As Builts
Sept. 2002

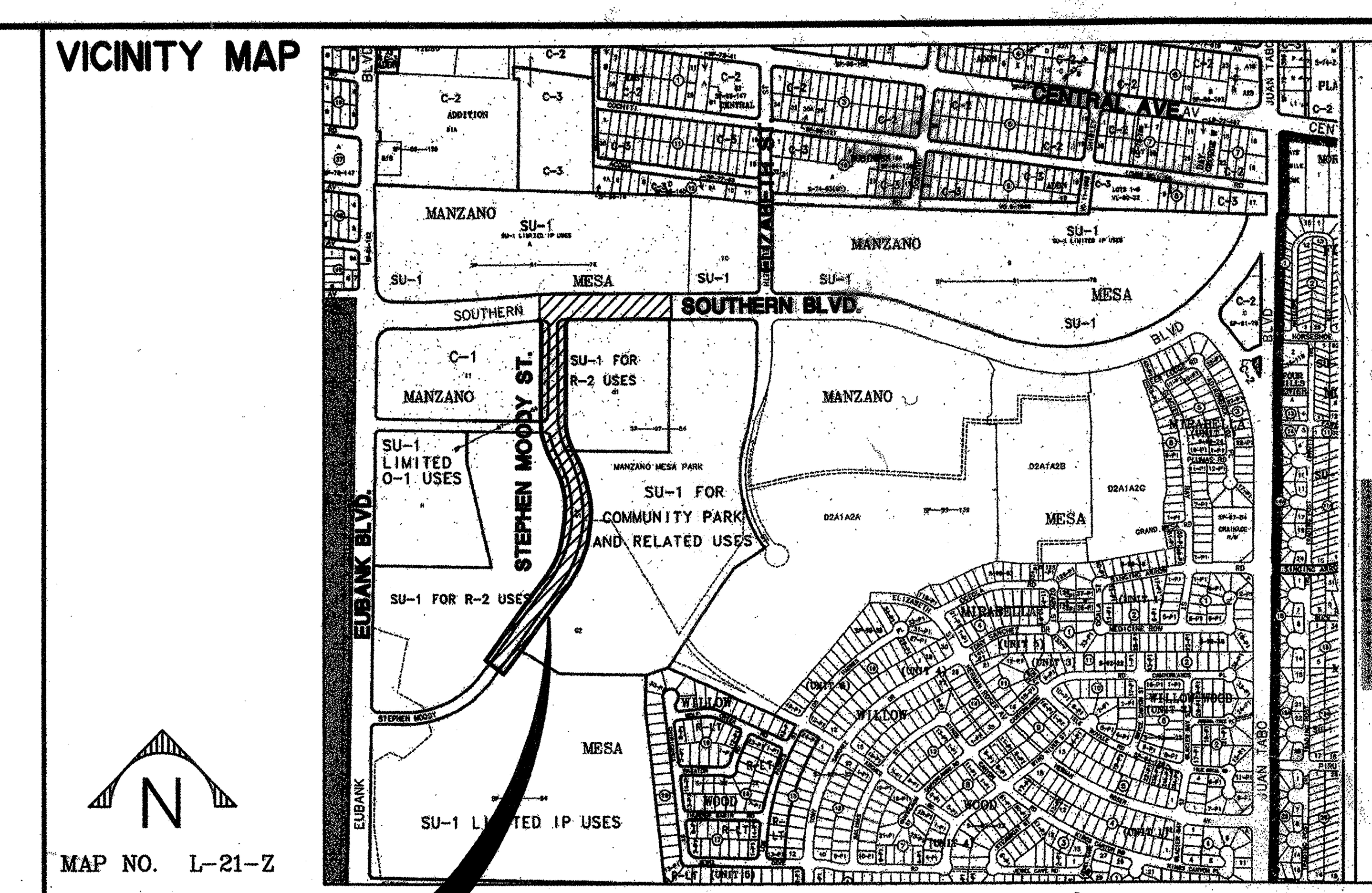
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
PLANS FOR CONSTRUCTION
FOR
STEPHEN MOODY STREET and SOUTHERN BOULEVARD STREET IMPROVEMENTS

FROM STEPHEN MOODY STREET TO SOUTHERN BOULEVARD

INDEX TO DRAWINGS

SHEET NO.	TITLE	SHEET NO.	TITLE
1	TITLE SHEET, VICINITY MAP, SHEET INDEX	9	STORM DRAIN P & P: SOUTHERN BOULEVARD: STATION 7+45.19 TO STATION 9+50
2	GENERAL NOTES, LEGEND, AND SURVEY CONTROL	9A	PAVING AND STORM DRAIN P & P: SOUTHERN BOULEVARD: STATION 9+50 TO STATION 13+50
3	PAVING P & P: STEPHEN MOODY STREET: STATION 9+00 TO STATION 13+50	10	PAVING P & P: SOUTHERN BOULEVARD: STATION 13+50 TO STATION 16+76.46
4	PAVING P & P: STEPHEN MOODY STREET: STATION 13+50 TO STATION 17+50	10A	TEMPORARY PAVING: SOUTHERN BOULEVARD: STATION 4+93.05 TO STATION 9+93.91
5	PAVING P & P: STEPHEN MOODY STREET: STATION 17+50 TO STATION 21+50	11	PAVING P & P: STEPHEN MOODY STREET PARKING LOT
6	PAVING P & P: STEPHEN MOODY STREET: STATION 21+50 TO STATION 25+50	12	TYPICAL SECTIONS & DETAILS
7	PAVING P & P: STEPHEN MOODY STREET: STATION 25+50 TO STATION 29+50	13	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
8	PAVING P & P: STEPHEN MOODY STREET: STATION 29+50 TO STATION 32+34.06	14	TYPICAL TRAFFIC CONTROL AND SIGNING

VICINITY MAP



PROJECT LOCATION

UTILITY COMPANY CONTACTS

PNM-ELECTRIC
WARREN ARTHUR
Engineering Representative III
4201 Edith Blvd., NE
Albuquerque, New Mexico 87107
(505) 241-3490

AT&T
DAVID CROWEL
Resource Supervisor
111 Third ST., NW
Albuquerque, New Mexico 87103
(505) 842-2911

QWEST/US WEST
DAVID MULLER
Capacity Provisioning Specialist
(505) 245-8706
201 3rd Street NW, Suite 700
Albuquerque, New Mexico 87102

E-SPIRE (ACSI)
JOHN MARES
505 Marquette NE, Suite 1605
Albuquerque, New Mexico 87102
(505) 998-2274

BROOKS/MCI WORLDCOM
ANDY DARNELL
Operation Manager
3700 Singer Blvd. NE, Suite A
Albuquerque, NM 87109
(505) 346-4476

TIME WARNER TELECOM
ROYAL HARRISON
Plant Manager
3830 Singer Blvd. NE, Suite 1000
Albuquerque, NM 87109
(505) 938-7339

PNM-GAS CO.
KELLY BOUSKA
Design Engineer
4625 Edith Blvd., NE
Albuquerque, New Mexico 87107
(505) 241-7752

COMCAST CABLE
RITA ERICKSON
Planning and Design Supervisor
4611 Montbel Pl., NE
Albuquerque, New Mexico 87107
(505) 761-6235

CITY OF ALBUQUERQUE (WATER & SEWER)
GREG OLSON
PWD/Utility Development
P.O. Box 1293
Albuquerque, New Mexico 87103
(505) 768-2719

McLeodUSA
RICK MUELLER
Supervisor of Outside Techs.
505 Marquette NE, Suite 1600
Albuquerque, New Mexico 87102
(505) 244-3161

PATHNET
LOIS MEEKS
Right-of-Way & Licensing
1661 Gateway Blvd.
Richardson, Texas 75080
(972) 944-7114

GENUITY
DENNIS PAULSON
Manager
OSP Engineering
5221 North O'Connor MC: HQLIIA22
Irving, Texas 75039
(972) 791-3277

CALL BEFORE YOU DIG!
STATEWIDE 1-800-321-ALERT
ALBUQUERQUE 260-1990

SEC JOB # 1
Smith Engineering Co
A Full Service Engineering Co

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE
PATRICK J. CONLEY — NEW MEXICO — 10141 — REGISTERED PROFESSIONAL ENGINEER
1/21/02

APPROVED	ENGINEER	DATE
DRC Chairman	[signature]	2-5-02
Transportation	[signature]	1-25-02
Water/Wastewater	[signature]	1-23-02
Hydrology	[signature]	1-22-02
Parks		
Constr. Coord.	[signature]	2-5-02

PROJECT NUMBER **6702.91**

Z:\CIV_Sub\1001\Stephen Moody\001cover.dwg Thu Jan 17 13:33:16 2002 J. ALLEN BOLINGER

1 FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY CONSTRUCTION COORDINATION DIVISION. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.

2 THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE CITY SURVEY SECTION MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR WILL NOTIFY THE ENGINEER IF A MONUMENT IS DISTURBED. REPLACEMENT WILL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION AT THE CONTRACTOR'S EXPENSE. WHEN A CHANGE IS MADE IN THE FINISHED ELEV. OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR WILL, AT HIS OWN EXPENSE, HAVE THE CITY SURVEY SECTION ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF SPECIFICATIONS.

3 THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1994 EDITION, UPDATE NO.6.

4 ALL NEW MANHOLES SHALL BE TYPE "E" (COA DWG. 2102) UNLESS OTHERWISE NOTED ON THE PLANS.

5 THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.

6 ALL WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.

7 SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.

8 THE CONTRACTOR WILL REPLACE ANY STRIPPING THAT HAS BEEN RUINED OR REMOVED IN THE COURSE OF CONSTRUCTION.

9 ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

10 ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.

11 THE CONTRACTOR IS TO EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT WILL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. SEE SECTION 18 "UTILITIES", CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS.

12 WHEN ABUTTING NEW PAVEMENT TO EXISTING INTERSECTING STREETS, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AND AT RIGHT ANGLES AND REMOVE ANY BROKEN OR CRACKED PAVEMENT. NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING.

13 ALL GAS VALVES, GAS MANHOLES, ELECTRICAL MANHOLES, TELEPHONE MANHOLES, AND UTILITY POLES WILL BE ADJUSTED TO GRADE BY EACH UTILITY COMPANY. CONTRACTOR WILL COORDINATE THROUGH CITY UTILITY COORDINATOR.

14 WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE DIRECTED BY THE CITY FIELD ENGINEER.

15 THE CONTRACTOR WILL NOTIFY THE NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.

16 CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE CITY AT ALL TIMES.

17 CONTRACTOR WILL PLACE BITUMINOUS MATERIAL WITH THE USE OF A LAYDOWN MACHINE WHERE PAVEMENT IS 8 FEET IN WIDTH OR WIDER.

18 ALL SUBGRADE AND SUBBASE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT THAT IS DETERMINED BY THE FIELD ENGINEER TO MEET THE SPECIFICATIONS, CAN BE REUSED. HOWEVER, THE MATERIAL WILL BE PROCESSED AND COMPACTED TO MEET MOISTURE CONTENT AND PERCENT COMPACTION REQUIRED BY THE SPECIFICATIONS.

19 CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, ETC. WITHOUT PRIOR APPROVAL FROM THE CITY FIELD ENGINEER.

20 CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY, OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO THE CITY OF ALBUQUERQUE.

21 ALL WATER VALVES AND FIRE HYDRANTS REMOVED TO BE SALVAGED AND RETURNED TO THE C.O.A.

22 MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 16 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.

23 MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.

24 THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GUARD FENCES, WALKS AND BRIDGES.

25 ALL STRUCTURAL CONCRETE WILL BE 4000 PSI UNLESS OTHERWISE NOTED ON PLANS.

26 ALL REINFORCING STEEL WILL BE GRADE 60.

27 ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.

28 ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.

29 PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE CITY FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

30 THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE.

31 TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE CITY FIELD ENGINEER.

32 THE CONTRACTOR WILL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION 857-8025, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

33 ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.

34 PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

35 ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE CITY FIELD ENGINEER.

36 THE CONTRACTOR WILL COORDINATE THE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS. A CONTRACT EXTENSION MAY BE ALLOWED AS DELINEATED IN CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

37 ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CITY OF ALBUQUERQUE PRIOR TO THE BEGINNING OF CONSTRUCTION.

38 EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE CITY FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.

39 ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS WILL BE FURNISHED BY THE CONTRACTOR AND WILL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 OF THE SPECIFICATIONS.

40 ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS, WILL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES AND THESE SHORING, SHEETING, AND SUPPORTS ARE CONSIDERED INCIDENTAL TO THIS PROJECT. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS WILL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES WHICH CROSS THE TRENCH. ANY DAMAGE TO EXISTING UTILITIES WILL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.

41 THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING COA INFRASTRUCTURE (C & G, PAVING, ETC.) DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND WILL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE WILL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND WILL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.

42 ALL INTERFERING PORTIONS OF ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

43 STATIONS OF STORM DRAIN INLETS ARE TO THE CENTER OF GRATE. ALL STORM DRAIN INLETS WILL BE TYPE "A" UNLESS OTHERWISE NOTED ON THE PLANS.

44 SHORING COSTS WILL BE CONSIDERED INCIDENTAL TO THE TRENCH AND BACKFILL COSTS.

45 THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED BY APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.

46 ALL STORM DRAIN AND CONNECTOR PIPE WILL BE CLASS IV REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON THE PLANS.

47 THE TERM REMOVE USED IN THIS PLAN SET INCLUDES THE DISPOSAL OF SAID MATERIAL IN ACCORDANCE WITH CITY OF ALBUQUERQUE SPECIFICATIONS, LATEST EDITION.

48 CONTRACTOR WILL SURVEY AND LOG EXISTING ELEVATIONS OF CURB-AND-GUTTER, SIDEWALK, AND PAVEMENT WHICH WILL BE REMOVED FOR CONSTRUCTION OF IMPROVEMENTS. CONTRACTOR WILL REPLACE REMOVED CURB-AND-GUTTER, SIDEWALK, DRIVE PADS, AND PAVEMENT TO ELEVATIONS PRIOR TO REMOVAL UNLESS OTHERWISE INDICATED ON THE PLANS.

49 CONTRACTOR WILL CONSTRUCT TEMPORARY ASPHALT PAVEMENT AS DIRECTED BY THE COA ENGINEER TO PROVIDE ACCESS TO LOCAL BUSINESS, ETC. TEMPORARY PAVEMENT SHALL BE REMOVED AND DISPOSED OF PRIOR TO PLACEMENT OF FULL WIDTH PAVEMENT SECTION. TEMPORARY PAVING SHALL BE PER COA STD. DWG. 2415 AND PAID FOR PER COA STD. SPECIFICATIONS.

50 ALL CLASSES OF SEEDING SHALL BE DRY LAND MIX PLACED AT 1.5 LBS/1000 S.F. WITH FERTILIZER 21-12-12 PLACED AT 5 LBS/1000 S.F.

51 ALL ASPHALTIC CONCRETE SHALL BE MINIMUM 1800 LB. STABILITY AND COMPACTED TO 95% MODIFIED MARSHALL DENSITY UNLESS OTHERWISE NOTED ON THE PLANS.

52 ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOUR CONSTRUCTION.

53 ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

54 THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO INITATE IMPLEMENTATION OF THE NON-PRESSURIZED CONNECTION PLAN. SEE THE WATER SHUT-OFF PLAN ON SHEET 13 FOR A LIST OF VALVES THAT MUST BE CLOSED BY WATER SYSTEMS PERSONNEL.

