWW.IOWASUDAS.ORG). CONTRACTOR SHALL HAVE A MINIMUM OF ONE SET OF PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
- NOTIFY AKHILESH PAL, DIRECTOR OF PUBLIC WORKS, CITY OF OSKALOOSA, AT 641-673-7472 TWO WEEKS PRIOR TO COMMENCING WORK. THROUGHOUT THE PROJECT, MAKE EVERY EFFORT TO COORDINATE WORK AND COOPERATE WITH ALL CITY PERSONNEL AND ENGINEERS.
- CONTRACTOR SHALL NOTIFY PROPERTY OWNERS 48 HOURS IN ADVANCE IF ACCESS TO PROPERTIES WILL BE INTERRUPTED. ACCESS TO PRIVATE PROPERTY SHALL BE MAINTAINED AT ALL TIMES FOR EMERGENCY VEHICLES. PROVIDE PEDESTRIAN ACCESS TO RESIDENCES AND BUSINESSES DURING CONSTRUCTION.
- THIS PROJECT WILL BE CONSTRUCTED IN TWO PHASES. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS SHOWN ON THE TRAFFIC CONTROL PLAN AND THE PHASE 1 AND 2 STAGING AND TRAFFIC CONTROL PLANS. THE CITY ENGINEER RESERVES THE RIGHT TO MODIFY THE TRAFFIC CONTROL PLAN AS NEEDED. BARRICADES, LIGHTS, AND SIGNS SHALL BE FURNISHED BY THE CONTRACTOR AND INSTALLED PER THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- TRAFFIC CONTROL WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE AND SHALL BE FULL COMPENSATION FOR PROVIDING, MAINTAINING, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES. NO SEPARATE PAYMENT WILL BE MADE FOR FLAGGERS AND PILOT CARS IF REQUIRED BY THE CONTRACT DOCUMENTS; INCLUDE IN LUMP SUM PRICE FOR TRAFFIC CONTROL.
- EXCESS EXCAVATED SOIL FREE OF RUBBLE AND ORGANICS AND ALL SALVAGE MATERIAL SHALL BE DELIVERED TO THE CITY STORAGE YARD AT THE INTERSECTION OF 3RD AVENUE WEST AND SUFFOLK ROAD.
- PAVEMENT SMOOTHNESS WILL BE MEASURED BY A PROFILOGRAPH AND WILL FOLLOW SCHEDULE B AND RELATED REQUIREMENTS OF IOWA DOT 2316 AND I.M. 341. NO INCENTIVES FOR PAVEMENT SMOOTHNESS WILL BE ALLOWED. THE COST OF CORRECTING SMOOTHNESS AND THE ASSOCIATED TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE COST OF THE PAVEMENT. CONTRACTOR IS RESPONSIBLE FOR PERFORMING THE PAVEMENT SMOOTHNESS TEST AND ANY REQUIRED CORRECTIVE MEASURES.
- COMPACTION TESTING IS TO BE PERFORMED ACCORDING TO SPECIFICATION SECTION 3010 3.06. CONTRACTOR IS RESPONSIBLE FOR PAVEMENT SUBGRADE COMPACTION TESTING IN ACCORDANCE TO THE SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE QUALITY CONTROL IN ACCORDANCE WITH SECTION 7020 3.06B.
- THE LOCATIONS OF EXISTING UTILITIES IS APPROXIMATE. UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THE PLANS. VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION BY EXCAVATING AHEAD OF WORK. CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL UTILITY COMPANIES LOCATED IN THE WORK ZONE AT LEAST 48 HOURS PRIOR TO EXCAVATION.
- ALL UTILITY FIXTURES SHALL BE ADJUSTED TO CONFORM TO THE FINISHED SURFACE OF THE STREET, DRIVEWAY, SIDEWALK, OR FINISHED GRADE. THIS WORK IS INCIDENTAL TO CONSTRUCTION.
- PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION UNLESS OTHERWISE SHOWN ON PLANS. ANY UTILITIES DAMAGED DUE TO CONTRACTOR'S NEGLIGENCE WILL BE REPAIRED AT THEIR EXPENSE.
- CONTRACTOR SHALL PRESERVE ALL MONUMENTS, STAKES, PROPERTY PINS, REFERENCE POINTS, AND BENCHMARKS. IN CASE OF DESTRUCTION BY CONTRACTOR'S NEGLIGENCE OR CARELESSNESS, THEY WILL BE CHARGED WITH THE RESULTING EXPENSE OF REPLACEMENT AND BE HELD RESPONSIBLE FOR ANY MISTAKES OR LOSS OF TIME CAUSED THEREBY.
- CONTRACTOR SHALL PREVENT THE ENTRY OF MUD, DIRT, DEBRIS, AND OTHER MATERIAL INTO EXISTING SEWERS. SHOULD MUD, DIRT, DEBRIS, OR OTHER MATERIAL ENTER THE SEWERS, THE CONTRACTOR SHALL CLEAN STRUCTURES AND PIPES AT NO COST TO THE OWNER.
- CONCRETE MIX SHALL BE IDOT C-3WR-C OR C-4WR-C FOR ALL PAVEMENT, DRIVEWAYS, AND SIDEWALKS. COARSE AGGREGATE SHALL BE CLASS 3 DURABILITY. USE OF FLY ASH AND GROUND GRANULATED BLAST FURNACE SLAG (GGBFS) SHALL BE IN ACCORDANCE WITH SECTION 7010 2.02C OF THE SUDAS SPECIFICATIONS.
- METHOD OF ACCEPTANCE FOR AGGREGATES, PORTLAND CEMENT, FLY ASH, CURING COMPOUND, AND JOINT SEALER SHALL BE BY QUALITY CERTIFICATION FURNISHED BY THE CONTRACTOR. CERTIFIED PLANT INSPECTION IS NOT REQUIRED.
- CONTRACTOR SHALL BE THE RESPONSIBLE PARTY FOR ALL TESTING AND RE-TESTING OF P.C. CONCRETE INCLUDING AIR CONTENT, SLUMP, AND CYLINDERS ACCORDING TO THE SPECIFICATIONS.
- THE JURISDICTION RESERVES THE RIGHT TO MAKE ALTERATIONS IN THE PLANS OR IN THE QUANTITIES OF THE WORK AS MAY BE CONSIDERED NECESSARY. SUCH ALTERATIONS SHALL BE IN COMPLIANCE WITH SUDAS SECTION 1040 1.06 AND SHALL NOT BE CONSIDERED AS A WAIVER OF ANY CONDITIONS OF THE CONTRACT DOCUMENTS OR TO INVALIDATE ANY OF THE PROVISIONS THEREOF.
- THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND TREES OUTSIDE THE CONSTRUCTION LIMITS. EQUIPMENT AND MATERIAL SHALL BE STORED ONLY WITHIN THE STAGING AREAS DESIGNATED ON PAGE F.1. ADDITIONAL STORAGE LOCATIONS OR LOCATIONS FOR STORAGE OF CONTRACTOR MATERIALS OR EQUIPMENT DURING NON-WORKING HOURS MUST HAVE PRIOR APPROVAL BY THE CITY ENGINEER.
- CONTRACTOR IS RESPONSIBLE TO DISPOSE OF EXCESS MATERIAL WHICH IS NOT SUITABLE FOR BACKFILL OR SURFACE RESTORATION. DISPOSAL IS INCIDENTAL TO CONSTRUCTION. NO MATERIAL SHALL BE PLACED WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE CITY ENGINEER.
- ALL SIDEWALK, CURB RAMPS, AND DETECTABLE WARNINGS SHALL BE CONSTRUCTED ACCORDING TO SUDAS SECTION 7030 ADA REQUIREMENTS. DETECTABLE WARNING PANELS WILL BE PROVIDED BY THE CITY OF OSKALOOSA AND MAY BE PICKED UP AT THE PUBLIC WORKS DEPARTMENT AT 804 SOUTH D STREET. WHEN NECESSARY, THE CONTRACTOR SHALL CUT THE PANELS TO FIT. PLACEMENT OF THE DETECTABLE WARNING PANELS IS INCIDENTAL TO SIDEWALK CONSTRUCTION.
- A MINIMUM OF 6" OF TOP SOIL SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR OVER ALL DISTURBED NON-PAVED AREAS. THOSE AREAS SHALL BE FERTILIZED, SEEDED, AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS.
- REMOVE ABANDONED PIPE OR UTILITIES THAT ARE IN DIRECT CONFLICT WITH NEW CONSTRUCTION. REMOVAL AND DISPOSAL IS INCIDENTAL TO CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN POSTAL SERVICE IN ACCORDANCE WITH SPECIFICATION SECTION 1070 2.14. THIS WORK IS INCIDENTAL TO CONSTRUCTION.
- ALL PCC PAVEMENT SAW JOINTS SHALL BE SEALED. DO NOT SEAL DRIVEWAY OR SIDEWALK SAW JOINTS.
- THE CITY WILL PROVIDE CONSTRUCTION STAKING ONE TIME ONLY FOR STORM SEWER STRUCTURES AND PIPE AND MAINLINE STREET PAVING. ADDITIONAL STAKING AND REPLACEMENT OF STAKES DAMAGED AS RESULT OF CONTRACTOR'S NEGLIGENCE SHALL BE AT THE CONTRACTOR'S EXPENSE.
- SANITARY SEWER GRAVITY MAIN PIPE MATERIAL SHALL BE SOLID WALL PVC (SDR 35) AS SPECIFIED IN SECTION 4010 2.01A. INSTALL, BED, AND BACKFILL IN ACCORDANCE WITH THE SPECIFICATIONS. USE CLASS F-3 BEDDING FOR SOLID WALL PVC (SDR 35) PIPE.
- SANITARY SEWER MANHOLE LIDS ARE TO BE ANCHORED AND BOLTED TO CONE SECTION OF MANHOLE WITH 2.5" STAINLESS STEEL SETS OF BOLTS, WASHERS, AND NUTS. USE SW-601 TYPE D STANDARD DUTY CASTING WITH INTERNAL CHIMNEY SEAL.
- DURING PERIODS WHEN PORTIONS OF E AVENUE EAST AND NORTH 12TH STREET ARE CLOSED TO TRAFFIC, THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING GARBAGE COLLECTION SERVICE BY PROVIDING DUMPSTERS FOR LOCAL RESIDENT USE AND ARRANGING FOR THEM TO BE EMPTIED ON A REGULAR BASIS. THIS WORK IS INCIDENTAL TO CONSTRUCTION.