55 FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

56 CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

EXISTING FEATURES LEGEND:

- EXISTING WOOD POST FENCE
- EXISTING CHAIN-LINK FENCE
- 2" HPG GV — EXISTING GAS LINE W/ VALVE
- 6" W WV — EXISTING WATERLINE W/ VALVE
- EXISTING WATERLINE METER
- EXISTING FIRE HYDRANT
- 8" SAS — EXISTING SANITARY SEWER LINE W/ MANHOLE
- 36" RCP — EXISTING STORM DRAIN
- OHE — EXISTING OVERHEAD ELECTRIC W/POLE
- UE — EXISTING UNDERGROUND ELECTRIC
- 44 — EXISTING 1' CONTOUR
- 4945 — EXISTING 5' CONTOUR
- EXISTING CURB & GUTTER
- EXISTING CONCRETE
- EXISTING BUILDING LINE
- EXISTING EASEMENT LINE
- S — EXISTING SPRINKLER HEAD

NEW FEATURES LEGEND:

- CONSTRUCTION CENTERLINE
- NEW CHAIN-LINK FENCE
- 2" HPG GV — NEW GAS LINE W/ VALVE
- 6" W WV — NEW WATERLINE W/ VALVE
- NEW WATERLINE METER
- NEW FIRE HYDRANT
- 6" SAS — NEW SANITARY SEWER LINE W/ MANHOLE
- 36" RCP — NEW STORM DRAIN W/ MH
- NEW UTILITY POLE
- 44 — NEW 1' CONTOUR
- 4945 — NEW 5' CONTOUR
- NEW CURB & GUTTER
- NEW CONCRETE
- NEW EASEMENT LINE
- 1 — POT HOLE LOCATION W/ NO.
- NEW EDGE OF PAVEMENT

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF
ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.999864527

AS BUILT INFORMATION
CONTRACTOR Candelaria DATE 7-02
WORK STAKED BY COA DATE 7-02
ASBUILTS BY S. Moya DATE 7-02
FIELD VERIFICATION BY S. Moya DATE 7-02
DRAWINGS CORRECTED BY COA DATE 7-02
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEERS SEAL
PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER
1/29/02

NO.	DATE	REMARKS / REVISIONS	BY	DATE
		DESIGN		11/01
		DESIGNED BY	PJC	
		DRAWN BY	BG, ED	
		CHECKED BY	PJC	

100108A
Smith Engineering Company
A Full Service Engineering Company
5400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

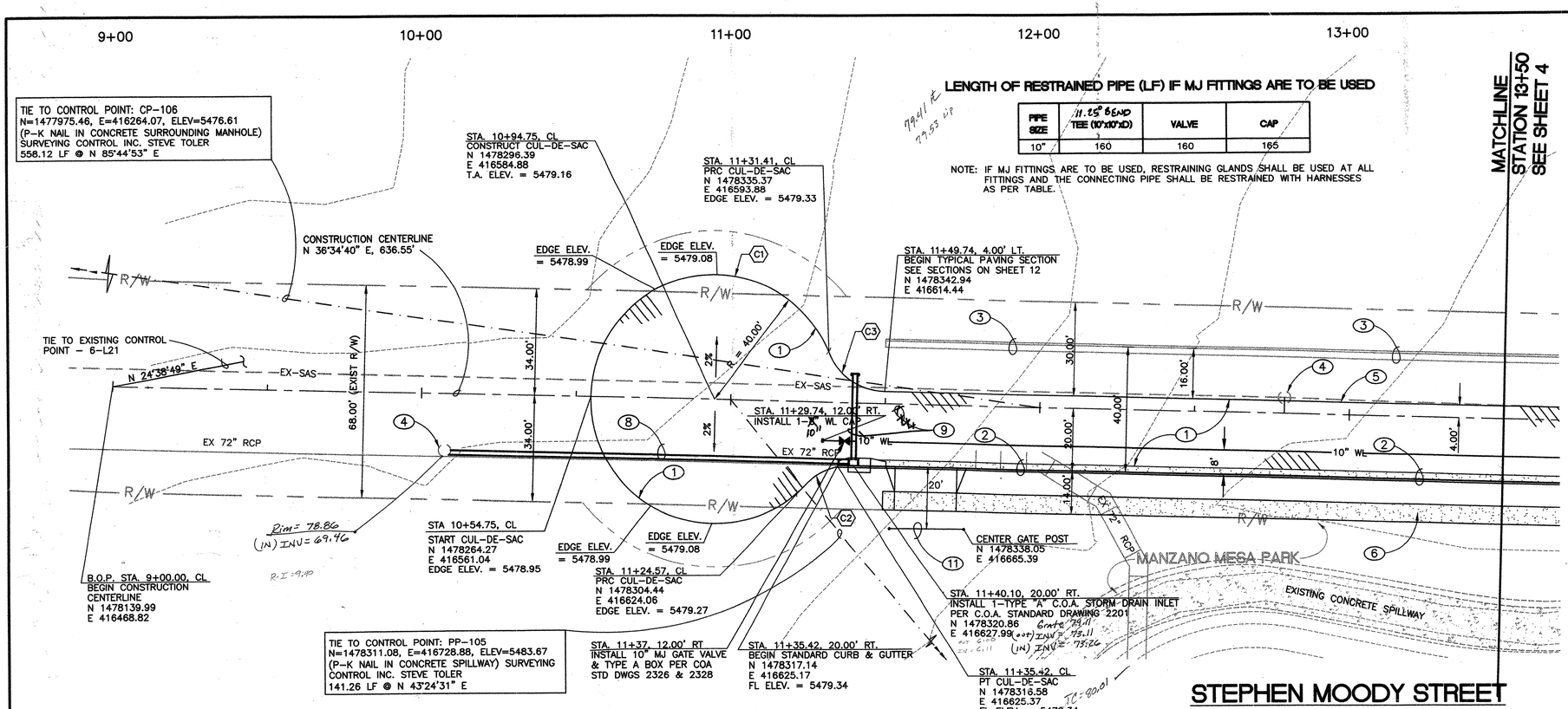
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
GENERAL NOTES, LEGEND, AND SURVEY CONTROL

Design Review Committee: APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER
Last Design Update: No. / Day / Yr. | No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 2 Of 14

Z:\Civ_Cadd\100108\Stephen Moody\002notes.dwg Thu Jan 17 13:35:28 2002 J. ALLEN BOLINGER



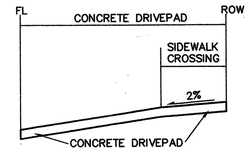
LENGTH OF RESTRAINED PIPE (LF) IF MJ FITTINGS ARE TO BE USED

PIPE SIZE	11.25° BEND TEE (10"x10"xD)	VALVE	CAP
10"	160	160	165

NOTE: IF MJ FITTINGS ARE TO BE USED, RESTRAINING GLANDS SHALL BE USED AT ALL FITTINGS AND THE CONNECTING PIPE SHALL BE RESTRAINED WITH HARNESSES AS PER TABLE.

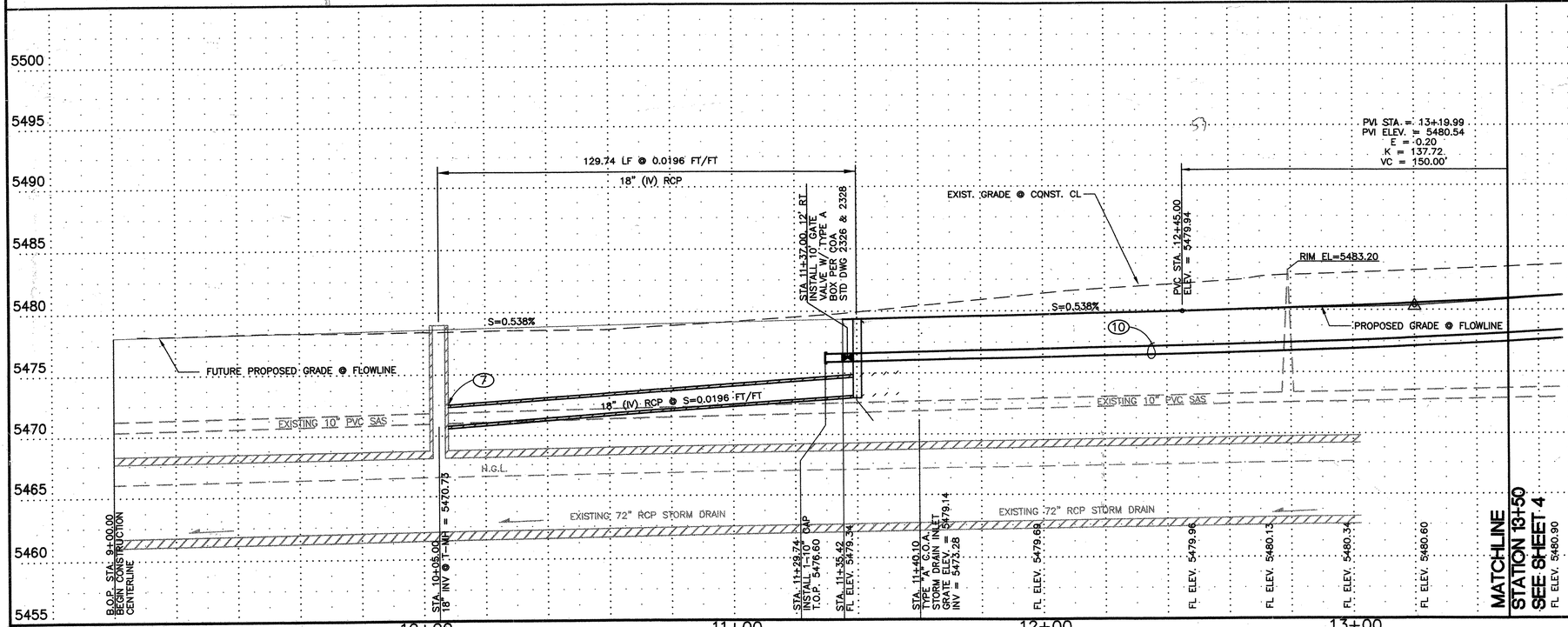
KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT- SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. ADJUST EXISTING RIM TO NEW GRADE.
5. EDGE OF NEW PAVEMENT.
6. 6' WIDE CONCRETE SIDEWALK.
7. CONNECT NEW 18" RCP STORM DRAIN TO EXISTING "T"-MH. FIELD ADJUST 18" INVERT AT "T"-MH SUCH THAT 18" STORM DRAIN IS CENTERED IN EXISTING RISER. ADJUSTMENT SHALL BE DOWN SO THAT PIPE SLOPE IS INCREASED. PLACE PCC COLLAR AROUND 18" CONNECTION TO THE "T"-MH.
8. INSTALL 149.74 LF OF 18" (IV) RCP @ S=0.017 FT/FT.
9. INSTALL 30 LF OF 18" (IV) RCP @ S=0.005 FT/FT AND RCP PLUG. INVERT AT END OF 18" RCP = 5473.43.
10. NEW 10" PVC WATERLINE. MINIMUM 3' OF COVER TO TOP OF PIPE.
11. INSTALL TWO 12' PIPE GATES, PER MODIFIED C.O.A. STD. DWG. 2251. DETAIL 4, THE LOCKING BOX ASSEMBLE TYPICALLY ATTACHED TO STATIONARY POST, SHALL BE MODIFY TO BE WELDED TO END OF THE GATE. SECOND GATE TO HAVE TYPICAL GATE LOCKING ASSEMBLE END. CONTRACTOR SHALL INSTALL GATES TO SWING IN FROM STREET AND HAVE GATE ENDS WITH LOCKING ASSEMBLES MEET AT CENTERLINE OF DRIVEWAY AND BE PROPERLY ALIGNED FOR LOCKING AND UNLOCKING.
12. CONSTRUCT 20' WIDE CONCRETE DRIVEPAD PER C.O.A. STD. DWG. 2425. SEE DETAIL BELOW FOR CROSS SLOPE AT SIDEWALK CROSSING.



CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C1	294°36'41"	40.00'	-25.67'	205.68'
C2	35°31'31"	20.00'	8.94'	12.40'
C3	66°25'19"	20.00'	13.09'	23.19'



Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

100108A

Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS

PAVING P&P: STEPHEN MOODY STA. 9+00 TO STA. 13+50

Design Review Committee: APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER

Last Design Update

No. / Day / Yr.	No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 3 Of 14

AS BUILT INFORMATION
CONTRACTOR Cordero
WORK PERFORMED BY C.O.A. DATE 7-02
INSPECTOR'S ACCEPTANCE BY S. Moya DATE 7-02
VERIFICATION BY S. Moya DATE 7-02
CORRECTED BY C.O.A. DATE 7-02
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

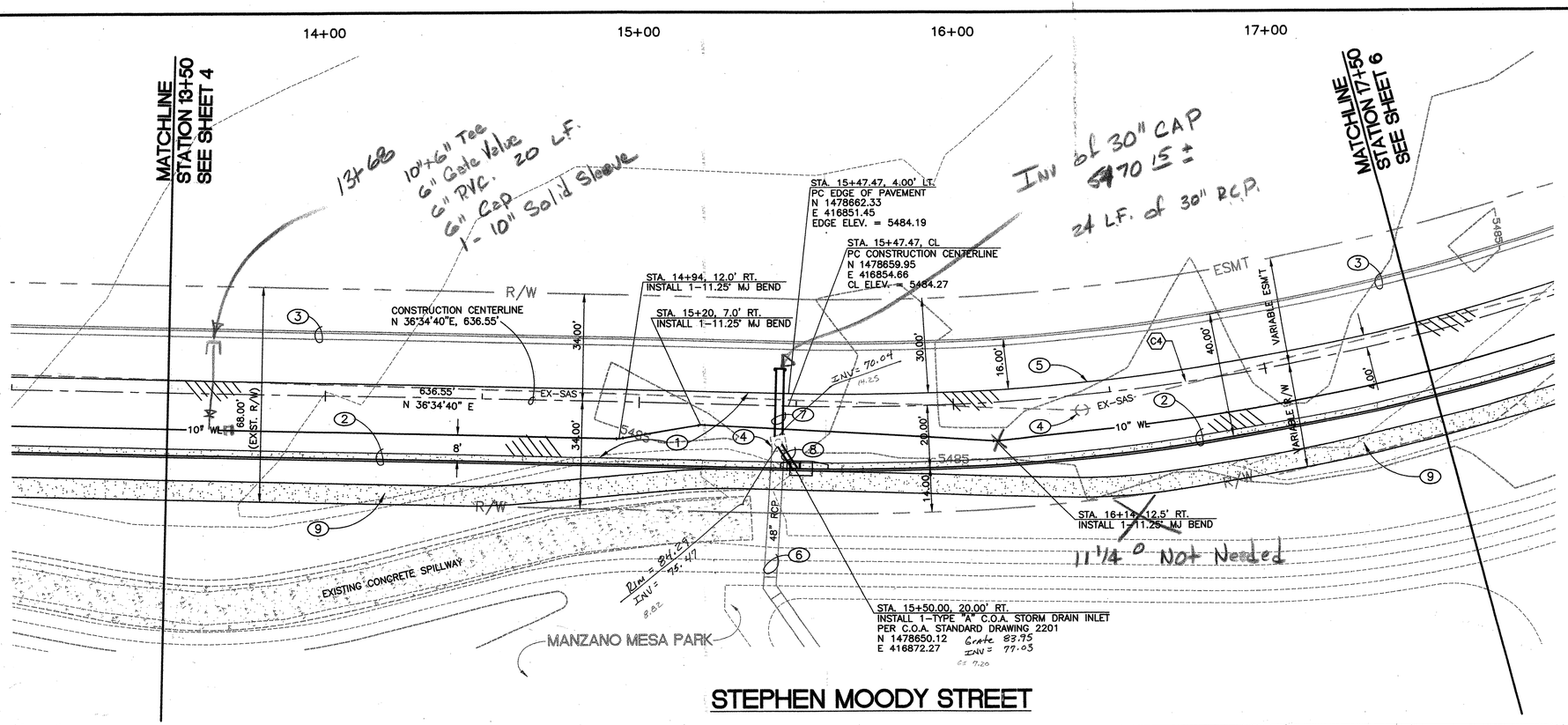
BENCH MARKS
C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL. CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION
FIELD NOTES BY DATE

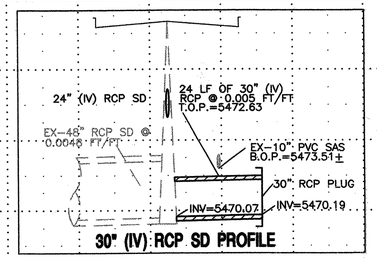
ENGINEER'S SEAL
PATRICK J. COMLEY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 10141
1/21/02

REMARKS
REVISIONS
NO. BY DATE
DESIGNED BY PJC 11/01
DRAWN BY BG, ED DATE 11/01
CHECKED BY PJC DATE 11/01

Z:\Civ_Cadd\100108\Stephen Moody\003Swp.dwg Thu Jan 17 10:58:57 2002 J. ALLEN BOLINGER



STEPHEN MOODY STREET



30" (IV) RCP SD PROFILE

KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. ADJUST EXISTING RIM TO NEW GRADE.
5. EDGE OF NEW PAVEMENT
6. EXISTING 48" RCP STORM DRAIN PIPE.
7. INSTALL 24 LF OF 30" (IV) RCP @ S=0.005 FT/FT AND 30" RCP PLUG. INVERT AT END OF 30" RCP = 5470.19.
8. INSTALL 9.65 LF OF 24" (IV) RCP @ S=0.010 FT/FT.
9. 6' WIDE CONCRETE SIDEWALK.
10. NEW 10" PVC WATERLINE. MINIMUM 3' OF COVER TO TOP OF PIPE.