ESTIMATED PROJECT QUANTITIES					
E AVENUE EAST (NORTH 11TH STREET TO NORTH 12TH STREET) AND NORTH 12TH STREET (E AVENUE EAST TO F AVENUE EAST)					
NO.	BID ITEM NO.	BID ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	REMARKS
1	1090-105-D	Mobilization	LS	1	
2	2010-108-E-0	Excavation - Class 10, 12, or 13	CY	1,900	Contractor is required to dispose of excess excavation. Payment for excavation will be based on plan quantity unless a change in horizontal or vertical alignment is approved. Item also includes stripping, salvaging, and respreading of topsoil on site. Top 6" of topsoil shall be prepared for seeding per specifications. No separate payment will be made for handling of topsoil.
3	2010-108-G-0	Subgrade Preparation, 12" Thick	SY	3,700	See typical sections on page A.3. Provide compaction with moisture density control in accordance with Section 2010 3.04D. Contractor shall adjust the moisture content of the soil if required to meet the specification and compaction requirements by scarifying, disk, or adding water as directed.
4	2010-108-H-0	Subgrade Treatment, Fly Ash	SY	1,000	Use only where authorized by Engineer. See typical sections on page A.3. The limitation for increase or decrease in work outlined in Specification Section 1040 1.06 does not apply to this bid item. Owner may authorize use of all, part, or none of the estimated quantity at the bid unit price.
5	2010-108-I-0	Modified Granular Subbase, 6" Thick	SY	3,900	Material shall meet IDOT Section 4123 Gradation No. 14, modified subbase. Place compacted subbase under all asphalt and concrete pavement, curb and gutter, and concrete driveways.
6	2010-108-L-0	Compaction Testing	LS	1	Use only where authorized by Engineer. The limitation for increase or decrease in work outlined in Specification Section 1040 1.06 does not apply to this bid item. Owner may authorize use of all, part, or none of the estimated quantity at the bid unit price.
7	3010-108-C-0	Trench Foundation	TON	50	Item is for testing trench backfill for sanitary and storm sewer construction.
8	3010-108-F-0	Trench Compaction Testing, Sanitary & Storm Sewer	LS	1	Item is for testing trench backfill for sanitary and storm sewer construction.
9	4010-108-A-1	Sanitary Sewer Gravity Main, Trenched, PVC, 8"	LF	75	Replace existing sanitary sewer where shown on plans. Includes removal and disposal of existing pipe and connections to existing pipe or structures.
10	4020-108-A-1	Storm Sewer, Trenched, RCP, 15"	LF	570	Pipe shall be a minimum 2000D with gasketed joints per specifications. Includes the cost of all pipe connections.
11	4040-108-A-0	Subdrain, Perforated PE, 4"	LF	1,700	See typical sections on page A.3 for additional information.
12	4040-108-D-0	Subdrain Outlets and Connections, CMP, 4"	EA	10	Install subdrain outlets with rodent guards at storm sewer structure locations shown on plans.
13	6010-108-A-0	Sanitary Sewer Manhole, SW-301, 48" Diameter	EA	1	
14	6010-108-B-0	SW-501 Single Grate Intake	EA	4	
15	6010-108-B-0	SW-503 Single Grate Intake with Manhole	EA	1	
16	6010-108-H-0	Remove Sanitary Sewer Manhole	EA	1	
17	6020-108-A-0	Infiltration Barrier, Chimney Seal	EA	1	Install internal chimney seal on all new sanitary sewer manholes. Includes all reinforcement, saw cuts, and crack sealing. See page C.1 for concrete street construction staging. See page C.2 for intersection and driveway jointing plans.
18	7010-108-A-0	PCC Pavement, 7" Thick	SY	3,265	Contractor is responsible for all testing. Contractor shall provide a copy of all testing results to the City Engineer during project progress. This item also includes sampling and testing for PCC sidewalks and driveways as specified for PCC pavement.
19	7010-108-I-0	PCC Pavement Samples and Testing	LS	1	
20	7020-108-A-0	Pavement, HMA, 7" Thick	TON	12	Place 7" of hot mix asphalt in two separate lifts. See typical sections on page A.3.
21	7030-108-A-0	Removal of Sidewalk	SY	170	
22	7030-108-A-0	Removal of Driveway	SY	205	See driveway tabulation on page A.3.
23	7030-108-E-0	PCC Sidewalk, 4" Thick	SY	780	
24	7030-108-E-0	PCC Sidewalk, 6" Thick	SY	135	All ramps, landings, and driveway sections shall be 6" thick as shown on plans. Follow all ADA standards in accordance with SUDAS specifications. Detectable warning panels will be provided by the City. When necessary, contractor shall cut panels to fit. Includes placement of panels and crack sealing at all expansion joints.
25	7030-108-H-1	PCC Paved Driveway, 6" Thick	SY	130	See driveway tabulation on page A.3. Includes crack sealing at all expansion joints.
26	7040-108-H-0	Pavement Removal	SY	3,300	Item includes removal of all existing concrete pavement, brick pavement, chip seal pavement, and concrete curb and gutter.
27	9010-108-A-0	Conventional Seeding, Fertilizing, and Mulching	LS	1	Fertilize, seed, and mulch all areas disturbed by construction. Use Type 1 (Permanent Lawn Mixture) seed mix.
28	9040-108-A-1	SWPPP Preparation	LS	1	
29	9040-108-A-2	SWPPP Management	LS	1	No separate payment will be made for installation, maintenance, or removal of structural controls required for the SWPPP. Installation of silt fence, filter socks, etc. to prevent sediment and pollutants from entering the storm sewer system and/or leaving the construction site is incidental to construction.
30	9040-108-A-3	SWPPP Qualifying Rainfall Event Inspection	EA	5	
31	XXX-XXXX-X-X	Traffic Control	LS	1	Follow MUTCD Section 6. Refer to the traffic control plans and notes on pages A.2 and C.1.

PLAN SHEET LEGEND:



ABBREVIATIONS:

- ROW = RIGHT OF WAY
- PCC = PORTLAND CEMENT CONCRETE
- SS = SANITARY SEWER
- ST = STORM SEWER
- W = WATER LINE
- ELEC = UNDERGROUND ELECTRIC
- COMM = TV COMMUNICATIONS
- SVC = SERVICE LINES



SHEET TITLE:
**GENERAL NOTES, QUANTITY
 TABULATION, & TRAFFIC
 CONTROL PLAN**

REVISION/ISSUE	NO.	DATE

PROJECT NAME:
**E AVENUE EAST & NORTH 12TH
 STREET RECONSTRUCTION PROJECT**

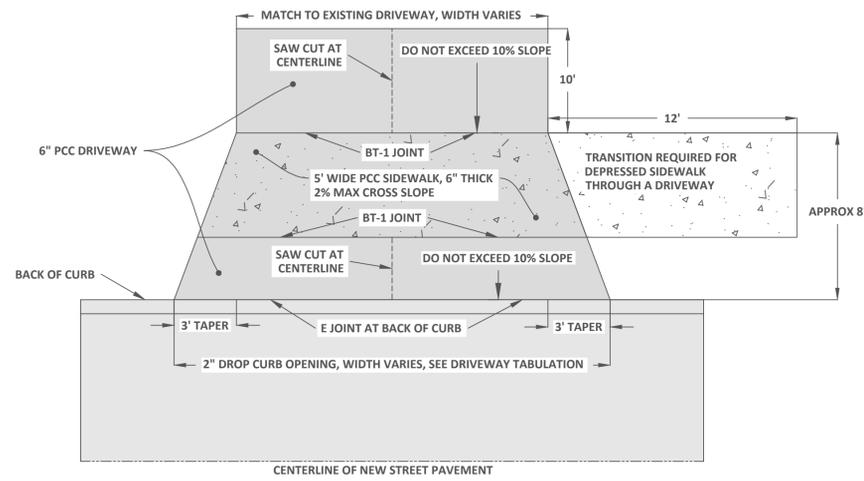
DRAWN BY: NW	APPROVED BY: AP	DATE: 1-5-15	PROJECT NO. 2010-24
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SHEET NO.

A.2

OSKALOOSA PUBLIC WORKS DEPARTMENT
 804 SOUTH D STREET, OSKALOOSA, IA 52577
 PHONE:(641)673-7472 FAX:(641)673-3733

TYPICAL DRIVEWAY SECTION

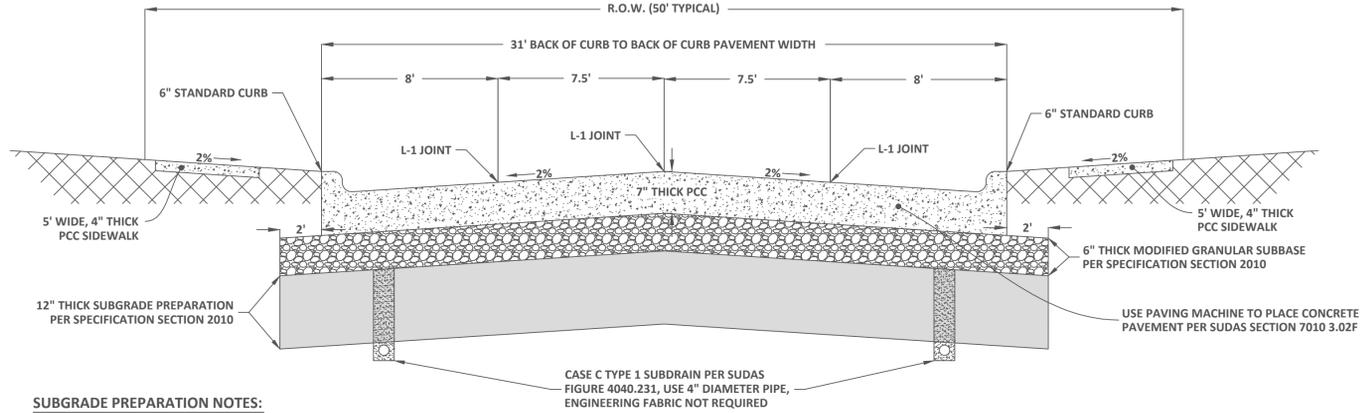


SIDEWALK AND DRIVEWAY CONSTRUCTION NOTE:
SIDEWALKS SHALL BE FORMED SEPARATELY FROM, AND COMPLETED PRIOR TO, DRIVEWAY CONSTRUCTION. SIDEWALK CROSS SLOPE MUST NOT EXCEED 2%. EDGE OF SIDEWALK TO BACK OF DROP CURB SLOPE MUST NOT EXCEED 10%. USE BT-1 JOINT ALONG BOTH SIDES OF THE SIDEWALK TO TIE INTO THE NEW DRIVEWAY.