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C4	63°47'38"	740.00'	460.56'	823.93'
C5	NOT USED	–	–	–

20' 10' 0 20' 40'
Horizontal Scale: 1"=20'

5' 2.5' 0 5' 10'
Vertical Scale: 1" = 5'

100108A
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
PAVING P&P: STEPHEN MOODY STA. 13+50 TO STA. 17+50

Design Review Committee: APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER
Last Design Update

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 4 Of 14

AS BUILT INFORMATION
CONTRACTOR Unidyne DATE 7-02
WORK VERIFIED BY CoA DATE 9-02
INSPECTOR'S ACCEPTANCE BY S.Moya DATE 9-02
FIELD VERIFICATION BY S.Moya DATE CoA 9-02.
CORRECTED BY CoA DATE 9-02.
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

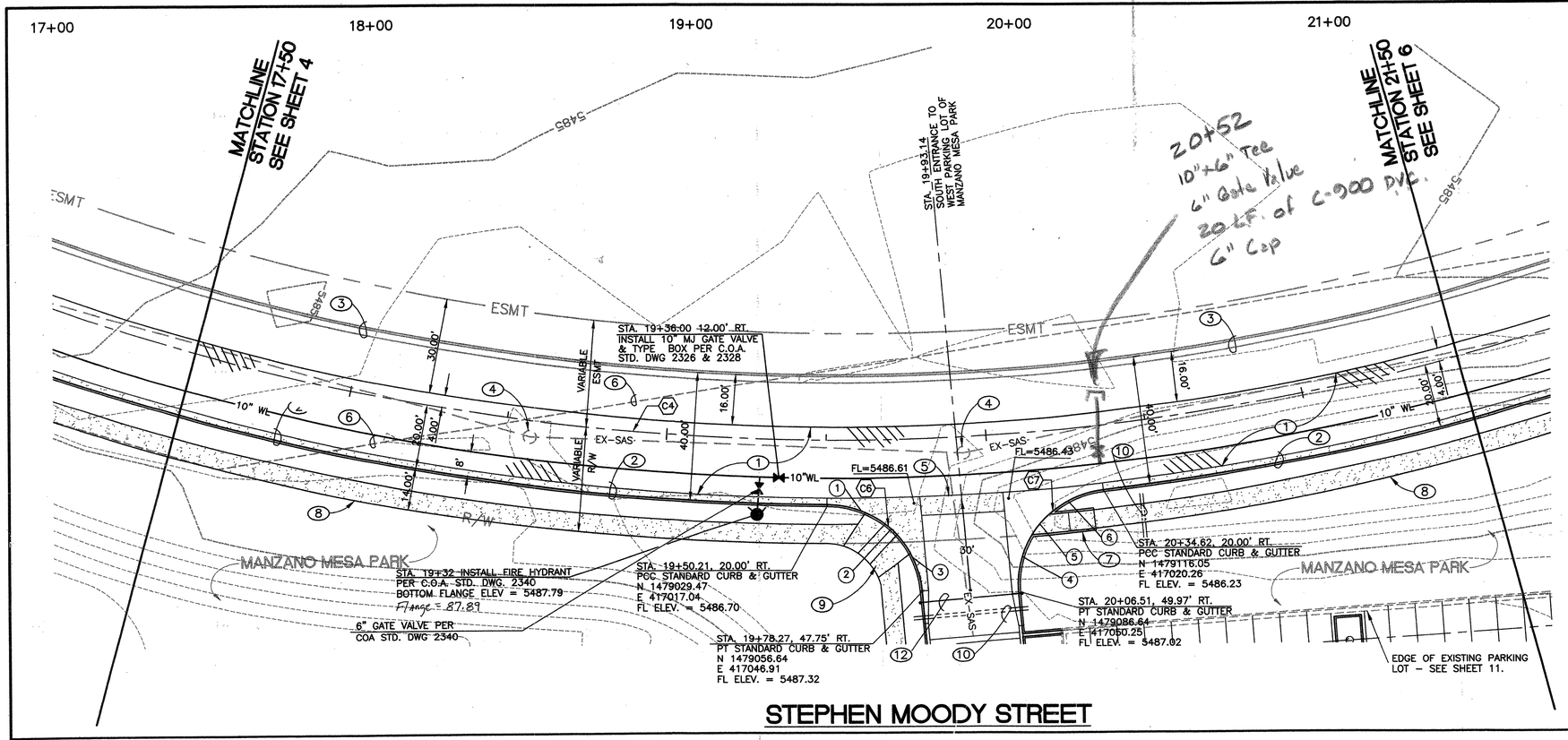
BENCH MARKS
C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

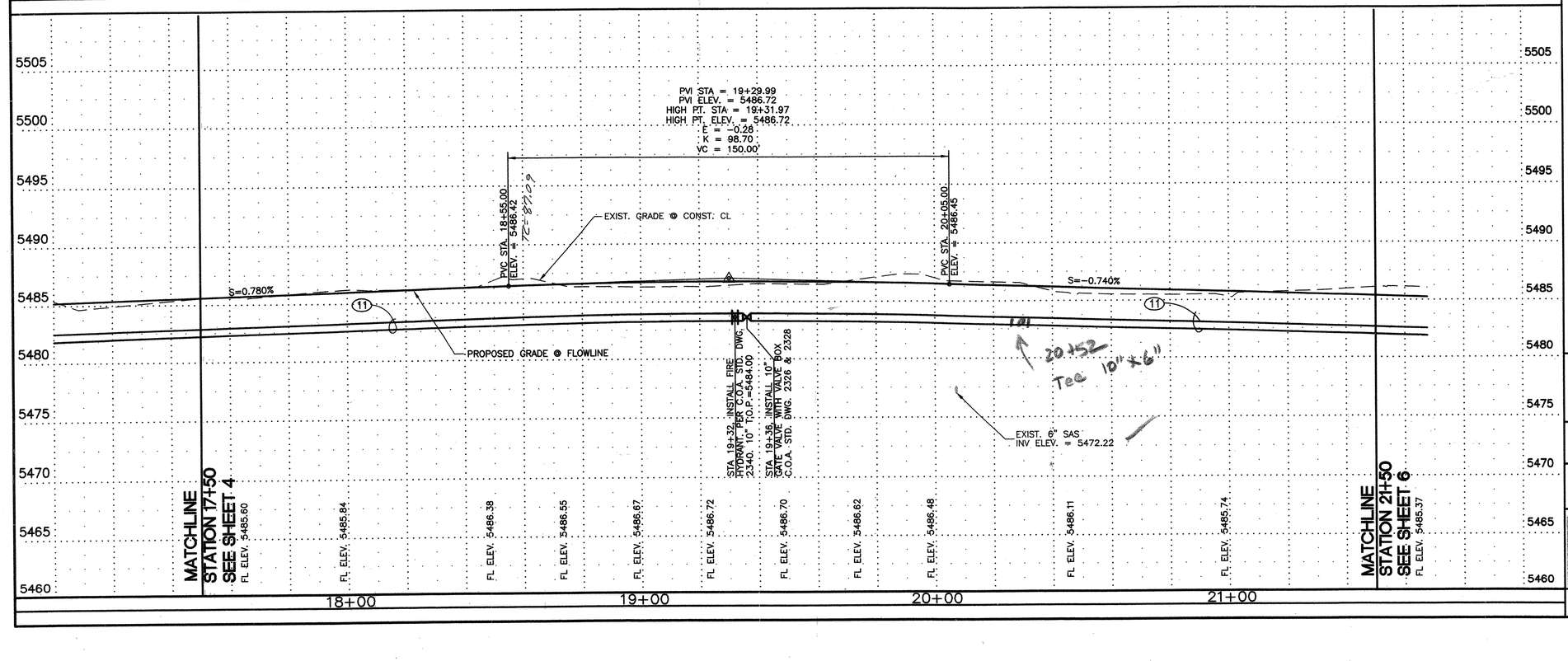
REMARKS
REVISIONS
NO. | DATE | DESIGNED BY PJC 11/01 | DRAWN BY BG, ED 11/01 | CHECKED BY PJC 11/01

ENGINEER'S SEAL
PATRICK J. CONLEY NEW MEXICO 10161 REGISTERED PROFESSIONAL ENGINEER
11/2/02

Z:\Civ_Cadd\100108\Stephen Moody\0045spp.dwg Wed Jan 16 10:49:11 2002 J. ALLEN BOLINGER



STEPHEN MOODY STREET



KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. ADJUST EXISTING RIM TO NEW GRADE.
5. CONSTRUCT NEW 6' WIDE CONCRETE VALLEY GUTTER PER C.O.A. STANDARD DRAWING 2420.
6. REMOVE AND DISPOSE OF EXISTING FENCE.
7. NEW WHEELCHAIR RAMP TO BE CONSTRUCTED PER C.O.A. STANDARD DRAWINGS 2426.
8. 6' WIDE CONCRETE SIDEWALK.
9. NEW WHEELCHAIR RAMP TO BE CONSTRUCTED PER C.O.A. STANDARD DRAWINGS 2441, CASE II.
10. INSTALL TWO 2" PVC IRRIGATION PIPES & SLEEVES, DEPTH OF BURY IS 30" FROM PROPOSED FINISH GRADE.
11. NEW 10" PVC WATERLINE. MINIMUM 3' OF COVER TO TOP OF PIPE.
12. INSTALL TWO 16' PIPE GATES, PER MODIFIED C.O.A. STD. DWG. 2251. POST FOUNDATION MODIFIED TO HAVE A MINIMUM DEPTH OF 4' AND A MINIMUM WIDTH OF 1'. GATE LENGTH MODIFIED TO A MAX LENGTH OF 16' BY EXTEND TOP AND BOTTOM CHORDS 4'. DETAIL 4, THE LOCKING BOX ASSEMBLE TYPICALLY ATTACHED TO STATIONARY POST, SHALL BE MODIFY TO BE WELDED TO END OF THE GATE. SECOND GATE TO HAVE TYPICAL GATE LOCKING ASSEMBLE END. CONTRACTOR SHALL INSTALL GATES TO SWING IN FROM STREET AND HAVE GATE ENDS WITH LOCKING ASSEMBLES MEET AT CENTERLING OF DRIVEWAY AND BE PROPERLY ALIGNED FOR LOCKING AND UNLOCKING.

CURB RETURN DATA

POINT NO.	TOP OF CURB	FLOW LINE
1	5487.53	5486.86
2	5487.02	5487.02
3	5487.84	5487.17
4	5487.49	5486.82
5	5486.62	5486.62
6	5487.10	5486.43

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C4	63°47'38"	740.00'	460.56'	823.93'
C6	84°36'17"	30.00'	27.30'	44.30'
C7	88°51'35"	30.00'	29.41'	46.53'

N

Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL. CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

AS BUILT INFORMATION
CONTRACTOR
SIGNED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
VERIFICATION BY DATE
CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEERS SEAL
PATRICK J. CONLEY NEW MEXICO 14009 REGISTERED PROFESSIONAL ENGINEER
1/21/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PJC 11/01
DRAWN BY BG, ED 11/01
CHECKED BY PJC 11/01

100108A
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 600E Albuquerque, New Mexico 87110

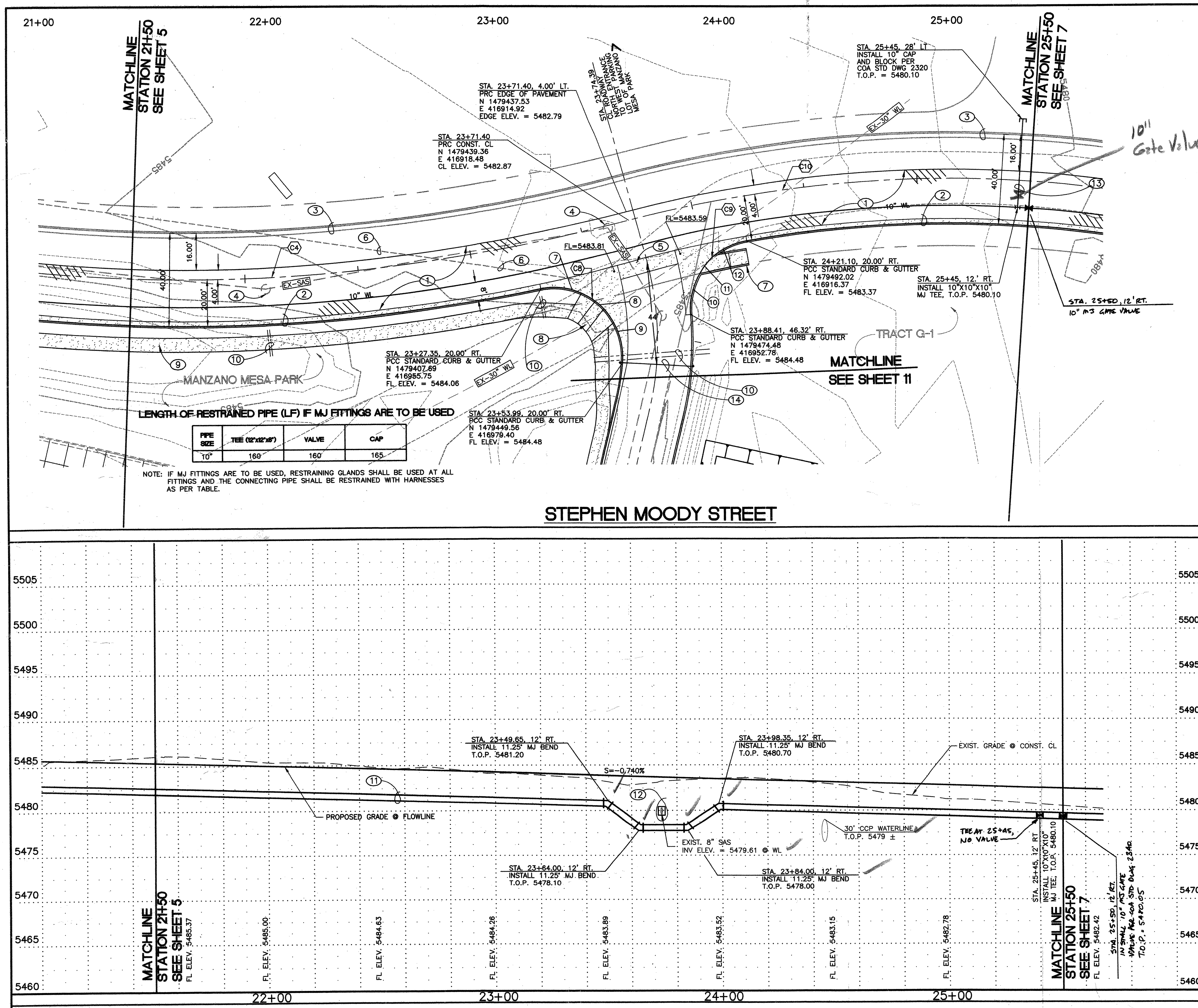
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
PAVING P & P: STEPHEN MOODY STREET: STA. 17+50 TO STA. 21+50

Design Review Committee: APPROVED FEB - 5 2002 CITY ENGINEER
City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER
Last Design Update
No. / Day / Yr.
No. / Day / Yr.

City Project No. 6702.91
Zone Map No. L-21
Sheet 5 Of 14

Z:\Civ_Cadd\100108\Stephen Moody\0055app.dwg Thu Jan 17 11:26:28 2002 J. ALLEN BOLINGER



LENGTH OF RESTRAINED PIPE (LF) IF MJ FITTINGS ARE TO BE USED

PIPE SIZE	TEE (12"x12"x8")	VALVE	CAP
10"	160	160	165

NOTE: IF MJ FITTINGS ARE TO BE USED, RESTRAINING GLANDS SHALL BE USED AT ALL FITTINGS AND THE CONNECTING PIPE SHALL BE RESTRAINED WITH HARNESSES AS PER TABLE.

KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. ADJUST EXISTING RIM TO NEW GRADE.
5. CONSTRUCT NEW 6' WIDE CONCRETE VALLEY GUTTER PER C.O.A. STANDARD DRAWING 2420.
6. REMOVE AND DISPOSE OF EXISTING FENCE.
7. NEW WHEELCHAIR RAMP TO BE CONSTRUCTED PER C.O.A. STANDARD DRAWINGS 2426.
8. NEW WHEELCHAIR RAMP TO BE CONSTRUCTED PER C.O.A. STANDARD DRAWINGS 2441, CASE II.
9. 6' WIDE CONCRETE SIDEWALK.
10. INSTALL TWO 2" PVC IRRIGATION PIPES & SLEEVES, DEPTH OF BURY IS 30" FROM PROPOSED FINISH GRADE.
11. NEW 10" PVC WATERLINE. MINIMUM 3' OF COVER TO TOP OF PIPE.
12. CONCRETE ENCASE EXISTING 8" SAS PER C.O.A. STD. DWG. 2140.
13. INSTALL 40 LF 10" PVC WATERLINE
14. INSTALL TWO 16' PIPE GATES, PER MODIFIED C.O.A. STD. DWG. 2251. POST FOUNDATION MODIFIED TO HAVE A MINIMUM DEPTH OF 4' AND A MINIMUM WIDTH OF 1'. GATE LENGTH MODIFIED TO A MAX LENGTH OF 16' BY EXTEND TOP AND BOTTOM CHORDS 4'. DETAIL 4, THE LOCKING BOX ASSEMBLE TYPICALLY ATTACHED TO STATIONARY POST, SHALL BE MODIFY TO BE WELDED TO END OF THE GATE. SECOND GATE TO HAVE TYPICAL GATE LOCKING ASSEMBLE END. CONTRACTOR SHALL INSTALL GATES TO SWING IN FROM STREET AND HAVE GATE ENDS WITH LOCKING ASSEMBLES MEET AT CENTERLING OF DRIVEWAY AND BE PROPERLY ALIGNED FOR LOCKING AND UNLOCKING.