NEW TYPICAL PCC DRIVEWAY TABULATION			
APPROXIMATE STATIONS	SIDE OF STREET	DRIVEWAY WIDTH (LF)	2" DROP CURB OPENING (LF)
1+07.5 TO 1+24.5	NORTH	11	17
1+45 TO 1+63	NORTH	12	18
2+03.5 TO 2+22.5	NORTH	13	19
4+00.5 TO 4+34.5	WEST	28	34
5+11 TO 5+29	WEST	12	18
6+04 TO 6+23	WEST	13	19
6+65 TO 6+83	WEST	12	18
7+66 TO 7+89	WEST	17	23

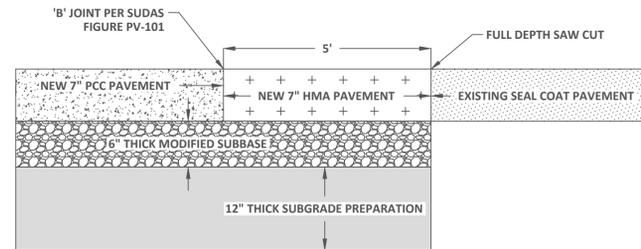
NEW TYPE B PCC DRIVEWAY TABULATION			
APPROXIMATE STATIONS	SIDE OF STREET	RADII (FT)	BOXOUT OPENING (LF)
4+45 TO 4+90	EAST	15	45
6+27 TO 6+89	EAST	25	62
7+04 TO 7+41	EAST	15	37

TYPICAL PAVEMENT SECTION - E AVENUE EAST & NORTH 12TH STREET (B.O.P TO E.O.P.)



- SUBGRADE PREPARATION NOTES:**
- THE EXISTING FAT CLAY (CH) B-HORIZON LOESS SOILS FOUND AS A RESULT OF THE GEOTECHNICAL REPORT SHALL NOT BE USED IN THE PREPARED SUBGRADE. FAT CLAY SOILS SHALL BE WASTED AND REPLACED WITH EXCESS LEAN TO FAT CLAY (CH-CL) SOILS (SEE NOTE 3). PREPARED SUBGRADE MOISTURE CONTENT SHALL BE MANIPULATED BY SCARIFYING, DISKING, OR ADDING WATER UNTIL SPECIFICATION AND COMPACTION REQUIREMENTS ARE MET. WHEN APPROVED BY THE OWNER, FLY ASH MAY BE USED TO IMPROVE THE SOIL SUBGRADE.
 - THE COMPACTED SUBGRADE MAY NECESSITATE UNDERCUTTING AND REWORKING SOILS IN CUT AREAS. SUBGRADE PREPARATION SHOULD BE COMPLETED SHORTLY BEFORE PAVING OPERATIONS COMMENCE AND IS TO BE MAINTAINED IN SUITABLE CONDITION UNTIL PAVED. DAMAGES CAUSED BY CONSTRUCTION TRAFFIC OR DETERIORATION DUE TO ADVERSE WEATHER ARE TO BE REPAIRED PRIOR TO PAVING. THE SUBGRADE SURFACE SHOULD BE SLOPED TO PROMOTE WATER FLOW TO THE SUBDRAINS.
 - LOW PLASTICITY (LIQUID LIMIT OF 45 OR LESS AND PLASTICITY INDEX OF 23 OR LESS) COHESIVE OR COHESIONLESS SOILS, FREE OF RUBBLE AND ORGANICS, MAY BE USED AS COMPACTED FILL.

TYPICAL SECTION - PAVEMENT TRANSITION TO EXISTING SEAL COAT PAVEMENT



STORM SEWER STRUCTURE TABLE					
STRUCTURE NO.	NORTHING	EASTING	RIM ELEVATION	RIM TO SUMP HEIGHT (FT)	INTAKE TYPE
ST-1	474714.79	1879304.59	825.69	4.00	SW-501
ST-2	474765.55	1879303.52	825.12	4.00	SW-501
ST-3	474765.66	1879334.52	825.12	4.00	SW-501
ST-4	474995.83	1879302.80	816.98	4.00	SW-503
ST-5	474995.64	1879333.80	816.98	4.00	SW-501