CURB RETURN DATA

POINT NO.	TOP OF CURB	FLOW LINE
7	5484.83	5484.16
8	5484.27	5484.27
9	5484.05	5484.38
10	5484.87	5484.20
11	5483.92	5483.92
12	5484.32	5483.65

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C4	63°47'38"	740.00'	460.56'	823.93'
C8	106°32'07"	30.00'	40.20'	55.78'
C9	84°41'10"	30.00'	27.34'	44.34'
C10	27°32'57"	540.00'	132.38'	259.65'

N

Horizontal Scale: 1"=20' (20' 10' 0 20' 40')

Vertical Scale: 1" = 5' (5' 2.5' 0 5' 10')

238-1291

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

C.O.A. BENCHMARK "6–L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER

1/21/02

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY PJC DATE 11/01
DRAWN BY BG, ED DATE 11/01
CHECKED BY PJC DATE 11/01

100108A

Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

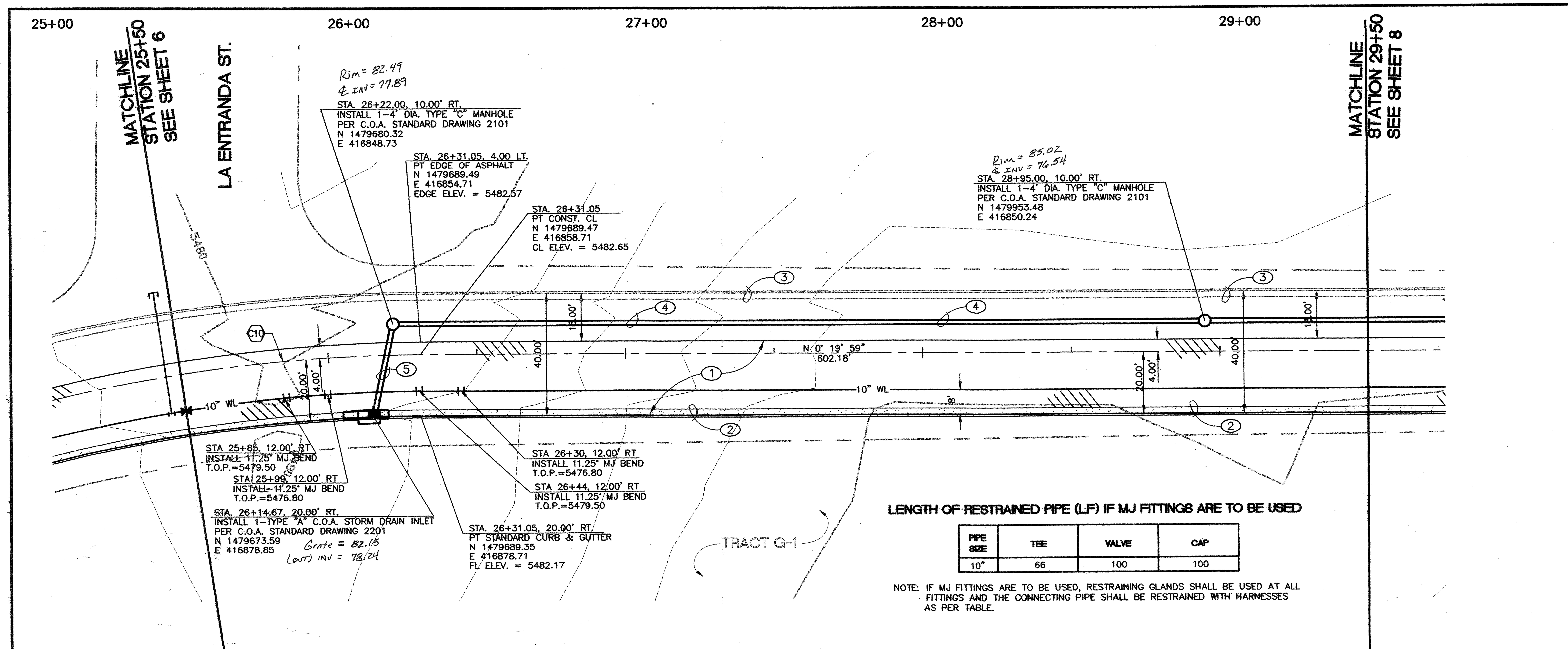
TITLE: **STEPHEN MOODY STREET IMPROVEMENTS**

PAVING P & P: STEPHEN MOODY STREET: STA. 21+50 TO STA. 25+50

Design Review Committee — APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED FEB - 5 2002 CITY ENGINEER
Last Design Update — No. / Day / Yr. — No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 6 Of 14

Z:\Civ_Cadd\100108\Stephen Moody\006Smpp.dwg Thu Jan 17 11:33:32 2002 J. ALLEN BOLINGER

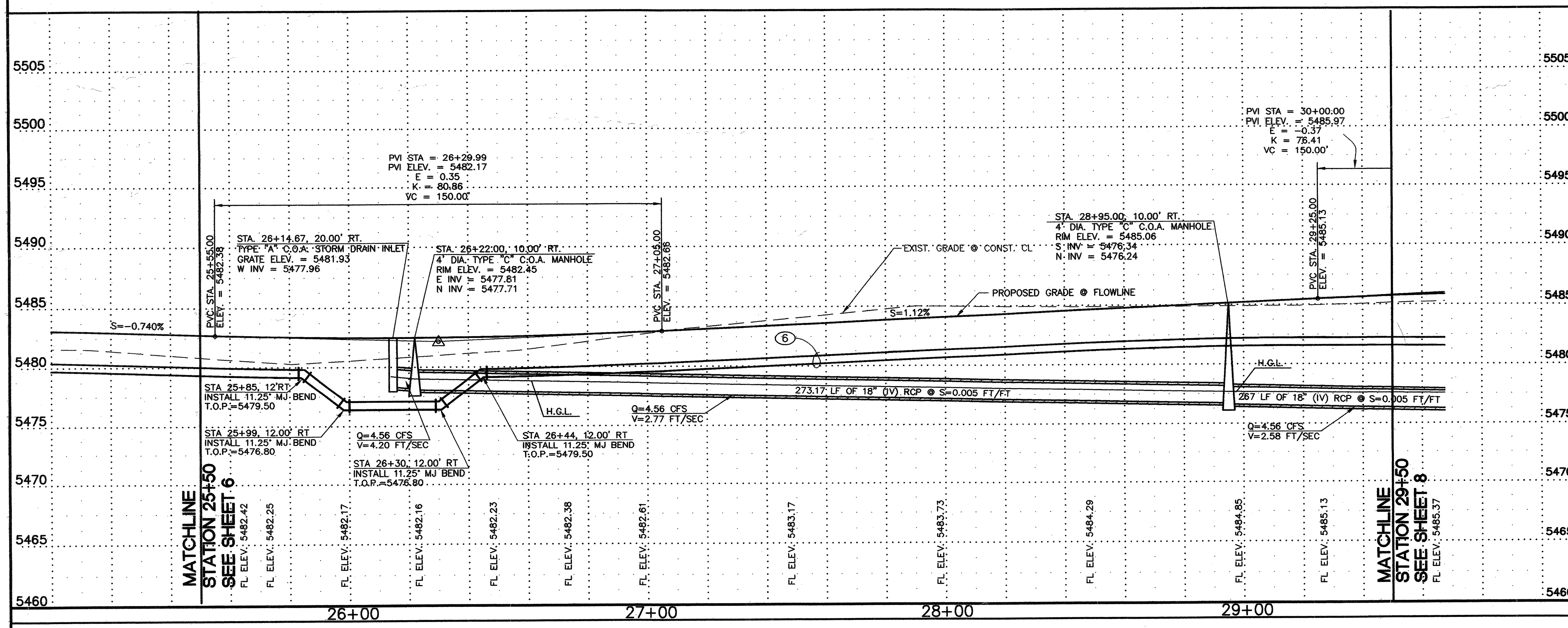


LENGTH OF RESTRAINED PIPE (LF) IF MJ FITTINGS ARE TO BE USED

PIPE SIZE	TEE	VALVE	CAP
10"	66	100	100

NOTE: IF MJ FITTINGS ARE TO BE USED, RESTRAINING GLANDS SHALL BE USED AT ALL FITTINGS AND THE CONNECTING PIPE SHALL BE RESTRAINED WITH HARNESSES AS PER TABLE.

STEPHEN MOODY STREET



KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. INSTALL 273.17 LF OF 18" (IV) RCP @ S=0.005 FT/FT.
5. INSTALL 30.87 LF OF 18" (IV) RCP @ S=0.005 FT/FT.
6. NEW 10" PVC WATERLINE. MINIMUM 3' OF COVER TO TOP OF PIPE.

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C10	27°32'57"	540.00'	132.38'	259.65'

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

PATRICK J. CONLEY — NEW MEXICO — 10141 — REGISTERED PROFESSIONAL ENGINEER
4/15/02

NO.	DATE	REMARKS	BY
1	4/15/02	REVISED ROAD GRADES REPLACES SHEET 7 IN SET (STAMP DATE 1/21/02)	PD

REVISIONS

DESIGN		
DESIGNED BY PJC	DATE 4/02	
DRAWN BY SEC	DATE 4/02	
CHECKED BY PJC	DATE 4/02	

Horizontal Scale: 1"=20' (20' 10' 0 20' 40')
Vertical Scale: 1" = 5' (5' 2.5' 0 5' 10')

100108A
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
PAVING P & P: STEPHEN MOODY STREET: STA. 25+50 TO STA. 29+50

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.

Last Design Update

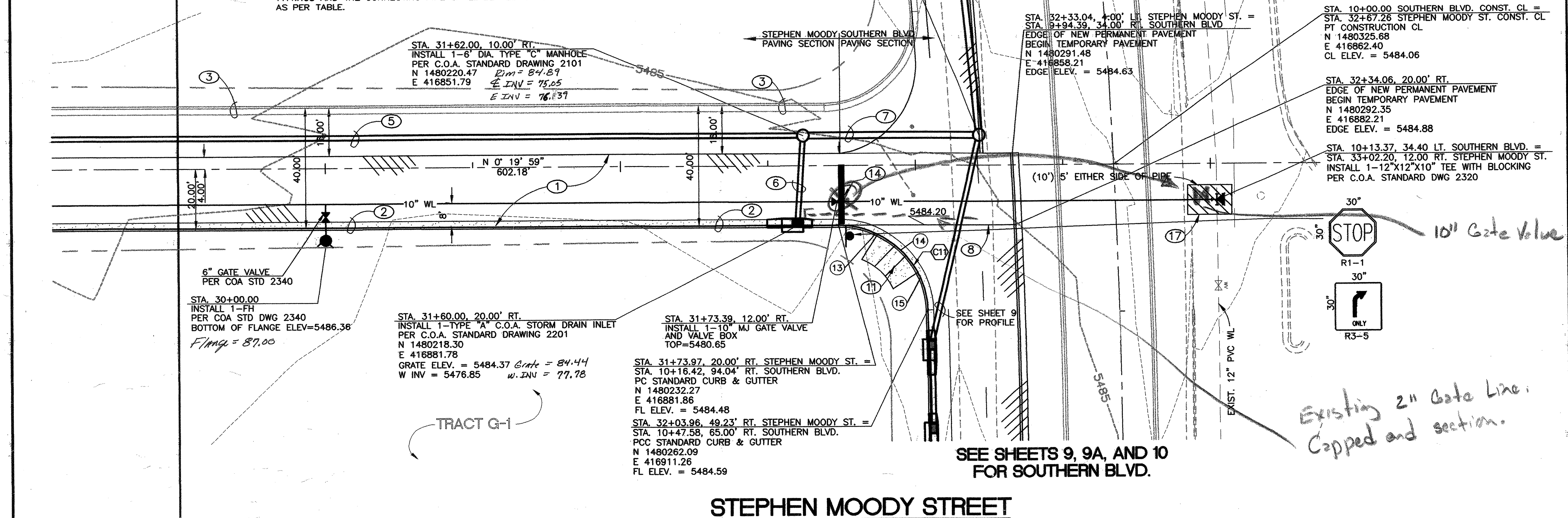
City Project No. 670291 | Zone Map No. L-21 | Sheet 7 Of 14

Z:\Civ_Cadd\100108\STEPHEN MOODY-MOD PROF\007Smpp.dwg Thu Apr 11 16:15:59 2002

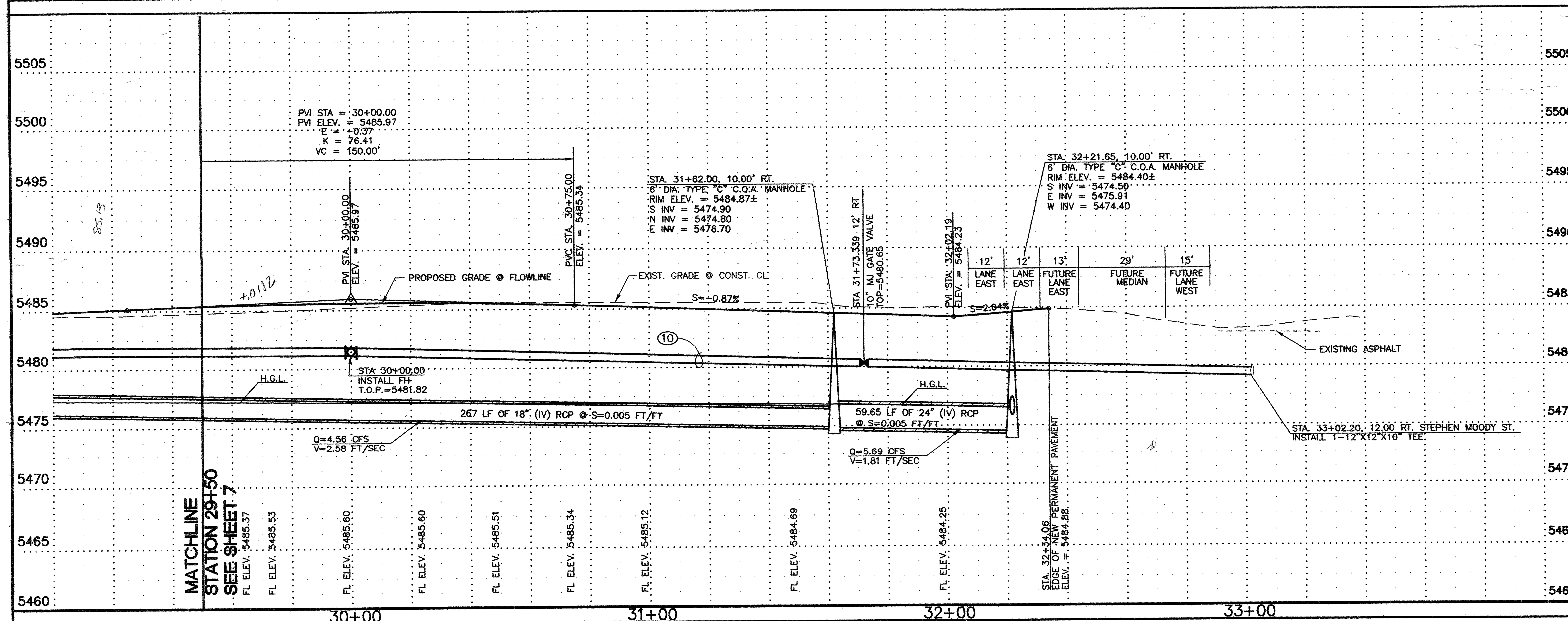
LENGTH OF RESTRAINED PIPE (LF) IF MJ FITTINGS ARE TO BE USED

PIPE SIZE	TEE (12"x12"x8")	VALVE	CAP
10"	160	160	165

NOTE: IF MJ FITTINGS ARE TO BE USED, RESTRAINING GLANDS SHALL BE USED AT ALL FITTINGS AND THE CONNECTING PIPE SHALL BE RESTRAINED WITH HARNESSES AS PER TABLE.



STEPHEN MOODY STREET



◯ KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT—SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. ADJUST EXISTING RIM TO NEW GRADE.
5. INSTALL 267.00 LF OF 18" (IV) RCP @ S=0.005 FT/FT.
6. INSTALL 30.07 LF OF 18" (IV) RCP @ S=0.005 FT/FT.
7. INSTALL 59.65 LF OF 24" (IV) RCP @ S=0.005 FT/FT
8. TEMPORARY PAVEMENT. SEE SHEET 10A.
9. CONSTRUCT STANDARD ASPHALT EXTRUDED CURB PER C.O.A. STANDARD DRAWING 2415.
10. NEW 10" PVC WATERLINE. MINIMUM 3' OF COVER TO TOP OF PIPE.
11. NEW WHEELCHAIR RAMP TO BE CONSTRUCTED PER C.O.A. STANDARD DRAWINGS 2441, CASE II.
12. NOT USED
13. NOT USED
14. INSTALL STOP BAR ON STEPHEN MOODY (24" WHITE STRIPE).
15. EXISTING CURB & GUTTER.
16. NOT USED.
17. PATCH EXISTING ROAD PER C.O.A. STANDARD DRAWING 2465 FOR ARTERIAL STREETS. REPLACE EXISTING CURB ON SOUTH SIDE.