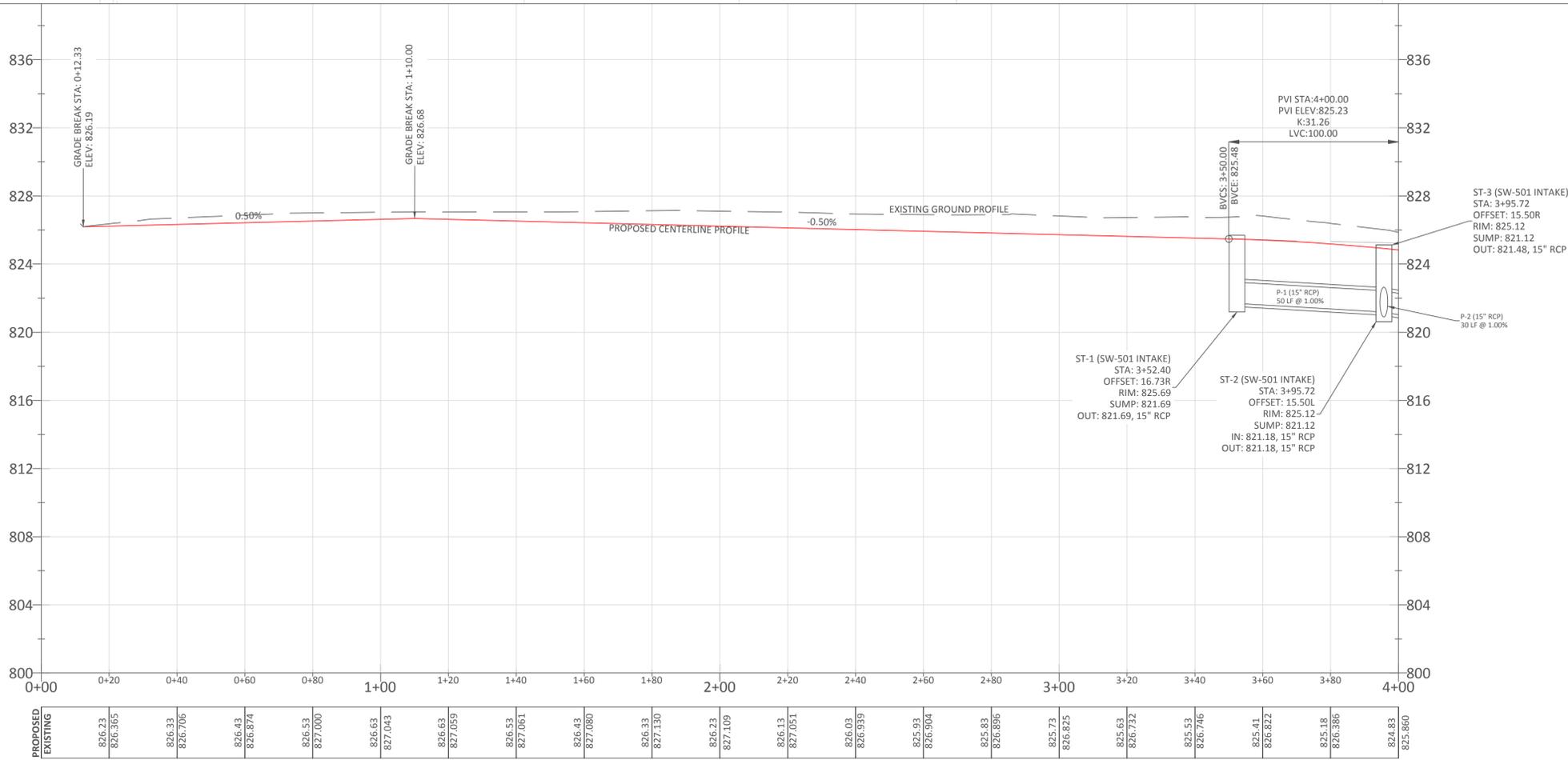
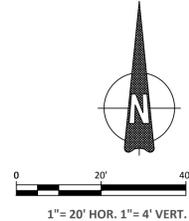
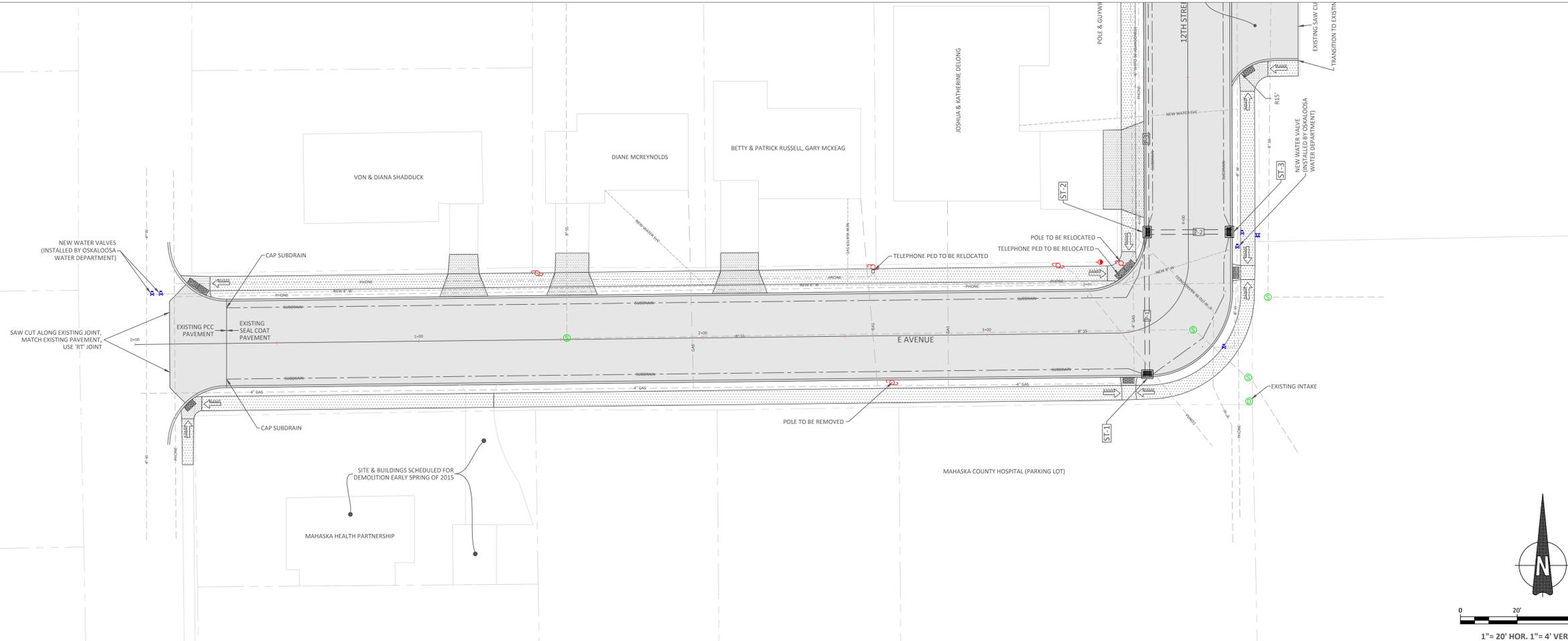
STORM SEWER PIPE TABLE								
PIPE NO.	DIAMETER	MATERIAL	FROM	TO	LENGTH (LF)	SLOPE	FL IN	FL OUT
P-1	15"	RCP	ST-1	ST-2	50	1.00%	821.69	821.18
P-2	15"	RCP	ST-3	ST-2	30	1.00%	821.48	821.18
P-3	15"	RCP	ST-2	ST-4	230	3.50%	821.18	813.12
P-4	15"	RCP	ST-5	ST-4	30	1.00%	813.42	813.12
P-5	15"	RCP	ST-4	4° BEND	170	5.50%	813.12	803.79
P-6	15"	RCP	4° BEND	EXISTING	60	6.50%	803.79	799.89

SHEET TITLE:
TYPICAL SECTIONS AND TABULATIONS

PROJECT NAME:
E AVENUE EAST & NORTH 12TH STREET RECONSTRUCTION PROJECT

DRAWN BY: NW
APPROVED BY: AP
DATE: 1-5-15
PROJECT NO. 2010-24

SHEET NO.
A.3



PROPOSED	EXISTING	826.23	826.365	826.33	826.706	826.43	826.874	826.53	827.000	826.63	827.043	826.63	827.059	826.53	827.061	826.43	827.080	826.33	827.130	826.23	827.109	826.13	827.051	826.03	826.939	825.93	826.904	825.83	826.896	825.73	826.825	825.63	826.732	825.53	826.746	825.41	826.622	825.18	826.386	824.83	825.860
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CITY OF OSKALOOSA
OSKALOOSA PUBLIC WORKS DEPARTMENT
804 SOUTH D STREET, OSKALOOSA, IA 52577
PHONE: (641) 673-7472 FAX: (641) 673-3733