◯ CURB RETURN DATA

POINT NO.	TOP OF CURB	FLOW LINE
13	5485.19	5484.52
14	5484.55	5484.55
15	5485.26	5484.59

⬡ CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C11	88°31'15"	30.00'	29.24'	46.35'
C12	NOT USED	–	–	–
C14	NOT USED	–	–	–
C15	NOT USED	–	–	–
C16	126°32'31"	2.00'	3.97'	4.42'
C17	14°46'41"	45.00'	5.84'	11.61'
C18	134°53'26"	2.00'	4.82'	3.69'
C19	16°09'53"	42.00'	5.96	11.81'
C20	129°30'31"	2.00'	4.24'	4.52'

N

Pat Conelly

Horizontal Scale: 1"=20' (20' 10' 0 20' 40')

Vertical Scale: 1" = 5' (5' 2.5' 0 5' 10')

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEERS SEAL

PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER

4/15/02

NO.	DATE	REMARKS	BY
1	4/15/02	REVISED ROAD GRADES REPLACES SHEET 8 IN SET (STAMP DATE 1/21/02)	PJC

REVISIONS

DESIGN		
DESIGNED BY	PJC	DATE 4/02
DRAWN BY	SEC	DATE 4/02
CHECKED BY	PJC	DATE 4/02

884-0700 100108A

Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 600E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

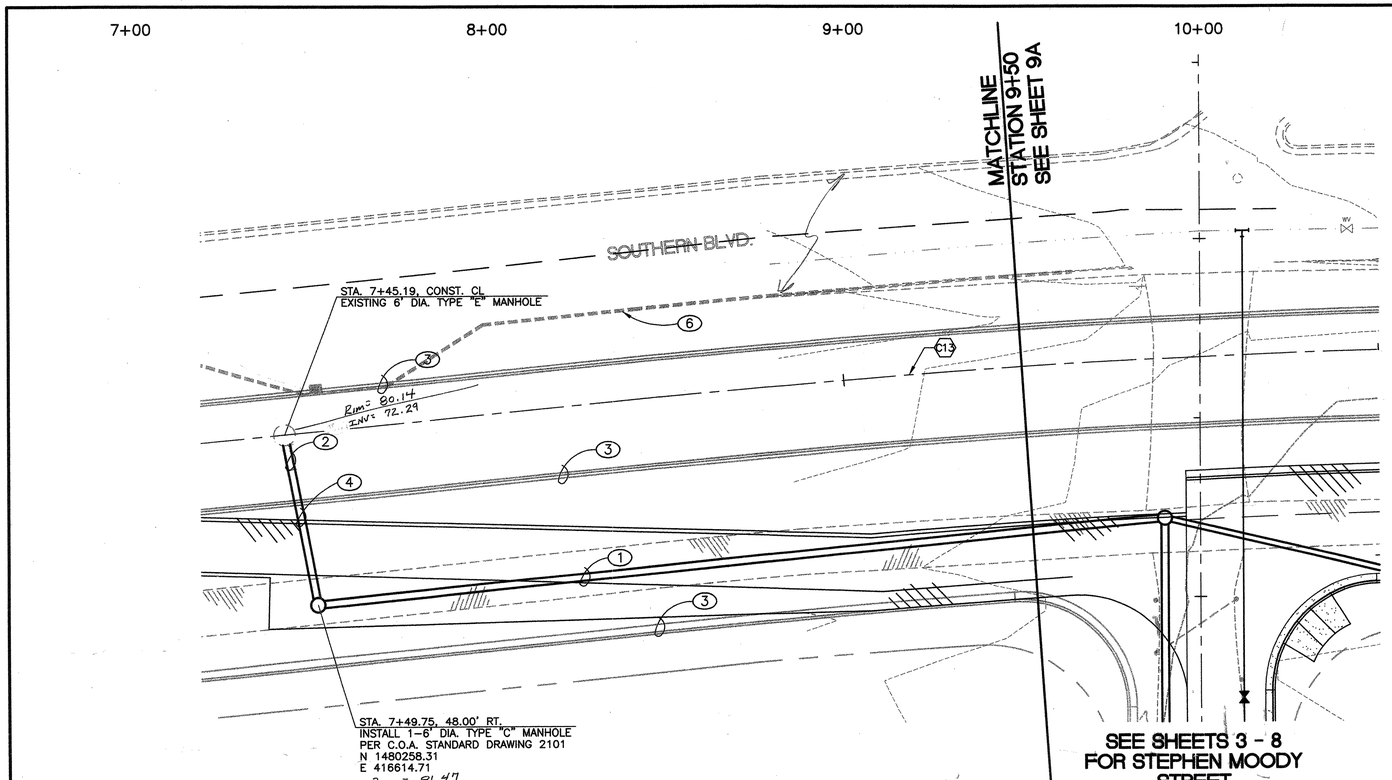
TITLE: **STEPHEN MOODY STREET IMPROVEMENTS**

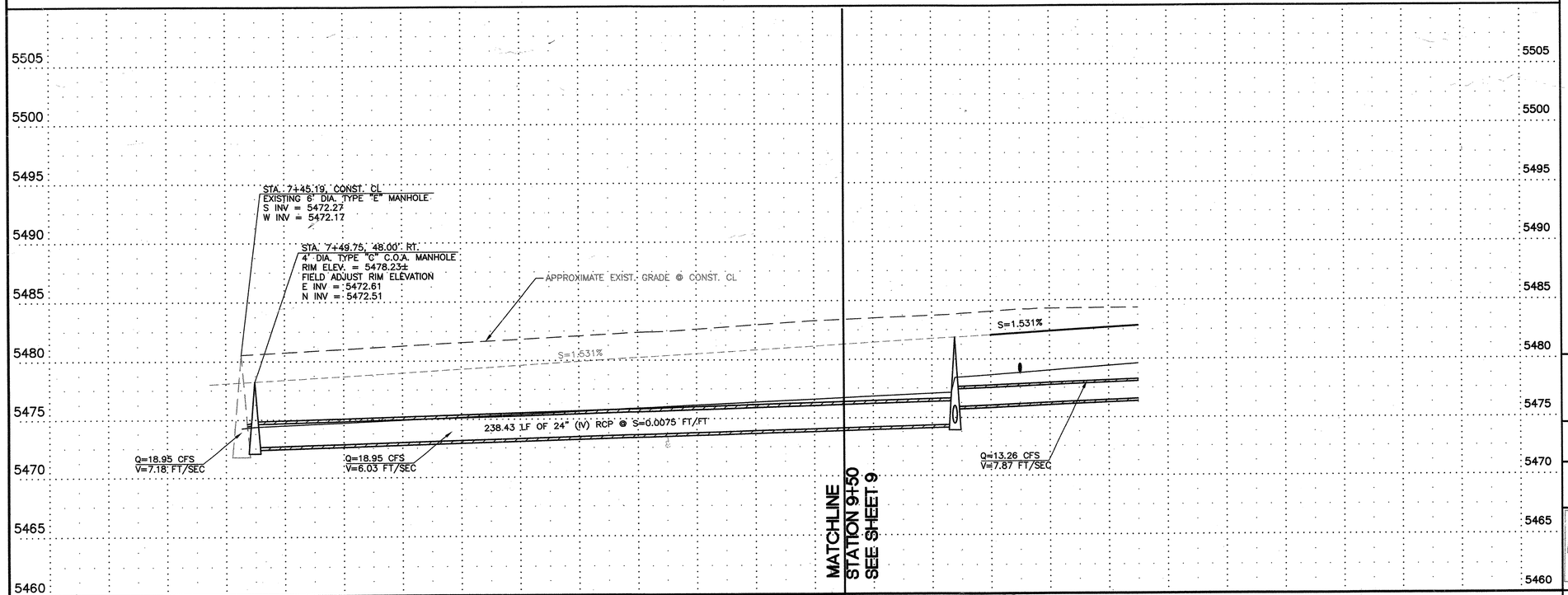
PAVING P & P: STEPHEN MOODY STREET: STA. 29+50 TO STA. 32+34.06

Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.

City Project No. 670291 | Zone Map No. L-21 | Sheet 8 Of 14

Z:\Civ_Cadd\100108\STEPHEN MOODY-MOD PROF\008Smpp.dwg Thu Apr 11 16:16:53 2002





KEYED NOTES:

1. INSTALL 238.43 LF OF 24" (IV) RCP @ S=0.0075 FT/FT. BACKFILL & GRADE TO MATCH EXISTING GRADE.
2. REMOVE AND DISPOSE 10 LF OF EXISTING 18" RCP PIPE AND 18" RCP PLUG.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. INSTALL 48.25 LF OF 24" (IV) RCP @ S=0.005 FT/FT
5. NOT USED.
6. EDGE OF EXISTING PAVEMENT.

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C13	5°15'21"	2500.26'	114.75'	229.35'

N

Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

100108A

Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

PATRICK J. CONLEY NEW MEXICO 14420 REGISTERED PROFESSIONAL ENGINEER — ENGINEER'S SEAL — 11/6/02

PATRICK J. CONLEY NEW MEXICO 9961 REGISTERED PROFESSIONAL SURVEYOR — SURVEYOR'S SEAL

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

C.O.A. BENCHMARK "8-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK INSPECTED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	DATE	DESIGNED BY PJC	11/01
	DATE	DRAWN BY BG, ED	11/01
	DATE	CHECKED BY PJC	11/01

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

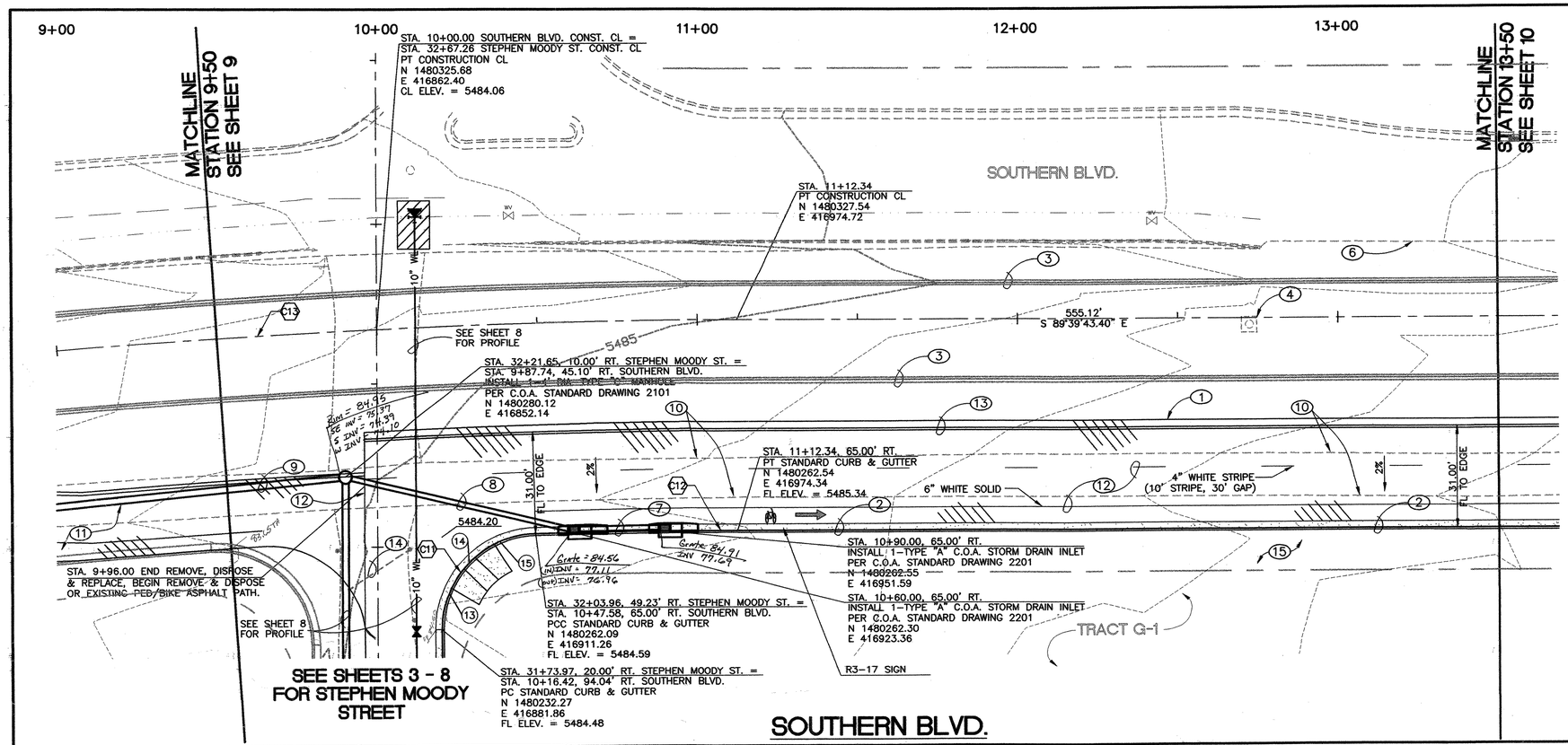
TITLE: STEPHEN MOODY STREET IMPROVEMENTS

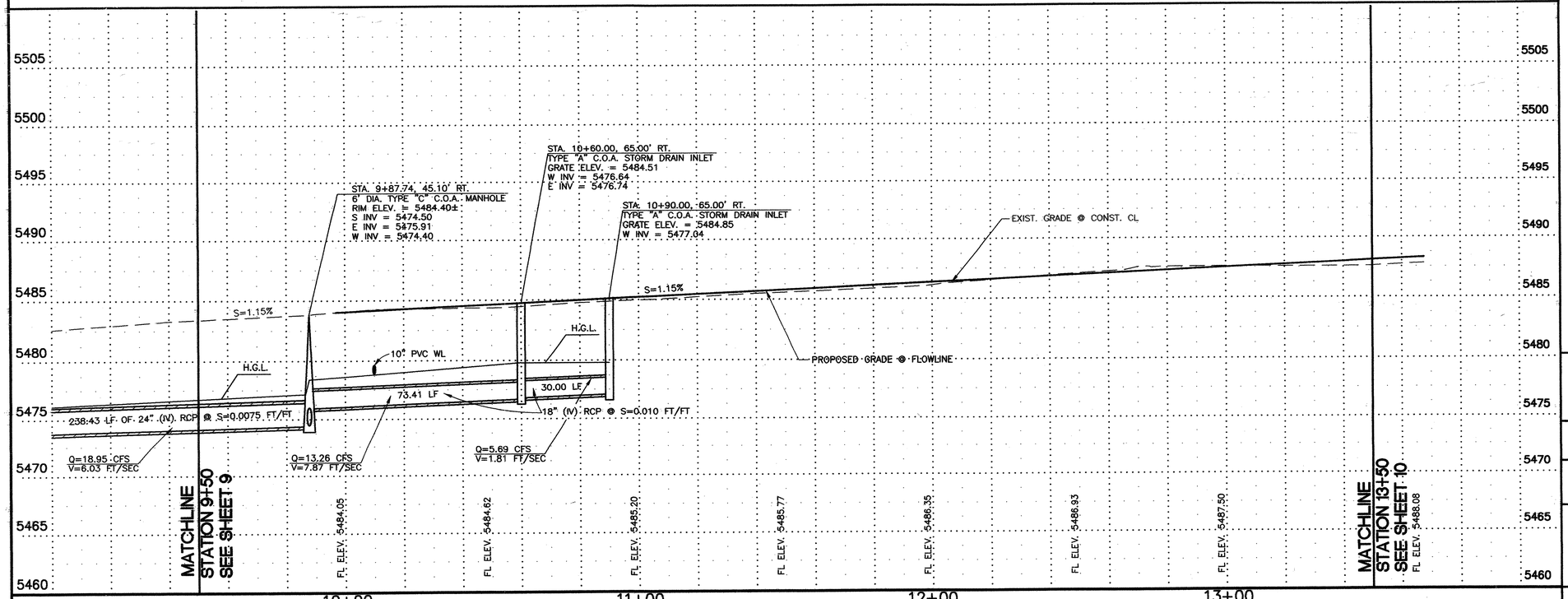
STORM DRAIN P & P: SOUTHERN BLVD.: STA. 7+45.19 TO STA. 9+50

Design Review Committee: APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER
Last Design Update
No. / Bay / Yr.
No. / Bay / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 9 Of 14

Z:\Civ_Cadd\100108\Stephen Moody\009Stmp.dwg Thu Jan 17 14:00:05 2002 J. ALLEN BOLINGER





KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. NOT USED
5. NOT USED
6. EDGE OF EXISTING PAVEMENT.
7. INSTALL 30 LF OF 18" (IV) RCP @ S=0.010 FT/FT
8. INSTALL 73.41 LF OF 18" (IV) RCP @ S=0.010 FT/FT
9. INSTALL 238.43 LF OF 24" (IV) RCP @ S=0.0075 FT/FT
10. REMOVE & DISPOSE EXISTING ASPHALT PED/BIKE PATH IN PROJECT AREA.
11. TEMPORARY PAVEMENT. SEE SHEET 10A
12. INSTALL WHITE PLASTIC STRIPING
13. CONSTRUCT NEW ASPHALT CURB PER C.O.A. STANDARD DRAWING 2415.
14. REMOVE AND RETURN PIPE GATE TO COA.
15. GRADE AREA BEHIND CURB TO MATCH EXISTING GRADES.

CURB RETURN DATA

POINT NO.	TOP OF CURB	FLOW LINE
13	5485.19	5484.52
14	5484.55	5484.55
15	5485.26	5484.59

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C11	88°31'15"	30.00'	29.24'	46.35'
C12	01°29'03"	2435.26'	31.54'	63.08'
C13	5°15'21"	2500.26'	114.75'	229.35'

AS BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTOR'S CHANGE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY — DATE

BENCH MARKS
C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL
PATRICK J. CONLEY NEW MEXICO 14010 REGISTERED PROFESSIONAL ENGINEER
4/15/02

NO.	DATE	REVISIONS	BY
		DESIGN	
		DESIGNED BY PJC	DATE 4/02
		DRAWN BY SEC	DATE 4/02
1	4/30/02	REVISED ROAD GRADES REPAIRED SHT 9A IN SET (DATE STAMP & INIT.)	
		CHECKED BY PJC	DATE 4/02

N

Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

100108A
Smith Engineering Company
A Full Service Engineering Company
6200 Uptown Boulevard, N.E. Suite 400E Albuquerque, New Mexico 87110

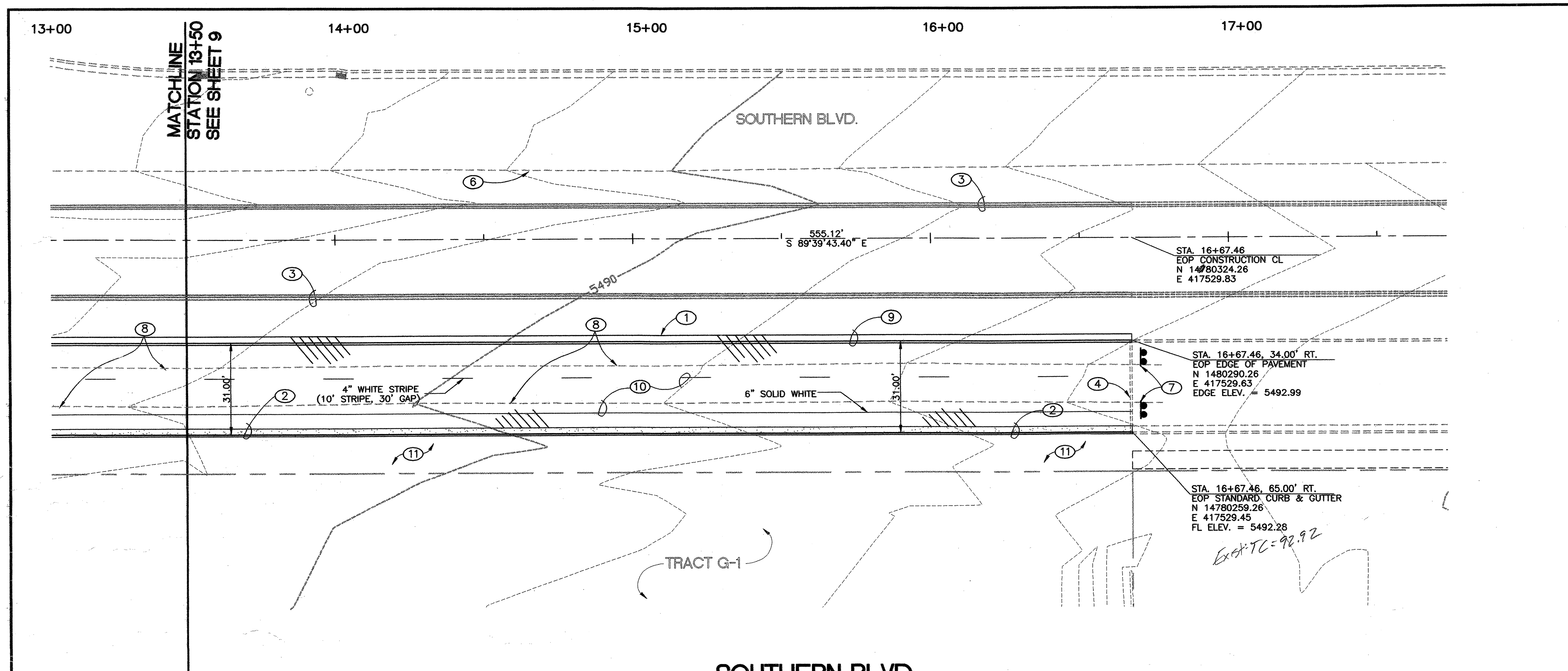
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
PAVING & STORM DRAIN P & P: SOUTHERN BLVD.: STA. 9+50 TO STA. 13+50

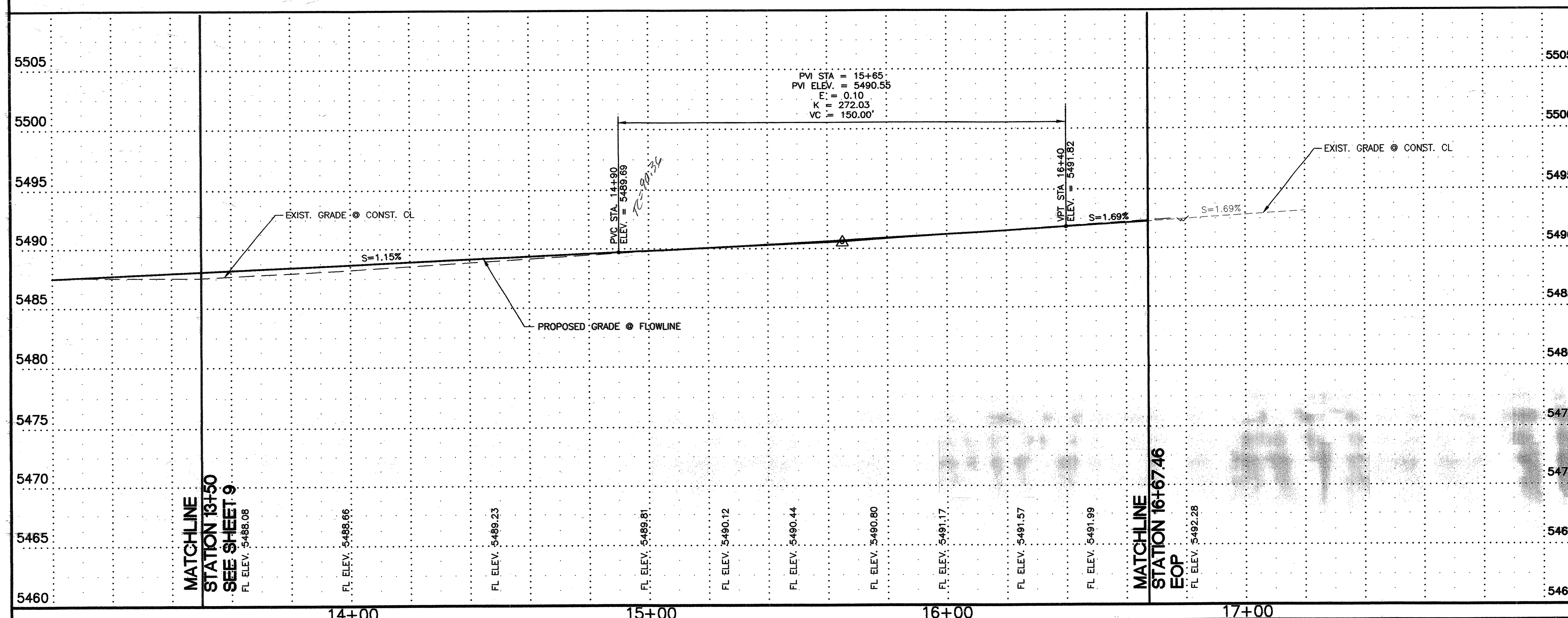
Design Review Committee | City Engineer Approval | Last Design Update | No. / Day / Yr. | No. /

City Project No. 670291 | Zone Map No. L-21 | Sheet 9A Of 14

Z:\Civ_Cadd\100108\STEPHEN MOODY-MOD PROF\009A\Map.dwg Thu Apr 11 16:16:16 2002



SOUTHERN BLVD.



KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW STANDARD CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. REMOVE AND DISPOSE OF EXISTING PCC CUTOFF WALL. IF REQUIRED, CLEAN CUT EXISTING ASPHALT ON SOUTHERN PRIOR TO PLACING NEW ASPHALT.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT ELEVATIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. EDGE OF EXISTING PAVEMENT.
7. REMOVE AND RETURN THE 2 EXISTING CITY OF ALBUQUERQUE TYPE III BARRICADES TO COA.
8. REMOVE & DISPOSE EXISTING ASPHALT BIKE PATH IN PROJECT AREA.
9. CONSTRUCT NEW ASPHALT CURB PER C.O.A. STANDARD DRAWING 2415.
10. INSTALL PLASTIC STRIPING
11. GRADE AREA BEHIND CURB TO MATCH EXISTING GRADES.

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	REMARKS	BY
1	4/15/02	REVISED ROAD GRADES REPLACES SHEET 10 IN SET (DATE STAMP OF 2/21/02)	PJC

DESIGN		
DESIGNED BY	SEC	DATE 4/02
DRAWN BY	SEC	DATE
CHECKED BY	PJC	

Horizontal Scale: 1"=20'
Vertical Scale: 1" = 5'

N

100108A
Smith Engineering Company
A Full Service Engineering Company

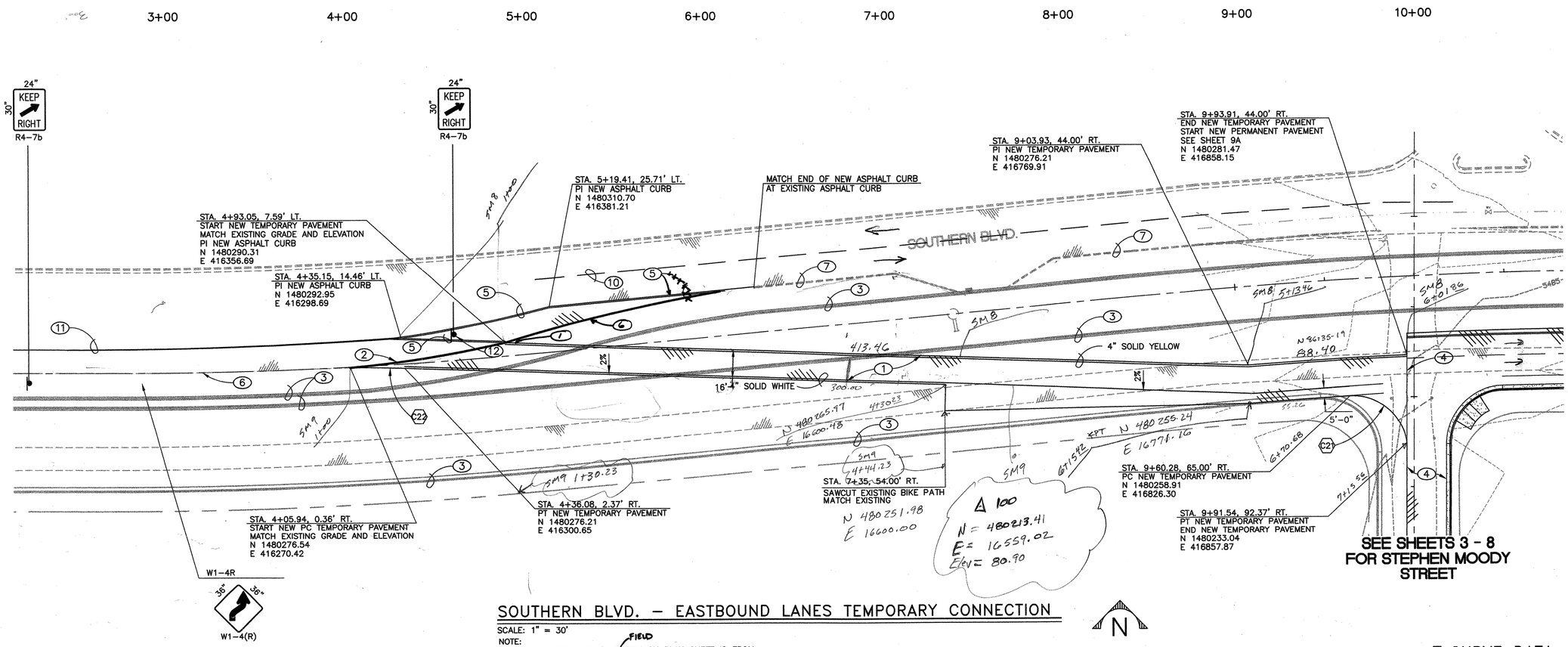
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
PAVING P & P: SOUTHERN BLVD.: STA. 13+50 TO E.O.P. STA. 16+76.46

Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.

City Project No. 670291 | Zone Map No. L-21 | Sheet 10 Of 14

Z:\Civ_Cadd\100108\STEPHEN MOODY-MOD PROF\010Smpp.dwg Thu Apr 11 16:20:03 2002



SOUTHERN BLVD. – EASTBOUND LANES TEMPORARY CONNECTION

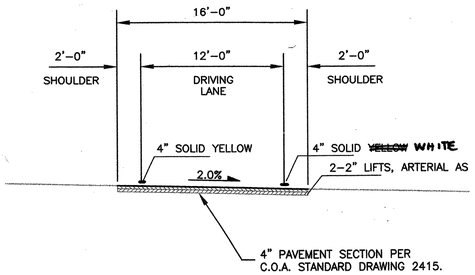
SCALE: 1" = 30'

NOTE:
EXISTING SOUTHERN BLVD. SHOWN ON PLAN SHEET IS FROM EXISTING DRAWINGS. NO FIELD SURVEY WAS PERFORMED. CONTRACTOR SHALL ADJUST CONNECTION POINTS AT THE DIRECTION OF THE COA CONSTRUCTION MANAGER.

N

⬭ KEYED NOTES:

1. EDGE OF NEW TEMPORARY PAVEMENT PER C.O.A. STANDARD DRAWING 2415. SEE THIS SHEET FOR CROSS SECTION.
2. MATCH EXISTING PAVEMENT ELEVATIONS AND GRADE.
3. FUTURE CURB & GUTTER AND ROADWAY TO BE BUILT BY OTHERS.
4. EDGE OF NEW PERMANENT PAVEMENT– SEE SHEET 9A FOR PLAN AND PROFILE.
5. CONSTRUCT NEW ASPHALT CURB PER C.O.A. STANDARD DRAWING 2415. PAINT CURB YELLOW.
6. EDGE OF EXISTING PAVEMENT.
7. EXISTING ASPHALT CURB AT EDGE OF PAVEMENT.
8. SAWCUT EXISTING SIDEWALK AT TEMPORARY PAVEMENT. REMOVE & DISPOSE EXISTING ASPHALT PED/BIKE PATH FROM STA. 7+47.27 TO STA. 16+67.46.
9. MATCH EXISTING PED/BIKE PATH ELEVATIONS FOR 5' PED/BIKE PATH PER C.O.A. STANDARD DRAWING 2415.
10. NEW DASHED WHITE STRIPING. C.O.A. WILL ERACICATE EXISTING STRIPING AND INSTALL NEW REFLECTORIZED PLASTIC STRIPING AS REQUIRED.
11. DOUBLE YELLOW STRIPING INSTALLED BY C.O.A.
12. PERMANENT SIGNS INSTALLED BY C.O.A.



SM8

SOUTHERN BLVD. TEMPORARY ROADWAY CROSS SECTION
STA. 4+93.05 TO 9+93.91

N.T.S

⬭ CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C21	85°43'24"	30.00'	27.84'	44.88'
C22	2°39'52"	650.00'	15.12'	30.23'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
C.O.A. BENCHMARK "6–L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL. CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.999645527

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ASSISTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEERS SEAL
PATRICK J. CONLEY — NEW MEXICO — 10141 — REGISTERED PROFESSIONAL ENGINEER
1/21/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY PJC — DATE 11/01	
		DRAWN BY BG, ED — DATE 11/01	
		CHECKED BY PJC — DATE 11/01	

100108A
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

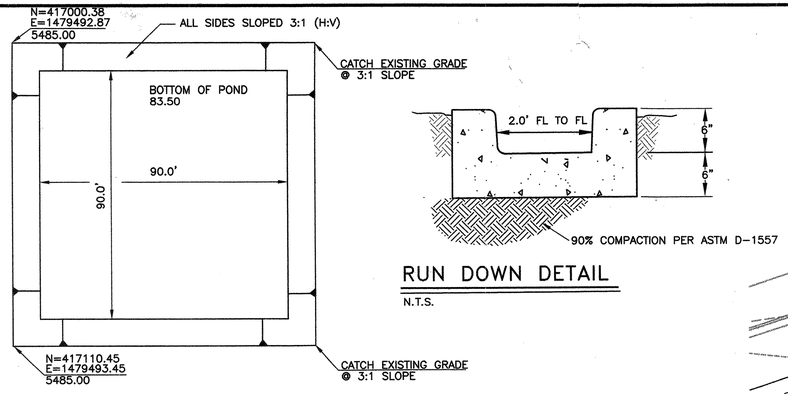
TITLE: STEPHEN MOODY STREET IMPROVEMENTS
TEMPORARY PAVING: SOUTHERN BLVD.: STA. 4+93.05 TO STA. 9+93.91

Design Review Committee: APPROVED FEB – 5 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB – 5 2002 CITY ENGINEER

Last Design Update: No. / Day / Yr. — No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 10A Of 14

Z:\C1v_Cadd\100108\Stephen Moody\010ASmpp.dwg Thu Jan 17 13:49:44 2002 J. ALLEN BOLINGER



TEMPORARY POND

N.T.S.