REVISION/ISSUE	NO.	DATE

SHEET TITLE:
E AVENUE EAST PLAN
B.O.P. TO STA 4+00

PROJECT NAME:
E AVENUE EAST & NORTH 12TH
STREET RECONSTRUCTION PROJECT

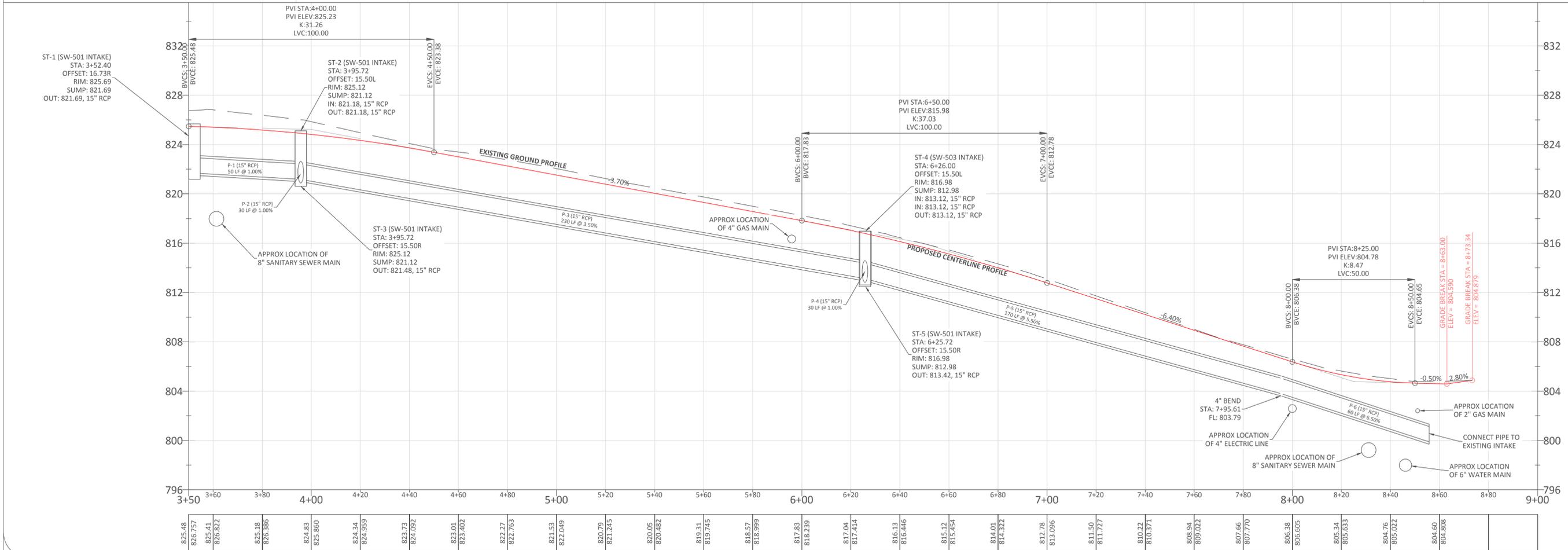
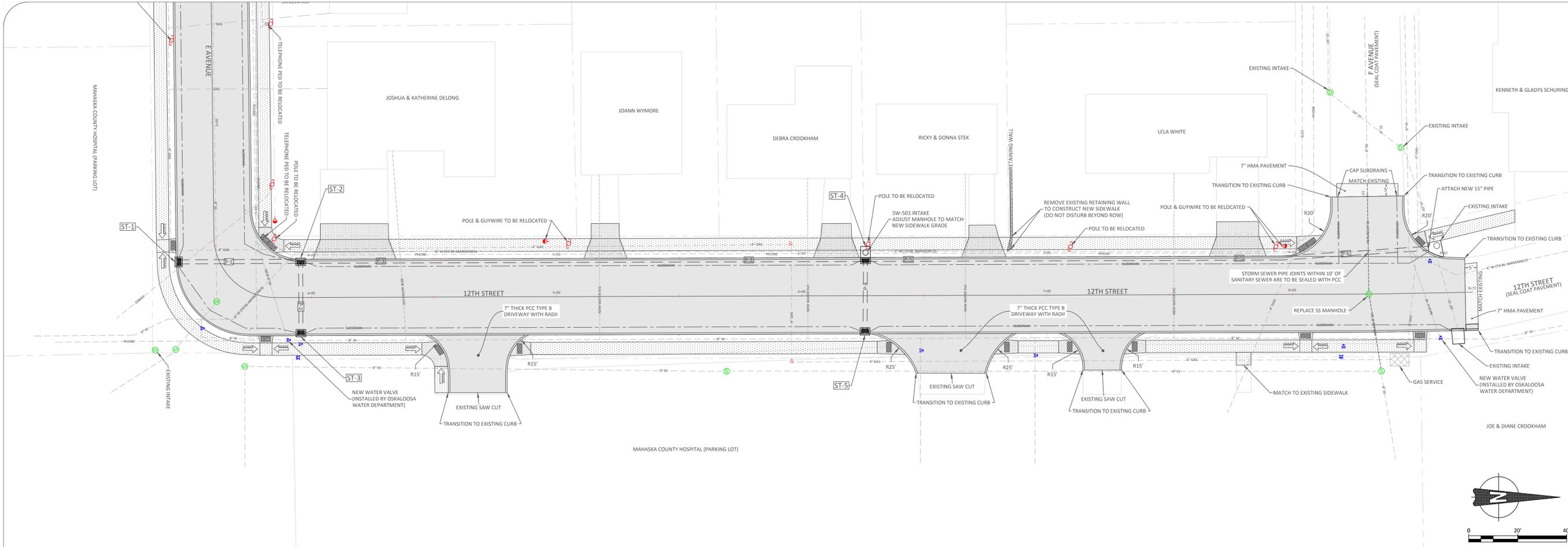
DRAWN BY: NW