RUN DOWN DETAIL

N.T.S.

KEYED NOTES:

1. EDGE OF NEW PERMANENT PAVEMENT, SEE SHEET 12 FOR SECTIONS.
2. CONSTRUCT NEW MEDIAN CURB & GUTTER PER C.O.A. STANDARDS DRAWING 2415.
3. CONSTRUCT EXTRUDED ASPHALT CURB & GUTTER PER C.O.A. STANDARD DRAWING 2415.
4. REMOVE AND DISPOSE OF EXISTING MEDIAN CURB & GUTTER FOR NEW CURB & GUTTER AND OR MEDIAN.
5. TRANSITION FROM STANDARD CURB & GUTTER TO MEDIAN CURB & GUTTER.
6. CONSTRUCT DRAINAGE CHANNEL SEE DETAIL A/12.
7. CONSTRUCT NEW ALLEY GUTTER PER C.O.A. STANDARD DRAWING 2415.
8. CONSTRUCT MEDIAN PER DETAIL G/12.
9. SEE DETAIL B/12 FOR DRAINGAGE CHANNEL.
10. CONSTRUCT TYPE 'A' CATCH BASIN PER C.O.A. STD. DWG. 2201. CONNECT TO EXISTING 18" SD. INV. OF CATCH BASIN=5481.32, GRATE EL=5485.07
11. ADJUST EXISTING CLEAN OUT TO GRADE. SEE DETAIL C/12.
12. INSTALL 8 LF OF 18" HPDE DRAIN PIPE, OR EQUIVALENT, @ 0.01 FT/FT/ MATCH INVERT @ CATCH BASIN. CAP END OF 18" SD PIPE.
13. REMOVE EXISTING CURB & GUTTER FOR INSTALLATION OF NEW CURB & GUTTER.
14. REMOVE EXISTING CURB & GUTTER FOR INSTALLATION OF NEW DRAINAGE CHANNEL.
15. MATCH EXISTING ELEVATIONS
16. CONSTRUCT NEW 6' SIDEWALK PER C.O.A. STD. DWG 2430, SLOPE 2% TOWARDS PARKING LOT.
17. NOT USED.
18. CONSTRUCT ISLAND PER DETAIL E/12.
19. CONSTRUCT PLANTER AREAS, SEE DETAIL F/12.
20. CONSTRUCT MEDIAN CURB & GUTTER PER C.O.A. STD. DWG 2415, LENGTH FROM FL TO FL=39.97' MEDIAN NOSE RADIUS AT FL=1.75'.
21. STRIPE 6' WIDE PEDESTRIAN CROSSING, WITH 1.0' WIDE PAVEMENT MARKINGS, DIAGONALS AT 45' & 4' ON CENTER.
22. REMOVE & DISPOSE OF EXISTING CMP CULVERT PIPE, BACKFILL TRENCH TO 95% COMPACTION PER ASTM D-557.
23. NEATLY SAWCUT, REMOVE & DISPOSE OF EXISTING SIDEWALK & CURB & GUTTER. CONSTRUCT NEW HANDICAP RAMP (C.O.A. STD. DWG. 2441), & MATCH EXISTING GRADES. INSTALL NEW PAVEMENT MARKINGS AT NEW HANDICAP PARKING ZONE AND MATCH EXISTING HANDICAP PAVEMENT MARKINGS. FURNISH & INSTALL HANDICAP SIGN AND POST WITH "VAN ACCESSIBLE" ADDED. SEE DETAIL C/12.
24. CONSTRUCT WHEEL CHAIR RAMP PER C.O.A. STD. DWG. 2426 ELEVATIONS SHOWN ON THIS SHEET. CONSTRUCT ISLAND PER DETAIL D/12.
25. FURNISH & INSTALL IRRIGATION PIPE & SLEEVES, DEPTH OF BURY IS 30" FROM PROPOSED FINISH GRADE.
26. FURNISH & INSTALL A WP J-BOX, 6" ABOVE FINISH GRADE, FOR FUTURE LIGHT STANDARD, SEE THIS SHEET & D/12, E/12 & F/12 FOR LOCATIONS.
27. FURNISH & INSTALL 1" CONDUIT, WITH PULLWIRE ENTIRE LENGTH. CONCRETE ENCASE PVC FOR LATERAL RUNS, ALL RISERS & ELL'S SHALL BE RGS CONDUIT.
28. CONSTRUCT 22 LF CONCRETE RUNDOWN AND TEMPORARY RETENTION POND PER DETAIL THIS SHEET.
29. CUT & REMOVE A SECTION OF EX-36" HDPE SD PIPE PROPERLY FIT THE INSERTION OF A 36" X 18" HDPE REDUCING TEE. CONNECT TEE TO 36" SD WITH HDPE SPLIT BAND COUPLER PER MANUFACTURES SPECIFICATONS. INSTALL 18 LF OF 18" HDPE STORM DRAIN PIPE AT INVERT SHOWN ON THIS SHEET. PIPE AND FITTING SHALL BE HANCOR SURLOK HDPE OR APPROVED EQUAL.

Horizontal Scale: 1"=20'

Vertical Scale: 1" = 5'

NODE DATA (ALL SPOTS ARE FLOWLINE UNLESS OTHERWISE NOTED)

Node ID	Northing	Easting	Elevation	Description
1	1479056.64	417063.25	5487.10	FL @ VALLEY GUTTER
2	1479086.75	417063.25	5486.80	FL @ VALLEY GUTTER
3	1479086.64	417076.64	5486.97	FL PT NOSE MEDIAN
4	1479098.79	417076.85	5486.91	FL PC NOSE MEDIAN
5	1479183.97	417080.05	5486.56	FL PT NOSE MEDIAN
6	1479192.47	417080.21	5486.51	FL PC NOSE MEDIAN
7	1479277.46	417081.68	5486.11	FL PT NOSE MEDIAN
8	1479285.96	417081.84	5486.07	FL PC NOSE MEDIAN
9	1479370.94	417082.99	5485.67	FL PT NOSE MEDIAN
10	1479379.44	417083.15	5485.63	FL PC NOSE MEDIAN
11	1479434.28	417069.05	5485.07	EL GRATE
12	1479439.22	417068.97	5485.10	FL CURB INTERSECTION
13	1479438.94	417085.45	5485.37	FL PT NOSE MEDIAN
14	1479441.99	417087.19	5485.39	FL PCC NOSE MEDIAN
15	1479449.13	417074.66	5485.13	FL PC NOSE MEDIAN
16	1479480.44	416996.09	5484.90	FL PT NOSE MEDIAN
17	1479480.06	417018.97	5485.00	FL BEGIN TAPER ASPHALT CURB
18	1479475.51	417052.03	5484.59	FL END TAPER ASPHALT CURB
19	1479440.23	417113.38	NA	RADIUS PT NOSE MEDAIN
20	1479439.62	417149.84	NA	RADIUS PT NOSE MEDIAN
21	1479472.89	417208.43	5487.88	FL INTERSECTION CURB
22	1479446.90	417207.99	5488.04	FL INTERSECTION CURB
23	1479447.18	417190.82	5487.56	FL PT
24	1479432.44	417175.57	5487.34	FL PC
25	1479423.69	417177.42	5487.44	RADIUS PT MEDIAN
26	1479421.33	417197.09	5487.95	FL INTERSECTION
27	1479379.25	417180.54	5487.76	FL PT NOSE MEDIAN
28	1479370.75	417180.31	5487.80	FL PC NOSE MEDIAN
29	1479285.70	417178.75	5488.23	PL PT NOSE MEDIAN
30	1479277.20	417178.57	5488.25	FL PC NOSE MEDIAN
31	1479192.12	417177.12	5488.70	FL PT NOSE MEDIAN
32	1479183.62	417176.98	5488.75	FL PC NOSE MEDIAN
33	1479096.82	417145.05	5488.40	FL PT MEDIAN
34	1479093.71	417146.68	5488.44	FL PCC MEDIAN
35	1479087.01	417133.93	5488.21	FL PC MEDIAN
36	1479087.25	417119.53	5487.88	FL PT MEDIAN
37	417107.01	417107.01	5487.58	FL PCC MEDAIN
38	417108.75	417108.75	5487.60	FL PC MEDIAN
39	417206.10	417206.10	XXXX	TOP OF SIDEWALK
37	479094.38			
38	479097.43			
39	479046.86			

CURVE DATA

NUMBER	DELTA	RADIUS	TANGENT	ARC LENGTH
C16	08°13'43"	113.00'	8.13'	16.23'
C17	17°35'12"	143.00'	22.12'	43.89'

Allen Smith Eng 224-4794

AS BUILT INFORMATION

CONTRACTOR

NO.	BY	DATE

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

AS BUILT INFORMATION

	BY	DATE
SURVEYED BY		
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWING BY		
CORRECTED BY		DATE

MICRO-FILM INFORMATION

	BY	DATE
RECORDED BY		DATE
NO.		

ENGINEERS SEAL

PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PJC DATE 11/01
DRAWN BY BG, ED DATE 11/01
CHECKED BY PJC DATE 11/01

884-0700 PAT Conley 100108A
Smith Engineering Company
A Full Service Engineering Company
5600 Uptown Boulevard, N.E. Suite 200B Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS

PAVING P & P: STEPHEN MOODY STREET PARKING LOT

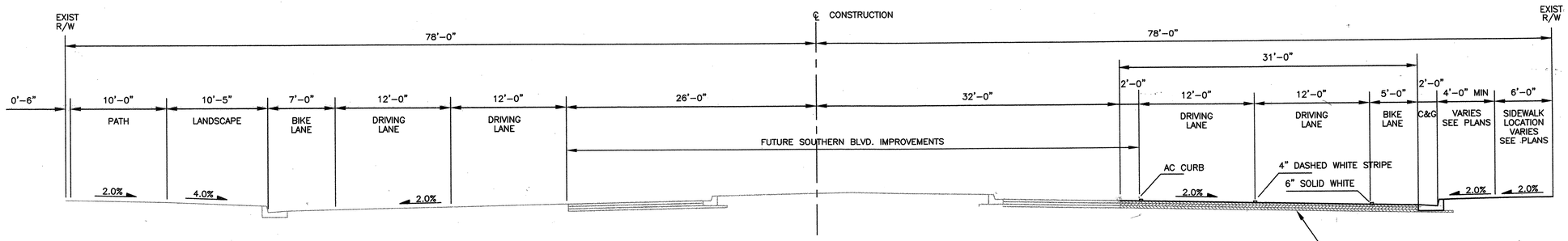
Design Review Committee: APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER

Last Design Update: No. / Day / Yr. / No. / Day / Yr.

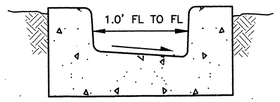
City Project No. 6702.91 | Zone Map No. L-21 | Sheet 11 Of 14

Z:\Civ_Cadd\100108\Stephen Moody\01Parking-Lot.dwg Thu Jan 17 13:41:53 2002 J. ALLEN BOLINGER



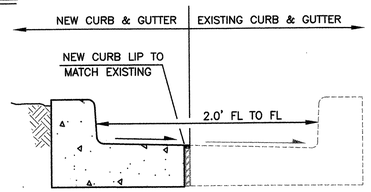
SOUTHERN BLVD PERMANENT ROADWAY CROSS SECTION
STA. 9+96 TO STA. 16+67.46

N.T.S.



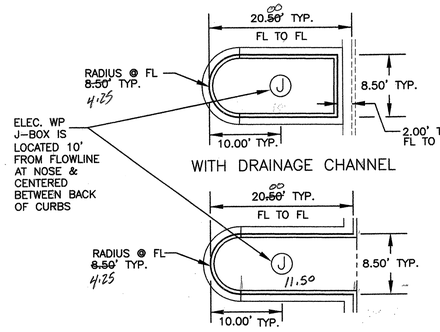
DETAIL 'A' DRAINAGE CHANNEL

N.T.S.



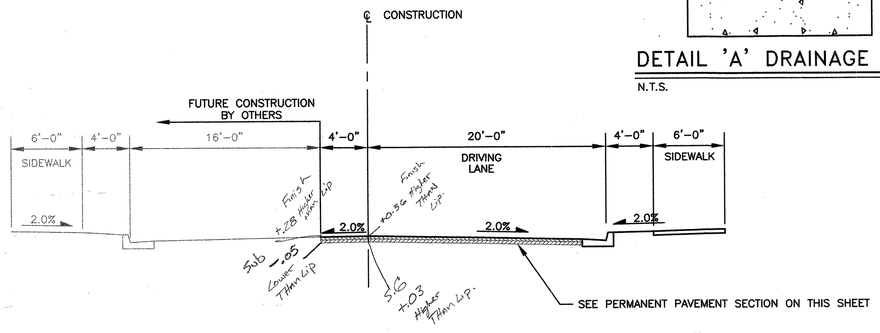
DETAIL 'B' DRAINAGE CHANNEL

N.T.S.



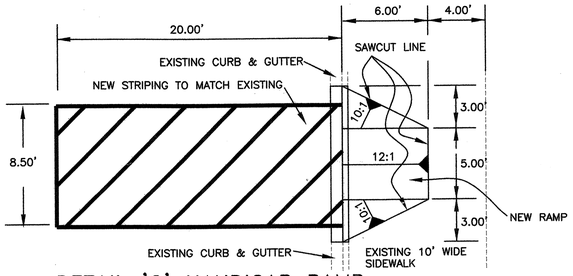
PARKING LOT MEDIAN DETAIL 'E

N.T.S.



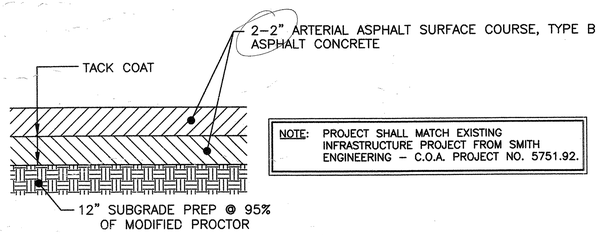
STEPHEN MOODY STREET PERMANENT ROADWAY CROSS SECTION
STA. 11+49.74 TO STA. 32+34.06

N.T.S.



DETAIL 'C' HANDICAP RAMP

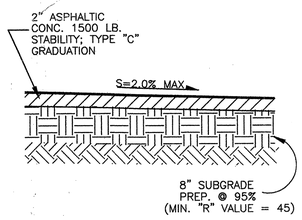
N.T.S.



NOTE: PROJECT SHALL MATCH EXISTING INFRASTRUCTURE PROJECT FROM SMITH ENGINEERING – C.O.A. PROJECT NO. 5751.92.

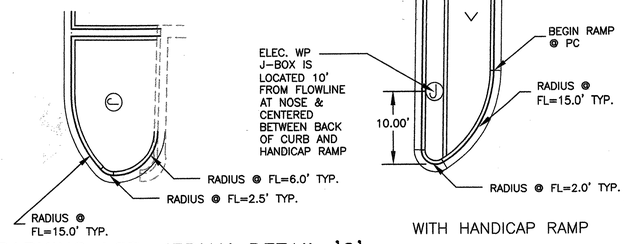
PAVEMENT SECTION 'A' – STEPHEN MOODY

N.T.S.



BIKE PATH PAVEMENT SECTION 'B'

SCALE: NONE



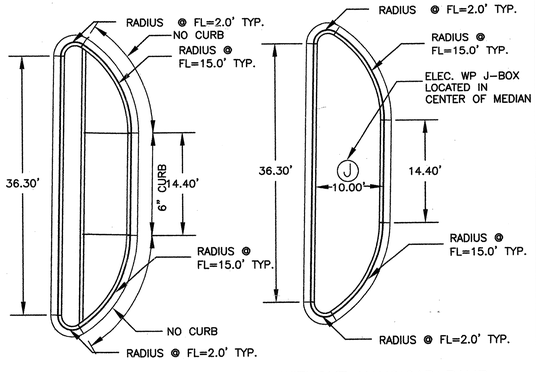
PARKING LOT MEDIAN DETAIL 'G'

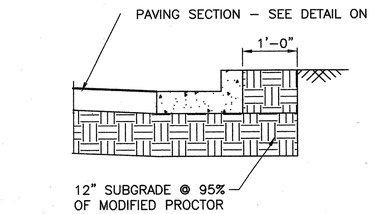
N.T.S.