APPROVED BY: AP

DATE: 1-5-15

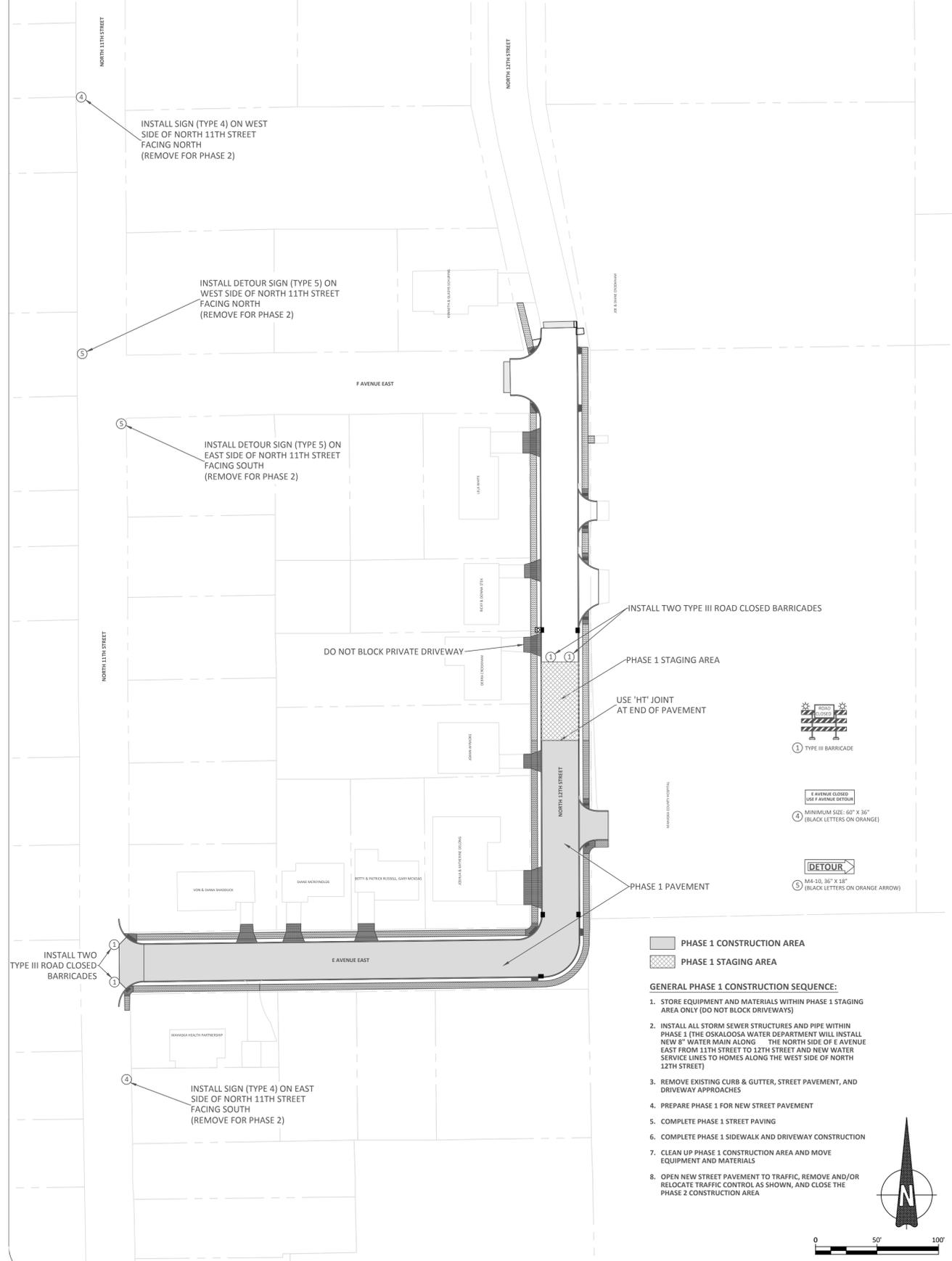
PROJECT NO. 2010-24

SHEET NO.
B.1



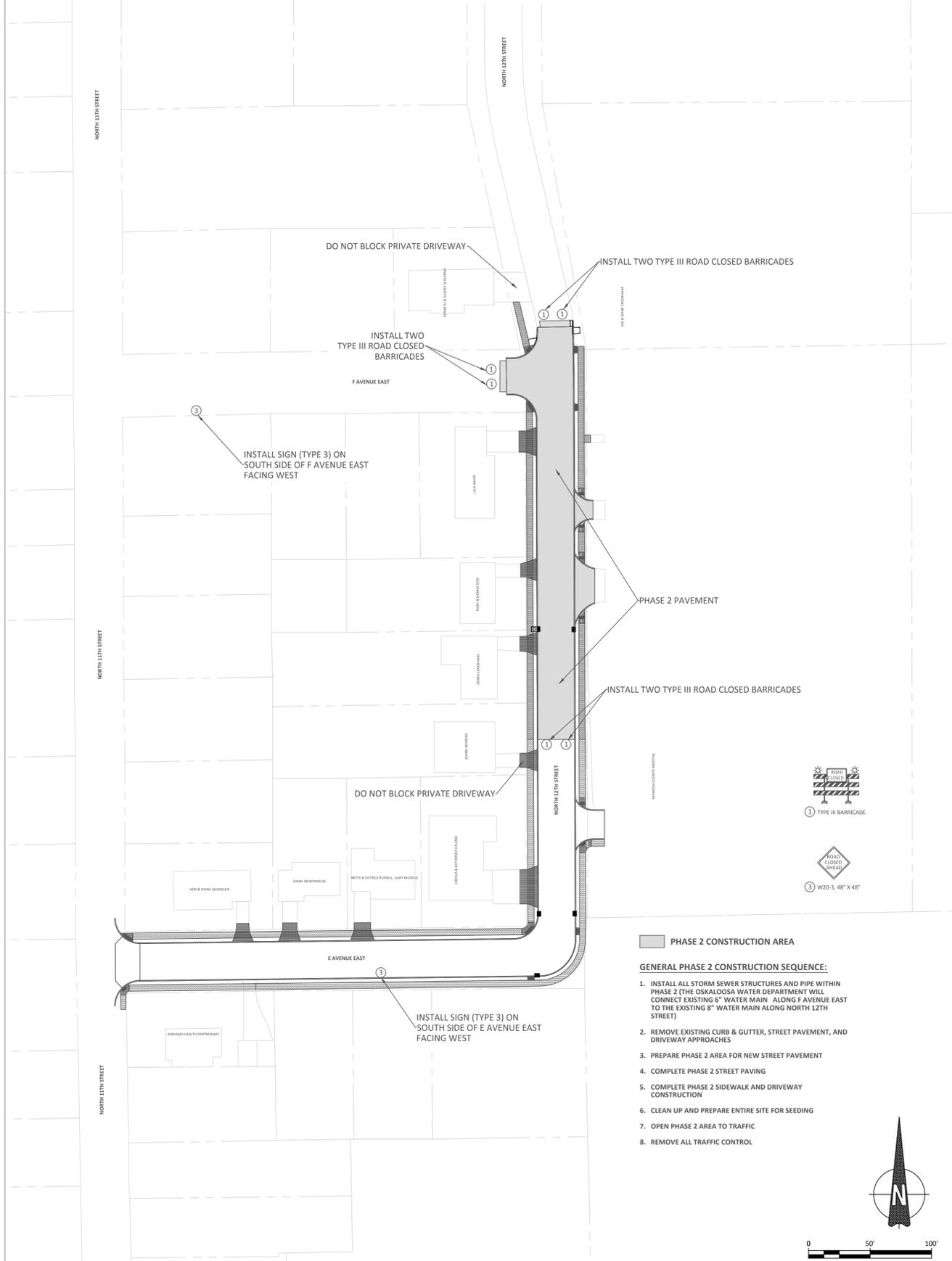
PHASE 1 CONSTRUCTION PLAN

SEE THE TRAFFIC CONTROL PLAN ON PAGE A.2 FOR INSTALLATION OF ADDITIONAL ROAD WORK AHEAD SIGNS (TYPE 2) AND ROAD CLOSED AHEAD SIGNS (TYPE 3).



PHASE 2 CONSTRUCTION PLAN

SEE THE TRAFFIC CONTROL PLAN ON PAGE A.2 FOR INSTALLATION OF ADDITIONAL ROAD WORK AHEAD SIGNS (TYPE 2) AND ROAD CLOSED AHEAD SIGNS (TYPE 3).