WITH HANDICAP RAMP

PARKING LOT MEDIAN DETAIL 'F'

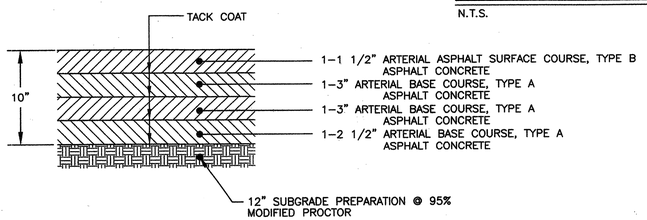
N.T.S.





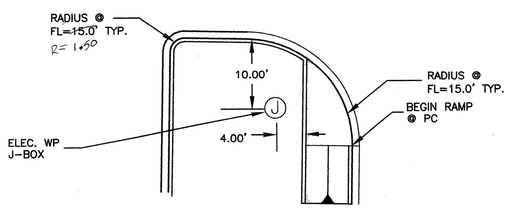
TYPICAL SUBGRADE PREPARATION AT CURB AND GUTTER

N.T.S.



PAVEMENT SECTION 'C' FOR SOUTHERN BLVD.

N.T.S.



DETAIL 'D' ISLAND DETAIL

N.T.S.

AS BUILT INFORMATION

BENCH MARKS

C.O.A. BENCHMARK "6-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33 EASTING = 418,123.51
GRID COORDINATES: NORTHING = 1,481,220.09 EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

CONTRACTOR STARTED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

PATRICK J. CONLEY NEW MEXICO 14009 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 11/01
		DESIGNED BY PJC	DATE 11/01
		DRAWN BY BG, ED	DATE 11/01
		CHECKED BY PJC	DATE 11/01

100108A
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
TYPICAL SECTIONS & DETAILS

Design Review Commitee: APPROVED FEB - 5 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB - 5 2002 CITY ENGINEER
Last Design Update: No. / Day / Yr. / No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 12 Of 14

Z:\Civ_Cadd\100108\Stephen Moody\0120etail.dwg Thu Jan 17 13:40:54 2002 J. ALLEN BOLINGER

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48-HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

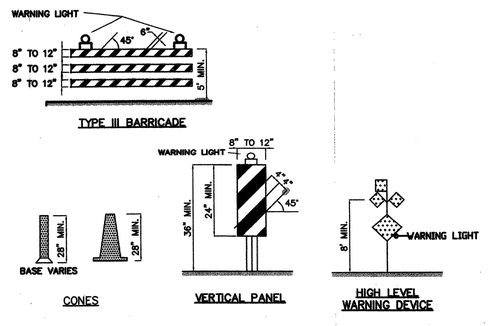
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48-INCH SIGN AS INDICATED IN THE MUTCD.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

SPECIAL PROJECT TRAFFIC CONTROL NOTE

1. TWO-WAY TRAFFIC MUST BE MAINTAINED ON SOUTHERN BLVD. AT ALL TIMES.



LEGEND:

- TRAFFIC FLOW
- TRAFFIC CONTROL WARNING SIGN
- TRAFFIC CONTROL BARREL
- TRAFFIC CONTROL TYPE III BARRICADE
- EXISTING CURB-AND-GUTTER
- EXISTING STRIPING
- ONSITE CONSTRUCTION ZONE
- H — VERTICAL PANEL SIGN W/ SUPPORT
- ARROW BOARD

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET) 10' LANE	11' LANE	12' LANE	MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

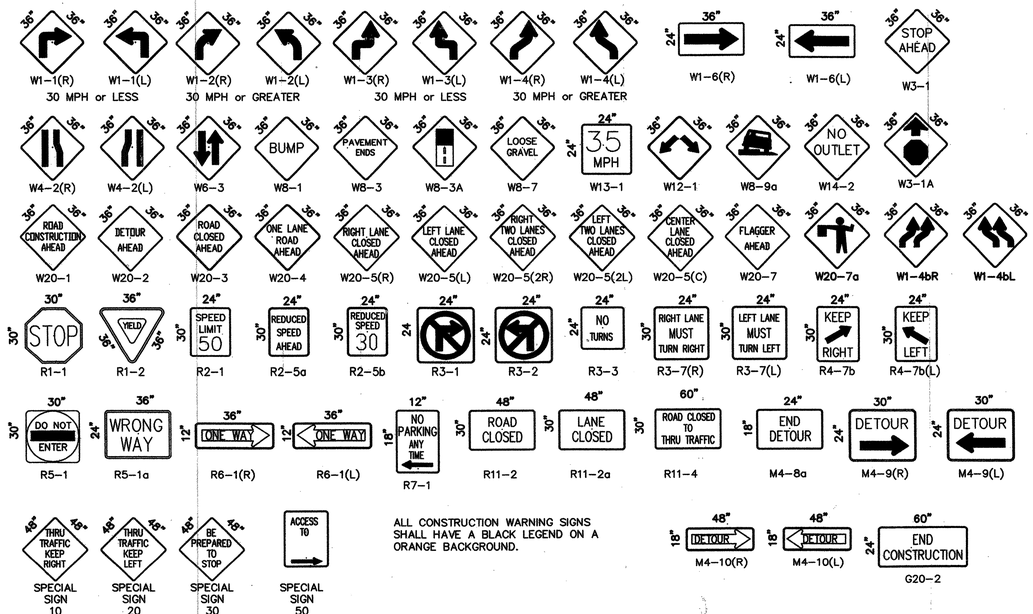
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	L = W x S

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
C.O.A. BENCHMARK "8-L21"
AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'
GROUND COORDINATES: NORTHING = 1,481,746.33
EASTING = 418,123.51
GROUND TO GRID FACTOR: 0.99964527

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
CONSTRUCTION BY DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS MARKED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
GRID COORDINATES: NORTHING = 1,481,220.09
EASTING = 417,975.01
GROUND TO GRID FACTOR: 0.99964527

ENGINEERS SEAL

C.O.A. STD.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 11/01
		DESIGNED BY PJC	DATE 11/01
		DRAWN BY BG, ED	DATE 11/01
		CHECKED BY PJC	

100108A
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

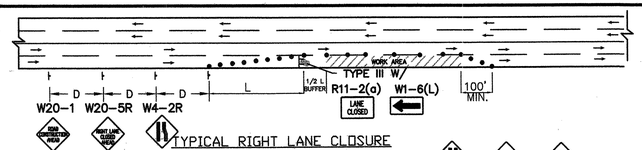
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

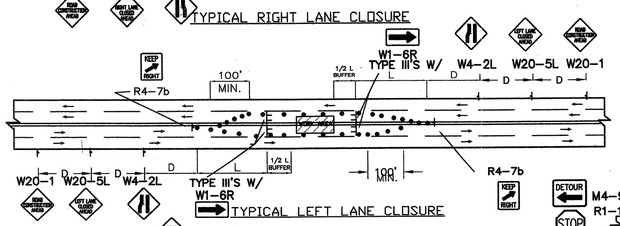
Design Review Committee	City Engineer Approval	Last Design Update	No. / Day / Yr.	No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 13 Of 14

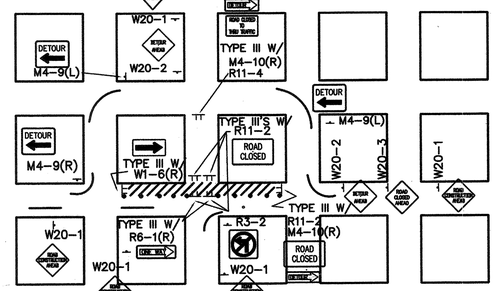
Z:\Civ_Cadd\100108\Stephen Moody\013_traffic1.dwg Wed Jan 16 11:04:58 2002 J. ALLEN BOLINGER



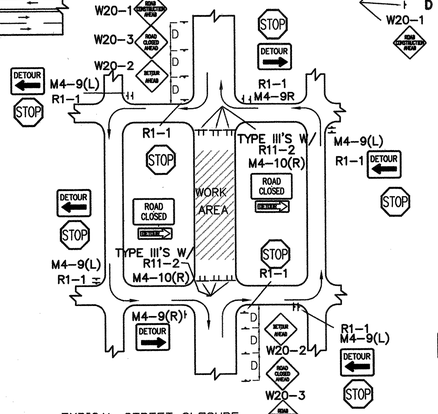
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE

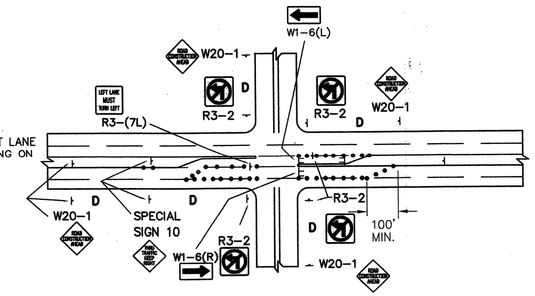


TYPICAL ONE DIRECTION DETOUR



TYPICAL STREET CLOSURE

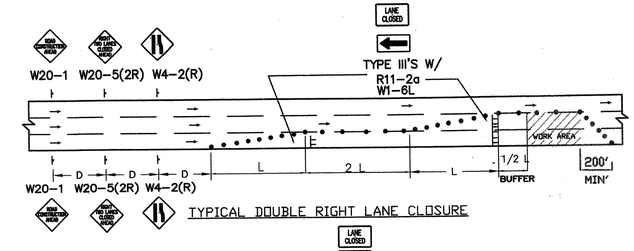
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



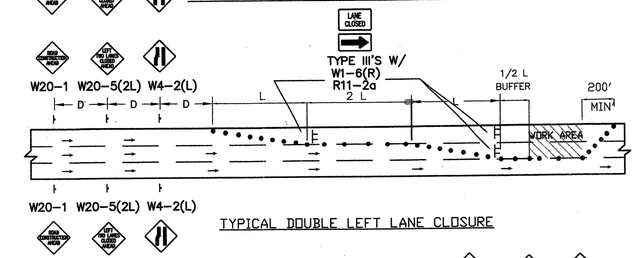
NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.

TYPICAL LANE CLOSURE AT INTERSECTION

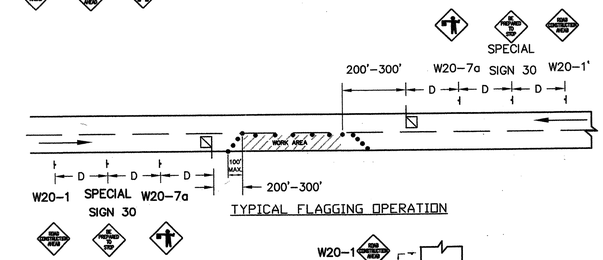
NOTE: DEPENDING ON WORK ZONE LOCATION



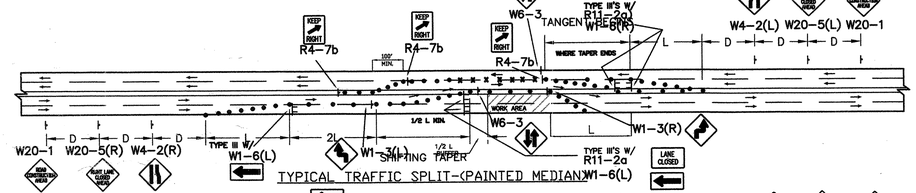
TYPICAL DOUBLE RIGHT LANE CLOSURE



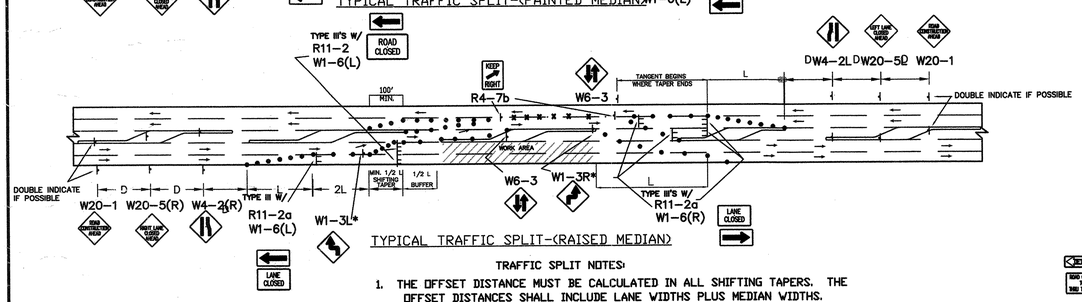
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



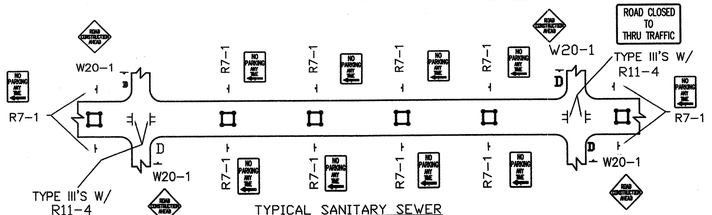
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



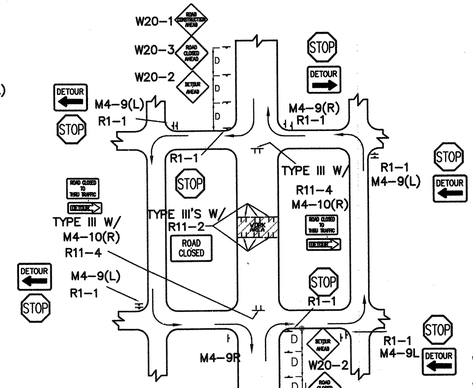
TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS.
- ALL PITS TO HAVE FLAGLINE.

GENERAL NOTE:

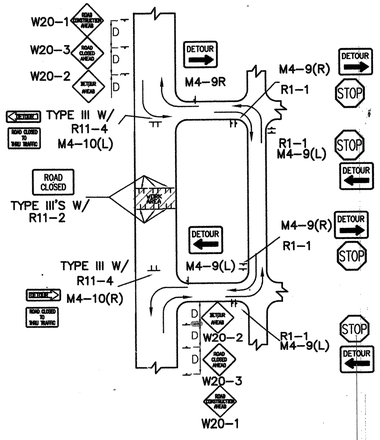
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.



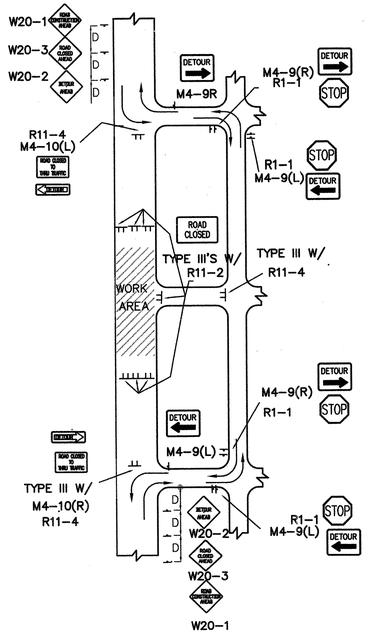
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



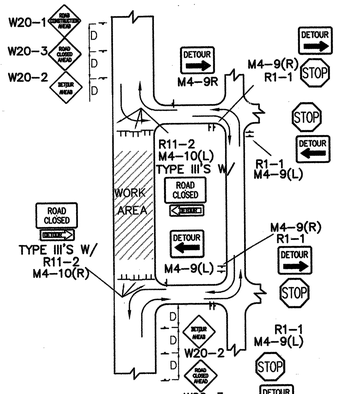
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

AS BUILT INFORMATION

CONTRACTOR — DATE

WORK STAKED BY — DATE

INSPECTIONS BY — DATE

FIELD VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO. —

GROUND TO GRID FACTOR: 0.99964527

SURVEY INFORMATION

BENCH MARKS

C.O.A. BENCHMARK "6-L21" AT THE INTERSECTION OF CENTRAL AVE. & ELIZABETH ST.
3.5" AL CAP SET IN MEDIAN CURB ON CENTRAL EAST OF ELIZABETH ST. ELEVATION = 5500.67'

GROUND COORDINATES: NORTHING = 1,481,746.33, EASTING = 418,123.51

GRID COORDINATES: NORTHING = 1,481,220.09, EASTING = 417,975.01

FIELD NOTES

NO.	DATE	BY

ENGINEERS SEAL

C.O.A. STD.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PJC — DATE 11/01

DRAWN BY BG, ED — DATE 11/01

CHECKED BY PJC — DATE 11/01

100108A

Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: STEPHEN MOODY STREET IMPROVEMENTS

TYPICAL TRAFFIC CONTROL AND SIGNING

Design Review Committee | City Engineer Approval

Last Design Update: No. / Day / Yr. | No. / Day / Yr.

City Project No. 6702.91 | Zone Map No. L-21 | Sheet 14 Of 14

Z:\Civ_Cadd\10108\Stephen Moody\014_traffic2.dwg Thu Jan 17 13:37:50 2002 J. ALLEN BOLINGER