SHEET TITLE:
**PHASE 1 AND PHASE 2
 CONSTRUCTION AND
 TRAFFIC CONTROL PLANS**

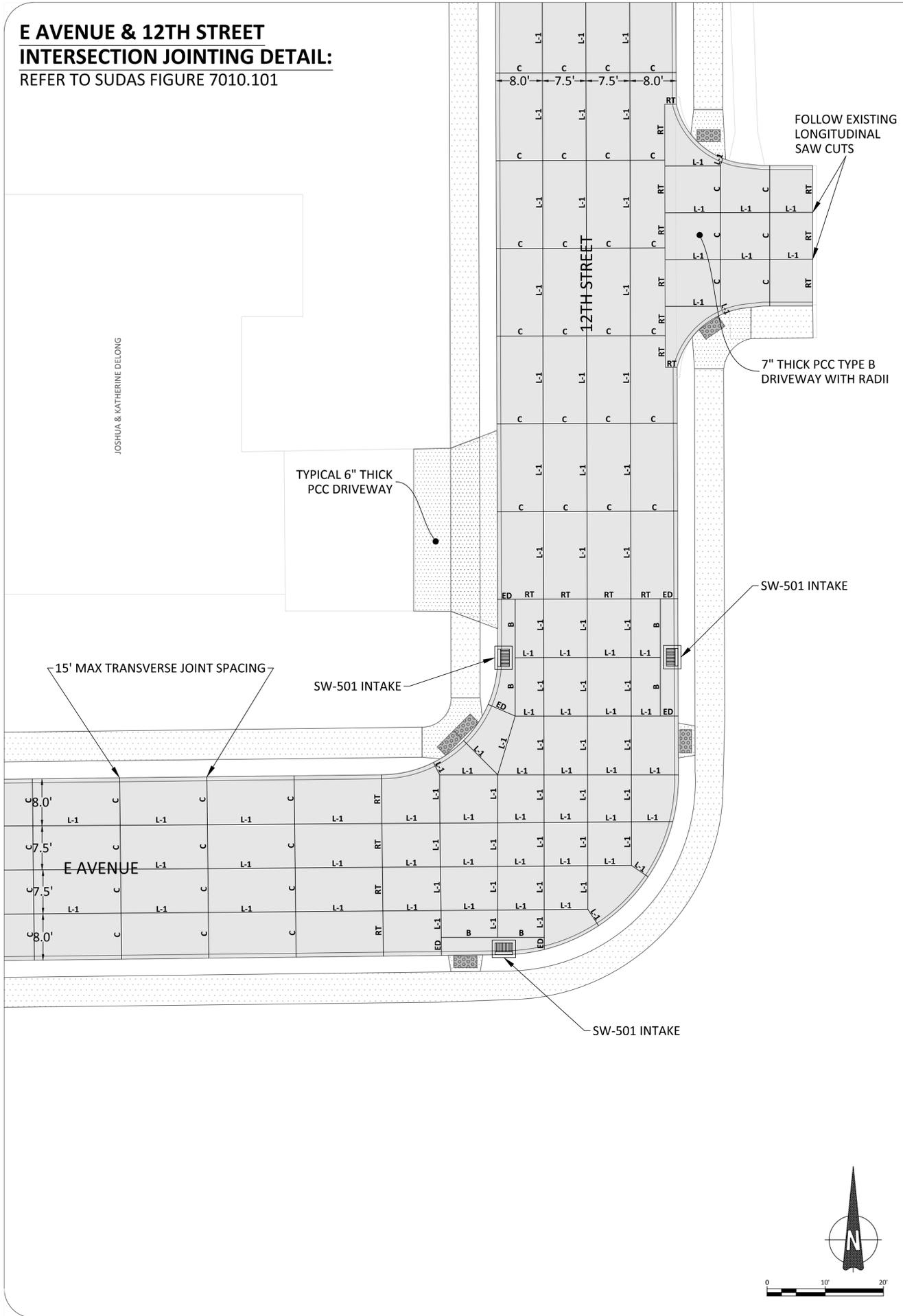
REVISION/ISSUE NO. DATE

PROJECT NAME:
**E AVENUE EAST & NORTH 12TH
 STREET RECONSTRUCTION PROJECT**

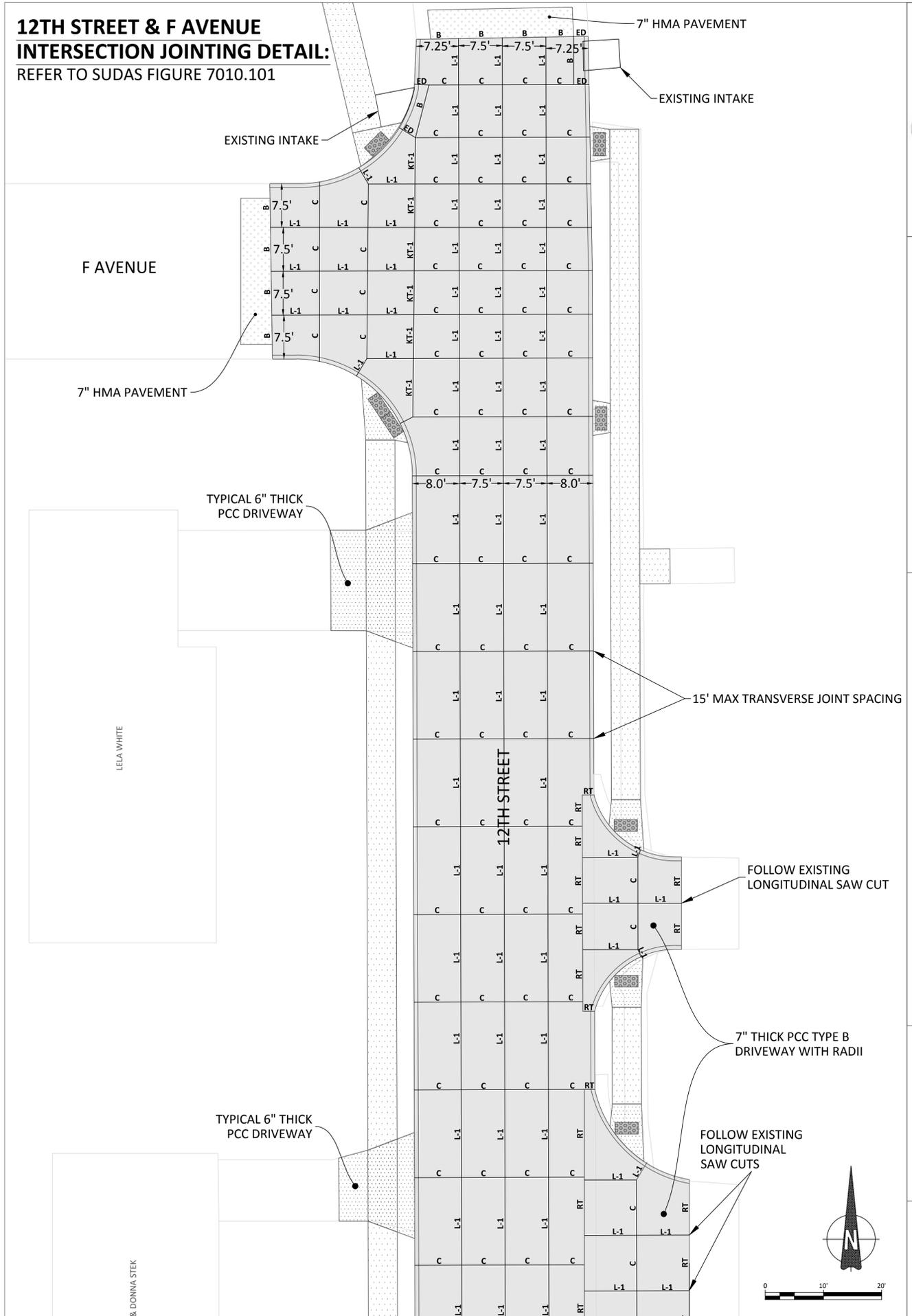
DRAWN BY: NW
 APPROVED BY: AP
 DATE: 1-5-15
 PROJECT NO. 2010-24

SHEET NO.
C.1

**E AVENUE & 12TH STREET
INTERSECTION JOINTING DETAIL:**
REFER TO SUDAS FIGURE 7010.101



**12TH STREET & F AVENUE
INTERSECTION JOINTING DETAIL:**
REFER TO SUDAS FIGURE 7010.101



SHEET TITLE:
**INTERSECTION JOINTING
PLANS**

REVISION/ISSUE	NO.	DATE

PROJECT NAME:
**E AVENUE EAST & NORTH 12TH
STREET RECONSTRUCTION PROJECT**

DRAWN BY: NW	APPROVED BY: AP	DATE: 1-5-15	PROJECT NO. 2010-24
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SHEET NO.
C.2



SHEET TITLE:
CROSS SECTIONS

REVISION/ISSUE	NO.	DATE

PROJECT NAME:
E AVENUE EAST & NORTH 12TH STREET RECONSTRUCTION PROJECT

DRAWN BY: NW	SHEET NO. D.1
APPROVED BY: AP	
DATE: 1-5-15	PROJECT NO. 2010-24
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